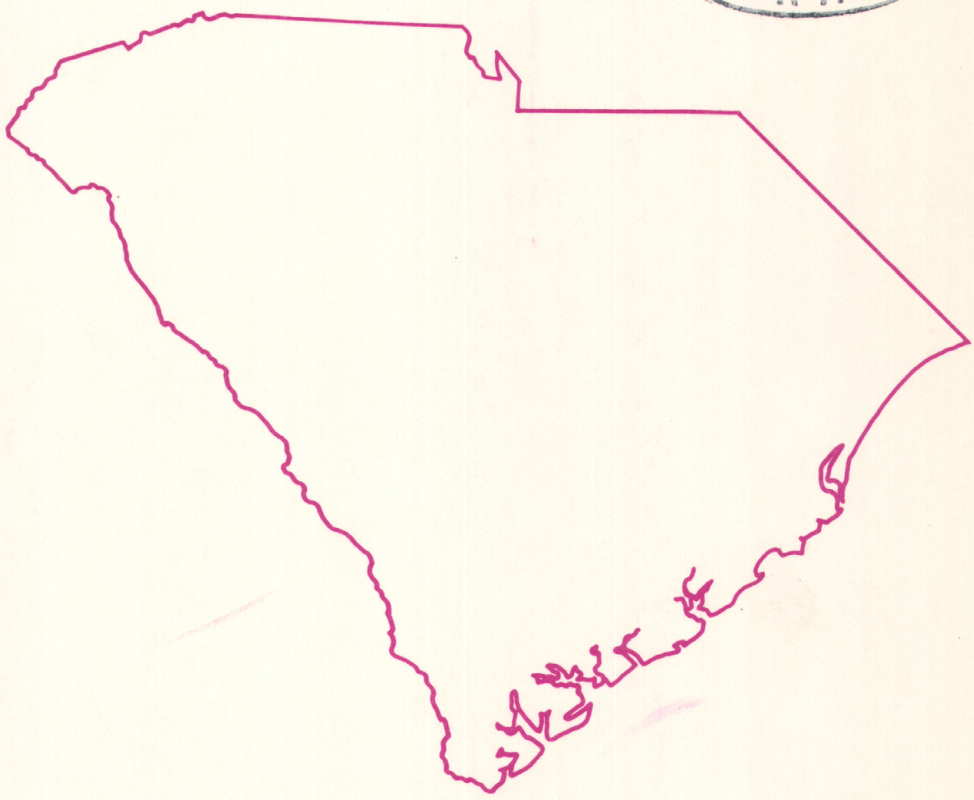
Water Resources Data South Carolina Water Year 1989



U.S. GELOGICAL SURVEY WATER-DATA REPORT SC-89-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

Water Resources Data South Carolina

Water Year 1989

by C.S. Bennett, T.W. Cooney, K.H. Jones, B.W. Church, and G.L. Murray

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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

1989

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 1989 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and levels of ground-water wells. This volume contains records for water discharge at 116 gaging stations, stage only at 23 gaging stations, stage and contents at 12 lakes and reservoirs, water-quality at 61 gaging stations, and water levels at 56 observation wells. Also included are data for 41 crest-stage partial-record stations and discharge measurement information at 4 locations. 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.

17. Document Analysis a. Descriptors

*South Carolina, *Hydrologic Data, *Surface Water, *Ground Water, *Water Quality, Flow Rate, Gaging Stations, Lakes, Reservoirs, Chemical Analyses, Sediments, Water Temperatures, Sampling Sites, Water Levels, Water Analyses.

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ILLUSTRATIONS

GAGING STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED

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

GROUND-WATER WELLS, BY COUNTY

INTRODUCTION

Water resources data for the 1989 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 116 gaging stations; stage-only records for 23 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 61 gaging stations; and water levels for 56 observation wells. Also included are data for 41 crest-stage partial-record stations and discharge measurements at 4 miscellaneous sites. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous investigations of water quality. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

Records of discharge and stage of streams, and contents or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from Branch of Distribution, U.S. Geological Survey, 604 South Pickett Street, Arlington, VA 22304.

For water years 1961 through 1970, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records for water years 1964 through 1970 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1971 water year, water data for streamflow, water quality, and ground water are published as an official Survey report on a State-boundary basis. These official Survey reports carry an identification number consisting of the two letter State Abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report SC-89-1." 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, President
South Carolina Department of Highways and Public Transportation,
J. G. Rideoutte, Executive Director
South Carolina Department of Health and Environmental Control,
M. D. Jarrett, Commissioner
South Carolina Geological Survey, N. K. Olson, State Geologist
City of Charleston, S. W. Kinard, Manager of Commission of Public Works
City of Spartanburg, Dr. P. Cook, Chairman of Commissioners of Public Works
City of Myrtle Beach, T. Leath, City Manager
Cooper River Water Users Association, H. Shade, President.
Grand Strand Water and Sewer Authority, D. Wendel, Executive Director
Waccamaw Regional Planning and Development Council, B. Schwartzkopf, Director of Planning
Beaufort-Jasper Sewer and Water Authority, W. D. Moss, Jr., General Manager
South Carolina Sea Grant Consortium, M. A. Davidson, Executive Director
South Carolina Wildlife and Marine, J. A. Timmerman, Jr., Executive Director
Western Carolina Regional Sewer Authority, J. A. Pappas, Executive Director
Spartanburg Sanitary Sewer District, E. D. Mitchell, Assistant Director
Georgetown County Water and Sewer District, R. E. Barker, Executive Director
Oconee County Sewer Commission, R.C. Winchester, General Superintendent

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

Corps of Engineers, U.S. Army
U.S. Department of Energy

The following organizations aided in collecting records:

Bowater-Carolina Corporation
Caro-Knit, Inc.
Carolina Power and Light Company
Duke Power Company
South Carolina Electric and Gas Company
Union Camp

SUMMARY OF HYDROLOGIC CONDITIONS

Hurricane Storm Surge

The coast of South Carolina was devastated when hurricane Hugo made landfall just north of Charleston in the early morning of Sept. 22, 1989. Highwater marks, surveyed after the storm, indicated the following average surge elevations (in feet above NGVD of 1929) along the coast.

North Myrtle Beach	11.2	Sullivans Island	14.1
Garden City Beach	12.3	Charleston	11.2
McClellanville	16.4	South Kiawah Island	10.6
Moores Landing	20.2	North Edisto River	7.5

Streamflow

Rainfall totals throughtout the state increased in the 1989 water year over the previous water year, though many were still below normal in several parts of the State. Rainfall in the Piedmont, as represented by the National Westher Service (NWS) station at the Greenville-Spartanburg Airport was 0.2 percent below normal. Rainfall in the Coastal plain was quite variable. Rainfall recorded near Columbia and Charleston by the NWS was 6.0 percent above and 6.8 percent below normal, respectively, for the water year. Streamflows were higher than in the previous drought year, though still below normal. The following table lists the minimum mean daily discharge for seven stations for comparison with the computed 7-day, 10-year minimum discharge (7Q10).

Station	Drainage area (square mile)	Minimum mean daily discharge (cubic feet per second)	7Q10 discharge (cubic feet) per second)
Piedmont			
02154500 N. Pacolet River at Fingerville	116.0	27.0	43.0
02162010 Cedar Creek near Blythewood	48.9	2.0	0.5
Upper Coastal Plain			
02130900 Black Creek near McBee	108.0	47.0	22.0
02173000 South Fork Edisto River near Denmark	720.0	245.0	211.0
02197300 Upper Three Runs near New Ellenton	87.0	65.0	58.0
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	339.0	132.0
02176500 Coosawhatchie River near Hampton	203	0.0	0.03

Figure 1 on page 3 shows a comparison of monthly and yearly mean discharges during the 1989 water year with the median of monthly and yearly mean discharges for the periods of record for two index stations. Monthly mean discharge for the Upper Three Runs near New Ellenton station were at or below the twenty-fifth percentile for most of the year except for July, which was above the fiftieth percentile. The monthly mean discharge for the Lynches River at Effingham station was above the seventy-fifth percentile in April, May, July and August.

Ground Water

Ground-water levels, like streamflow, reflect the climatic conditions of the region. In the Piedmont ground-water occurs in the fault and fracture systems of the crystalline rocks and in the shallow material overlying the hard rock. The water-level in the well GRV-709 near Greenville, an unused 80-foot deep water table well, increased from 34.97 feet below land surface on October 1, 1988, to 33.30 feet below land surface on September 30, 1989.

Ground water in the Coastal Plain occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this part of the State, and in areas of heavy withdrawal of ground water by pumping from the artesian aquifers, a reduction of the pressure head caused the water level to decline. The water-level for well HO-307, a 416-foot deep observation well, declined from 56.83 feet below land surface to 59.51 feet below land surface.

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

Water Quality

Water-quality data were collected at 60 surface-water sites during the 1989 water year. Record low dissolved oxygen concentrations were recorded at many sites in the coastal area after hurricane Hugo due to an increase in the organic content in surface-water caused by the large amount of vegetation and debris that was deposited by the storm.

HYDROLOGIC CONDITIONS

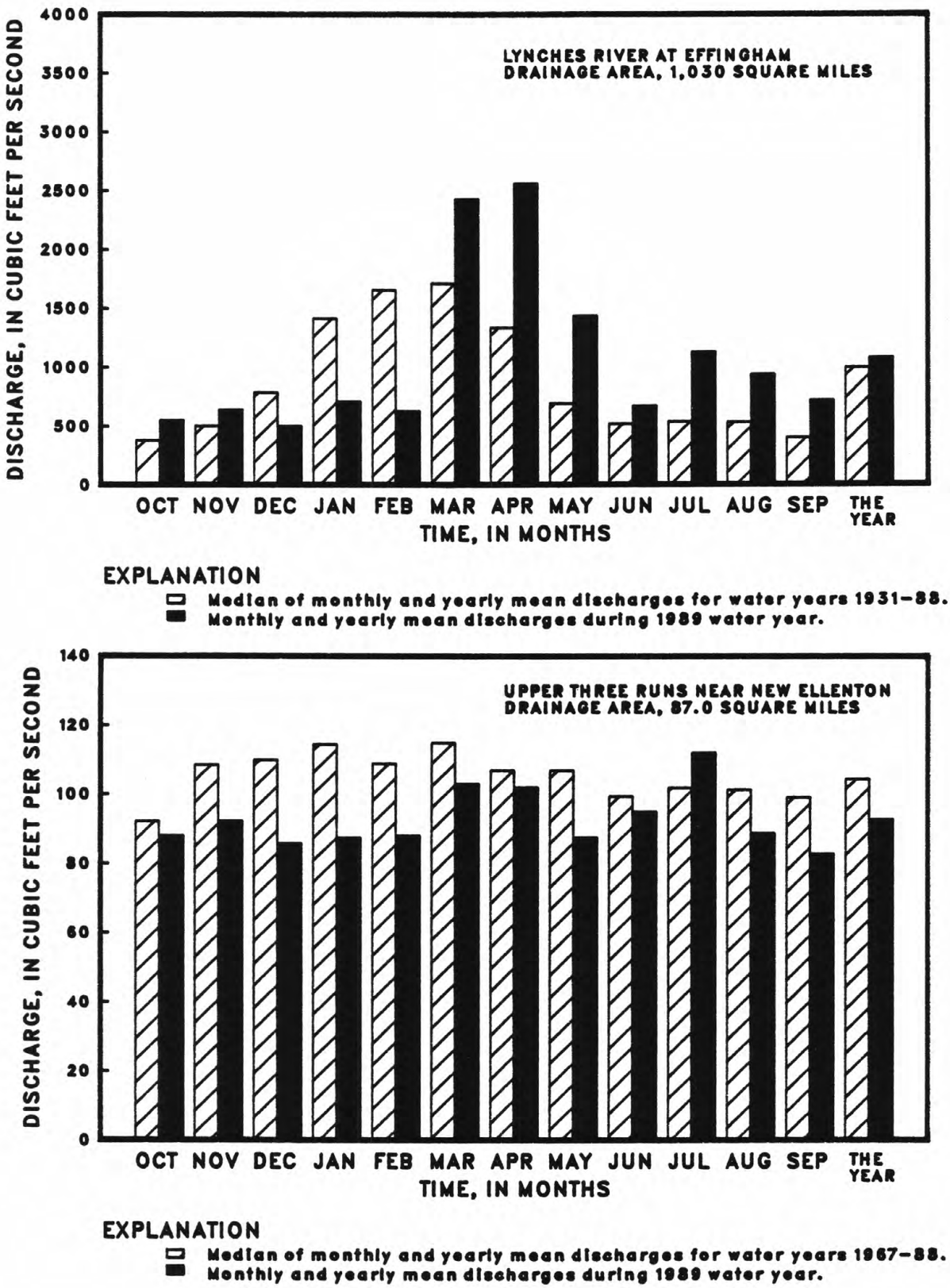

Figure 1.--Comparison of discharge at two long-term representative gaging stations during 1989 water year with median discharges.

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^2).

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

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

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

Bottom material: See Bed material.

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

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

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

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

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

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

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

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

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

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

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

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 (dis-integrations per minute).

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

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

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

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

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

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

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

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

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

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

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

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

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance in (micromsciemens). 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, 1989, is called the "1989 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.

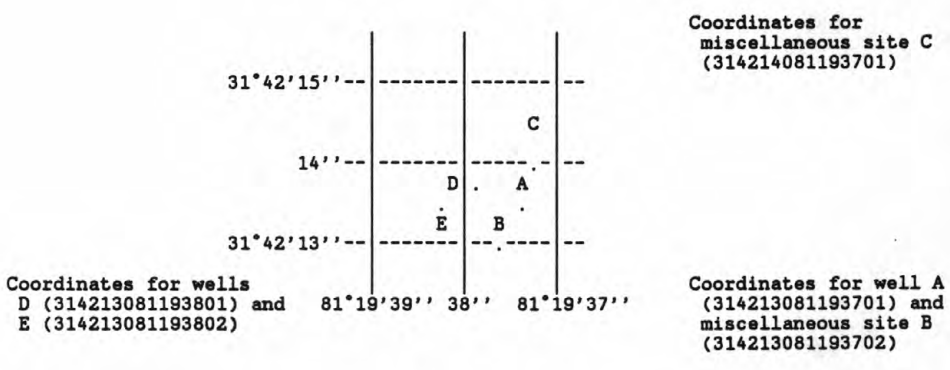

Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

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, from a water-stage recorder that punches a tape at selected time intervals or from a data collection platform that collects and transmits data at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 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 non-contributing 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. In March 1989 the National Water-Quality Laboratory discovered a bias in the turbidimetri method for sulfate analysis, indicating that values below 75 mg/L have a median positivve bias of 2 mg/L above the true value for the period between 1982 and 1989. Sulfate values in this report have not been corrected for this bias.

Water analysis

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

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

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

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

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 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, Books and Open-File Reports Section, Federal Center, Box 25425, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

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

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

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

2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.

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

2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and Warren E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.

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

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

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

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

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

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

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

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

3-A9. *Measurement of time of travel in streams by dye tracing*, by F. A. Kilpatrick and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1989. 27 pages.

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

3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.

3-A12. *Fluorometric procedures for dye tracing*, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 pages.

3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.

3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.

3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.

3-A16. *Measurement of discharge using tracers*, by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.

3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.

3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F. A. Kilpatrick, R. E. Rathbun, N. Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.

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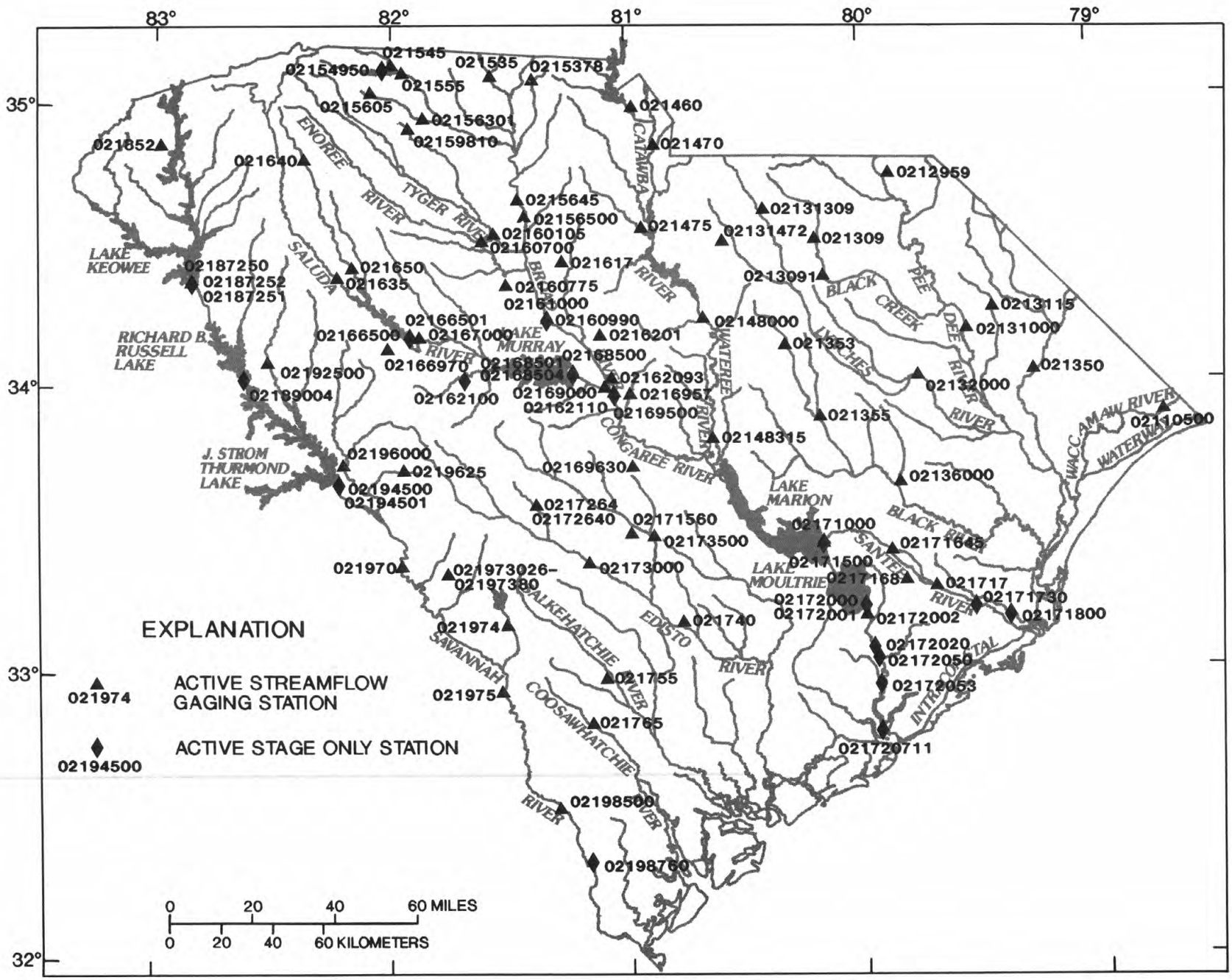

Figure 3.--Location of streamflow gaging stations, and reservoir or lake gaging stations.

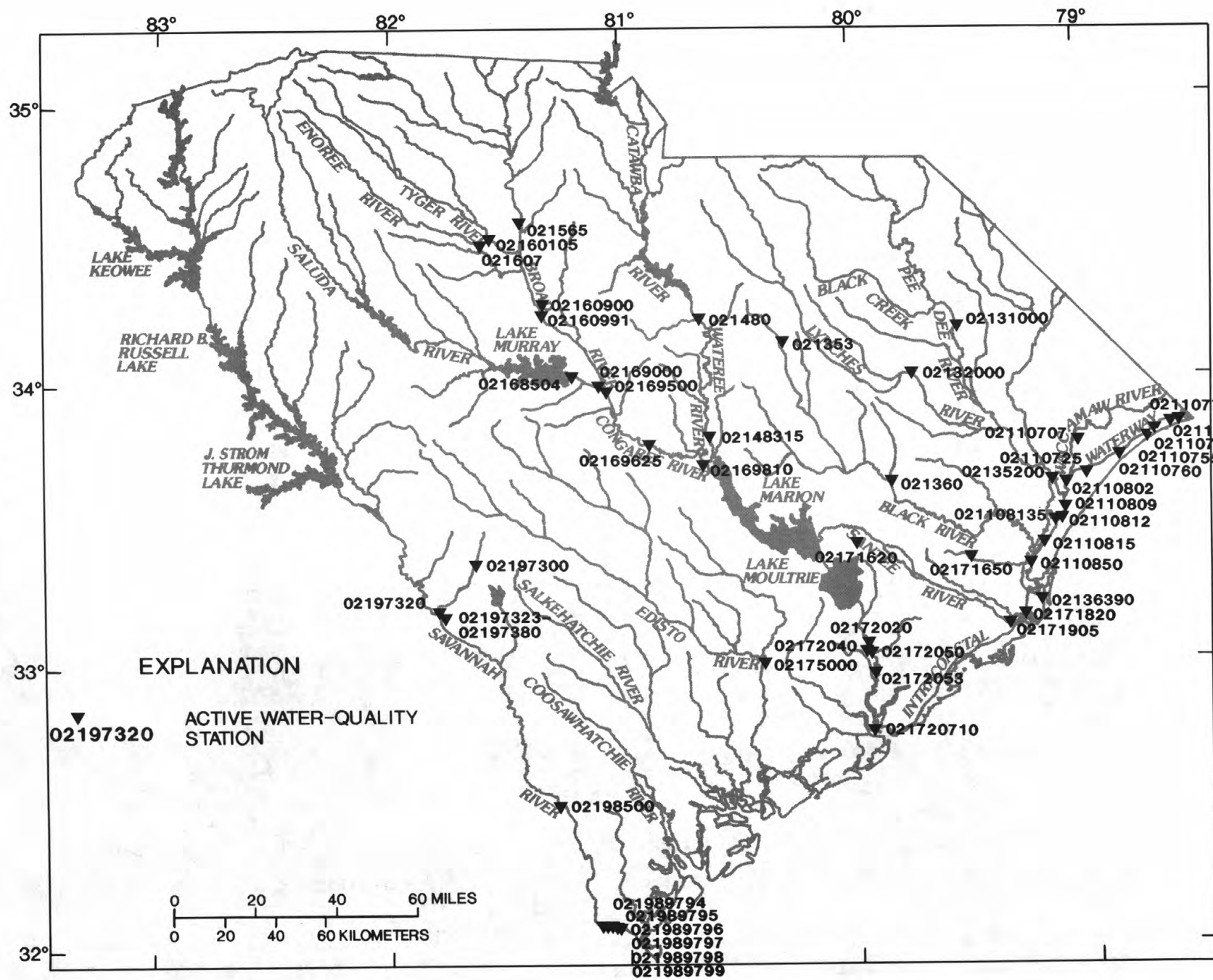

Figure 4.--Location of water-quality stations.

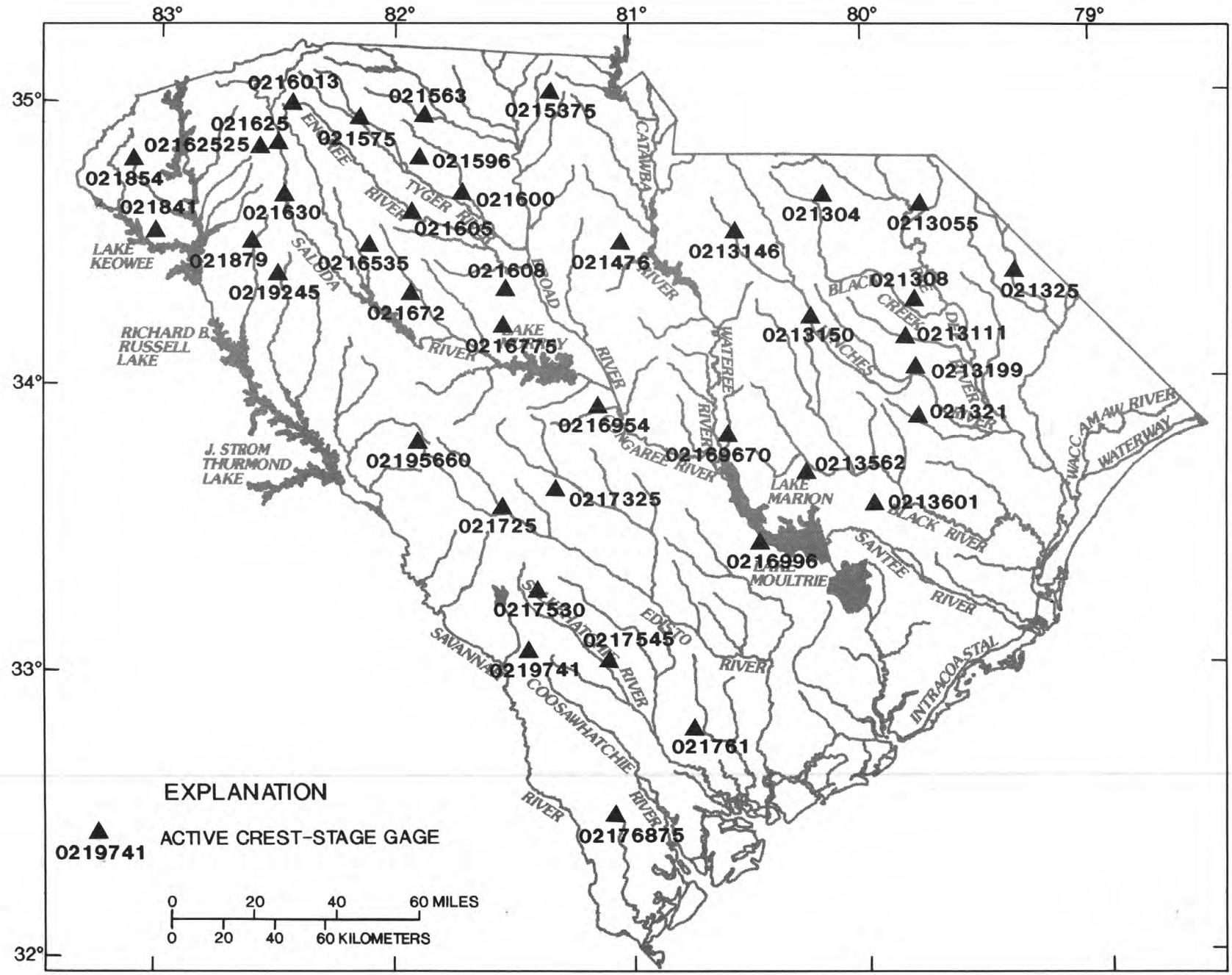

Figure 5.--Location of crest-stage stations.

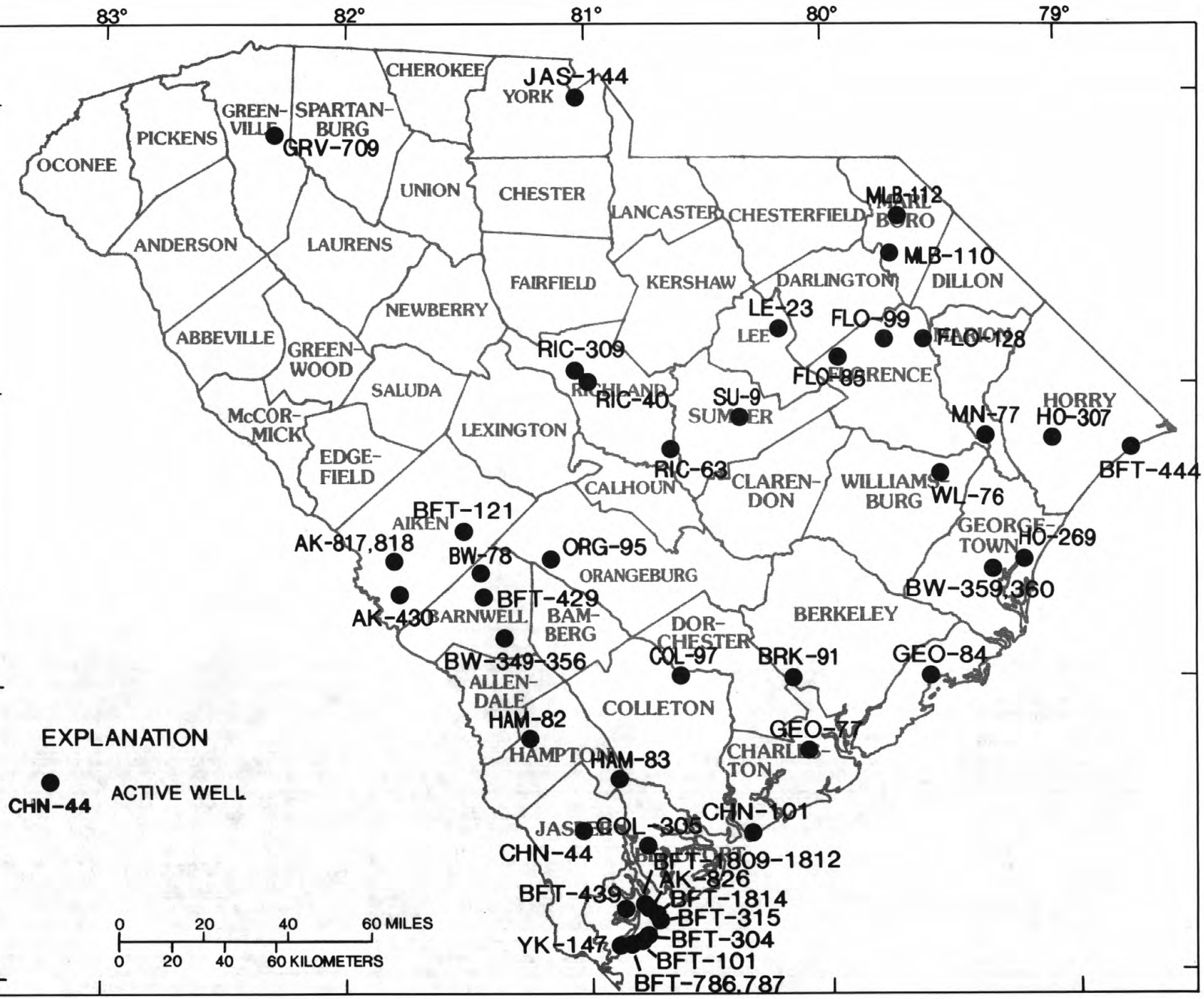

Figure 6.--Location of ground-water wells.

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 and data collection platform. Datum of gage is 5.28 ft above National Geodetic Vertical datum of 1929 (levels of Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Feb. 11, 13, May 16, which are fair.

AVERAGE DISCHARGE.--39 years, 1,192 ft^3/s, 14.58 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, 3,440 ft^3/s, Sept. 29, 30, gage height, 10.84 ft; minimum, 78 ft^3/s, Nov. 23, gage height, 1.38 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	532	114	150	96	258	579	2490	2680	713	477	1270	953
2	476	116	147	97	253	605	2490	2450	644	444	1310	917
3	424	115	141	103	246	692	2500	2200	581	394	1380	943
4	520	114	135	151	236	768	2520	1970	516	335	1370	922
5	566	122	128	164	227	832	2550	1760	443	282	1340	879
6	538	124	123	174	220	885	2550	1630	399	273	1290	835
7	517	119	118	188	211	927	2470	1520	394	252	1230	830
8	511	114	114	203	203	1030	2350	1440	461	228	1160	812
9	511	111	108	216	195	1200	2220	1390	614	224	1090	773
10	504	108	105	222	188	1340	2250	1340	607	224	1000	727
11	482	105	102	223	182	1410	2520	1270	574	214	914	680
12	444	100	99	222	176	1450	2590	1190	563	194	822	630
13	397	96	94	217	166	1480	2460	1110	582	173	718	577
14	358	93	92	211	159	1480	2330	1030	607	190	618	544
15	321	90	88	208	152	1490	2440	1010	620	171	553	526
16	286	86	89	212	145	1500	2900	990	599	150	508	513
17	258	86	96	209	138	1520	3070	975	658	140	492	506
18	235	82	97	208	153	1510	3090	981	831	137	503	482
19	217	79	97	211	181	1510	3020	1010	813	125	529	450
20	202	85	98	215	184	1500	2960	1040	769	121	566	421
21	189	85	99	217	201	1510	3050	1080	698	144	600	404
22	181	80	101	219	314	1540	3120	1110	669	194	643	607
23	171	84	106	227	387	1590	3140	1130	772	295	711	719
24	160	117	113	238	436	2000	3200	1130	762	426	804	779
25	151	127	114	244	477	2170	3280	1110	730	470	920	908
26	144	125	111	248	507	2180	3340	1070	689	538	1040	1640
27	136	129	106	253	534	2180	3340	1010	637	647	1120	2530
28	129	138	102	262	557	2210	3270	959	582	812	1130	3170
29	124	146	100	264	---	2300	3120	905	524	965	1110	3400
30	117	148	96	263	---	2390	2910	844	507	1110	1060	3440
31	113	---	94	262	---	2460	---	779	---	1210	1010	---
TOTAL	9914	3238	3363	6447	7286	46238	83540	40113	18558	11559	28811	31517
MEAN	320	108	108	208	260	1492	2785	1294	619	373	929	1051
MAX	566	148	150	264	557	2460	3340	2680	831	1210	1380	3440
MIN	113	79	88	96	138	579	2220	779	394	121	492	404

CAL YR 1988 TOTAL 241876 MEAN 661 MAX 2430 MIN 34
WTR YR 1989 TOTAL 290584 MEAN 796 MAX 3440 MIN 79

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC

LOCATION.--Lat 33°48'00'', long 79°03'19'', Horry County, Hydrologic Unit 03040206, on right bank at Pitch Landing, 0.1 mi downstream of Pitch Lodge Lake, 2.4 mi south of Conway, and at mile 39.7.

PERIOD OF RECORD.--March 1986 to June 1989 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1986 to June 1989.
pH: March 1986 to June 1989.
WATER TEMPERATURE: March 1986 to June 1989.
DISSOLVED OXYGEN: March 1986 to June 1989.

INSTRUMENTATION.--Water-quality monitor since March 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 195 microsiemens, Aug. 17, 1988; minimum, 40 microsiemens, Mar. 10-20, 1987.
pH: Maximum, 7.7 units, July 23, 1988; minimum, 5.0 units, Sept. 14, 15, 1988.
WATER TEMPERATURE: Maximum, 34.0°C, July 11, 1987; minimum, 2.5°C, Jan. 16, 17, 1988.
DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Jan. 18, 1988; minimum, 1.8 mg/L, July 24, 25, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 170 microsiemens, Mar. 24; minimum, 70 microsiemens, Apr. 1, 20, 21, 24, 30, May 3.
pH: Maximum, 7.1 units, Nov. 19, 21, 22; minimum, 5.1 units, Apr. 7, 8, 9, 10.
WATER TEMPERATURE: Maximum, 28.5°C, June 4, 5; minimum, 6.0°C, Dec. 14, 19, 20.
DISSOLVED OXYGEN: Maximum, 10.1 mg/L, Jan. 26; minimum, 3.1 mg/L, Oct. 1, May 3, 4.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	115	104	112	117	104	113	100	70	83	130	90	107
2	125	105	113	122	110	116	100	80	91	150	130	144
3	117	106	115	140	120	133	100	80	92	150	70	94
4	127	107	113	150	130	144	100	90	95	90	80	81
5	118	107	114	150	100	126	110	90	101	90	80	83
6	129	108	117	130	120	124	120	100	111	100	90	91
7	120	109	116	130	90	109	110	100	104	100	80	86
8	120	100	112	110	90	101	100	100	100	110	80	91
9	110	100	106	110	100	102	110	90	99	100	80	86
10	110	100	106	110	100	106	120	100	107	100	80	87
11	120	100	108	120	100	113	120	100	110	100	80	88
12	120	100	108	140	120	127	120	110	115	110	80	94
13	---	---	---	140	120	130	130	120	125	100	80	91
14	---	---	---	140	130	134	110	100	103	100	80	91
15	---	---	---	140	130	134	110	100	105	100	80	89
16	---	---	---	140	120	130	110	90	103	90	80	87
17	---	---	---	130	120	128	100	80	94	100	80	91
18	---	---	---	150	130	141	90	80	85	100	90	96
19	---	---	---	150	130	139	90	80	85	100	80	91
20	---	---	---	150	130	138	90	70	80	100	90	91
21	---	---	---	160	140	152	90	70	82	100	90	90
22	---	---	---	160	140	149	90	80	82	100	90	91
23	130	120	122	160	140	150	90	80	81	100	80	91
24	120	110	118	170	150	159	90	70	80	100	80	90
25	120	110	117	160	130	150	90	80	81	90	80	87
26	120	108	116	140	120	130	90	80	83	90	80	86
27	125	106	115	140	110	124	100	80	86	90	80	87
28	122	108	114	120	110	112	90	80	84	90	80	86
29	---	---	---	110	100	106	100	80	85	90	80	84
30	---	---	---	110	80	94	90	70	84	90	80	84
31	---	---	---	90	80	81	---	---	---	90	80	85
MONTH	130	100	113	170	80	126	130	70	94	150	70	91
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	80	90	---	---	---	---	---	---	---	---	---
2	100	80	91	---	---	---	---	---	---	---	---	---
3	100	80	91	---	---	---	---	---	---	---	---	---
4	100	80	89	---	---	---	---	---	---	---	---	---
5	100	90	91	---	---	---	---	---	---	---	---	---
6	100	90	95	---	---	---	---	---	---	---	---	---
7	110	90	99	---	---	---	---	---	---	---	---	---
8	100	90	99	---	---	---	---	---	---	---	---	---
9	100	90	99	---	---	---	---	---	---	---	---	---
10	110	100	106	---	---	---	---	---	---	---	---	---
11	110	100	104	---	---	---	---	---	---	---	---	---
12	110	100	104	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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17	---	---	---	---	---	---	---	---	---	---	---	---
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21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
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24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	110	80	96	---	---	---	---	---	---	---	---	---
YEAR	170	70	113									

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.4	5.7	6.7	6.4	7.0	6.9	6.9	6.8	6.8	6.6	6.8	6.6
2	6.4	5.8	6.7	6.7	7.0	6.9	6.9	6.8	6.7	6.6	6.8	6.6
3	6.6	6.1	6.7	6.7	7.0	6.8	6.9	6.8	6.7	6.6	6.8	6.6
4	6.6	6.4	6.8	6.7	6.9	6.8	6.9	6.8	6.8	6.6	6.7	6.6
5	6.6	6.5	6.8	6.7	6.9	6.8	6.9	6.8	6.9	6.7	6.7	6.5
6	6.6	6.5	6.8	6.7	6.9	6.8	6.9	6.9	6.8	6.7	6.6	6.5
7	6.6	6.5	6.8	6.7	6.9	6.8	6.9	6.8	6.8	6.7	6.6	6.3
8	6.6	6.5	6.8	6.7	6.9	6.8	6.9	6.8	6.8	6.7	6.4	6.3
9	6.6	6.5	6.8	6.7	6.9	6.8	6.9	6.7	6.8	6.7	6.4	6.3
10	6.6	6.5	6.8	6.7	6.9	6.8	6.8	6.8	6.9	6.7	6.4	6.3
11	6.6	6.5	6.8	6.7	6.9	6.8	6.8	6.7	6.9	6.7	6.3	6.2
12	6.6	6.5	6.8	6.7	7.0	6.9	6.8	6.7	6.9	6.8	6.3	6.2
13	6.5	6.4	6.8	6.7	7.0	6.9	6.8	6.7	---	---	6.2	6.1
14	6.4	6.2	6.9	6.7	7.0	6.9	6.8	6.7	---	---	6.2	6.1
15	6.3	6.2	6.8	6.7	7.0	6.9	6.8	6.7	---	---	6.1	6.0
16	6.3	6.2	6.9	6.8	7.0	6.8	6.8	6.7	---	---	6.1	6.0
17	6.3	6.3	7.0	6.8	7.0	6.9	6.8	6.6	---	---	6.0	5.9
18	6.3	6.3	7.0	6.9	7.0	6.9	6.8	6.6	---	---	6.1	6.0
19	6.4	6.3	7.1	6.9	7.0	6.8	6.8	6.7	---	---	6.1	6.0
20	6.4	6.3	7.0	6.9	7.0	6.8	6.8	6.7	---	---	6.1	6.0
21	6.4	6.3	7.1	6.9	6.9	6.8	6.8	6.6	---	---	6.1	6.0
22	6.4	6.3	7.1	6.9	6.9	6.7	6.8	6.7	---	---	6.1	5.9
23	6.4	6.3	7.0	6.9	6.9	6.8	6.9	6.7	7.0	6.9	5.9	5.7
24	6.4	6.3	7.0	6.9	6.9	6.8	6.8	6.7	7.0	6.8	5.7	5.5
25	6.4	6.3	7.0	6.9	6.9	6.8	6.7	6.6	7.0	6.8	5.8	5.6
26	6.3	6.3	7.0	6.9	6.9	6.8	6.7	6.7	6.9	6.8	6.0	5.6
27	6.4	6.2	7.0	6.9	6.9	6.8	6.8	6.6	6.9	6.7	6.0	5.7
28	6.4	6.3	7.0	6.9	6.9	6.8	6.7	6.7	6.8	6.7	6.0	5.6
29	6.4	6.3	7.0	6.9	6.9	6.8	6.8	6.6	---	---	6.1	5.6
30	6.5	6.4	7.0	6.9	6.9	6.8	6.8	6.6	---	---	6.1	5.6
31	6.5	6.4	---	---	6.9	6.8	6.7	6.6	---	---	5.9	5.3
MONTH	6.6	5.7	7.1	6.4	7.0	6.7	6.9	6.6	7.0	6.6	6.8	5.3

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.9	5.4	5.9	5.8	6.1	5.8	---	---	---	---	---	---
2	5.8	5.4	6.0	5.9	6.1	5.9	---	---	---	---	---	---
3	5.7	5.3	6.0	5.9	---	---	---	---	---	---	---	---
4	5.6	5.3	5.9	5.8	---	---	---	---	---	---	---	---
5	5.4	5.2	5.9	5.8	---	---	---	---	---	---	---	---
6	5.3	5.2	5.9	5.8	---	---	---	---	---	---	---	---
7	5.2	5.1	6.0	5.9	---	---	---	---	---	---	---	---
8	5.3	5.1	6.0	5.9	---	---	---	---	---	---	---	---
9	5.2	5.1	6.0	5.9	---	---	---	---	---	---	---	---
10	5.3	5.1	6.1	5.9	---	---	---	---	---	---	---	---
11	5.3	5.3	6.1	5.9	---	---	---	---	---	---	---	---
12	5.4	5.3	6.1	6.0	---	---	---	---	---	---	---	---
13	5.4	5.2	6.1	6.0	---	---	---	---	---	---	---	---
14	5.8	5.3	6.2	5.9	---	---	---	---	---	---	---	---
15	6.0	5.6	6.1	5.9	---	---	---	---	---	---	---	---
16	6.1	5.9	6.2	6.0	---	---	---	---	---	---	---	---
17	6.0	5.9	6.2	6.0	---	---	---	---	---	---	---	---
18	6.0	5.8	6.2	6.0	---	---	---	---	---	---	---	---
19	6.1	6.0	6.2	5.9	---	---	---	---	---	---	---	---
20	6.1	6.0	6.3	6.1	---	---	---	---	---	---	---	---
21	6.1	5.9	6.2	6.0	---	---	---	---	---	---	---	---
22	6.1	6.0	6.2	5.9	---	---	---	---	---	---	---	---
23	6.1	6.0	6.2	5.9	---	---	---	---	---	---	---	---
24	6.1	6.0	6.2	6.0	---	---	---	---	---	---	---	---
25	6.1	6.1	6.2	6.0	---	---	---	---	---	---	---	---
26	6.1	6.0	6.1	5.9	---	---	---	---	---	---	---	---
27	6.0	5.8	6.1	5.9	---	---	---	---	---	---	---	---
28	5.9	5.7	6.1	5.9	---	---	---	---	---	---	---	---
29	5.9	5.6	6.1	5.8	---	---	---	---	---	---	---	---
30	5.8	5.7	6.1	5.9	---	---	---	---	---	---	---	---
31	---	---	6.1	5.8	---	---	---	---	---	---	---	---
MONTH	6.1	5.1	6.3	5.8	6.1	5.8	---	---	---	---	---	---
YEAR	7.1	5.1										

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--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									
2	27.5	26.0	26.5									
3	28.0	26.5	27.5									
4	28.5	27.5	28.0									
5	28.5	28.0	28.0									
6	28.0	27.5	28.0									
7	27.5	27.0	27.5									
8	27.5	27.0	27.0									
9	27.0	26.5	27.0									
10	27.5	26.0	26.5									
11	28.0	26.5	27.0									
12	27.5	26.5	27.5									
13	---	---	---									
14	---	---	---									
15	---	---	---									
16	---	---	---									
17	---	---	---									
18	---	---	---									
19	---	---	---									
20	---	---	---									
21	---	---	---									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
MONTH	28.5	25.5	27.0									
YEAR	28.5	6.0	15.5									

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3.8	3.1	3.5	5.5	5.2	5.4	7.0	6.7	6.9	8.3	8.0	8.2
2	3.9	3.2	3.5	5.5	5.2	5.3	7.3	6.8	7.0	8.2	8.0	8.1
3	3.6	3.2	3.5	5.7	5.3	5.5	7.5	7.1	7.2	8.1	7.9	8.1
4	3.8	3.3	3.6	5.9	5.4	5.6	7.6	7.0	7.3	8.7	8.0	8.2
5	4.3	3.7	4.0	5.7	5.3	5.5	7.8	7.4	7.6	8.5	8.1	8.3
6	4.6	4.2	4.4	5.7	5.2	5.4	7.9	7.5	7.8	8.5	8.2	8.4
7	4.8	4.3	4.6	5.6	5.3	5.4	7.9	7.4	7.7	8.3	8.0	8.1
8	4.9	4.5	4.7	5.8	5.4	5.6	7.9	7.6	7.7	8.1	7.9	8.0
9	5.0	4.7	4.9	5.9	5.5	5.7	7.9	7.6	7.8	8.0	7.7	7.9
10	5.0	4.6	4.9	5.8	5.4	5.7	8.0	7.7	7.8	7.9	7.7	7.9
11	5.1	4.7	5.0	5.8	5.4	5.6	8.1	7.7	7.9	7.9	7.7	7.8
12	5.4	4.9	5.2	6.0	5.5	5.7	8.9	8.0	8.2	7.9	7.6	7.8
13	5.8	5.1	5.5	6.1	5.5	5.8	9.3	8.4	8.9	7.9	7.7	7.8
14	5.9	5.6	5.7	6.0	5.7	5.9	9.4	8.5	9.1	8.2	7.9	8.0
15	5.9	5.7	5.8	6.2	5.8	6.0	9.2	8.7	9.0	8.3	8.1	8.2
16	6.0	5.7	5.8	6.3	6.0	6.1	9.1	8.6	8.9	8.4	8.1	8.2
17	5.8	5.6	5.7	6.4	6.1	6.2	9.1	8.9	9.0	8.6	8.2	8.4
18	5.8	5.5	5.7	6.4	6.1	6.2	9.2	8.9	9.1	8.7	8.3	8.5
19	5.8	5.6	5.7	6.6	6.0	6.3	9.2	8.9	9.1	8.8	8.4	8.6
20	5.7	5.5	5.6	6.6	6.0	6.3	9.2	9.0	9.1	8.9	8.6	8.8
21	5.7	5.4	5.5	6.6	6.1	6.3	9.2	8.9	9.0	9.4	8.7	9.1
22	5.7	5.4	5.5	6.8	6.3	6.5	9.0	8.7	8.8	9.9	9.2	9.5
23	5.9	5.5	5.7	7.2	6.4	6.8	8.8	8.4	8.7	10.0	9.7	9.8
24	5.7	5.3	5.5	7.3	6.8	7.1	8.7	8.2	8.4	10.0	9.6	9.8
25	5.6	5.3	5.5	7.2	6.7	7.0	8.7	8.2	8.4	9.8	9.6	9.7
26	5.7	5.3	5.5	7.0	6.3	6.7	8.8	8.2	8.4	10.1	9.5	9.8
27	5.7	5.2	5.4	6.8	6.3	6.6	8.6	8.1	8.3	9.6	9.4	9.5
28	5.5	5.2	5.4	6.6	6.2	6.4	8.6	8.2	8.4	9.5	9.2	9.4
29	5.5	5.1	5.3	6.9	6.5	6.7	8.8	8.3	8.5	9.5	9.2	9.3
30	5.5	5.2	5.3	7.0	6.7	6.9	8.6	8.2	8.4	9.3	9.1	9.2
31	5.5	5.2	5.3	---	---	---	8.4	8.1	8.3	9.3	8.9	9.1
MONTH	6.0	3.1	5.1	7.3	5.2	6.1	9.4	6.7	8.3	10.1	7.6	8.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.1	8.9	9.0	9.4	9.2	9.3	5.4	5.0	5.2	3.8	3.6	3.7
2	9.0	8.7	8.9	9.4	9.2	9.3	5.3	5.0	5.2	3.6	3.3	3.4
3	8.9	8.5	8.7	9.4	9.0	9.2	5.3	5.1	5.2	3.3	3.1	3.3
4	8.6	8.4	8.5	9.0	8.7	8.9	5.3	5.2	5.3	3.3	3.1	3.2
5	8.4	8.2	8.3	8.8	8.1	8.6	5.2	5.1	5.2	3.6	3.3	3.4
6	8.3	8.0	8.2	8.5	7.9	8.3	5.1	4.9	5.0	3.9	3.5	3.7
7	8.1	7.8	8.0	8.0	7.6	7.8	5.0	4.8	4.9	3.8	3.5	3.6
8	8.1	7.8	8.0	8.0	7.6	7.8	5.1	4.9	5.0	3.7	3.2	3.6
9	8.4	7.9	8.1	8.3	7.9	8.1	5.2	5.0	5.1	3.7	3.4	3.5
10	9.0	8.2	8.5	8.8	8.4	8.6	5.7	5.3	5.5	4.1	3.5	3.8
11	9.1	8.6	8.8	9.1	8.8	9.0	6.4	5.8	6.1	4.3	3.7	4.0
12	9.0	8.5	8.7	9.3	9.1	9.2	6.7	6.4	6.5	4.6	4.0	4.3
13	---	---	---	9.1	8.8	9.0	6.8	6.7	6.8	5.1	4.1	4.6
14	---	---	---	8.8	8.4	8.6	6.9	6.7	6.8	5.2	4.3	4.8
15	---	---	---	8.3	8.0	8.2	6.8	6.7	6.7	5.2	4.4	4.9
16	---	---	---	7.9	7.6	7.8	6.7	6.3	6.5	5.2	4.4	4.9
17	---	---	---	7.6	7.3	7.5	6.3	6.0	6.2	5.2	4.0	5.0
18	---	---	---	7.4	7.1	7.2	6.0	5.7	5.9	5.1	4.1	4.8
19	---	---	---	7.0	6.8	7.0	5.7	5.5	5.6	4.9	4.0	4.7
20	---	---	---	6.8	6.6	6.7	5.5	5.3	5.4	5.0	4.1	4.7
21	---	---	---	6.5	6.4	6.5	5.6	5.4	5.5	5.2	4.2	4.8
22	---	---	---	6.4	6.3	6.3	5.4	5.1	5.3	4.7	4.1	4.5
23	8.4	8.1	8.3	6.8	6.3	6.6	5.1	5.0	5.1	4.6	3.4	4.3
24	9.3	8.3	8.7	7.2	6.7	6.9	5.0	4.9	5.0	4.7	3.9	4.4
25	9.7	8.9	9.3	7.5	7.2	7.3	5.1	4.9	5.0	4.5	4.0	4.3
26	9.8	9.1	9.4	7.5	7.4	7.4	4.9	4.5	4.7	4.3	3.3	4.0
27	9.6	9.2	9.4	7.4	7.0	7.1	4.5	4.3	4.4	4.6	3.5	4.2
28	9.4	9.1	9.3	6.9	6.5	6.7	4.3	4.1	4.2	4.9	3.6	4.3
29	---	---	---	6.5	6.0	6.2	4.1	3.9	4.0	4.7	4.0	4.4
30	---	---	---	6.0	5.6	5.8	4.0	3.8	3.9	4.4	3.6	4.1
31	---	---	---	5.6	5.2	5.4	---	---	---	4.3	3.5	4.0
MONTH	9.8	7.8	8.7	9.4	5.2	7.7	6.9	3.8	5.4	5.2	3.1	4.2

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.2	3.6	4.0	---	---	---	---	---	---	---	---	---
2	4.1	3.5	3.9	---	---	---	---	---	---	---	---	---
3	4.5	3.4	4.0	---	---	---	---	---	---	---	---	---
4	4.6	3.6	4.0	---	---	---	---	---	---	---	---	---
5	4.2	3.5	3.9	---	---	---	---	---	---	---	---	---
6	4.2	3.5	3.9	---	---	---	---	---	---	---	---	---
7	4.2	3.5	3.9	---	---	---	---	---	---	---	---	---
8	4.0	3.3	3.6	---	---	---	---	---	---	---	---	---
9	4.3	3.6	4.0	---	---	---	---	---	---	---	---	---
10	5.0	3.2	4.1	---	---	---	---	---	---	---	---	---
11	5.1	3.7	4.4	---	---	---	---	---	---	---	---	---
12	4.5	3.4	4.1	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	5.1	3.2	4.0	---	---	---	---	---	---	---	---	---
YEAR	10.1	3.1	6.5									

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, SC

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

PERIOD OF RECORD.--February 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1986 to current year.
pH: February 1986 to current year.
WATER TEMPERATURE: February 1986 to current year.
DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since February 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 174 microsiemens, Apr. 18, 1987; minimum, 47 microsiemens, Mar. 27, 1987.
pH: Maximum, 7.7 units, Aug. 29, 1988; minimum, 5.1 units, Sept. 13, 1988.
WATER TEMPERATURE: Maximum, 32.5°C, July 12, 1989; minimum, 3.0°C, Jan. 12, 13, 15-17, 1988.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 13, 14, 16-18, 1988; minimum, 0.5 mg/L, Sept. 28, 29, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 160 microsiemens, Sept. 30; minimum, 70 microsiemens, many days throughout year.
pH: Maximum, 7.2 units, Nov. 19 - 21, Dec. 4; minimum, 5.4 units, Apr. 30, May 1 - 2.
WATER TEMPERATURE: Maximum, 32.5°C, July 12; minimum, 6.0°C, Dec. 19.
DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Dec. 20; minimum, 0.5 mg/L, Sept. 28, 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	90	80	83	100	90	96	116	106	115	140	130	134
2	90	80	84	110	90	99	117	107	115	140	130	134
3	90	80	82	100	90	98	127	117	118	140	130	136
4	90	80	80	100	90	93	128	117	120	140	130	135
5	90	80	81	100	90	96	128	118	119	140	130	136
6	90	80	82	110	100	105	129	118	122	140	130	136
7	90	80	81	110	100	102	129	119	124	140	130	137
8	90	70	81	100	90	96	130	119	124	140	130	135
9	90	80	82	100	90	97	130	120	126	140	130	132
10	90	80	82	100	90	99	130	120	128	140	130	132
11	90	80	84	110	100	101	130	120	125	140	130	131
12	90	80	84	110	100	102	130	120	126	130	130	130
13	90	80	80	110	100	101	130	120	126	130	130	130
14	80	70	80	110	100	104	130	120	125	140	130	131
15	90	70	80	110	100	103	130	120	124	140	130	134
16	90	80	81	110	100	102	130	120	124	140	130	132
17	90	80	82	110	100	102	130	120	127	140	130	132
18	90	80	83	110	100	105	130	120	126	140	130	131
19	90	80	81	111	100	106	130	120	125	130	120	130
20	90	80	83	111	101	106	130	120	127	130	120	130
21	90	80	85	121	101	111	130	120	128	130	120	128
22	90	80	85	112	102	111	140	130	131	130	120	128
23	90	80	89	113	102	108	140	130	131	130	120	126
24	90	80	88	113	103	109	140	130	132	130	120	125
25	90	80	88	114	103	109	140	130	131	130	120	122
26	90	90	90	114	104	111	140	130	130	130	120	125
27	90	90	90	115	104	108	140	130	132	130	120	126
28	100	90	90	115	105	111	140	130	134	130	120	127
29	100	80	90	116	105	107	140	130	133	130	120	127
30	90	80	90	116	106	111	140	130	134	130	120	125
31	100	80	91	---	---	---	140	130	136	130	120	126
MONTH	100	70	84	121	90	104	140	106	126	140	120	130

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	130	120	123	129	118	126	90	80	87	80	70	77
2	130	120	123	128	117	123	90	80	89	80	70	77
3	130	120	126	127	116	122	90	80	87	80	70	78
4	130	120	127	126	115	117	90	80	82	80	70	78
5	130	120	124	125	104	114	80	70	80	80	70	78
6	130	120	124	114	103	111	90	70	80	80	70	77
7	130	120	122	113	102	107	80	70	79	80	70	77
8	130	120	122	112	101	104	90	70	82	80	70	77
9	130	120	122	111	90	100	90	80	82	80	70	77
10	130	120	121	100	90	94	90	80	85	80	70	79
11	120	110	119	100	80	90	90	80	84	90	70	78
12	120	110	120	100	80	90	90	80	83	80	70	78
13	130	110	120	100	90	96	90	80	82	90	80	80
14	130	120	121	100	90	95	90	80	84	80	70	80
15	130	120	121	100	90	96	90	80	82	90	80	80
16	130	120	123	100	90	97	90	70	81	80	70	79
17	121	121	121	100	90	95	80	70	79	80	70	79
18	122	112	121	100	90	95	90	70	80	80	70	79
19	133	112	122	100	90	97	80	80	80	80	70	79
20	134	123	126	100	90	93	80	70	77	80	70	77
21	134	124	126	100	90	94	80	70	75	80	70	77
22	136	125	130	100	90	94	80	70	77	90	70	79
23	137	126	127	100	90	93	80	70	77	90	80	82
24	128	117	124	100	90	93	80	70	77	90	80	84
25	129	118	127	100	90	92	80	70	77	90	80	83
26	140	129	130	100	90	92	80	70	77	90	80	84
27	140	130	131	100	90	93	90	70	80	90	80	84
28	139	129	130	100	90	91	80	70	80	90	80	83
29	---	---	---	90	90	90	80	70	77	90	80	85
30	---	---	---	90	80	90	80	70	78	90	80	84
31	---	---	---	90	80	89	---	---	---	90	80	85
MONTH	140	110	124	129	80	99	90	70	81	90	70	80
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	80	84	100	90	93	110	100	102	80	80	80
2	90	80	85	100	90	97	110	100	103	80	70	80
3	90	80	83	100	90	94	110	90	98	80	70	77
4	90	80	82	100	90	93	100	90	98	80	70	75
5	90	80	84	100	90	92	100	90	99	80	70	72
6	90	80	84	100	90	91	100	90	97	80	70	72
7	90	80	83	100	90	90	100	90	95	80	70	73
8	90	80	84	100	90	91	100	90	92	80	70	73
9	90	80	86	100	90	92	100	79	90	80	70	75
10	90	80	85	100	90	93	99	79	90	80	70	75
11	90	80	85	100	90	96	89	79	85	80	70	78
12	90	80	87	100	90	94	88	78	83	81	70	80
13	90	80	89	100	90	97	88	78	81	81	71	81
14	100	90	92	100	90	97	88	77	80	82	81	81
15	100	90	94	100	90	98	87	77	81	92	82	83
16	100	90	98	100	90	98	87	76	81	93	82	84
17	110	90	100	100	90	99	86	76	81	93	83	84
18	100	90	99	100	90	97	86	75	81	84	83	84
19	110	90	100	100	90	97	85	75	81	84	74	82
20	110	100	102	100	90	98	85	75	83	85	74	82
21	110	90	100	100	90	98	94	84	84	95	85	87
22	100	90	98	100	90	98	94	84	86	126	105	119
23	100	90	94	100	90	94	94	83	86	136	116	125
24	100	90	94	100	90	97	93	83	88	126	106	116
25	100	90	92	110	90	107	93	82	88	127	107	117
26	100	90	90	110	100	108	92	82	87	148	127	132
27	100	90	92	110	100	107	92	82	90	158	118	138
28	100	90	93	110	100	104	91	81	89	159	129	141
29	100	90	92	110	100	102	91	81	88	159	129	142
30	100	90	92	110	100	102	91	80	82	160	130	142
31	---	---	---	110	100	102	90	80	83	---	---	---
MONTH	110	80	91	110	90	97	110	75	88	160	70	94
YEAR	160	70	100									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.7	6.4	7.0	6.6	7.1	6.9	6.9	6.8	6.6	6.5	6.6	6.5
2	6.7	6.4	7.0	6.8	7.1	6.9	6.8	6.8	6.6	6.6	6.6	6.5
3	6.5	6.3	6.9	6.6	7.1	7.0	6.8	6.8	6.6	6.6	6.6	6.5
4	6.4	5.9	6.6	6.4	7.2	7.0	6.8	6.8	6.6	6.6	6.5	6.4
5	6.4	5.8	6.5	6.2	7.1	7.0	6.8	6.8	6.6	6.6	6.5	6.4
6	5.9	5.5	6.4	6.2	7.1	7.0	6.8	6.8	6.6	6.6	6.4	6.4
7	5.8	5.5	6.3	6.2	7.1	7.0	6.9	6.8	6.6	6.6	6.4	6.3
8	5.8	5.5	6.4	6.3	7.1	7.0	6.8	6.8	6.6	6.5	6.4	6.3
9	5.8	5.6	6.4	6.3	7.0	6.9	6.8	6.8	6.6	6.5	6.3	6.2
10	5.9	5.7	6.4	6.3	7.0	6.9	6.8	6.7	6.5	6.4	6.4	6.2
11	6.1	5.8	6.5	6.4	7.0	6.9	6.8	6.6	6.5	6.4	6.4	6.3
12	6.0	5.9	6.6	6.4	7.0	7.0	6.6	6.6	6.5	6.5	6.3	6.2
13	6.0	5.8	6.7	6.6	7.0	7.0	6.6	6.5	6.5	6.5	6.2	6.1
14	6.1	5.9	6.8	6.6	7.0	7.0	6.7	6.6	6.6	6.5	6.1	6.1
15	6.1	6.0	6.8	6.7	7.0	6.9	6.7	6.6	6.6	6.5	6.1	6.0
16	6.0	5.9	6.9	6.8	7.0	6.9	6.6	6.6	6.6	6.5	6.0	6.0
17	6.0	5.9	7.0	6.9	7.0	7.0	6.7	6.6	6.6	6.5	6.0	6.0
18	6.1	6.0	7.1	7.0	7.0	7.0	6.7	6.6	6.6	6.5	6.1	6.0
19	6.1	6.1	7.2	7.0	7.0	7.0	6.7	6.6	6.6	6.6	6.1	6.0
20	6.3	6.1	7.2	7.1	7.1	7.0	6.7	6.6	6.6	6.6	6.2	6.0
21	6.4	6.2	7.2	7.0	7.1	7.0	6.7	6.6	6.6	6.5	6.2	6.1
22	6.4	6.2	7.1	6.8	7.1	7.0	6.7	6.6	6.5	6.5	6.1	6.0
23	6.6	6.3	7.0	6.7	7.1	7.1	6.7	6.6	6.5	6.4	6.0	5.9
24	6.5	6.4	6.7	6.6	7.1	7.0	6.7	6.6	6.5	6.4	6.1	6.1
25	6.6	6.5	6.8	6.6	7.1	7.0	6.7	6.5	6.5	6.5	6.1	5.9
26	6.6	6.4	6.7	6.6	7.0	7.0	6.6	6.5	6.6	6.5	6.0	5.9
27	6.5	6.5	6.7	6.5	7.0	6.9	6.7	6.6	6.6	6.6	6.0	6.0
28	6.5	6.4	7.1	6.4	6.9	6.8	6.6	6.6	6.6	6.6	6.1	5.9
29	6.6	6.5	7.1	6.9	6.9	6.8	6.6	6.6	---	---	6.1	6.0
30	6.6	6.5	7.1	6.9	6.9	6.8	6.6	6.6	---	---	6.1	5.8
31	6.8	6.5	---	---	6.9	6.8	6.6	6.5	---	---	6.0	5.9
MONTH	6.8	5.5	7.2	6.2	7.2	6.8	6.9	6.5	6.6	6.4	6.6	5.8
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5.9	5.8	5.4	5.4	6.3	6.2	6.5	6.4	6.4	6.3	6.3	6.2
2	5.9	5.8	5.6	5.4	6.2	6.1	6.5	6.5	6.5	6.3	6.3	6.2
3	6.1	5.9	5.6	5.5	6.2	6.1	6.5	6.4	6.4	6.3	6.3	6.1
4	6.2	6.0	5.7	5.6	6.2	6.1	6.4	6.3	6.4	6.3	6.3	6.1
5	6.3	6.1	5.7	5.6	6.1	6.0	6.4	6.3	6.4	6.2	6.3	6.1
6	6.4	6.1	5.7	5.6	6.2	6.1	6.3	6.2	6.3	6.1	6.3	6.0
7	6.3	6.0	5.8	5.6	6.2	6.1	6.3	6.2	6.2	6.1	6.3	6.1
8	6.2	5.9	5.7	5.6	6.1	6.0	6.3	6.2	6.2	6.1	6.2	6.1
9	6.0	5.9	5.7	5.6	6.1	6.0	6.3	6.2	6.2	6.1	6.3	6.1
10	6.0	5.9	5.9	5.6	6.1	6.0	6.3	6.2	6.3	6.1	6.2	6.1
11	6.0	5.9	5.8	5.5	6.1	6.0	6.3	6.2	6.2	6.0	6.2	6.1
12	6.1	5.9	6.0	5.5	6.1	6.0	6.3	6.3	6.2	6.0	6.3	6.2
13	6.1	6.0	5.8	5.6	6.2	6.0	6.4	6.3	6.1	6.0	6.3	6.2
14	6.1	6.0	5.7	5.6	6.2	6.0	6.5	6.4	6.1	6.0	6.3	6.2
15	6.1	6.1	5.8	5.7	6.2	6.1	6.5	6.4	6.1	6.0	6.3	6.2
16	6.2	6.0	5.9	5.7	6.3	6.1	6.6	6.4	6.1	6.0	6.5	6.3
17	6.1	6.0	5.9	5.7	6.4	6.3	6.5	6.5	6.1	6.0	6.5	6.3
18	6.1	6.0	6.0	5.8	6.4	6.2	6.5	6.4	6.2	6.0	6.4	6.3
19	6.1	5.9	6.1	5.8	6.4	6.3	6.5	6.4	6.2	6.0	6.4	6.3
20	6.0	5.9	6.1	5.9	6.4	6.3	6.5	6.4	6.2	6.0	6.3	6.2
21	6.0	5.8	6.2	5.9	6.4	6.3	6.6	6.4	6.3	6.1	6.5	6.2
22	5.9	5.8	6.1	5.9	6.4	6.3	6.6	6.4	6.3	6.1	6.8	6.5
23	5.8	5.8	6.2	5.9	6.4	6.3	6.5	6.3	6.4	6.2	6.5	6.3
24	5.8	5.8	6.1	6.0	6.5	6.3	6.5	6.3	6.5	6.1	6.2	6.1
25	5.8	5.6	6.3	6.0	6.6	6.4	6.5	6.3	6.4	6.1	6.3	6.2
26	5.7	5.6	6.3	6.2	6.6	6.4	6.5	6.3	6.4	6.1	6.3	6.3
27	5.8	5.6	6.3	6.2	6.4	6.4	6.5	6.3	6.4	6.2	6.3	6.2
28	5.7	5.6	6.3	6.2	6.4	6.4	6.5	6.3	6.4	6.3	6.3	6.2
29	5.6	5.6	6.4	6.3	6.6	6.4	6.5	6.2	6.3	6.2	6.4	6.3
30	5.6	5.4	6.3	6.3	6.5	6.4	6.5	6.2	6.3	6.2	6.4	6.2
31	---	---	6.3	6.2	---	---	6.5	6.1	6.3	6.3	---	---
MONTH	6.4	5.4	6.4	5.4	6.6	6.0	6.6	6.1	6.5	6.0	6.8	6.0
YEAR	7.2	5.4										

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.0	26.5	28.5	27.5	28.0	29.0	28.0	28.5	27.5	27.0	27.5
2	28.5	26.5	27.0	28.0	27.0	27.5	28.5	28.0	28.0	28.0	27.0	27.5
3	28.5	27.0	27.5	27.5	27.0	27.0	28.5	27.5	28.0	27.5	26.5	27.0
4	28.5	27.5	28.0	28.0	27.0	27.5	29.0	27.5	27.5	26.5	25.5	26.0
5	29.0	28.0	28.5	28.0	27.0	27.5	28.5	27.5	28.0	25.5	25.0	25.0
6	28.0	27.5	28.0	28.5	27.5	28.0	29.0	28.0	28.5	25.5	25.0	25.0
7	28.0	27.0	27.5	29.0	27.5	28.5	29.5	28.5	28.5	26.0	25.0	25.5
8	28.0	27.0	27.0	29.5	28.5	29.0	28.5	27.5	28.0	25.5	25.0	25.0
9	27.0	26.5	26.5	30.0	29.0	29.5	27.5	25.5	26.5	25.5	24.5	25.0
10	28.0	26.5	27.0	31.0	29.5	30.0	25.5	24.5	25.0	25.5	24.5	25.0
11	28.0	27.0	27.5	32.0	30.0	30.5	24.5	23.5	24.0	25.5	24.5	25.0
12	28.5	27.0	28.0	32.5	30.5	31.0	24.5	23.5	23.5	26.0	25.0	25.5
13	29.0	28.0	28.5	32.0	31.0	31.5	24.5	23.5	24.0	26.0	25.0	25.5
14	30.0	28.0	29.0	31.5	31.0	31.0	24.0	24.0	24.0	26.0	25.5	25.5
15	31.0	28.5	29.5	31.0	30.5	31.0	24.5	24.0	24.0	26.0	25.5	25.5
16	30.5	29.0	29.5	30.5	30.0	30.0	25.0	24.0	24.5	26.0	25.0	25.5
17	29.5	28.5	29.0	30.5	29.5	30.0	25.0	24.5	25.0	25.5	25.0	25.5
18	29.5	28.5	29.0	30.0	29.5	29.5	25.5	24.5	25.0	25.0	25.0	25.0
19	29.0	28.5	28.5	30.0	29.5	29.5	25.5	25.0	25.0	25.0	24.5	24.5
20	28.5	28.0	28.5	29.5	29.0	29.5	25.5	25.0	25.5	24.5	24.0	24.0
21	28.5	28.0	28.5	29.5	28.5	29.0	26.0	25.0	25.5	24.5	24.0	24.5
22	29.0	28.0	28.5	29.5	28.5	29.0	27.5	25.5	26.0	25.0	24.5	24.5
23	28.5	28.0	28.0	29.5	28.5	29.0	27.5	26.5	27.0	25.0	24.5	24.5
24	28.5	27.5	28.0	31.0	29.0	29.5	28.0	27.0	27.0	24.5	23.0	23.5
25	28.5	27.5	28.0	30.5	29.5	29.5	28.0	27.0	27.5	23.0	21.5	22.0
26	29.0	27.5	28.0	30.5	29.0	29.5	27.5	27.0	27.5	21.5	21.0	21.5
27	29.0	27.5	28.5	29.5	28.5	29.0	27.0	27.0	27.0	21.5	21.0	21.5
28	29.5	28.0	29.0	30.0	28.5	29.0	27.5	26.5	27.0	21.0	21.0	21.0
29	29.0	28.5	29.0	30.0	28.5	29.5	27.5	26.5	27.0	21.5	21.0	21.0
30	29.0	28.0	28.5	29.5	29.0	29.0	28.0	26.5	27.0	21.5	21.5	21.5
31	---	---	---	28.5	28.0	28.5	27.5	27.0	27.0	---	---	---
MONTH	31.0	26.0	28.0	32.5	27.0	29.0	29.5	23.5	26.5	28.0	21.0	24.5
YEAR	32.5	6.0	19.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3.4	2.8	3.0	6.9	6.0	6.4	6.2	6.0	6.1	9.1	8.8	9.0
2	3.2	2.8	3.0	6.8	6.5	6.7	6.4	6.1	6.2	9.0	8.8	8.9
3	3.9	2.6	2.8	6.9	6.2	6.6	6.7	6.3	6.5	9.0	8.5	8.8
4	3.5	3.2	3.3	6.5	6.0	6.2	7.0	6.6	6.7	9.1	8.9	9.0
5	3.7	3.3	3.5	7.0	5.7	6.4	7.1	6.8	6.9	9.0	8.8	8.9
6	3.8	3.3	3.5	7.5	6.4	6.9	7.6	7.0	7.3	9.1	8.6	8.9
7	4.2	3.5	3.9	7.1	6.3	6.7	7.8	7.4	7.5	9.4	8.9	9.2
8	4.9	4.2	4.5	6.5	5.9	6.2	7.6	7.4	7.5	9.4	9.0	9.1
9	5.1	4.6	4.9	6.2	5.1	5.9	7.7	7.4	7.5	9.0	8.6	8.9
10	5.3	5.0	5.1	6.3	5.4	6.0	8.2	7.7	7.9	9.0	8.7	8.9
11	5.7	5.1	5.4	6.2	5.0	5.9	8.5	8.1	8.3	8.9	8.5	8.7
12	5.7	5.3	5.5	6.6	5.9	6.3	8.9	8.4	8.7	8.8	8.3	8.7
13	5.7	5.2	5.5	6.6	6.0	6.4	9.3	8.7	9.0	8.6	8.2	8.4
14	6.1	5.5	5.8	6.4	6.0	6.2	9.6	9.2	9.5	8.4	8.1	8.3
15	6.2	5.9	6.1	6.3	5.6	6.0	9.8	9.5	9.7	8.4	8.1	8.3
16	6.4	6.0	6.2	5.9	5.3	5.6	10.0	9.7	9.8	8.7	8.1	8.4
17	6.6	6.2	6.3	5.8	5.0	5.6	10.1	9.8	9.9	8.4	8.2	8.3
18	6.6	6.3	6.4	5.7	5.2	5.5	10.4	10.0	10.2	8.6	8.2	8.4
19	6.7	6.2	6.4	5.5	5.2	5.4	10.6	10.4	10.5	8.7	8.4	8.5
20	6.7	6.3	6.5	5.8	5.2	5.5	10.7	10.4	10.5	8.8	8.5	8.6
21	6.9	6.3	6.6	5.9	5.5	5.7	10.3	10.1	10.2	9.0	8.6	8.8
22	6.9	6.5	6.7	5.8	5.4	5.6	10.2	9.9	10.1	9.5	8.9	9.1
23	6.9	6.5	6.7	6.2	5.5	5.8	10.1	9.9	10.0	10.1	9.4	9.7
24	6.9	6.3	6.5	6.3	5.9	6.1	10.1	9.9	10.0	10.2	9.9	10.1
25	6.6	6.1	6.3	6.2	5.9	6.1	10.0	9.5	9.9	10.2	9.8	10.0
26	6.7	5.9	6.4	6.3	6.0	6.1	10.0	9.7	9.9	10.0	9.3	9.7
27	6.8	5.9	6.4	6.2	5.9	6.1	9.8	9.5	9.7	9.6	9.2	9.4
28	6.7	6.1	6.3	6.5	6.0	6.3	9.7	9.3	9.6	9.3	9.0	9.2
29	6.6	5.8	6.3	6.4	6.1	6.3	9.6	9.3	9.5	9.2	8.9	9.1
30	6.7	6.0	6.3	6.3	6.0	6.1	9.4	8.9	9.2	9.3	9.0	9.1
31	6.6	6.2	6.3	---	---	---	9.2	8.7	9.1	9.1	8.8	9.0
MONTH	6.9	2.6	5.4	7.5	5.0	6.1	10.7	6.0	8.8	10.2	8.1	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.0	8.5	8.8	9.5	9.2	9.4	5.0	4.7	4.8	3.3	2.8	3.0
2	8.8	8.4	8.6	9.4	9.2	9.3	4.8	4.6	4.7	3.1	2.8	3.0
3	8.8	8.4	8.6	9.5	9.1	9.3	4.8	4.5	4.6	2.9	2.7	2.8
4	8.5	8.3	8.4	9.1	8.6	8.9	4.8	4.5	4.6	3.0	2.6	2.8
5	8.4	8.1	8.3	8.8	8.3	8.6	4.7	4.3	4.5	3.2	2.6	2.8
6	8.1	7.9	8.0	8.4	7.8	8.2	4.4	4.0	4.3	3.2	2.7	3.0
7	8.2	8.0	8.1	7.9	7.4	7.6	4.2	3.8	4.1	3.2	2.6	2.9
8	8.1	7.8	7.9	7.7	7.3	7.5	4.0	3.5	3.7	3.1	2.7	2.9
9	8.0	7.7	7.8	8.0	7.5	7.7	3.7	3.5	3.6	3.0	2.8	2.9
10	8.1	7.8	7.9	8.0	7.7	7.9	4.3	3.7	3.9	3.5	2.8	3.1
11	8.2	7.9	8.1	7.9	7.8	7.9	5.1	4.3	4.8	3.4	2.9	3.1
12	8.4	8.0	8.2	7.9	7.2	7.6	5.3	5.1	5.2	3.4	2.9	3.2
13	8.5	8.1	8.3	7.3	6.9	7.1	5.5	5.3	5.4	3.7	3.1	3.4
14	8.5	8.2	8.4	6.9	6.7	6.8	5.7	5.4	5.6	3.8	3.3	3.5
15	8.8	8.1	8.5	6.8	6.5	6.6	5.9	5.4	5.7	3.6	3.1	3.4
16	8.6	8.3	8.4	6.6	6.3	6.4	5.8	5.6	5.7	3.9	3.1	3.6
17	8.8	8.5	8.7	6.3	6.0	6.2	5.6	5.3	5.4	4.0	3.5	3.8
18	8.9	8.6	8.8	6.2	5.9	6.1	5.4	5.1	5.3	4.3	3.6	4.0
19	9.3	8.8	9.0	6.1	5.9	6.0	5.2	4.7	5.0	4.4	3.7	4.2
20	9.8	9.3	9.5	6.2	5.8	6.0	5.1	4.5	4.8	4.7	3.8	4.4
21	9.9	9.6	9.7	6.1	5.6	5.8	5.2	4.8	5.0	4.5	3.7	4.2
22	9.6	9.3	9.5	5.6	5.2	5.4	5.2	4.6	5.0	4.1	3.4	3.8
23	9.4	9.0	9.2	5.9	5.2	5.5	4.7	4.3	4.5	3.8	3.0	3.4
24	9.3	9.0	9.1	6.0	5.6	5.8	4.3	3.9	4.1	3.3	2.7	3.0
25	9.3	9.0	9.2	6.1	5.7	5.9	4.1	3.7	3.9	3.0	2.6	2.8
26	9.7	9.1	9.4	6.2	5.9	6.0	4.1	3.7	3.9	3.2	2.6	2.8
27	9.7	9.5	9.6	6.3	5.9	6.0	3.8	3.2	3.5	3.2	2.6	2.9
28	9.6	9.3	9.4	6.1	5.7	5.9	3.5	3.2	3.3	3.5	2.9	3.1
29	---	---	---	5.8	5.4	5.7	3.8	3.1	3.4	3.6	3.2	3.4
30	---	---	---	5.6	5.0	5.3	3.8	3.1	3.3	3.5	3.0	3.3
31	---	---	---	5.1	4.8	4.9	---	---	---	3.3	2.9	3.1
MONTH	9.9	7.7	8.7	9.5	4.8	6.9	5.9	3.1	4.5	4.7	2.6	3.3

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.4	2.8	3.0	4.4	3.6	4.0	4.1	3.4	3.7	3.7	3.4	3.5
2	3.3	2.6	2.9	4.6	4.1	4.3	3.9	3.5	3.8	4.2	3.3	3.6
3	3.5	2.6	3.0	4.5	3.8	4.1	3.9	3.4	3.7	4.4	3.8	4.1
4	3.8	2.9	3.3	4.0	3.4	3.8	4.3	3.4	3.7	4.7	4.2	4.4
5	3.6	3.0	3.2	3.9	3.5	3.7	3.9	3.3	3.7	4.8	4.3	4.6
6	3.3	2.8	3.1	3.8	3.2	3.5	3.9	3.1	3.5	4.6	4.1	4.3
7	3.4	2.9	3.2	4.0	3.1	3.6	3.5	2.9	3.1	4.4	3.8	4.1
8	3.8	2.9	3.2	4.2	3.5	3.8	3.2	2.8	3.0	4.0	3.4	3.8
9	3.5	3.0	3.3	4.1	3.6	3.8	3.5	2.8	3.3	4.0	3.4	3.7
10	3.8	3.0	3.5	3.9	3.3	3.6	4.1	3.4	3.8	3.8	3.0	3.4
11	3.8	3.2	3.5	4.3	3.3	3.6	4.1	3.4	3.8	3.4	2.8	3.2
12	3.5	2.8	3.2	4.1	3.1	3.6	4.3	3.7	4.0	3.2	2.6	3.0
13	3.7	2.8	3.1	4.2	3.3	3.7	4.6	3.7	4.1	3.7	2.8	3.3
14	3.5	2.6	3.0	4.4	3.5	3.8	4.3	3.7	4.1	3.5	3.0	3.3
15	3.5	2.7	3.0	3.9	3.4	3.6	4.2	3.8	4.0	3.3	2.9	3.1
16	3.5	2.8	3.1	4.7	3.5	4.0	4.2	3.6	4.0	4.6	2.7	3.7
17	3.8	2.8	3.4	4.5	4.1	4.3	3.9	3.1	3.7	4.6	3.6	4.2
18	4.0	3.2	3.6	4.2	3.9	4.0	4.0	3.4	3.7	4.3	3.5	3.9
19	3.7	3.1	3.4	4.1	3.5	3.8	4.0	3.3	3.7	3.9	3.4	3.7
20	3.5	2.9	3.2	4.5	3.8	4.1	4.0	3.5	3.8	3.8	3.3	3.6
21	3.4	3.0	3.2	4.6	3.9	4.3	3.9	3.3	3.7	5.8	3.3	4.2
22	3.3	2.9	3.2	4.6	4.0	4.3	3.9	2.9	3.5	7.2	4.5	5.9
23	3.3	3.0	3.1	4.5	3.9	4.2	3.8	3.0	3.5	4.4	.6	2.8
24	3.6	3.0	3.3	4.6	3.3	3.9	3.8	2.9	3.4	2.9	1.5	2.1
25	3.7	3.2	3.5	4.3	3.6	4.0	3.5	3.0	3.2	3.1	1.3	2.2
26	3.8	3.2	3.4	4.4	3.5	3.9	3.9	2.9	3.4	2.0	.7	1.2
27	3.7	3.0	3.3	4.2	3.4	3.7	4.0	3.3	3.7	1.3	.8	1.0
28	3.5	3.0	3.2	4.3	3.1	3.6	3.9	3.3	3.6	.9	.5	.6
29	3.4	3.0	3.2	4.1	3.3	3.6	3.6	3.0	3.4	.6	.5	.6
30	3.9	3.1	3.5	3.9	3.2	3.6	3.9	3.2	3.4	.8	.6	.6
31	---	---	---	4.1	3.3	3.8	3.8	3.4	3.6	---	---	---
MONTH	4.0	2.6	3.2	4.7	3.1	3.9	4.6	2.8	3.6	7.2	.5	3.2
YEAR	10.7	.5	5.5									

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°50'34'', long 78°40'05'', Horry County, Hydrologic Unit 03040207, on right bank at Vereens Marina, 6.5 mi upstream from the junction of Little River Inlet and at AIW mile 348.2.

PERIOD OF RECORD.--October 1983 to current year.

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

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

REMARKS.--Values less than 100 microsiemens are not recordable.

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

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 52,800 microsiemens, Sept. 22; minimum, less than 100 microsiemens, Mar. 23, Sept. 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13200	260	2820	13900	260	4100	11500	200	3910	20800	260	7820
2	13000	260	3070	13200	260	4180	8440	240	2780	17500	280	6090
3	14800	260	4000	18300	260	7940	10500	200	3570	21200	260	6800
4	11200	280	2940	16100	360	6810	12200	260	4580	12800	240	3360
5	13900	240	4400	18700	300	4700	18000	240	5090	28000	200	11800
6	14500	280	4340	11500	260	2290	15800	180	3830	30700	340	7820
7	13500	340	3970	7640	260	2400	13100	180	3770	24700	280	6850
8	7100	260	1670	16400	240	4590	19200	240	5160	28100	360	7660
9	13100	180	2860	15800	340	4770	30100	240	7550	23000	300	6900
10	14300	260	3450	22100	360	6210	30100	180	7870	28900	260	9130
11	8800	280	1960	19400	340	5730	23600	200	6380	19400	280	6390
12	10800	280	1960	26700	340	8410	28400	200	8120	13800	280	4580
13	12200	160	2530	19800	400	5990	27000	280	8520	9040	180	2320
14	15500	180	3290	18500	300	4450	22600	180	5540	16900	300	5800
15	15900	180	3760	20800	280	6510	16400	260	5930	18600	280	4700
16	17900	260	4810	20500	400	7740	25400	340	8530	9340	200	2150
17	17000	300	4580	14100	340	4810	30700	200	10700	17800	180	4380
18	21400	300	5980	19900	360	6370	15200	200	5240	12900	180	3290
19	19700	300	6390	23300	460	9740	17600	200	5520	7580	180	2100
20	25700	420	10400	20500	340	6330	23600	240	7530	13700	240	3080
21	26500	940	12400	9660	200	2860	31200	300	11100	14700	160	3790
22	20000	340	7790	28100	200	9700	32800	460	13000	17300	180	5020
23	27100	300	10500	28200	460	8120	37900	580	14400	15900	240	4740
24	28800	500	10400	22500	260	6250	28900	460	10600	14900	180	4150
25	28700	300	10300	22200	200	6410	26000	400	9270	9260	160	2420
26	33900	500	13400	21200	280	6020	27800	300	9830	9260	160	2770
27	36600	560	15300	21400	340	6510	26400	400	10200	9560	340	3400
28	31200	580	11200	14500	200	2930	18700	340	6600	14700	280	5430
29	23800	380	7400	18300	200	5350	18700	240	5860	12400	280	2910
30	20700	400	7910	17900	300	7360	21300	340	8790	11500	280	2600
31	21300	400	7420	---	---	---	16800	300	5830	10500	280	4750
MONTH	36600	160	6230	28200	200	5850	37900	180	7280	30700	160	5000

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19900	340	7460	9180	140	1860	480	120	180	580	120	188
2	24300	360	7370	12100	160	2410	340	120	172	480	120	196
3	22500	300	6950	14300	180	2910	380	120	163	9360	120	1090
4	25000	300	11600	3120	180	584	200	120	149	13200	140	1890
5	36600	1000	16600	3900	180	752	180	140	158	20400	140	2840
6	36300	640	18000	6020	180	1080	180	120	152	7600	160	1240
7	32100	400	10800	4500	120	926	160	120	138	3820	160	777
8	32500	300	12300	5340	120	1340	---	---	---	---	---	---
9	26300	400	10200	7520	120	1040	160	120	142	1940	160	424
10	24800	300	9040	5360	120	913	---	---	---	2360	140	426
11	24500	300	7500	3320	120	469	---	---	---	1080	140	291
12	17900	300	5970	680	120	176	---	---	---	1400	140	356
13	20700	300	6940	240	120	159	---	---	---	740	140	209
14	17100	200	4640	200	120	151	---	---	---	700	140	233
15	13600	200	4470	180	140	159	180	140	157	500	140	185
16	15800	200	6770	180	160	163	180	120	147	180	120	161
17	27800	400	12600	180	120	157	180	120	140	260	120	160
18	30800	600	13700	180	140	160	160	120	140	380	120	170
19	26600	500	11000	200	140	176	180	120	141	600	120	198
20	18900	200	7040	240	120	166	200	140	167	480	120	182
21	18200	300	5270	200	140	175	300	120	164	420	120	171
22	10700	200	3260	280	120	159	180	120	142	400	120	164
23	11000	200	2800	700	100	188	180	120	143	420	120	164
24	9200	200	1750	460	140	194	180	120	139	480	120	169
25	10800	200	3120	280	120	154	180	120	140	840	140	208
26	13300	200	2820	260	120	157	160	120	133	2720	140	378
27	5200	200	1470	240	120	151	240	120	140	1140	140	395
28	10200	140	2100	260	120	159	180	120	141	12300	160	2040
29	---	---	---	340	120	172	400	120	161	16700	200	3390
30	---	---	---	480	140	198	160	120	141	9000	160	1830
31	---	---	---	380	120	172	---	---	---	15200	180	3360
MONTH	36600	140	7630	14300	100	569	480	120	150	20400	120	783

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24000	200	5610	---	---	---	---	---	---	---	---	---
2	37300	280	9060	7440	260	2630	---	---	---	---	---	---
3	39000	360	12100	13300	160	1940	---	---	---	---	---	---
4	38500	380	12300	13900	180	2640	---	---	---	---	---	---
5	34400	340	10400	12400	200	3050	---	---	---	---	---	---
6	---	---	---	9300	200	2240	---	---	---	---	---	---
7	---	---	---	7540	200	1650	---	---	---	---	---	---
8	---	---	---	6020	180	1900	---	---	---	---	---	---
9	16400	240	3800	16000	240	4170	---	---	---	---	---	---
10	6240	200	1830	11900	200	3960	---	---	---	---	---	---
11	16600	280	4640	12300	180	2750	---	---	---	---	---	---
12	15300	300	6220	19600	200	4280	---	---	---	---	---	---
13	11800	260	3430	18900	240	4940	---	---	---	---	---	---
14	16600	240	4160	25100	260	6610	---	---	---	---	---	---
15	18000	260	4810	26000	340	8690	---	---	---	---	---	---
16	18300	280	5720	21700	260	4780	---	---	---	---	---	---
17	16300	240	3500	24300	260	4860	---	---	---	---	---	---
18	17600	200	3190	30500	280	6960	---	---	---	---	---	---
19	17600	240	3430	29200	360	9350	---	---	---	---	---	---
20	15300	240	3040	19700	280	6010	---	---	---	21500	160	5900
21	10700	200	2330	14900	260	4710	---	---	---	43800	200	15300
22	13700	200	2020	15900	240	3600	---	---	---	52800	1800	23100
23	13200	200	2430	9460	180	2330	---	---	---	5320	160	1260
24	13000	240	2630	7600	160	1730	---	---	---	15600	140	3070
25	8920	240	2620	9860	160	2130	---	---	---	11400	240	3600
26	7340	200	2170	6660	140	1590	---	---	---	1960	160	555
27	9520	180	1880	---	---	---	---	---	---	3500	180	934
28	14300	200	3030	---	---	---	---	---	---	4940	100	1150
29	16000	200	3560	---	---	---	---	---	---	---	---	---
30	31900	260	7980	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	39000	180	4740	30500	140	3980	---	---	---	52800	100	6100
YEAR	52800	100	4340									

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

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

PERIOD OF RECORD.--October 1983 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to current year.
pH: April 1986 to current year.
WATER TEMPERATURE: April 1986 to current year.
DISSOLVED OXYGEN: September 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1983. Data collection platform since September 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sept. 22, 1989; minimum, 57 microsiemens, Mar. 14-16, 1987.
pH: Maximum 9.2 units, Aug. 13, 1987; minimum, 5.3 units, Sept. 26, 1986.
WATER TEMPERATURE: Maximum, 33.5°C, July 31, 1988; minimum, 2.0°C, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 19, 1988; minimum, 2.2 mg/L, Sept. 30, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sept. 22; minimum, 100 microsiemens, many days in March - July.
pH: Maximum, 8.1 units, Nov. 22; minimum, 6.3 units, Oct. 1, July 12, Aug. 25.
WATER TEMPERATURE: Maximum, 33.0°C, July 12; minimum, 6.5°C, Dec. 19.
DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Dec. 27; minimum, 2.2 mg/L, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	160	120	149	200	160	182	240	180	196	240	180	208
2	160	120	139	200	160	177	240	180	195	280	180	222
3	160	140	141	240	140	175	240	160	185	240	180	195
4	180	140	146	200	140	167	200	160	185	240	160	198
5	180	120	155	180	140	162	260	160	199	780	180	348
6	200	140	164	180	140	167	240	160	183	580	180	297
7	180	160	170	200	160	174	240	160	181	280	180	219
8	180	140	161	240	160	177	260	160	189	400	180	239
9	180	140	155	180	140	176	420	160	247	360	180	235
10	180	140	152	280	160	195	420	180	249	560	160	286
11	160	120	147	200	180	189	280	160	205	240	180	202
12	160	140	153	500	160	263	500	180	263	240	180	199
13	200	160	168	240	160	195	340	180	244	240	160	187
14	200	140	169	240	160	187	260	180	210	240	180	216
15	180	140	167	260	160	193	240	180	197	240	180	191
16	200	140	170	200	160	185	340	180	227	240	160	194
17	180	140	162	180	160	167	500	180	287	260	180	202
18	180	120	162	240	160	193	260	180	209	260	160	190
19	200	140	167	280	160	217	260	180	209	240	160	186
20	420	140	224	240	160	181	340	180	227	260	180	198
21	280	140	225	200	160	177	680	180	327	260	160	205
22	240	160	181	740	180	332	780	180	367	260	160	209
23	360	160	217	520	160	278	1800	180	557	240	160	191
24	340	160	207	300	160	217	500	180	288	240	160	186
25	360	160	232	300	180	224	360	180	258	200	160	179
26	780	160	313	280	180	210	500	180	290	200	160	178
27	1880	180	540	280	160	205	380	200	263	180	160	175
28	560	160	295	200	180	182	---	---	---	240	180	193
29	280	160	205	240	160	207	---	---	---	240	160	184
30	260	160	209	240	180	204	260	180	236	180	160	177
31	240	180	191	---	---	---	240	200	201	240	160	187
MONTH	1880	120	195	740	140	199	1800	160	244	780	160	209

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25° C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	280	---	201	240	160	183	180	100	137	120	100	110
2	260	160	196	200	160	180	180	120	142	140	100	113
3	340	160	219	180	160	170	140	100	121	140	100	122
4	520	180	300	200	160	167	140	100	119	160	100	127
5	3380	180	869	160	140	153	140	100	123	140	100	122
6	1040	180	442	160	140	144	140	100	123	160	100	126
7	520	180	290	160	140	156	160	120	136	160	120	132
8	920	180	390	160	140	151	160	100	127	180	100	135
9	400	200	279	200	140	164	160	100	127	160	120	131
10	360	200	261	200	160	171	140	120	137	140	120	126
11	340	180	242	180	140	161	180	120	145	180	120	139
12	260	160	217	180	120	140	160	120	147	200	120	140
13	280	180	220	180	120	144	160	100	128	160	100	128
14	260	160	191	180	120	147	160	100	124	160	120	134
15	200	160	183	160	120	133	140	120	127	140	100	123
16	240	160	190	160	140	142	140	100	124	160	100	127
17	640	180	304	160	120	133	140	100	121	160	100	123
18	700	180	334	140	120	132	140	100	118	160	100	117
19	300	180	234	160	120	140	140	100	112	160	100	120
20	260	180	210	180	140	149	160	120	128	160	100	117
21	240	160	183	140	120	126	160	100	120	140	100	114
22	200	160	177	160	120	141	160	100	117	140	100	112
23	200	160	177	160	120	142	140	100	114	140	100	112
24	240	160	191	180	140	152	120	100	109	240	100	146
25	240	180	195	160	120	137	120	100	107	300	100	143
26	240	160	192	160	120	132	120	100	108	140	100	113
27	200	160	180	180	120	136	140	100	110	140	100	113
28	200	160	176	140	100	127	140	100	108	140	120	128
29	---	---	---	140	120	129	120	100	105	180	120	137
30	---	---	---	140	120	127	120	100	110	160	120	133
31	---	---	---	140	100	119	---	---	---	160	120	134
MONTH	3380	160	259	240	100	146	180	100	122	300	100	126
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	280	100	153	260	120	164	260	160	195	160	140	148
2	1040	120	252	180	120	140	200	160	189	160	120	144
3	1340	140	358	140	120	129	200	160	186	160	140	149
4	1260	140	378	160	120	130	200	160	182	180	140	150
5	1000	140	320	160	120	140	200	160	182	160	120	138
6	700	140	281	160	120	137	240	160	182	160	120	139
7	600	140	269	160	120	139	240	160	189	160	120	140
8	280	140	185	160	120	138	260	180	209	160	120	137
9	180	140	160	160	120	145	260	180	198	180	120	144
10	160	120	145	160	120	143	240	180	197	160	120	140
11	180	120	153	160	100	137	240	180	209	160	120	137
12	180	140	160	160	120	138	200	180	194	200	120	154
13	160	120	147	180	120	143	200	160	192	240	160	175
14	180	120	148	300	120	170	240	180	203	240	140	165
15	180	120	151	280	140	192	260	180	209	280	140	180
16	180	120	152	280	120	178	280	180	212	300	160	198
17	200	120	163	200	120	155	280	120	202	260	160	185
18	180	120	149	420	140	175	240	120	159	420	160	240
19	180	140	152	460	140	237	200	140	159	260	160	191
20	180	140	152	340	140	202	160	120	144	240	140	182
21	180	140	152	180	120	153	160	120	141	6360	140	567
22	180	140	149	180	120	142	160	120	140	39200	580	15700
23	180	120	148	160	120	137	160	120	137	420	180	252
24	160	120	146	160	100	129	180	120	144	280	180	227
25	160	120	147	180	120	135	300	120	185	---	---	---
26	160	120	136	---	---	---	200	120	164	260	120	173
27	160	100	135	---	---	---	160	140	151	240	180	204
28	160	100	134	200	160	183	160	120	147	240	180	210
29	180	120	139	240	160	190	200	120	158	240	180	202
30	400	120	171	200	180	193	160	120	142	200	180	184
31	---	---	---	200	160	186	160	120	147	---	---	---
MONTH	1340	100	183	460	100	158	300	120	176	39200	120	723
YEAR	39200	100	226									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	27.0	28.0	30.0	29.0	29.5	30.5	29.5	30.0	30.0	28.5	29.0
2	29.5	27.5	28.5	30.0	28.5	29.5	30.5	29.5	30.0	30.0	29.0	29.5
3	30.0	28.5	29.0	30.0	28.5	29.5	30.5	29.5	30.0	29.5	28.5	29.0
4	30.0	28.5	29.5	30.0	28.5	29.5	30.5	29.0	30.0	28.5	27.0	27.5
5	29.5	29.0	29.5	30.5	29.0	29.5	31.0	29.5	30.0	27.5	26.5	27.0
6	29.0	28.0	28.5	30.5	29.5	30.0	31.0	29.5	30.5	27.5	26.5	27.5
7	28.5	27.5	28.0	30.5	29.5	30.0	31.5	30.5	31.0	28.0	27.0	27.5
8	28.0	27.0	27.5	31.0	29.0	30.0	31.0	29.5	30.0	28.0	27.0	27.5
9	27.5	26.5	27.0	31.0	29.5	30.5	29.5	27.5	28.5	28.0	26.5	27.0
10	28.0	26.5	27.0	31.5	30.0	31.0	27.5	26.5	27.0	28.0	27.0	27.5
11	28.5	27.0	28.0	32.0	30.5	31.5	27.0	26.5	26.5	28.0	27.0	27.5
12	29.0	27.5	28.5	33.0	31.5	32.0	27.0	26.5	26.5	28.5	27.5	28.0
13	30.0	28.5	29.0	32.5	31.5	32.0	28.0	26.5	27.0	28.5	27.5	28.0
14	30.0	29.0	29.5	32.0	30.5	31.5	27.5	27.0	27.5	28.5	28.0	28.0
15	30.5	29.0	30.0	31.0	30.5	30.5	27.5	27.0	27.0	29.0	28.0	28.5
16	30.5	29.5	30.0	30.5	30.0	30.0	28.5	27.0	27.5	29.0	28.5	28.5
17	30.0	29.0	29.5	31.0	29.5	30.0	28.5	27.5	28.0	28.5	28.0	28.5
18	30.0	28.5	29.0	31.0	30.0	30.5	29.0	27.5	28.5	28.5	27.5	28.0
19	30.0	29.0	29.5	31.0	30.0	30.5	28.5	28.0	28.5	27.5	26.5	27.0
20	30.5	29.0	29.5	31.0	30.0	30.5	29.0	27.5	28.5	27.0	26.0	26.5
21	30.5	29.0	30.0	31.5	30.0	30.5	29.5	28.0	29.0	27.0	26.0	26.5
22	30.0	29.0	29.5	32.0	30.5	31.0	30.0	28.5	29.5	27.5	26.5	27.0
23	30.0	29.0	29.5	32.0	30.5	31.5	30.0	29.0	29.5	26.5	26.0	26.5
24	30.0	29.0	29.5	32.0	30.5	31.5	30.0	29.0	29.5	26.0	24.0	25.0
25	30.5	29.0	30.0	32.0	30.5	31.5	30.0	29.0	29.5	24.0	23.0	23.5
26	30.5	29.0	30.0	---	---	---	29.5	28.5	29.0	24.5	23.0	23.5
27	31.0	29.5	30.0	---	---	---	28.5	28.5	28.5	24.0	22.5	23.5
28	31.0	29.5	30.5	31.0	29.5	30.5	29.5	28.0	28.5	23.0	22.0	22.5
29	30.5	30.0	30.5	31.5	30.0	30.5	29.0	28.5	28.5	23.5	22.5	23.0
30	30.5	29.5	30.0	31.0	30.5	30.5	29.5	28.5	29.0	23.5	23.0	23.5
31	---	---	---	31.0	30.0	30.5	30.0	28.5	29.0	---	---	---
MONTH	31.0	26.5	29.0	33.0	28.5	30.5	31.5	26.5	29.0	30.0	22.0	26.5
YEAR	33.0	6.5	20.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.5	4.7	5.1	7.0	6.7	6.8	6.8	6.3	6.5	9.6	9.2	9.4
2	5.3	4.8	5.1	7.0	6.7	6.8	6.8	6.5	6.6	9.5	8.9	9.3
3	5.3	4.7	5.0	7.0	6.6	6.8	6.9	6.4	6.7	9.4	8.9	9.1
4	5.7	5.1	5.3	6.9	6.5	6.7	7.0	6.5	6.8	9.4	9.1	9.2
5	6.1	5.3	5.6	6.9	6.4	6.7	7.1	6.6	6.9	9.4	9.0	9.3
6	6.0	5.5	5.7	6.8	6.4	6.6	7.1	6.7	6.9	9.5	8.9	9.3
7	6.3	5.6	6.0	6.8	6.4	6.6	7.2	6.7	7.0	9.4	8.9	9.2
8	6.4	5.9	6.2	6.8	6.5	6.7	7.4	6.7	7.1	9.3	8.7	9.1
9	6.6	6.0	6.3	6.9	6.3	6.6	7.6	6.8	7.3	9.2	8.6	8.9
10	6.5	6.0	6.3	6.7	6.3	6.6	7.8	7.3	7.6	9.2	8.7	8.9
11	6.5	5.9	6.2	6.8	6.0	6.5	8.1	7.5	7.8	9.1	8.4	8.8
12	6.3	5.9	6.2	6.9	6.3	6.7	8.7	8.0	8.4	9.1	8.5	8.8
13	6.5	6.1	6.3	6.9	6.4	6.6	9.0	8.5	8.8	9.0	8.3	8.7
14	6.6	6.1	6.4	6.6	6.1	6.4	9.2	8.6	9.0	9.2	8.6	8.9
15	6.8	6.4	6.6	6.7	6.1	6.3	9.5	8.9	9.3	9.1	8.1	8.8
16	6.9	6.4	6.7	6.5	5.9	6.3	9.8	9.3	9.6	9.0	8.5	8.8
17	6.9	6.5	6.7	6.4	6.0	6.1	10.0	9.6	9.9	8.9	8.5	8.7
18	6.8	6.4	6.6	6.5	5.9	6.2	10.3	9.9	10.0	8.8	8.4	8.6
19	6.9	6.4	6.6	6.7	6.0	6.4	10.4	9.9	10.2	8.6	8.3	8.4
20	7.0	6.6	6.7	6.6	6.1	6.4	10.7	9.9	10.4	8.7	8.3	8.5
21	7.0	6.7	6.8	6.6	6.0	6.3	10.7	10.2	10.5	9.0	8.4	8.7
22	7.1	6.8	6.9	6.8	6.0	6.4	10.9	9.9	10.6	9.2	8.6	9.0
23	7.1	6.7	6.9	6.8	6.0	6.5	11.0	10.5	10.8	9.6	9.1	9.4
24	7.0	6.6	6.9	6.8	6.4	6.6	11.0	10.4	10.8	9.6	9.3	9.4
25	7.0	6.6	6.8	6.8	6.4	6.6	11.0	10.4	10.7	9.5	9.1	9.3
26	7.0	6.5	6.8	6.8	6.3	6.6	11.1	10.5	10.8	9.4	8.9	9.2
27	7.0	6.4	6.8	6.8	6.2	6.5	11.3	10.5	11.0	9.4	8.9	9.2
28	7.0	6.6	6.8	6.8	6.2	6.5	---	---	---	9.5	9.0	9.3
29	6.9	6.5	6.8	6.7	6.1	6.4	---	---	---	9.6	9.1	9.4
30	7.0	6.5	6.7	6.7	6.4	6.6	10.1	9.4	9.8	9.6	9.0	9.3
31	7.1	6.7	6.8	---	---	---	9.8	9.2	9.5	9.4	9.0	9.2
MONTH	7.1	4.7	6.3	7.0	5.9	6.5	11.3	6.3	8.9	9.6	8.1	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.3	8.4	9.1	8.9	8.4	8.7	7.0	6.4	6.8	4.7	3.7	4.3
2	9.2	8.5	9.0	8.8	8.5	8.6	6.8	6.2	6.5	5.2	4.1	4.8
3	9.0	8.3	8.8	8.8	8.3	8.5	6.2	5.7	5.9	5.1	4.4	4.7
4	9.0	7.9	8.7	8.6	8.0	8.3	6.2	5.3	5.8	5.2	4.3	4.8
5	9.0	8.4	8.8	8.3	7.8	8.1	6.4	5.4	5.8	5.5	4.7	5.0
6	8.6	8.1	8.4	8.1	7.6	7.9	6.2	5.5	5.9	5.4	4.9	5.2
7	8.5	7.9	8.3	8.1	7.5	7.8	6.5	5.4	5.8	5.5	4.9	5.2
8	8.2	7.4	7.9	8.2	7.8	8.0	5.8	5.1	5.4	5.5	4.7	5.0
9	8.2	7.3	7.8	8.5	8.0	8.2	5.4	4.8	5.2	---	---	---
10	8.3	7.9	8.1	8.6	8.3	8.4	---	---	---	5.0	4.6	4.8
11	8.5	8.1	8.2	8.7	8.4	8.5	6.7	5.6	6.2	5.1	4.7	4.9
12	8.8	8.1	8.2	8.8	8.4	8.6	6.4	6.0	6.3	5.0	4.6	4.9
13	---	---	---	9.1	8.8	8.9	6.4	6.1	6.2	5.0	4.5	4.8
14	---	---	---	9.0	8.1	8.5	6.7	6.0	6.3	5.1	4.4	4.8
15	---	---	---	8.6	8.1	8.3	7.0	6.2	6.6	4.9	4.6	4.7
16	---	---	---	8.5	7.9	8.3	6.7	6.0	6.4	4.8	4.4	4.6
17	---	---	---	8.3	7.4	7.9	6.6	6.0	6.4	4.8	4.4	4.6
18	---	---	---	8.0	7.3	7.6	6.4	5.9	6.1	5.0	4.4	4.7
19	---	---	---	8.0	7.0	7.4	6.1	5.8	6.0	5.1	4.6	4.9
20	---	---	---	8.1	6.5	7.6	6.6	5.7	6.2	5.3	4.7	5.0
21	---	---	---	7.8	7.2	7.5	6.6	5.5	6.2	5.3	4.9	5.1
22	8.4	7.8	8.1	8.2	7.1	7.8	6.3	5.6	5.9	5.3	4.8	5.1
23	9.0	8.2	8.5	8.8	7.8	8.2	6.0	5.6	5.8	5.3	4.7	5.0
24	8.9	8.4	8.7	9.0	7.7	8.2	5.6	5.1	5.3	5.2	4.1	4.7
25	9.3	8.7	8.9	7.8	7.4	7.6	5.3	4.2	4.9	4.8	4.2	4.5
26	9.3	9.1	9.1	7.6	7.3	7.4	5.2	4.0	4.6	4.7	4.2	4.4
27	9.3	8.8	9.1	7.5	6.9	7.3	4.9	3.8	4.5	4.8	4.2	4.4
28	9.3	8.7	9.0	7.5	6.9	7.2	4.7	4.0	4.4	5.4	4.4	5.0
29	---	---	---	7.5	7.0	7.2	4.7	3.7	4.4	5.8	4.7	5.4
30	---	---	---	7.4	6.3	7.0	4.7	4.1	4.4	5.8	5.0	5.5
31	---	---	---	7.3	6.8	7.0	---	---	---	5.7	5.2	5.4
MONTH	9.3	7.3	8.6	9.1	6.3	8.0	7.0	3.7	5.7	5.8	3.7	4.9

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.7	4.9	5.3	5.2	4.2	4.8	4.7	3.8	4.4	4.6	4.1	4.4
2	5.8	4.8	5.2	5.1	4.1	4.9	4.9	4.0	4.4	4.6	4.0	4.3
3	6.0	4.5	5.5	4.8	4.1	4.6	4.7	4.2	4.5	5.0	3.7	4.4
4	6.2	5.2	5.7	5.0	4.4	4.7	4.6	4.1	4.3	5.4	4.5	5.0
5	6.2	5.2	5.9	5.0	4.5	4.7	4.5	4.0	4.3	5.5	4.7	5.2
6	6.5	5.1	6.0	5.1	4.3	4.8	4.7	3.9	4.4	5.6	4.9	5.3
7	6.7	5.6	6.2	5.1	4.5	4.8	4.6	3.8	4.4	5.6	5.0	5.3
8	6.4	5.6	6.2	5.2	4.1	4.8	4.7	3.9	4.3	5.3	4.8	5.1
9	6.8	6.0	6.3	5.2	4.1	4.8	4.8	4.3	4.5	4.9	4.4	4.6
10	6.4	5.5	6.0	5.0	4.0	4.6	4.6	4.1	4.4	4.7	4.0	4.4
11	6.2	5.5	5.9	4.8	3.9	4.4	4.4	3.6	4.1	4.5	3.8	4.1
12	5.9	5.0	5.6	4.7	3.2	4.3	4.4	3.7	4.1	4.4	3.8	4.1
13	5.8	4.4	5.4	4.8	3.9	4.4	4.6	3.7	4.2	4.7	4.0	4.3
14	6.0	4.9	5.4	4.8	3.7	4.4	4.7	4.0	4.4	4.6	3.9	4.3
15	6.2	5.2	5.7	4.9	3.3	4.5	4.8	4.1	4.5	4.6	4.1	4.3
16	6.2	5.2	5.8	5.0	3.8	4.5	4.9	4.0	4.6	5.1	4.1	4.6
17	6.3	5.0	5.9	5.1	3.9	4.5	4.7	4.0	4.5	4.7	4.3	4.6
18	6.1	4.9	5.8	5.0	4.2	4.7	4.6	4.0	4.4	4.7	4.2	4.5
19	5.8	5.0	5.5	5.2	3.9	4.7	4.6	4.1	4.4	4.7	4.2	4.5
20	5.6	4.4	5.1	5.2	4.1	4.8	4.5	4.0	4.2	4.7	4.3	4.5
21	5.3	4.4	4.9	5.3	4.1	4.9	4.5	3.4	4.2	5.8	4.4	5.0
22	5.2	4.4	4.9	5.4	4.1	4.9	4.3	3.0	3.9	5.8	5.4	5.6
23	5.3	4.6	5.0	5.1	4.4	4.7	4.2	2.7	3.7	5.4	4.7	5.1
24	5.4	4.3	5.0	4.9	3.9	4.6	4.5	3.6	4.1	5.1	4.4	4.8
25	5.6	4.6	5.2	5.3	4.3	4.9	4.6	3.5	4.2	5.6	4.8	5.2
26	5.6	4.2	5.1	---	---	---	4.9	3.8	4.5	5.2	4.2	4.7
27	5.5	4.2	4.8	---	---	---	4.6	3.9	4.4	4.4	3.7	4.2
28	4.7	4.0	4.5	4.9	4.1	4.5	4.3	3.6	4.0	4.3	3.7	4.0
29	4.6	4.0	4.3	4.8	4.1	4.5	4.3	3.3	3.9	3.7	2.9	3.4
30	5.1	4.1	4.6	4.8	4.3	4.6	4.5	3.6	4.1	3.0	2.2	2.6
31	---	---	---	4.8	4.0	4.4	4.7	3.9	4.3	---	---	---
MONTH	6.8	4.0	5.4	5.4	3.2	4.6	4.9	2.7	4.3	5.8	2.2	4.5
YEAR	11.3	2.2	6.3									

NOTE.--Dissolved oxygen concentration are not corrected for salinity.

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC

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

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is 12.39 ft below National Geodetic Vertical Datum of 1929 (revised). Gage was located 8 ft closer to the bank prior to Oct. 6, 1982 at same datum. Two auxiliary water-stage recorders, one 9.2 miles upstream at datum 2.51 ft (revised) higher (station no. 02110725), and one 14.5 miles downstream at datum 0.67 ft (revised) higher (station no. 02110777), are used in conjunction with, or in place of this station for computation of discharges.

REMARKS.--No estimated daily discharges. Records poor. Discharge computed by utilization of the One-Dimensional unsteady-flow simulation model. Flow generally reversed as a result of tide and wind effect at both ends of the modeling reach. The city of Myrtle Beach commenced withdrawing water, (upstream at 12th St.), on July 26, 1988 for municipal water supply.

COOPERATION.--Gage-height record was collected in cooperation with the City of Myrtle Beach and South Carolina Department of Health and Environmental Control.

EXTREMES FOR PERIOD OF DAILY RECORD.--Maximum daily discharge, 7,210 ft^3/s, Apr. 1, 1983; minimum daily discharge, -248 ft^3/s, Sept. 21, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 3,110 ft^3/s, Mar. 14; minimum daily discharge, -248 ft^3/s, Sept. 21.

DISCHARGE IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	666	485	394	308	169	796	1480	1280	50	551	671	541
2	574	214	354	246	149	835	1590	1240	-80	757	493	682
3	468	124	306	199	110	879	1960	861	8.0	744	725	786
4	447	99	205	225	-176	1090	2120	873	152	515	926	779
5	223	464	388	9.0	15	799	2350	868	275	505	754	1000
6	298	348	361	431	148	755	2900	1290	268	495	639	676
7	514	279	213	110	164	815	3010	1370	285	488	840	643
8	756	223	152	221	101	1050	2910	1240	367	297	739	729
9	375	181	212	231	363	1380	2990	1260	616	284	753	807
10	543	185	191	378	304	1560	3060	1350	359	544	962	565
11	734	146	360	447	382	2140	2690	1320	239	406	611	431
12	507	235	322	643	270	2840	2410	1230	322	253	507	140
13	408	533	398	544	335	2570	2420	1290	302	173	450	148
14	373	414	293	358	304	3110	2060	1320	146	66	367	268
15	351	318	383	547	84	2930	2070	1460	93	71	217	128
16	390	348	126	402	44	2820	2010	1680	118	314	221	390
17	488	355	282	333	3.0	2470	2060	1740	207	229	244	355
18	329	115	222	414	-44	2460	2060	1660	335	102	389	398
19	134	72	110	371	213	1890	2130	1600	357	219	412	523
20	-79	397	62	358	267	1910	1740	1830	498	492	504	312
21	-29	306	-27	286	443	2130	1930	1850	616	626	598	-248
22	206	-42	-49	375	343	1380	2600	1900	608	618	566	873
23	-38	472	166	386	404	1440	2580	1750	585	760	527	1270
24	199	211	136	483	426	2350	2580	1550	576	752	348	397
25	19	230	137	509	425	1820	2570	1150	655	737	86	538
26	23	300	213	365	711	1670	2210	1210	666	624	197	1400
27	92	221	242	241	607	1710	2140	1030	530	686	412	644
28	397	562	440	352	891	1690	1870	504	363	606	547	1000
29	322	58	16	600	---	1600	1760	716	403	322	385	1240
30	472	362	371	419	---	1610	1770	461	46	375	347	1130
31	465	---	240	118	---	1330	---	193	---	801	408	---
TOTAL	10627	8215	7219	10909.0	7455.0	53829	68030	39076	9965.0	14412	15845	18545
MEAN	343	274	233	352	266	1736	2268	1261	332	465	511	618
MAX	756	562	440	643	891	3110	3060	1900	666	801	962	1400
MIN	-79	-42	-49	9.0	-176	755	1480	193	-80	66	86	-248

CAL YR 1988 TOTAL 235863 MEAN 644 MAX 1830 MIN -79
WTR YR 1989 TOTAL 264127.0 MEAN 724 MAX 3110 MIN -248

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

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1986 to current year.
pH: February 1986 to current year.
WATER TEMPERATURE: February 1986 to current year.
DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since February 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 208 microsiemens, Aug. 8, 1987; minimum, 46 microsiemens, May 6, 1987.
pH: Maximum, 8.0 units, Aug. 22, 1988; minimum, 5.2 units, Sept. 22, 1987.
WATER TEMPERATURE: Maximum, 33.0°C, July 21, 1986, July 11, 1987; minimum, 6.0°C, Jan. 29, 1987, Dec, 18, 19, 1988.
DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 21, 1988; minimum, 1.1 mg/L, Sept. 30, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 176 microsiemens, Aug. 2; minimum, 70 microsiemens, many days.
pH: Maximum, 7.6 units, Nov. 23 - 26; minimum, 5.8 units, Apr. 18, 19.
WATER TEMPERATURE: Maximum, 32.5°C, July 12; minimum, 6.0°C, Dec. 18, 19.
DISSOLVED OXYGEN: Maximum, 10.1 mg/L, Jan. 28; minimum, 1.1 mg/L, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	120	110	114	140	130	133	140	120	133
2	---	---	---	130	110	117	140	120	131	140	120	136
3	---	---	---	130	110	122	150	120	132	140	120	137
4	---	---	---	130	120	122	150	120	134	140	140	140
5	---	---	---	130	120	124	150	120	132	160	120	140
6	120	110	115	140	110	121	---	---	---	140	120	135
7	120	100	109	140	110	121	---	---	---	140	120	136
8	120	90	102	130	120	126	---	---	---	140	120	137
9	110	90	103	140	130	132	---	---	---	140	120	137
10	110	90	102	140	120	131	---	---	---	160	120	142
11	120	90	104	140	120	129	---	---	---	160	120	142
12	110	100	105	140	120	130	---	---	---	---	---	---
13	120	100	109	130	120	127	---	---	---	---	---	---
14	120	100	111	140	120	126	---	---	---	---	---	---
15	120	100	107	140	120	127	---	---	---	---	---	---
16	110	100	106	140	120	129	---	---	---	---	---	---
17	120	100	103	140	120	129	---	---	---	140	120	136
18	120	100	106	140	120	132	---	---	---	140	120	132
19	120	100	109	150	130	137	---	---	---	140	120	128
20	120	100	113	140	120	133	---	---	---	140	120	133
21	130	110	116	140	120	130	---	---	---	140	120	131
22	120	100	115	140	120	134	---	---	---	140	120	125
23	140	100	117	150	130	136	---	---	---	140	120	124
24	130	110	116	150	130	138	---	---	---	140	120	122
25	120	110	115	140	130	135	---	---	---	140	120	127
26	140	110	119	140	120	131	---	---	---	140	120	127
27	140	110	125	140	120	129	---	---	---	140	120	126
28	130	120	124	140	120	130	---	---	---	140	120	130
29	130	110	122	150	130	135	---	---	---	140	120	131
30	130	110	121	150	130	136	160	120	142	160	120	129
31	130	110	121	---	---	---	140	120	137	140	120	135
MONTH	140	90	112	150	110	129	160	120	134	160	120	133

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	140	120	136	140	120	137	100	90	94	80	70	78
2	140	120	133	140	120	138	100	90	91	80	70	79
3	140	120	135	140	120	137	100	80	90	90	70	80
4	140	120	137	140	120	129	90	80	87	90	70	81
5	160	120	141	140	120	122	90	80	84	90	80	82
6	140	120	139	120	120	120	90	70	81	100	80	87
7	140	120	132	120	120	120	90	80	81	90	80	83
8	140	120	135	120	120	120	90	80	82	90	70	82
9	140	120	135	120	120	120	90	80	87	90	70	80
10	140	120	136	120	100	117	100	80	91	90	80	82
11	140	120	139	120	100	105	100	80	92	90	80	81
12	140	140	140	120	100	104	90	80	86	90	70	78
13	160	120	140	120	100	102	90	80	89	90	70	80
14	160	140	143	120	100	109	90	80	87	90	70	80
15	160	140	141	120	100	110	120	80	95	80	70	79
16	140	140	140	120	100	106	90	80	85	80	70	77
17	160	140	145	120	100	105	90	80	82	80	70	78
18	160	140	144	110	100	104	90	70	80	90	70	79
19	160	140	141	120	100	102	80	70	77	80	70	78
20	160	140	141	120	100	101	90	80	82	90	70	77
21	140	140	140	100	100	100	90	70	80	90	70	76
22	140	140	140	120	100	107	90	70	77	80	70	79
23	160	140	141	120	100	116	80	70	76	90	70	77
24	140	140	140	120	100	113	80	70	77	90	80	81
25	160	140	141	120	100	107	80	70	77	90	80	84
26	140	140	140	120	100	109	90	70	79	90	80	85
27	140	120	138	120	100	107	80	70	77	90	80	85
28	140	140	140	120	100	105	80	70	78	100	90	92
29	---	---	---	120	100	101	80	70	77	100	80	91
30	---	---	---	---	---	---	80	70	78	100	80	91
31	---	---	---	---	---	---	---	---	---	110	90	98
MONTH	160	120	139	140	100	113	120	70	83	110	70	82
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	90	101	110	90	100	116	105	110	100	80	94
2	120	90	108	110	90	97	176	106	117	100	90	95
3	120	90	105	110	90	99	117	107	115	100	80	90
4	120	90	106	110	90	101	118	98	111	110	90	92
5	120	90	101	110	90	101	119	99	107	100	80	91
6	120	70	95	110	100	104	119	99	105	100	70	87
7	100	80	88	120	90	104	110	90	104	100	80	89
8	110	90	98	120	90	104	110	90	101	---	---	---
9	110	80	100	120	100	111	109	89	99	---	---	---
10	110	100	107	130	80	107	99	88	94	---	---	---
11	120	100	110	---	---	---	98	88	92	---	---	---
12	120	100	114	130	100	113	108	87	92	100	80	89
13	120	70	95	---	---	---	97	87	89	110	80	95
14	110	70	91	---	---	---	97	86	90	100	80	95
15	110	90	104	130	100	113	106	86	95	110	80	94
16	120	100	108	140	100	115	106	86	95	---	---	---
17	120	100	110	140	90	112	105	95	96	---	---	---
18	130	100	115	130	110	118	134	85	101	---	---	---
19	120	100	112	130	110	120	124	84	97	---	---	---
20	120	110	113	130	100	117	104	84	91	---	---	---
21	120	100	112	130	100	116	113	83	91	---	---	---
22	120	100	113	120	100	112	133	83	100	---	---	---
23	120	100	113	120	100	115	102	82	93	---	---	---
24	120	100	110	120	110	113	112	92	97	140	120	130
25	120	100	111	120	90	107	131	91	105	140	120	130
26	110	90	106	121	90	104	121	91	111	140	120	127
27	110	90	101	112	91	99	120	100	110	140	120	127
28	110	90	101	113	102	110	120	100	108	140	120	133
29	110	90	99	123	103	110	110	90	100	130	120	124
30	110	90	99	124	104	117	110	90	100	130	110	122
31	---	---	---	134	105	123	100	90	95	---	---	---
MONTH	130	70	105	140	80	109	176	82	100	140	70	106
YEAR	176	70	110									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.6	6.4	6.4	6.2	6.8	6.4	6.7	6.5	6.7	6.5	---	---
2	6.4	6.3	6.5	6.3	7.0	6.5	6.7	6.5	6.9	6.6	---	---
3	6.3	6.2	6.6	6.3	7.0	6.5	6.6	6.4	6.8	6.6	---	---
4	6.4	6.3	6.6	6.4	7.0	6.4	6.8	6.4	6.8	6.5	---	---
5	6.4	6.2	6.7	6.4	6.9	6.5	6.7	6.5	6.6	6.5	---	---
6	6.4	6.3	6.7	6.5	7.0	6.6	6.6	6.4	6.6	6.4	---	---
7	6.4	6.2	6.6	6.4	7.0	6.8	6.5	6.4	6.6	6.4	---	---
8	6.3	6.0	6.6	6.3	7.2	6.8	6.6	6.5	6.6	6.3	---	---
9	6.1	6.0	6.5	6.3	7.0	6.7	6.7	6.4	6.6	6.3	---	---
10	6.3	6.0	6.5	6.3	7.0	6.6	6.7	6.5	6.5	6.3	---	---
11	6.3	6.0	6.5	6.3	6.8	6.6	6.7	6.4	6.6	6.4	---	---
12	6.1	6.0	6.5	6.3	6.8	6.5	6.7	6.4	6.7	6.3	6.6	6.3
13	6.1	6.0	6.5	6.3	6.8	6.5	6.7	6.5	6.6	6.3	6.7	6.3
14	6.1	6.0	6.5	6.3	6.8	6.5	6.9	6.6	6.6	6.3	6.6	6.4
15	6.3	6.0	6.5	6.3	6.9	6.6	7.0	6.7	6.7	6.3	6.7	6.3
16	6.2	6.0	6.4	6.3	6.9	6.6	7.0	6.7	6.7	6.3	---	---
17	6.0	5.9	6.4	6.3	6.9	6.7	7.0	6.7	6.6	6.3	---	---
18	5.9	5.8	6.5	6.3	7.0	6.7	7.1	6.8	6.8	6.3	---	---
19	6.1	5.8	6.6	6.4	6.9	6.6	7.1	6.8	6.8	6.4	---	---
20	6.2	6.1	6.6	6.4	6.8	6.6	7.1	6.7	6.7	6.5	---	---
21	6.3	6.1	6.6	6.4	6.8	6.6	7.0	6.7	6.7	6.4	---	---
22	6.4	6.1	6.6	6.4	6.8	6.5	6.9	6.7	6.7	6.4	---	---
23	6.2	6.1	6.6	6.3	6.7	6.5	6.9	6.6	6.7	6.4	---	---
24	6.3	6.1	6.5	6.3	6.7	6.4	6.8	6.6	6.7	6.5	6.9	6.7
25	6.3	6.2	6.4	6.2	6.7	6.5	6.8	6.6	6.9	6.6	7.0	6.8
26	6.3	6.1	6.4	6.2	6.7	6.4	6.9	6.6	7.0	6.7	6.9	6.5
27	6.3	6.1	6.5	6.2	6.6	6.4	7.0	6.6	6.9	6.6	6.6	6.4
28	6.3	6.2	6.6	6.3	6.6	6.4	7.0	6.6	6.8	6.6	6.6	6.4
29	6.3	6.2	6.7	6.4	6.7	6.4	7.0	6.6	---	---	6.5	6.3
30	6.3	6.2	6.6	6.3	6.8	6.4	7.0	6.6	---	---	6.5	6.3
31	---	---	6.7	6.3	---	---	6.8	6.5	---	---	---	---
MONTH	6.6	5.8	6.7	6.2	7.2	6.4	7.1	6.4	7.0	6.3	7.0	6.3
YEAR	7.6	5.8										

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	14.0	13.0	13.5	12.5	12.0	12.0	20.0	18.5	19.0	24.0	23.5	23.5
2	15.0	14.0	14.5	12.0	11.5	12.0	19.5	18.0	19.0	24.0	23.0	23.5
3	16.0	15.0	15.5	12.0	11.5	12.0	20.0	18.5	19.0	24.0	23.0	23.5
4	16.0	15.0	15.5	13.0	12.0	12.5	20.5	18.5	19.5	23.5	22.5	23.0
5	15.0	14.5	15.0	14.0	12.5	13.0	19.5	19.0	19.5	23.0	22.5	23.0
6	15.0	14.0	14.5	15.5	14.0	14.5	19.5	18.5	19.0	23.5	22.0	22.5
7	16.0	15.0	15.5	15.5	14.0	15.0	18.5	17.5	18.0	22.5	21.5	22.0
8	15.5	15.0	15.5	14.0	12.5	13.0	17.5	17.0	17.5	22.0	21.0	21.5
9	15.0	14.0	14.5	12.5	11.5	12.0	17.0	16.5	17.0	21.0	20.0	20.5
10	14.0	13.0	13.5	11.5	10.5	11.0	16.5	15.0	16.0	20.5	19.5	20.0
11	13.0	12.5	13.0	11.5	10.0	10.5	15.0	14.0	14.5	20.5	19.0	19.5
12	13.5	12.5	13.0	11.5	10.0	11.0	14.5	13.0	14.0	20.0	19.0	19.5
13	14.0	12.5	13.0	12.0	11.0	11.5	15.0	13.0	14.0	20.0	19.0	19.5
14	15.0	13.5	14.5	12.5	11.5	12.0	15.5	13.5	14.5	19.5	19.0	19.5
15	16.0	14.5	15.5	14.0	12.0	13.0	15.5	15.0	15.5	20.5	19.5	20.0
16	17.0	15.5	16.0	14.5	13.5	14.0	16.5	15.0	16.0	21.0	20.0	20.5
17	16.0	14.0	15.5	16.0	14.5	15.0	17.5	15.5	16.5	21.5	20.0	21.0
18	14.0	13.0	13.5	17.0	15.5	16.0	18.5	16.5	17.5	22.0	20.5	21.5
19	13.0	12.5	12.5	17.5	16.5	17.0	19.5	18.0	18.5	22.0	20.5	21.5
20	13.0	12.0	12.5	17.5	16.5	17.0	19.0	17.5	18.0	22.5	20.5	21.5
21	14.0	13.0	13.5	18.0	17.0	17.5	18.5	17.5	18.0	23.0	21.0	22.0
22	14.0	14.0	14.0	18.0	16.0	17.0	18.5	17.5	18.0	23.5	22.0	22.5
23	14.0	12.5	13.0	16.0	15.0	16.0	18.5	17.5	18.0	24.0	22.5	23.5
24	12.5	11.0	11.5	15.5	14.5	15.0	19.5	17.5	18.5	25.0	23.0	24.0
25	11.5	10.5	11.0	15.5	14.0	15.0	20.5	18.0	19.5	25.5	24.0	24.5
26	11.5	10.5	11.0	16.0	15.0	15.5	21.5	19.5	20.5	26.0	24.5	25.5
27	12.0	11.5	11.5	17.0	15.5	16.5	22.5	20.5	21.5	26.5	25.0	26.0
28	13.0	12.0	12.0	18.5	16.5	17.5	23.5	21.5	22.5	26.5	25.5	26.0
29	---	---	---	19.5	18.0	18.5	23.5	22.0	23.0	26.0	25.0	26.0
30	---	---	---	---	---	---	24.0	22.5	23.0	27.0	25.5	26.5
31	---	---	---	---	---	---	---	---	---	28.0	26.5	27.0
MONTH	17.0	10.5	13.5	19.5	10.0	14.0	24.0	13.0	18.0	28.0	19.0	22.5

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.5	27.5	29.5	28.5	29.0	30.5	29.5	30.0	30.0	29.0	29.5
2	29.0	27.0	28.0	29.5	28.5	29.0	29.5	28.5	29.5	30.5	29.0	29.5
3	29.5	28.0	29.0	29.0	28.0	28.5	30.0	29.0	29.5	29.5	28.0	29.0
4	30.0	28.5	29.5	28.5	27.5	28.0	30.5	29.0	30.0	28.0	26.5	27.5
5	29.5	29.0	29.0	29.5	28.0	28.5	31.0	28.5	30.0	27.5	26.5	27.0
6	29.0	27.5	28.5	29.5	28.0	28.5	31.5	29.5	30.0	28.0	26.5	27.0
7	28.0	27.0	27.5	29.5	28.0	29.0	31.5	30.0	30.5	---	---	---
8	28.0	27.0	27.5	30.5	28.5	29.5	30.5	28.5	29.5	---	---	---
9	27.5	26.5	27.0	30.5	29.0	30.0	28.5	27.5	28.0	---	---	---
10	28.5	26.5	27.5	31.5	29.5	30.5	27.5	26.5	27.0	---	---	---
11	29.0	27.5	28.5	32.0	30.0	31.0	26.5	25.5	26.0	---	---	---
12	30.0	28.0	29.0	32.5	31.0	32.0	26.0	25.5	25.5	28.0	27.0	27.5
13	30.0	29.0	29.5	32.0	31.0	31.5	27.0	25.5	26.0	28.5	27.0	27.5
14	30.5	28.0	29.5	31.5	30.5	31.0	26.5	26.0	26.5	28.0	27.5	28.0
15	30.5	29.5	30.0	30.5	30.0	30.5	26.5	25.5	26.0	28.5	27.5	28.0
16	30.5	29.5	30.0	30.5	29.5	30.0	27.5	26.0	26.5	---	---	---
17	30.0	28.5	29.0	31.0	30.0	30.5	27.5	26.5	27.0	---	---	---
18	29.5	27.5	28.5	31.0	30.0	30.5	28.0	26.5	27.5	---	---	---
19	29.5	28.5	29.0	31.0	29.5	30.5	27.5	27.0	27.5	---	---	---
20	29.5	28.5	29.0	30.5	29.5	30.0	28.0	26.5	27.5	---	---	---
21	29.0	28.5	29.0	31.0	29.5	30.0	29.0	27.0	28.0	---	---	---
22	29.5	28.5	29.0	31.5	29.5	30.5	29.5	27.5	28.5	---	---	---
23	29.5	28.5	29.0	31.5	29.5	30.5	30.0	28.0	29.0	---	---	---
24	29.5	28.5	29.0	31.5	29.5	30.5	29.5	28.5	29.0	25.0	22.5	24.0
25	29.5	28.0	29.0	31.0	30.0	30.5	29.5	28.5	29.0	23.0	21.5	22.0
26	30.0	28.5	29.0	31.0	29.5	30.5	29.0	28.5	28.5	22.5	21.0	22.0
27	30.0	28.5	29.5	30.5	30.0	30.5	29.5	28.5	29.0	22.5	21.0	22.0
28	30.5	29.0	29.5	31.0	29.5	30.0	29.5	29.0	29.0	21.5	20.5	21.0
29	30.0	29.5	29.5	31.5	30.0	30.5	29.5	28.5	29.0	22.0	21.0	21.5
30	29.5	28.5	29.0	31.0	30.0	30.5	29.5	28.5	29.0	22.0	21.5	22.0
31	---	---	---	30.5	29.5	30.0	30.0	28.5	29.0	---	---	---
MONTH	30.5	26.5	29.0	32.5	27.5	30.0	31.5	25.5	28.5	30.5	20.5	25.5
YEAR	32.5	6.0	19.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	7.1	6.2	6.7	7.1	6.4	6.8	8.5	8.1	8.3
2	---	---	---	7.2	6.2	6.7	7.0	6.4	6.7	8.3	7.9	8.1
3	---	---	---	7.1	6.5	6.8	7.0	6.4	6.7	8.5	8.0	8.2
4	---	---	---	6.9	6.3	6.6	7.4	6.5	7.0	8.5	8.2	8.3
5	---	---	---	7.1	6.5	6.8	7.4	6.7	7.1	8.6	8.2	8.4
6	5.2	4.4	4.8	7.1	6.2	6.8	7.3	6.6	7.1	8.7	8.2	8.5
7	5.4	4.7	5.1	7.1	6.5	6.8	7.5	6.8	7.2	8.4	8.1	8.3
8	5.3	4.6	5.0	7.0	6.3	6.7	7.6	7.0	7.3	8.3	7.9	8.2
9	5.4	4.5	5.0	6.8	6.2	6.6	7.7	7.2	7.4	8.4	8.0	8.2
10	5.4	4.8	5.2	6.9	5.9	6.5	8.0	7.3	7.6	8.5	8.2	8.4
11	5.6	4.8	5.2	7.3	6.3	6.8	8.0	7.4	7.7	8.5	8.1	8.4
12	5.7	4.9	5.4	7.4	6.3	6.8	8.5	7.8	8.2	8.5	8.1	8.3
13	6.1	5.1	5.6	7.1	6.3	6.7	8.8	8.1	8.4	8.3	8.0	8.2
14	6.4	5.4	5.9	6.7	6.0	6.4	8.9	8.2	8.5	8.7	8.2	8.4
15	6.3	5.5	5.9	6.9	6.1	6.4	9.1	8.6	8.8	8.5	8.0	8.3
16	6.3	5.5	5.9	6.7	6.2	6.4	9.2	8.6	8.9	8.1	7.7	7.9
17	6.2	5.6	5.9	6.6	6.1	6.4	9.3	8.7	9.0	8.1	7.7	7.9
18	6.4	5.9	6.1	6.9	6.1	6.5	9.3	8.8	9.1	7.9	7.7	7.8
19	6.7	6.0	6.4	7.1	6.3	6.8	9.6	9.1	9.3	8.0	7.6	7.8
20	6.8	6.2	6.5	7.1	6.5	6.8	9.6	8.9	9.4	8.0	7.6	7.9
21	7.0	6.4	6.7	6.8	6.3	6.6	9.8	9.1	9.4	8.6	7.8	8.3
22	6.9	6.4	6.7	7.0	6.0	6.6	9.6	9.0	9.3	8.9	8.4	8.7
23	7.1	6.3	6.7	7.5	6.5	7.0	9.5	9.0	9.3	9.3	8.8	9.0
24	7.1	6.3	6.8	7.5	6.7	7.0	9.5	9.0	9.2	9.1	8.6	8.9
25	7.0	6.1	6.6	7.3	6.4	6.9	9.4	8.9	9.1	8.9	8.7	8.8
26	7.2	6.1	6.7	7.3	6.2	6.7	9.3	8.6	8.9	9.1	8.7	9.0
27	7.1	6.2	6.7	7.1	6.3	6.8	9.4	8.7	9.1	10.0	9.0	9.6
28	7.1	6.2	6.7	7.4	6.6	7.0	---	---	---	10.1	9.7	9.9
29	7.1	6.2	6.6	7.4	6.6	6.9	---	---	---	10.0	9.4	9.7
30	7.2	6.3	6.7	7.3	6.6	7.0	8.8	8.3	8.7	9.8	9.4	9.5
31	7.4	6.3	6.7	---	---	---	8.7	8.2	8.5	9.6	9.3	9.4
MONTH	7.4	4.4	6.1	7.5	5.9	6.7	9.8	6.4	8.3	10.1	7.6	8.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.6	9.2	9.4	9.1	8.8	9.0	6.0	5.5	5.8	4.3	3.7	4.0
2	9.4	9.1	9.3	9.3	8.8	9.0	5.9	5.3	5.6	4.5	3.8	4.2
3	9.2	8.6	8.9	9.2	8.8	9.1	5.7	5.3	5.5	4.5	3.6	4.1
4	8.9	8.4	8.7	8.9	8.5	8.8	5.8	5.2	5.6	4.7	3.5	4.2
5	9.0	8.5	8.7	8.7	8.4	8.6	5.7	5.2	5.5	5.1	3.9	4.5
6	8.8	8.1	8.5	8.5	8.2	8.4	5.7	5.0	5.3	5.2	4.4	4.7
7	8.6	8.0	8.3	8.4	8.0	8.3	5.8	4.9	5.2	5.0	4.1	4.5
8	8.5	8.0	8.3	8.7	8.3	8.6	5.2	4.5	4.9	4.7	4.0	4.4
9	8.7	8.0	8.4	8.7	8.3	8.5	4.7	4.3	4.6	4.4	3.7	4.1
10	8.8	8.2	8.5	9.0	8.5	8.6	5.2	4.5	4.8	4.8	4.2	4.5
11	8.8	8.4	8.6	8.7	8.3	8.6	6.0	5.0	5.5	4.7	4.0	4.3
12	8.8	8.2	8.6	8.6	8.3	8.5	6.3	5.4	5.8	4.5	4.0	4.2
13	8.8	8.3	8.6	8.7	7.9	8.4	6.1	5.6	5.9	4.7	4.0	4.3
14	8.6	8.1	8.3	7.9	7.6	7.7	6.3	5.6	6.0	4.8	4.0	4.4
15	8.4	8.0	8.2	7.7	7.5	7.6	6.5	5.8	6.2	4.6	4.1	4.3
16	8.6	8.0	8.3	7.5	6.2	7.3	6.3	5.8	6.1	4.5	3.8	4.2
17	9.2	8.4	8.8	7.3	6.9	7.1	6.1	5.7	5.9	4.6	4.0	4.4
18	9.4	8.7	9.1	7.1	6.8	7.0	6.0	5.4	5.7	4.8	4.2	4.5
19	9.3	8.9	9.1	7.2	6.7	7.0	5.7	5.3	5.5	4.8	4.4	4.6
20	9.1	8.7	8.9	7.3	6.7	7.0	5.9	5.4	5.6	5.0	4.4	4.8
21	9.1	8.6	8.8	7.0	6.5	6.8	5.8	5.1	5.5	5.1	4.6	4.9
22	8.9	8.7	8.8	7.1	6.5	6.9	5.7	5.3	5.5	4.9	4.1	4.7
23	9.2	8.8	9.0	7.7	6.6	7.0	5.7	4.9	5.3	4.9	4.0	4.5
24	9.3	8.9	9.1	7.4	6.8	7.1	5.2	4.5	4.9	4.5	3.6	4.1
25	9.3	9.0	9.2	6.9	6.6	6.8	4.8	4.3	4.6	4.0	3.4	3.7
26	9.6	9.1	9.3	6.8	6.5	6.7	4.7	4.3	4.5	4.1	3.3	3.7
27	9.5	9.1	9.3	6.9	6.3	6.6	4.4	4.0	4.3	4.1	3.4	3.9
28	9.4	9.0	9.2	6.8	6.5	6.6	4.4	3.9	4.1	5.1	4.0	4.6
29	---	---	---	6.8	6.3	6.6	4.5	3.9	4.2	5.4	4.6	5.0
30	---	---	---	---	---	---	4.2	3.7	4.0	5.0	4.3	4.7
31	---	---	---	---	---	---	---	---	---	5.0	4.1	4.6
MONTH	9.6	8.0	8.8	9.3	6.2	7.7	6.5	3.7	5.3	5.4	3.3	4.4

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.0	4.2	4.6	5.2	4.3	4.8	4.1	3.3	3.8	3.7	3.2	3.5
2	5.2	4.1	4.7	5.1	4.5	4.9	4.1	3.1	3.9	3.6	3.1	3.4
3	5.3	4.2	4.8	5.1	4.7	4.9	4.1	3.1	3.6	4.1	3.1	3.5
4	5.3	4.4	4.8	5.2	4.7	5.0	3.9	2.9	3.6	5.2	4.0	4.5
5	5.4	4.6	5.0	5.3	4.6	5.0	3.9	3.4	3.7	4.7	3.9	4.3
6	5.8	4.9	5.3	5.3	4.4	4.8	4.0	2.6	3.7	5.0	3.8	4.3
7	5.9	4.9	5.5	5.3	4.4	4.9	3.8	2.6	3.4	---	---	---
8	6.0	4.5	5.3	5.4	4.5	4.9	3.7	2.1	3.1	---	---	---
9	5.6	4.9	5.3	5.2	4.3	4.7	3.7	2.6	3.2	---	---	---
10	5.6	4.6	5.2	5.0	3.7	4.5	3.2	2.0	2.9	---	---	---
11	5.2	4.3	4.9	4.8	3.6	4.2	3.3	2.4	3.0	---	---	---
12	4.9	4.2	4.6	4.6	3.4	4.0	3.3	2.8	3.1	4.0	3.2	3.6
13	5.2	4.2	4.7	4.9	3.0	4.2	3.4	2.6	3.2	4.0	2.6	3.6
14	5.3	4.2	4.8	5.2	3.6	4.5	3.7	3.0	3.4	4.0	2.3	3.4
15	4.8	4.0	4.5	4.7	3.1	4.2	3.7	3.2	3.5	3.4	2.7	3.1
16	4.7	3.9	4.3	4.3	3.3	3.8	3.7	2.9	3.4	---	---	---
17	4.8	4.1	4.6	4.7	3.4	4.1	3.7	2.9	3.4	---	---	---
18	4.7	3.9	4.4	4.6	3.0	4.1	3.7	3.0	3.4	---	---	---
19	4.3	3.7	4.0	4.8	3.2	4.2	3.8	3.1	3.5	---	---	---
20	4.2	3.7	4.0	4.7	2.7	3.8	3.8	3.1	3.5	---	---	---
21	4.2	3.6	3.9	4.5	2.5	3.7	3.9	3.1	3.6	---	---	---
22	4.1	3.5	3.8	4.7	2.6	3.8	3.8	3.2	3.6	---	---	---
23	4.0	3.5	3.8	4.8	2.3	4.3	4.0	3.3	3.7	---	---	---
24	3.9	3.4	3.8	4.9	3.9	4.6	4.5	3.3	3.8	5.4	3.8	4.4
25	4.3	3.8	4.0	5.1	4.1	4.7	4.7	3.5	3.9	5.8	4.3	5.1
26	4.3	3.8	4.1	4.4	3.1	4.1	4.4	3.5	4.0	5.4	2.9	4.1
27	4.6	3.8	4.2	4.2	3.7	3.9	3.9	3.1	3.6	3.7	2.4	3.2
28	4.6	3.8	4.2	4.0	3.5	3.8	3.7	3.0	3.3	3.7	2.5	3.3
29	4.4	3.8	4.0	4.2	3.5	3.8	3.8	3.2	3.5	3.2	1.4	2.2
30	5.2	3.8	4.5	4.3	3.6	3.9	4.0	3.1	3.6	1.8	1.1	1.5
31	---	---	---	4.1	3.1	3.9	3.9	2.9	3.5	---	---	---
MONTH	6.0	3.4	4.5	5.4	2.3	4.3	4.7	2.0	3.5	5.8	1.1	3.6
YEAR	10.1	1.1	6.0									

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

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

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: April 1987 to current year.

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

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens, Sept. 22, 1989; minimum, 70 microsiemens, several days in September 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens, Sept. 22; minimum, less than 100 many days Apr. - Sept.

SPECIFIC CONDUCTANCE (MICROSCIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	920	160	245	280	140	187	500	140	227	9200	140	1200
2	800	140	234	400	140	204	360	120	219	6460	160	816
3	740	160	221	3000	160	552	580	140	228	7240	140	864
4	380	140	189	2520	140	479	900	140	269	580	140	221
5	1000	140	248	4000	160	514	4800	140	632	12200	180	2300
6	1160	140	259	460	140	193	1960	140	320	11300	140	1680
7	560	140	205	460	140	201	1260	140	263	5120	140	812
8	200	140	166	2800	160	451	2780	120	445	8300	140	1280
9	280	140	178	2580	140	447	6300	140	986	5720	140	900
10	360	140	179	5560	140	828	6540	160	1080	9200	140	1440
11	260	120	158	4200	160	660	4580	140	670	3120	140	494
12	460	140	181	8660	160	1430	6820	120	1160	1280	140	316
13	1220	120	253	6200	160	854	9240	120	1330	400	140	185
14	1560	120	306	3820	140	577	4100	160	623	2520	120	572
15	2220	140	371	6160	160	834	1120	140	332	5980	120	686
16	3600	140	508	6420	160	901	6460	140	1020	840	140	212
17	2660	140	406	920	160	287	11600	140	1800	2600	140	442
18	6220	140	780	3720	160	633	1380	140	348	1720	120	301
19	4600	140	640	6580	180	1460	3160	140	467	500	140	199
20	9800	140	1690	6020	180	785	4980	160	820	2020	140	332
21	10100	160	2170	600	160	257	9120	160	1650	1940	140	394
22	3160	160	620	7360	140	1620	11800	140	2610	3260	140	516
23	7740	160	1770	10700	160	1590	17100	160	3180	2380	120	354
24	11300	160	1640	4820	140	770	11000	140	1800	1300	140	261
25	7520	160	1540	6100	140	941	8660	160	1310	420	120	192
26	13600	160	2650	5920	140	879	9780	120	1570	460	140	203
27	17600	160	3640	6800	160	1000	10100	160	1620	380	120	204
28	13500	180	2320	920	120	224	2360	140	460	1080	140	351
29	7160	160	1070	5600	120	713	4380	160	591	600	140	208
30	6800	160	1010	4260	140	662	7760	140	963	640	120	187
31	4200	160	567	---	---	---	2220	140	364	480	120	198
MONTH	17600	120	852	10700	120	704	17100	120	947	12200	120	591

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

SPECIFIC CONDUCTANCE (MICROSCIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8960	140	1140	340	180	221	160	120	129	160	100	128
2	9240	140	1190	480	180	224	200	120	136	140	100	127
3	6100	140	903	1380	180	285	160	120	130	300	120	142
4	9020	140	2360	340	180	216	160	100	117	600	120	170
5	19900	140	4720	340	200	232	160	100	107	860	100	199
6	15300	140	2870	300	200	241	140	100	107	300	120	148
7	11400	160	1930	340	200	240	140	100	112	200	120	143
8	12800	140	2480	360	260	284	140	100	114	160	100	132
9	11000	160	1640	280	200	241	140	100	106	140	100	120
10	9540	140	1480	360	140	230	160	100	111	160	100	119
11	8480	120	1180	280	140	201	160	100	123	140	100	119
12	4880	140	677	300	120	185	180	100	124	140	100	121
13	6920	140	960	240	160	190	180	100	124	160	100	120
14	1900	140	376	200	180	190	140	100	117	140	100	122
15	1720	140	348	240	180	203	120	100	102	140	100	116
16	4680	140	717	240	180	201	160	100	114	140	100	116
17	11300	140	2240	260	160	202	140	100	109	160	100	119
18	12800	180	2700	---	---	---	160	100	109	160	100	115
19	9760	160	1380	---	---	---	180	100	111	160	100	116
20	4060	140	570	---	---	---	140	100	111	200	100	121
21	2040	120	319	200	120	147	160	100	113	160	100	120
22	500	120	183	200	140	168	140	100	118	180	100	122
23	560	120	202	180	140	162	140	100	110	180	100	122
24	340	120	200	200	120	150	140	100	114	180	100	122
25	460	120	215	200	120	150	160	100	111	200	100	125
26	720	120	205	200	120	147	160	100	112	180	100	135
27	180	120	136	180	120	144	140	100	117	180	100	132
28	260	120	169	180	120	141	140	100	118	800	120	205
29	---	---	---	180	120	138	160	100	124	300	120	162
30	---	---	---	180	120	140	160	100	125	640	100	181
31	---	---	---	160	120	135	---	---	---	1880	100	339
MONTH	19900	120	1200	1380	120	193	200	100	116	1880	100	141
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3320	100	588	---	---	---	480	100	134	580	180	261
2	8260	120	1360	860	120	235	620	100	145	300	180	235
3	12200	140	1960	920	120	234	340	100	129	340	180	239
4	11300	120	1750	1460	120	259	180	100	130	300	200	235
5	9480	160	1380	1160	120	247	180	100	142	260	160	211
6	9140	160	1310	720	140	216	200	100	136	600	200	271
7	9900	160	1450	460	140	195	180	120	141	820	180	248
8	6420	120	867	340	140	191	340	120	163	---	---	---
9	1960	160	338	960	160	275	300	140	171	240	100	126
10	300	160	183	580	140	230	180	120	149	460	100	149
11	1940	140	347	460	120	186	400	120	166	---	---	---
12	1340	140	374	2680	120	362	1240	120	216	---	---	---
13	480	140	196	3000	140	408	1360	100	238	4320	100	---
14	2440	120	384	5280	160	809	1400	120	262	2840	100	457
15	3320	100	465	7000	160	1010	2820	100	449	4700	100	737
16	3280	100	465	2560	100	365	3600	100	534	5560	120	755
17	2440	140	414	2240	100	354	---	---	---	3060	120	472
18	1940	100	343	---	---	---	---	---	---	5900	100	891
19	2100	120	344	---	---	---	---	---	---	5580	100	785
20	1720	100	289	5260	100	561	---	---	---	4760	100	679
21	1240	100	231	2600	100	332	1680	100	---	22900	140	4410
22	1140	120	209	1300	100	242	1560	100	269	49400	260	23400
23	1220	120	244	480	100	182	1360	120	243	280	140	198
24	820	120	213	340	100	157	2040	100	345	1580	100	279
25	460	120	191	740	100	189	3400	100	552	300	100	148
26	300	120	165	600	100	177	---	---	---	200	120	156
27	840	100	193	380	100	143	---	---	---	180	100	139
28	1500	120	306	640	100	161	---	---	---	160	100	122
29	1880	160	373	1700	100	316	---	---	---	200	100	128
30	5980	120	975	1120	100	228	---	---	---	180	100	132
31	---	---	---	300	100	122	740	180	292	---	---	---
MONTH	12200	100	597	7000	100	299	3600	100	238	49400	100	1380
YEAR	49400	100	606									

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

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

PERIOD OF RECORD.--April 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1986 to current year.
pH: April 1986 to current year.
WATER TEMPERATURE: April 1986 to current year.
DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since April 1986.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 52,500 microsiemens, Aug. 8, 1987; minimum, less than 100 microsiemens, many days throughout period of record.
pH: Maximum, 8.5 units, Nov. 3, 1987; minimum, 5.0 units, Nov. 22, 1987.
WATER TEMPERATURE: Maximum, 33.0°C, July 21, 1986, July 21, 1987; minimum, 2.5°C, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, 1988; minimum, 2.6 mg/L, Sept. 15, 18, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 45,800 microsiemens, July 29; minimum, 100 microsiemens, many days.
pH: Maximum, 8.2 units, Oct. 27, 31; minimum, 6.0 units, June 11.
WATER TEMPERATURE: Maximum, 31.5°C, July 23, 24; minimum, 7.0°C, Dec. 19.
DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Dec. 20 - 21; minimum, 3.4 mg/L, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17600	200	4600	15700	400	7000	15800	500	6200	26600	700	12400
2	16300	300	4800	14800	400	6000	12300	400	4700	25600	1400	11000
3	17100	300	5300	18400	900	10700	14200	400	5800	25400	600	11500
4	13400	200	5100	19300	700	9700	16400	400	7600	15700	300	6000
5	18800	400	6600	20700	400	7400	25000	700	8900	35300	900	17600
6	17500	400	6400	11800	300	3800	19400	300	6100	37800	900	12900
7	15100	500	6400	10300	100	4000	18100	300	5600	31500	400	11900
8	11200	200	3200	21200	100	7000	24300	300	7500	37600	800	13000
9	15700	300	4700	19700	100	7600	33400	400	10600	33000	600	11900
10	18100	400	5500	25600	100	9200	36800	400	12100	38300	900	14400
11	13500	300	3300	21700	400	8500	27900	400	9400	26000	500	10900
12	12800	200	3300	30200	700	13000	36400	400	12300	21300	300	7900
13	15600	200	4100	27000	700	9800	34100	900	12400	12800	200	4000
14	18800	200	5200	22500	100	7300	30100	300	8900	23600	1000	10400
15	18300	300	5900	23400	500	9400	20100	400	8300	26700	300	7700
16	21100	400	7300	24600	1000	10800	28100	800	11900	14300	200	4100
17	18800	300	6700	15400	100	6600	34700	500	14400	25700	400	7600
18	21200	500	8100	22100	100	9500	19300	500	7900	20000	300	5800
19	22400	400	9000	26300	200	14200	19900	500	8100	11600	200	4100
20	31100	1300	14100	24600	100	10000	28500	600	10800	20900	200	5300
21	30900	4600	17300	12800	100	5400	34100	600	14600	21100	200	7100
22	25000	500	11500	34800	100	15600	34300	1000	17400	23900	300	8300
23	32400	900	15100	36800	1400	13800	41000	1900	19200	21400	300	7800
24	35600	1500	14800	31900	300	10700	37000	800	15000	19400	400	6300
25	33700	100	14900	30500	500	10800	32000	800	13300	12800	300	4200
26	37800	1500	18200	30500	500	10400	32800	900	14400	12000	300	4300
27	38400	1600	20000	27400	700	10900	30500	1500	14900	12500	400	5100
28	33900	1500	15700	20200	300	4800	22400	700	9400	18200	800	8300
29	29200	100	11500	22900	300	8800	21600	900	9500	14800	300	4300
30	26400	800	11700	23700	900	11300	26700	1200	13200	11600	300	4000
31	24900	800	10800	---	---	---	19700	900	9700	13400	600	7000
MONTH	38400	100	9100	36800	100	9100	41000	300	10600	38300	200	8300

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	25400	800	11200	10200	200	3000	700	100	200	800	100	300
2	25000	700	10400	12700	200	3500	2400	100	400	3800	100	500
3	24600	500	10100	20300	200	4400	500	100	200	20900	100	2700
4	31600	500	16300	6100	200	1200	300	100	200	25000	100	3800
5	42800	4200	22900	8000	200	1800	300	100	200	31500	100	4700
6	39900	1500	19000	8900	200	2300	200	100	100	15600	100	2800
7	41100	900	16600	10300	200	2300	300	100	100	7900	200	1600
8	40000	800	18600	12200	200	3300	200	100	100	5100	100	1100
9	32500	1200	15700	18500	100	2800	200	100	100	6100	100	900
10	34500	800	15100	19600	100	2400	200	100	100	6300	100	900
11	34100	500	12200	9200	100	1500	200	100	100	2800	100	600
12	25400	700	10300	3100	100	400	200	100	100	2800	100	700
13	27000	500	11400	500	100	200	200	100	100	2800	100	500
14	20900	300	7400	200	100	100	200	100	100	1000	100	300
15	18700	500	7900	200	100	100	200	100	100	700	100	200
16	22100	500	11300	200	100	100	200	100	100	400	100	100
17	32300	1200	16500	200	100	200	200	100	100	400	100	200
18	34900	2000	18200	200	100	100	200	100	100	800	100	200
19	30600	2800	15300	200	100	100	200	100	100	2200	100	300
20	24700	800	10700	300	100	100	200	100	100	1200	100	200
21	21300	500	7800	300	100	100	400	100	200	1000	100	200
22	14400	400	5200	2000	100	300	300	100	200	1200	100	200
23	13800	300	4600	1900	100	400	200	100	100	1400	100	200
24	12100	300	3300	600	100	200	200	100	100	3600	100	300
25	12800	500	4900	300	100	200	200	100	100	5700	100	700
26	17600	200	4600	300	100	200	300	100	100	5400	100	800
27	8900	200	2400	400	100	200	700	100	200	2600	100	800
28	12200	100	2900	300	100	200	600	100	200	17300	100	4000
29	---	---	---	1700	100	200	1400	100	300	12900	200	4600
30	---	---	---	2300	100	400	400	100	200	14500	200	3200
31	---	---	---	1700	100	300	---	---	---	24800	300	5600
MONTH	42800	100	11200	20300	100	1100	2400	100	100	31500	100	1400
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30100	300	7800	30000	300	9600	19000	200	3100	12100	100	4700
2	37500	500	11700	23400	200	5500	19700	200	4800	6500	100	2400
3	42600	800	15300	21700	100	3800	13000	200	3800	6000	100	2000
4	36200	700	15100	21500	100	4500	5800	200	2100	6700	100	2000
5	35500	600	13300	14000	200	5000	6300	200	1800	5600	100	1700
6	33200	900	13200	10800	200	3600	7400	200	2400	15200	100	3900
7	28000	900	12900	9600	200	2700	9100	100	2600	18500	100	6300
8	27200	600	9400	10000	200	3500	12400	100	3200	15100	200	6100
9	20100	300	5400	18600	300	6400	14000	200	4400	12500	200	3700
10	7900	300	3100	14200	300	5600	8400	100	2000	14600	200	4200
11	16500	400	6500	14900	200	4200	14100	100	3700	19000	200	5100
12	18200	700	8400	22100	200	6200	19000	100	4900	27000	300	7600
13	14400	300	4700	21200	300	7300	19600	100	4900	30000	400	9200
14	20700	300	5800	28100	300	9200	20100	300	4900	27100	500	9700
15	21800	400	7100	27600	700	11600	25300	200	6200	32000	200	10900
16	22400	400	8100	27300	300	8200	26400	100	7300	30600	100	10800
17	21200	300	5700	28100	300	7300	25300	100	8500	29000	100	9200
18	21700	200	5100	34600	300	9800	25300	100	9000	34000	100	12300
19	25800	200	5500	34800	600	13300	21700	100	9300	33100	100	10100
20	24100	300	5200	27300	300	9100	21500	100	8300	30700	100	9600
21	16700	200	4200	25100	300	7700	19100	100	6800	---	---	---
22	17400	200	3500	16400	300	6000	17200	100	5300	---	---	---
23	14000	200	4200	15100	200	4000	17700	100	4700	---	---	---
24	15400	200	4300	9600	200	3100	19500	100	5200	21500	300	5300
25	10900	200	4300	15800	200	4300	29600	300	9400	13400	500	5700
26	11900	200	3700	13700	200	3900	26500	700	11700	1600	300	700
27	11900	200	3200	11800	100	2500	19000	400	7700	7600	300	1400
28	24200	200	5200	15300	100	2900	14000	100	3900	4300	200	1400
29	25600	200	6100	45800	200	7300	13400	100	4200	3400	200	1000
30	40000	300	11300	23200	300	6700	11000	200	3700	3600	200	1200
31	---	---	---	14500	200	2900	13500	100	3800	---	---	---
MONTH	42600	200	7300	45800	100	6100	29600	100	5300	34000	100	5500
YEAR	45800	100	6200									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.5	27.0	29.0	28.0	28.5	---	---	---	30.5	28.5	29.5
2	28.5	26.5	27.5	29.5	27.5	28.5	---	---	---	31.0	29.0	30.0
3	29.0	27.0	28.0	---	---	---	---	---	---	30.0	28.5	29.0
4	29.0	27.5	28.0	29.5	27.0	28.0	---	---	---	28.0	26.5	27.5
5	28.5	27.0	28.0	30.0	27.0	29.0	30.0	28.0	29.0	27.5	26.0	26.5
6	27.5	26.5	27.5	30.0	28.5	29.5	30.0	28.5	29.5	28.0	26.0	27.0
7	27.5	26.5	27.0	30.0	28.5	29.0	30.0	28.5	29.5	28.0	26.0	27.0
8	27.5	26.0	27.0	30.5	28.5	29.5	29.5	28.0	28.5	27.5	26.5	27.0
9	27.0	26.0	26.5	30.5	28.0	29.5	27.5	26.0	26.5	28.0	26.0	27.0
10	27.5	26.0	26.5	31.0	27.5	29.5	25.5	25.0	25.5	27.5	26.5	27.0
11	28.0	26.5	27.0	31.0	29.5	30.5	26.0	24.0	25.0	28.0	26.5	27.0
12	28.5	27.0	27.5	---	---	---	26.0	24.0	25.0	28.5	27.0	27.5
13	28.5	27.5	28.0	---	---	---	26.0	24.5	25.0	28.5	27.0	28.0
14	29.5	28.0	28.5	30.5	30.0	30.5	28.5	25.0	26.0	28.0	27.5	28.0
15	29.5	28.5	29.0	30.0	29.5	30.0	26.5	26.0	26.5	28.5	27.5	28.0
16	30.0	28.5	29.0	29.5	29.0	29.5	27.5	26.0	27.0	29.0	27.0	28.0
17	29.0	27.5	28.0	30.0	29.0	29.5	28.0	26.5	27.5	28.5	27.5	28.0
18	29.5	27.5	28.5	29.5	28.5	29.0	28.5	27.0	28.0	27.5	26.0	27.0
19	29.5	28.0	29.0	30.0	28.5	29.0	28.0	27.5	28.0	26.5	25.0	26.0
20	30.0	28.5	29.0	29.5	29.0	29.0	29.5	27.0	28.0	26.0	25.0	25.5
21	30.0	28.5	29.0	30.5	29.0	29.5	29.5	27.5	28.5	---	---	---
22	30.0	29.0	29.0	31.0	29.5	30.0	30.5	28.0	29.0	---	---	---
23	30.5	28.5	29.0	31.5	29.5	30.5	30.5	28.5	29.5	---	---	---
24	30.0	28.5	29.0	31.5	29.0	30.5	30.5	29.0	29.5	26.5	24.0	25.5
25	30.0	28.5	29.5	31.0	28.0	29.5	30.0	29.0	29.5	24.0	22.0	23.5
26	30.5	28.5	29.5	30.5	29.0	30.0	29.5	28.5	29.0	24.5	22.5	24.0
27	30.0	29.0	29.5	30.5	28.0	29.5	29.0	28.5	29.0	24.0	22.5	23.5
28	30.0	28.5	29.5	30.5	28.0	29.5	29.5	28.0	29.0	23.0	22.0	23.0
29	29.0	28.5	29.0	---	---	---	29.5	28.5	29.0	24.0	22.5	23.0
30	29.5	28.0	28.5	---	---	---	29.5	28.5	29.0	23.5	22.0	23.5
31	---	---	---	---	---	---	30.0	28.5	29.5	---	---	---
MONTH	30.5	26.0	28.5	31.5	27.0	29.5	30.5	24.0	28.0	31.0	22.0	26.5
YEAR	31.5	7.0	19.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.9	5.2	5.6	5.8	5.1	5.5	5.0	4.4	4.7	5.0	4.3	4.7
2	6.5	5.0	5.5	6.0	5.2	5.6	4.9	4.3	4.7	5.0	4.4	4.7
3	6.6	5.3	5.7	5.8	4.9	5.5	5.0	4.3	4.7	5.3	4.3	4.8
4	6.3	5.3	5.8	5.7	5.1	5.4	5.1	4.5	4.7	5.6	4.9	5.3
5	6.0	5.5	5.9	5.6	5.0	5.4	5.1	4.3	4.7	5.9	5.3	5.6
6	6.1	5.8	6.0	5.9	5.1	5.5	5.0	4.4	4.7	6.0	5.3	5.7
7	6.3	5.9	6.1	6.2	5.3	5.8	5.0	4.1	4.7	5.8	5.3	5.6
8	6.3	6.0	6.1	6.2	5.4	5.8	5.0	4.5	4.8	6.0	5.2	5.6
9	6.5	5.9	6.2	5.8	5.1	5.6	5.4	4.6	5.2	5.5	4.8	5.3
10	6.4	5.7	6.2	5.8	4.8	5.5	5.4	4.9	5.3	5.1	4.6	4.9
11	6.2	5.3	5.9	5.6	5.1	5.4	5.4	4.7	5.1	5.3	4.4	4.8
12	5.9	5.3	5.7	5.4	4.6	5.2	5.3	4.4	5.0	5.3	5.0	5.1
13	6.0	5.4	5.7	5.4	4.6	5.2	5.2	4.6	5.0	5.5	4.8	5.2
14	5.9	5.2	5.6	5.2	4.6	5.1	5.2	4.7	5.0	5.7	4.8	5.2
15	6.0	5.3	5.7	5.2	4.5	4.9	5.4	4.8	5.1	6.2	5.1	5.7
16	6.2	5.4	5.9	5.5	4.5	5.1	5.5	4.8	5.2	6.7	6.0	6.4
17	6.5	5.5	6.0	5.6	4.8	5.3	5.5	5.0	5.3	---	---	---
18	6.1	5.4	5.8	5.4	4.6	5.2	5.7	4.8	5.3	---	---	---
19	5.8	5.1	5.6	5.4	4.7	5.1	5.7	4.6	5.4	---	---	---
20	5.6	5.2	5.5	5.6	4.9	5.2	5.9	5.1	5.5	---	---	---
21	5.5	4.9	5.3	5.6	4.8	5.3	5.9	5.0	5.5	---	---	---
22	5.4	4.7	5.2	5.6	5.0	5.3	5.8	4.8	5.3	---	---	---
23	5.3	4.9	5.2	5.5	4.9	5.3	5.9	4.8	5.3	---	---	---
24	5.5	5.0	5.2	5.5	4.6	5.2	5.7	4.6	5.3	6.1	5.6	5.9
25	5.5	4.9	5.3	5.5	4.9	5.2	5.6	5.0	5.4	6.4	5.9	6.2
26	5.5	4.9	5.3	5.5	5.0	5.4	5.6	4.8	5.4	6.1	5.0	5.7
27	5.5	4.8	5.3	5.5	5.0	5.3	5.6	4.8	5.3	5.9	4.4	5.5
28	5.6	5.2	5.4	5.4	4.8	5.1	5.5	4.4	5.0	7.1	4.8	5.7
29	5.5	5.0	5.2	5.4	4.4	5.0	4.9	4.2	4.6	5.6	4.5	5.1
30	6.0	4.7	5.4	5.4	4.5	5.0	4.9	4.0	4.6	5.1	3.4	4.2
31	---	---	---	5.2	4.3	4.8	4.9	4.4	4.7	---	---	---
MONTH	6.6	4.7	5.6	6.2	4.3	5.3	5.9	4.0	5.0	7.1	3.4	5.3
YEAR	10.7	3.4	6.8									

NOTE.--Dissolved oxygen concentratins are not corrected for salinity.

02110802 WACCAMAW RIVER AT BUCKSPORT, SC

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

PERIOD OF RECORD.--October 1983 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to current year.
pH: February 1986 to current year.
WATER TEMPERATURE: February 1986 to current year.
DISSOLVED OXYGEN: April 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens, June 2, 1985; minimum, 40 microsiemens, many days 1983, 1984, 1985.
pH: Maximum, 7.8 units, Sept. 1, 2, 11, 1986; minimum, 5.0 units, Aug. 16, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 5, 1987; minimum, 3.5°C, Jan. 15-18, 1988.
DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Dec. 17, 1989; minimum, 0.3 mg/L, Sept. 29, 30, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 150 microsiemens, Sept. 22; minimum, 60 microsiemens, many days in Apr., May, Sept. 5, 6.
pH: Maximum, 7.3 units, Dec. 22, July 13 - 17; minimum, 5.6 units, several days in Sept.
WATER TEMPERATURE: Maximum, 30.0°C, July 12, Aug. 6, 7; minimum, 6.0°C, Dec. 18 - 20.
DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Dec. 17; minimum, 0.8 mg/L, Sept. 29, 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	90	96	126	100	114	120	110	111	130	120	125
2	100	90	96	111	91	103	120	110	112	130	120	126
3	110	90	99	111	91	103	120	110	114	130	120	126
4	110	90	100	122	101	108	120	110	116	130	120	126
5	110	90	97	132	102	118	130	110	120	130	120	125
6	110	90	96	113	103	111	130	110	120	130	120	126
7	110	90	100	114	93	109	120	110	120	130	120	123
8	120	100	105	114	104	106	130	110	120	130	110	120
9	120	100	107	115	105	109	120	110	118	120	110	119
10	130	100	108	116	105	110	120	110	117	130	110	118
11	120	90	106	116	106	110	120	110	116	120	110	117
12	100	80	95	117	106	112	120	110	116	130	110	117
13	110	80	88	117	107	111	120	110	116	130	110	119
14	110	80	94	118	107	111	120	110	115	130	110	118
15	108	90	100	119	108	113	120	110	116	120	110	115
16	110	95	101	119	109	114	120	110	114	120	110	118
17	101	78	90	120	109	116	130	110	118	120	110	117
18	98	79	87	120	110	115	120	110	117	120	110	116
19	99	83	92	120	110	117	120	110	116	120	110	116
20	103	86	93	120	110	117	120	110	118	120	110	117
21	101	87	94	120	110	115	130	110	120	120	110	118
22	101	85	94	120	110	117	130	120	121	120	110	117
23	100	81	92	120	110	115	130	120	126	120	110	117
24	108	88	99	120	110	112	130	120	125	120	110	114
25	107	96	102	120	100	110	130	120	121	120	110	116
26	115	104	107	120	100	111	130	120	121	121	110	116
27	114	103	111	110	110	110	130	120	123	122	111	115
28	122	111	114	120	100	109	130	120	124	124	113	118
29	121	110	116	120	100	109	130	120	125	126	114	117
30	129	118	120	120	110	112	130	120	124	127	116	122
31	127	116	122	---	---	---	130	120	126	129	118	123
MONTH	130	78	101	132	91	112	130	110	119	130	110	119

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	130	110	123	125	105	116	100	80	86	80	70	75
2	130	120	121	126	96	109	90	70	82	80	70	74
3	130	120	121	117	97	109	90	70	77	80	70	73
4	120	110	119	118	107	112	80	70	75	80	70	73
5	130	110	119	119	108	112	80	60	72	80	70	76
6	130	110	123	119	99	108	80	60	71	80	70	76
7	130	120	123	110	90	97	80	60	68	80	70	72
8	120	110	117	100	80	88	80	60	71	80	70	72
9	130	110	118	90	80	85	80	60	71	80	60	71
10	120	110	117	90	80	85	80	60	74	80	60	72
11	130	110	118	90	80	83	80	70	75	80	60	72
12	130	110	120	90	80	84	80	70	76	80	70	72
13	130	110	121	90	80	82	90	70	79	80	60	72
14	130	120	122	90	80	85	90	70	77	80	70	74
15	130	110	120	100	80	90	80	70	74	80	70	74
16	130	120	122	100	80	91	80	70	74	80	60	73
17	130	110	120	90	80	89	80	60	72	80	60	71
18	130	110	122	90	80	89	80	70	74	80	70	74
19	130	120	123	90	80	89	80	70	76	80	70	72
20	140	110	126	90	80	84	70	60	70	80	70	74
21	130	120	126	90	80	86	80	70	72	80	70	73
22	120	110	118	90	80	85	80	70	73	80	70	74
23	121	110	112	90	80	84	80	60	70	80	70	76
24	112	101	111	90	80	86	80	70	73	80	70	76
25	122	102	115	100	80	87	80	70	75	80	70	79
26	133	113	119	100	80	89	80	70	74	90	80	82
27	124	113	119	100	80	89	80	70	76	90	70	80
28	125	104	120	100	80	89	80	70	74	90	80	83
29	---	---	---	100	80	89	80	70	76	90	80	82
30	---	---	---	100	80	89	80	70	75	90	70	82
31	---	---	---	100	80	89	---	---	---	90	80	80
MONTH	140	101	120	126	80	92	100	60	74	90	60	75
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	70	80	100	90	94	120	80	92	100	70	83
2	90	70	81	100	90	93	100	80	84	90	70	81
3	90	70	82	100	80	90	100	80	85	80	70	76
4	90	80	85	100	80	92	110	80	88	90	70	73
5	100	80	86	100	80	91	120	80	86	90	60	74
6	100	80	87	90	80	89	90	80	86	80	60	71
7	100	70	84	100	80	90	90	80	84	90	70	77
8	90	70	80	100	80	91	90	70	81	90	70	79
9	90	70	80	100	90	95	90	80	84	80	70	76
10	90	70	84	100	90	96	90	70	80	80	70	76
11	90	70	85	100	90	96	80	70	74	90	70	77
12	100	80	93	100	90	97	80	70	74	90	70	79
13	100	80	92	100	90	99	90	70	75	90	70	81
14	110	80	94	100	90	94	80	70	72	90	70	82
15	100	90	95	100	90	96	80	70	74	90	80	81
16	100	90	96	100	90	94	90	70	76	90	70	80
17	100	90	96	100	90	96	90	70	77	80	70	72
18	100	90	96	100	90	96	90	70	79	90	70	74
19	110	90	97	110	90	98	100	70	84	100	70	79
20	100	90	98	100	90	97	100	70	85	90	70	77
21	100	90	98	100	90	95	90	80	84	100	70	80
22	100	90	96	100	90	92	90	80	84	150	90	118
23	100	90	94	100	90	92	90	80	84	120	110	119
24	100	80	93	100	90	93	90	80	82	120	100	110
25	100	80	92	100	90	95	90	80	84	120	100	108
26	100	90	94	100	80	92	90	80	88	120	100	111
27	100	90	92	110	80	94	100	80	89	---	---	---
28	100	90	94	100	80	93	100	80	86	---	---	---
29	100	90	92	110	90	93	100	80	85	---	---	---
30	100	90	92	110	80	92	100	80	85	---	---	---
31	---	---	---	110	80	92	90	80	82	---	---	---
MONTH	110	70	90	110	80	94	120	70	82	---	---	---
YEAR	150	60	97									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.1	5.7	6.9	6.7	6.9	6.7	7.0	6.6	6.7	6.3	6.8	6.7
2	6.1	5.8	6.8	6.6	6.9	6.7	6.9	6.6	6.6	6.0	6.7	6.6
3	6.1	5.8	6.8	6.6	7.0	6.8	6.9	6.6	6.4	6.0	6.7	6.5
4	6.2	5.8	7.0	6.6	7.1	6.8	7.1	6.6	6.5	6.3	6.6	6.5
5	6.2	5.9	7.0	6.7	7.2	6.9	7.0	6.6	6.6	6.5	6.6	6.4
6	6.3	5.9	6.9	6.6	7.2	6.9	7.0	6.7	6.7	6.5	6.5	6.4
7	6.4	6.0	6.8	6.5	7.1	6.9	7.0	6.7	6.8	6.7	6.5	6.4
8	6.5	6.2	6.8	6.6	7.1	6.7	6.9	6.6	7.0	6.6	6.5	6.3
9	6.6	6.2	6.8	6.6	7.2	6.6	7.0	6.7	7.0	6.8	6.5	6.3
10	6.6	6.3	6.8	6.7	7.2	6.6	6.8	6.7	7.0	6.8	6.5	6.3
11	6.7	6.3	6.7	6.6	7.1	6.5	6.7	6.7	7.1	6.9	6.5	6.3
12	6.4	6.2	6.7	6.6	7.2	6.9	6.7	6.5	7.1	6.9	6.5	6.3
13	6.4	6.2	6.7	6.6	7.2	7.0	6.8	6.3	7.1	6.9	6.5	6.4
14	6.4	6.2	6.7	6.5	7.1	6.6	6.8	6.7	7.2	6.9	6.5	6.4
15	6.4	6.2	6.7	6.5	7.1	6.5	6.8	6.7	7.1	6.9	6.5	6.4
16	6.5	6.3	6.7	6.5	7.1	6.6	6.8	6.4	7.1	6.9	6.5	6.3
17	6.7	6.3	6.7	6.5	7.2	7.0	6.8	6.6	7.2	6.9	6.5	6.3
18	6.7	6.4	6.8	6.5	7.1	6.7	6.9	6.5	7.2	7.0	6.5	6.4
19	6.7	6.4	6.8	6.6	7.1	6.7	6.9	6.4	7.1	6.9	6.5	6.4
20	6.7	6.5	6.8	6.6	7.2	6.6	7.0	6.5	7.0	6.8	6.6	6.4
21	6.7	6.5	6.7	6.6	7.1	6.5	7.0	6.6	7.1	6.8	6.6	6.4
22	6.7	6.4	6.8	6.6	7.3	6.6	6.9	6.8	6.9	6.6	6.5	6.3
23	6.7	6.5	6.9	6.7	7.2	6.8	6.9	6.7	6.8	6.6	6.6	6.4
24	6.7	6.5	6.8	6.6	7.1	6.7	6.8	6.7	6.7	6.6	6.6	6.3
25	6.6	6.4	6.8	6.6	7.0	6.5	6.8	6.4	6.9	6.6	6.4	6.2
26	6.7	6.4	6.8	6.6	7.0	6.5	6.8	6.3	7.0	6.7	6.3	6.2
27	6.8	6.4	6.8	6.6	7.0	6.8	6.7	6.4	6.8	6.6	6.4	6.2
28	6.8	6.5	6.7	6.6	7.0	6.7	6.7	6.4	6.8	6.7	6.4	6.2
29	6.8	6.5	6.8	6.6	7.1	6.6	6.6	6.3	---	---	6.4	6.2
30	6.9	6.5	6.8	6.7	7.0	6.7	6.8	6.4	---	---	6.5	6.2
31	7.0	6.7	---	---	6.9	6.6	6.6	6.2	---	---	6.4	6.2
MONTH	7.0	5.7	7.0	6.5	7.3	6.5	7.1	6.2	7.2	6.0	6.8	6.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.3	6.2	---	---	6.5	6.1	6.8	6.5	6.6	6.5	6.6	6.2
2	6.5	6.2	---	---	6.5	6.2	6.8	6.5	6.6	6.4	6.6	6.2
3	6.5	6.4	---	---	6.5	6.2	6.7	6.3	6.5	6.3	6.4	6.1
4	6.5	6.3	---	---	6.7	6.3	6.6	6.4	6.5	6.4	6.4	6.0
5	6.5	6.3	---	---	6.7	6.1	6.6	6.1	6.5	6.3	6.3	5.9
6	6.4	6.2	---	---	6.5	6.0	6.4	6.1	6.5	6.2	6.3	5.9
7	6.4	6.2	---	---	6.5	6.0	6.5	6.2	6.6	6.2	6.3	5.8
8	6.3	6.2	---	---	6.2	6.0	6.5	6.3	6.7	6.2	6.3	5.9
9	6.3	6.1	6.2	5.8	6.1	6.0	6.7	6.4	6.7	6.3	6.2	5.8
10	6.2	5.9	6.4	5.9	6.2	6.0	6.9	6.5	6.4	6.1	6.1	5.7
11	6.0	5.8	6.3	5.8	6.4	6.1	7.1	6.7	6.2	5.9	6.1	5.7
12	6.0	5.8	6.2	5.9	6.6	6.2	7.2	6.7	6.2	5.8	6.0	5.7
13	6.0	5.8	6.2	5.9	6.6	6.3	7.3	6.9	6.2	5.9	6.1	5.8
14	6.0	5.8	6.5	6.0	6.6	6.3	7.3	7.0	6.3	5.9	6.1	5.8
15	5.9	5.8	6.5	6.1	6.8	6.4	7.3	7.0	6.2	5.9	6.1	5.7
16	6.0	5.8	6.6	6.3	6.8	6.5	7.3	6.9	6.2	5.9	6.0	5.6
17	5.9	5.8	6.5	6.4	6.8	6.5	7.3	6.9	6.3	6.0	5.9	5.7
18	6.0	5.9	6.6	6.4	6.7	6.4	7.1	6.8	6.4	6.0	6.2	5.7
19	5.9	5.9	6.7	6.5	6.7	6.4	7.1	6.8	6.5	6.1	6.1	5.6
20	6.0	5.8	6.7	6.5	6.6	6.3	7.0	6.8	6.5	6.1	6.1	5.6
21	6.2	5.9	6.7	6.5	6.7	6.3	7.0	6.7	6.5	6.2	6.5	5.6
22	6.4	5.9	6.7	6.5	6.7	6.3	6.9	6.6	6.6	6.2	6.8	6.3
23	---	---	6.7	6.4	6.6	6.3	6.9	6.6	6.5	6.2	6.3	6.0
24	---	---	6.6	6.3	6.6	6.3	6.8	6.7	6.5	6.3	6.1	5.9
25	---	---	6.6	6.3	6.6	6.3	6.9	6.7	6.5	6.3	6.1	5.9
26	---	---	6.6	6.3	6.6	6.3	6.8	6.7	6.6	6.3	6.0	5.8
27	---	---	6.6	6.3	6.6	6.3	6.7	6.6	6.6	6.3	6.0	5.9
28	---	---	6.6	6.3	6.7	6.3	6.7	6.6	6.6	6.3	6.1	5.9
29	---	---	6.6	6.4	6.7	6.4	6.7	6.6	6.6	6.3	6.2	6.0
30	---	---	6.5	6.3	6.7	6.4	6.7	6.6	6.5	6.2	6.2	6.1
31	---	---	6.5	6.3	---	---	6.6	6.5	6.5	6.3	---	---
MONTH	6.5	5.8	6.7	5.8	6.8	6.0	7.3	6.1	6.7	5.8	6.8	5.6
YEAR	7.3	5.6										

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.0	25.5	27.5	27.0	27.5	28.5	27.5	28.0	27.0	26.5	27.0
2	27.0	25.5	26.0	27.5	27.0	27.5	28.0	27.5	27.5	27.5	26.5	27.0
3	27.5	26.0	27.0	27.5	27.0	27.5	28.0	27.0	27.5	27.0	26.0	27.0
4	28.0	27.0	27.5	28.0	27.0	27.5	28.5	27.5	28.0	26.5	25.0	25.5
5	27.5	27.0	27.5	27.5	27.0	27.5	29.0	28.0	28.5	25.5	24.5	25.0
6	27.0	26.0	26.5	27.0	26.5	26.5	30.0	29.0	29.5	25.5	24.5	25.0
7	26.5	25.5	26.0	27.0	26.5	27.0	30.0	29.0	29.5	25.5	25.0	25.5
8	26.0	25.5	25.5	28.0	27.0	27.5	29.0	27.5	28.5	25.0	24.5	25.0
9	25.5	25.0	25.5	28.5	27.5	27.5	27.5	25.5	26.5	25.5	24.5	25.0
10	26.0	25.0	25.5	28.5	27.5	28.0	25.5	24.5	25.0	25.5	24.5	25.0
11	26.5	25.5	26.0	29.0	28.0	28.5	24.5	24.0	24.0	25.0	24.5	25.0
12	27.5	26.0	26.5	30.0	28.5	29.0	24.0	23.5	24.0	25.0	24.0	25.0
13	28.0	26.5	27.0	29.5	28.5	29.0	25.0	24.0	24.0	25.5	24.5	25.0
14	28.5	27.0	27.5	29.5	28.5	29.0	24.5	24.0	24.5	25.0	24.5	25.0
15	29.0	27.5	28.0	29.5	28.5	28.5	24.5	24.0	24.5	25.5	24.5	25.0
16	28.5	27.5	28.0	29.0	27.5	28.0	25.0	24.0	25.0	25.5	25.0	25.5
17	28.0	27.5	27.5	29.0	28.5	28.5	25.5	24.5	25.0	25.5	24.5	25.0
18	28.0	27.0	27.5	29.0	28.5	29.0	26.0	25.0	25.5	25.5	24.5	25.0
19	27.5	27.5	27.5	28.5	27.5	28.0	26.0	25.5	25.5	24.5	23.5	24.0
20	27.5	27.0	27.5	28.5	26.5	27.5	26.0	25.5	25.5	24.0	23.0	23.5
21	28.0	27.0	27.5	28.0	26.5	27.5	26.5	25.5	26.0	24.0	23.5	23.5
22	28.0	27.0	27.5	28.0	26.5	27.5	27.0	26.0	26.5	24.5	23.5	24.0
23	28.0	27.0	27.5	27.5	27.0	27.5	27.5	27.0	27.5	24.0	23.5	23.5
24	28.0	27.0	27.5	27.5	26.5	27.5	28.5	27.5	28.0	23.0	22.0	22.5
25	28.0	27.0	27.5	28.0	26.0	27.0	28.0	27.5	27.5	22.0	20.5	21.0
26	28.0	27.5	28.0	28.5	26.0	27.0	28.0	27.5	27.5	21.0	20.0	20.5
27	28.5	27.5	28.0	27.5	26.0	27.0	27.5	27.5	27.5	20.5	20.5	20.5
28	29.0	27.5	28.0	28.0	26.5	27.0	27.5	27.0	27.5	21.0	19.5	20.0
29	28.5	27.5	28.0	28.5	27.0	27.5	27.5	27.0	27.5	20.5	20.0	20.0
30	28.0	27.5	28.0	28.0	27.5	27.5	27.5	26.5	27.0	20.5	20.5	20.5
31	---	---	---	28.5	27.0	27.5	27.0	26.0	26.5	---	---	---
MONTH	29.0	25.0	27.0	30.0	26.0	27.5	30.0	23.5	26.5	27.5	19.5	24.0
YEAR	30.0	6.0	18.5									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.6	3.8	4.1	6.6	5.8	6.3	7.9	7.3	7.6	8.9	8.6	8.8
2	4.5	3.9	4.2	6.4	5.8	6.1	8.2	7.4	7.8	8.8	8.5	8.7
3	4.7	3.8	4.2	6.8	6.0	6.3	8.7	7.7	8.2	8.9	8.4	8.7
4	4.9	4.0	4.2	7.2	5.9	6.5	9.5	8.0	8.5	9.0	8.4	8.6
5	5.4	4.1	4.5	7.2	6.3	6.8	10.0	8.6	9.4	10.1	8.6	9.2
6	5.7	4.4	4.8	7.2	5.9	6.4	9.9	9.1	9.6	9.5	8.9	9.3
7	6.8	5.0	5.7	7.0	5.7	6.2	9.9	9.3	9.6	10.1	8.7	9.2
8	6.8	5.6	6.1	7.0	6.0	6.5	10.3	9.1	9.7	10.4	8.5	9.4
9	7.1	5.9	6.4	7.2	6.1	6.7	10.8	8.8	10.0	9.9	8.7	9.2
10	7.2	6.2	6.7	7.0	6.4	6.7	10.7	9.5	10.1	9.4	8.6	9.0
11	7.2	5.9	6.6	7.1	6.3	6.7	10.6	9.7	10.2	9.1	8.2	8.8
12	6.1	5.1	5.6	7.5	6.6	7.0	10.7	9.6	10.3	9.0	8.2	8.7
13	6.6	5.4	6.0	7.3	6.3	6.7	10.7	9.8	10.4	8.6	8.0	8.3
14	7.3	6.3	6.7	7.2	6.0	6.5	10.5	9.9	10.2	9.0	8.2	8.6
15	7.1	6.5	6.8	6.9	6.1	6.4	10.4	9.5	10.1	9.1	8.4	8.7
16	7.7	6.5	7.2	7.2	6.0	6.4	10.5	9.5	10.0	9.0	8.2	8.6
17	7.1	5.8	6.4	6.9	5.8	6.3	10.9	9.9	10.3	9.2	8.1	8.8
18	6.8	5.8	6.2	6.4	5.5	6.0	10.2	9.8	10.0	9.5	8.5	9.0
19	6.4	5.5	5.9	6.6	5.8	6.3	10.3	9.7	9.9	9.7	8.5	9.0
20	6.5	5.6	5.9	6.7	6.1	6.3	10.4	9.6	9.9	9.7	8.5	9.1
21	6.3	5.8	6.1	6.4	5.9	6.1	10.2	9.7	9.9	9.9	8.6	9.3
22	6.2	5.4	5.7	7.4	5.9	6.7	10.3	9.7	10.0	10.0	9.4	9.8
23	6.1	5.4	5.7	7.7	6.6	7.2	10.4	9.6	10.0	10.0	9.4	9.8
24	6.3	5.5	5.9	7.6	6.8	7.2	10.3	8.9	9.7	9.9	9.1	9.7
25	5.9	5.3	5.6	7.6	6.8	7.2	10.0	8.9	9.5	9.9	9.1	9.4
26	6.1	5.3	5.6	7.7	6.8	7.2	9.8	9.2	9.5	9.7	9.0	9.2
27	6.2	5.3	5.7	7.8	6.0	7.1	9.6	9.3	9.5	9.9	8.8	9.2
28	6.6	5.2	5.7	7.8	6.0	7.0	9.5	8.9	9.3	9.8	8.2	8.9
29	6.1	5.2	5.5	8.1	7.0	7.2	9.3	8.7	9.1	9.6	8.1	8.8
30	6.6	5.3	5.9	7.9	7.2	7.5	9.2	8.9	9.1	9.8	8.5	8.9
31	6.9	5.9	6.4	---	---	---	9.0	8.8	8.9	9.4	8.2	8.5
MONTH	7.7	3.8	5.7	8.1	5.5	6.6	10.9	7.3	9.6	10.4	8.0	9.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.7	8.2	8.5	9.7	9.1	9.4	6.0	5.4	5.7	3.0	2.4	2.8
2	8.6	8.1	8.3	9.9	9.1	9.4	6.1	5.3	5.7	3.0	2.5	2.8
3	8.4	7.8	8.2	9.5	9.0	9.3	6.0	5.3	5.7	3.0	2.6	2.8
4	8.5	8.2	8.4	9.5	8.8	9.0	5.8	5.5	5.7	3.2	2.7	3.0
5	8.6	8.3	8.5	9.3	8.6	8.8	5.7	5.3	5.5	3.9	3.0	3.4
6	8.5	8.3	8.4	9.0	8.3	8.6	5.3	4.8	5.2	4.3	3.2	3.6
7	8.4	8.1	8.2	8.4	7.5	7.9	5.3	4.9	5.1	3.5	3.1	3.3
8	8.3	8.0	8.2	8.4	7.6	8.0	5.3	4.8	5.1	3.7	3.4	3.6
9	8.5	8.1	8.3	9.0	8.0	8.5	5.1	4.2	4.8	4.0	3.5	3.7
10	8.6	8.4	8.5	9.4	8.7	8.9	4.8	4.4	4.6	4.5	3.8	4.0
11	9.1	8.6	8.8	9.0	8.6	8.8	5.6	4.8	5.3	4.5	3.9	4.0
12	9.2	8.7	9.0	9.0	8.4	8.7	6.3	5.6	5.9	4.9	3.8	4.2
13	9.4	8.8	9.1	8.9	8.3	8.6	6.3	5.7	6.1	5.0	3.9	4.4
14	9.9	8.7	9.4	8.5	7.9	8.3	6.5	5.9	6.3	5.4	4.1	4.5
15	9.8	8.7	9.3	8.1	7.3	7.8	6.8	6.1	6.4	5.8	4.5	5.1
16	9.9	8.7	9.3	7.5	6.9	7.2	6.6	6.1	6.4	5.7	4.9	5.3
17	10.2	9.4	9.8	7.7	6.9	7.3	6.2	5.8	6.0	5.7	5.2	5.5
18	10.2	9.7	10.0	7.6	7.0	7.3	6.0	5.2	5.6	5.7	5.3	5.5
19	10.0	9.8	9.9	7.4	6.9	7.2	5.5	5.1	5.3	5.7	5.3	5.5
20	10.4	9.7	9.9	7.3	7.0	7.2	5.6	5.1	5.4	5.7	5.2	5.5
21	10.3	9.5	9.9	7.3	6.7	7.0	6.0	5.3	5.7	5.6	5.0	5.3
22	9.7	9.0	9.4	6.8	6.2	6.5	6.1	4.5	5.5	5.3	4.6	5.0
23	9.4	9.0	9.1	7.1	6.3	6.7	5.1	3.5	4.4	5.0	4.0	4.6
24	9.5	9.0	9.2	7.2	6.6	6.9	4.1	3.7	3.9	4.6	3.4	4.0
25	10.0	9.2	9.5	7.2	6.7	6.9	4.0	3.5	3.7	4.2	3.4	3.8
26	10.5	9.6	10.0	7.1	6.6	6.9	3.8	3.0	3.6	4.1	3.3	3.7
27	10.4	9.5	9.8	6.9	6.5	6.7	3.6	3.1	3.3	3.8	3.3	3.6
28	10.5	9.2	9.8	6.8	6.3	6.7	3.4	3.0	3.2	4.1	3.3	3.8
29	---	---	---	6.6	5.8	6.3	3.4	2.6	3.1	4.1	3.7	3.9
30	---	---	---	6.4	5.9	6.1	3.1	2.6	2.9	3.9	3.6	3.8
31	---	---	---	6.1	5.6	5.9	---	---	---	3.8	3.5	3.7
MONTH	10.5	7.8	9.1	9.9	5.6	7.7	6.8	2.6	5.0	5.8	2.4	4.1

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.7	3.2	3.6	5.0	4.4	4.7	4.1	3.0	3.4	4.0	3.1	3.4
2	3.7	3.4	3.5	4.9	4.3	4.5	3.6	3.3	3.4	4.1	3.0	3.3
3	3.8	3.4	3.6	4.6	3.9	4.2	3.5	3.0	3.3	3.7	3.2	3.4
4	3.9	3.4	3.7	4.4	3.8	4.1	3.3	2.9	3.1	4.6	3.6	3.9
5	4.0	3.4	3.7	4.5	3.4	3.9	3.1	2.8	2.9	4.5	3.8	4.0
6	4.3	3.5	3.9	3.9	3.2	3.5	3.3	2.6	2.9	4.2	3.6	3.8
7	4.3	3.7	3.9	3.7	3.3	3.4	3.6	2.6	3.0	4.4	3.4	3.8
8	4.2	3.7	3.9	3.7	3.3	3.4	3.8	2.8	3.2	4.2	3.4	3.8
9	4.3	3.9	4.1	4.2	3.4	3.6	4.3	3.2	3.7	4.2	2.9	3.4
10	4.1	3.8	4.0	4.3	3.4	3.8	4.0	3.3	3.7	4.2	2.9	3.3
11	4.3	3.7	3.9	4.3	3.4	3.8	4.0	3.4	3.6	3.8	2.8	3.2
12	4.6	3.8	4.0	4.6	3.4	3.9	4.1	3.5	3.6	3.8	2.9	3.2
13	4.3	3.6	3.8	4.5	3.8	4.1	4.1	3.5	3.6	3.9	3.0	3.4
14	4.4	2.9	3.8	4.5	3.6	4.1	4.3	3.4	3.8	3.9	3.1	3.4
15	4.7	3.4	3.8	4.5	3.9	4.2	4.2	3.6	3.8	3.8	3.0	3.2
16	4.9	3.6	4.1	4.4	3.8	4.1	4.2	3.4	3.7	4.3	3.0	3.6
17	4.7	3.9	4.4	4.3	3.6	3.9	4.0	3.3	3.6	4.0	3.5	3.8
18	4.8	3.9	4.1	4.3	3.5	3.9	4.1	3.5	3.8	4.2	3.4	3.7
19	4.8	3.7	4.0	4.3	3.8	4.0	4.9	3.8	4.2	4.6	3.4	3.8
20	4.7	3.6	3.9	4.4	3.8	4.1	5.0	3.8	4.3	4.3	3.4	3.7
21	4.7	3.5	3.8	4.6	3.8	4.2	4.5	3.4	4.0	6.5	3.5	4.3
22	4.9	3.6	3.8	4.6	3.6	4.1	4.4	3.4	3.8	6.4	3.6	5.4
23	4.5	3.4	3.8	4.2	3.4	3.8	4.3	3.3	3.6	3.2	2.2	2.6
24	4.6	3.4	3.7	3.9	3.2	3.6	4.1	3.0	3.5	3.2	2.2	2.6
25	4.9	3.5	3.9	4.3	3.3	3.8	4.0	3.2	3.5	3.8	2.4	3.3
26	5.0	3.6	4.0	4.1	3.3	3.7	4.2	3.4	3.7	3.3	1.5	2.3
27	5.0	3.6	4.0	4.0	3.1	3.5	4.2	3.6	3.8	1.6	1.2	1.3
28	4.8	3.6	4.1	3.7	3.1	3.3	4.2	3.3	3.6	2.5	1.1	1.4
29	4.7	3.6	4.1	3.6	3.1	3.4	4.1	3.3	3.5	1.4	.8	1.0
30	5.0	4.1	4.6	3.7	3.3	3.5	3.9	3.1	3.4	1.3	.8	1.0
31	---	---	---	3.7	3.2	3.4	3.7	3.1	3.3	---	---	---
MONTH	5.0	2.9	3.9	5.0	3.1	3.9	5.0	2.6	3.6	6.5	.8	3.2
YEAR	10.9	.8	5.9									

NOTE.-- Dissolved oxygen concentrations are not corrected for salinity.

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC

LOCATION.--Lat 33°33'43'', long 79°05'10'', Georgetown County, Hydrologic Unit 03040206, near left bank at Wachesaw Landing, 0.2 mi downstream of Collins Creek, 3.0 mi west of Murrells Inlet and mile 18.0.

PERIOD OF RECORD.--March 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1986 to current year.
pH: March 1986 to current year.
WATER TEMPERATURE: March 1986 to current year.
DISSOLVED OXYGEN: March 1986 to current year.

INSTRUMENTATION.-- Water-quality monitor since March 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, greater than 10,000 microsiemens, Sept. 22, 1989; minimum, 40 microsiemens, several days in Mar. 1987.
pH: Maximum, 7.6 units, Aug. 24, Oct. 13, 14, 1987; minimum, 5.1 units, several days in July 1986.
WATER TEMPERATURE: Maximum, 31.5°C, July 20, 21, 1986; minimum, 3.5°C, Jan. 16, 17, 1988.
DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Feb. 16, 1989; minimum, 1.8 mg/L, Sept. 30, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, greater than 10,000 microsiemens, Sept. 22; minimum, 70 microsiemens, May 18.
pH: Maximum, 7.5 units, Dec. 7; minimum, 5.5 units, Aug. 18.
WATER TEMPERATURE: Maximum, 31.0°C, July 11, 12, 13; minimum, 6.0°C, Dec. 18, 19, 20, 21.
DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Feb. 16; minimum, 1.8 mg/L, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	130	90	105	130	120	120	134	123	124	160	150	152
2	130	90	102	130	110	121	134	124	130	160	140	150
3	130	90	105	130	110	122	134	124	126	150	140	145
4	130	90	101	130	120	122	134	124	129	150	140	144
5	100	90	96	140	120	126	135	124	129	150	140	146
6	101	91	94	130	110	115	145	125	132	150	140	147
7	121	91	97	120	100	107	135	125	128	150	130	141
8	111	91	100	110	100	107	135	116	126	140	120	131
9	102	82	92	110	100	107	136	116	126	140	130	135
10	92	82	89	110	100	107	128	117	125	140	130	136
11	93	82	89	110	100	107	128	118	127	140	130	131
12	93	83	89	110	100	109	139	128	130	140	130	131
13	93	83	87	110	100	107	140	129	133	130	120	128
14	94	84	91	110	100	107	141	130	133	130	120	129
15	104	84	94	110	100	107	141	131	134	130	120	125
16	95	84	93	110	100	110	142	132	134	130	120	124
17	105	85	97	110	100	109	143	132	138	130	120	124
18	105	95	98	120	110	116	144	133	142	130	120	124
19	106	95	100	130	110	120	145	134	142	130	120	128
20	106	96	100	121	111	119	145	135	139	130	120	127
21	106	96	103	131	111	123	150	140	142	130	120	127
22	107	97	99	131	121	125	150	140	145	130	120	123
23	107	97	102	131	121	123	150	140	147	130	120	125
24	118	97	110	132	112	122	150	140	148	130	120	124
25	118	108	115	132	112	122	150	140	146	130	110	121
26	118	108	113	132	112	120	150	140	148	120	110	119
27	119	98	109	122	113	122	150	140	149	120	110	119
28	119	99	110	123	113	121	150	140	149	130	110	121
29	109	99	109	123	113	119	160	140	149	130	120	123
30	120	109	111	123	113	120	160	150	151	130	120	123
31	120	110	116	---	---	---	160	150	152	130	120	122
MONTH	130	82	101	140	100	116	160	116	137	160	110	130

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	130	120	122	120	110	111	100	80	91	90	80	89
2	130	120	123	120	110	111	100	80	89	90	80	88
3	130	119	123	120	110	111	90	80	87	100	80	88
4	129	118	125	120	100	110	90	80	81	90	80	90
5	137	125	128	120	100	108	90	80	83	100	90	91
6	135	123	127	110	100	105	90	80	82	90	80	87
7	133	121	124	110	100	105	90	80	83	90	80	86
8	130	120	122	110	100	104	90	80	86	90	80	84
9	132	121	123	110	100	101	90	80	87	90	80	85
10	133	122	124	110	100	101	90	80	86	90	80	86
11	135	124	128	100	90	96	100	80	90	90	80	86
12	146	125	132	100	90	96	100	80	90	90	80	86
13	138	127	135	100	90	95	100	90	92	90	80	86
14	139	128	133	100	90	94	100	90	92	90	80	85
15	140	129	135	100	90	94	100	90	91	90	80	85
16	140	130	136	100	90	95	100	80	91	90	80	82
17	140	130	135	100	90	93	100	80	89	90	80	82
18	140	130	137	100	90	95	90	80	89	90	70	81
19	140	130	138	100	90	95	90	80	88	90	80	80
20	150	130	138	100	90	94	90	80	87	90	80	83
21	140	130	137	100	90	97	90	80	84	90	80	84
22	140	130	136	100	90	99	90	80	86	90	80	85
23	140	130	134	110	100	101	90	80	84	90	80	88
24	140	130	137	110	90	101	90	80	82	100	80	90
25	140	130	133	110	100	102	90	80	83	100	80	89
26	140	110	125	120	100	104	90	80	85	100	80	91
27	120	110	113	110	100	102	90	80	85	100	90	93
28	120	110	112	110	90	101	90	80	85	100	90	94
29	---	---	---	100	90	96	90	80	85	100	90	94
30	---	---	---	100	90	94	90	80	87	100	90	96
31	---	---	---	100	90	91	---	---	---	100	90	95
MONTH	150	110	129	120	90	100	100	80	87	100	70	87
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	90	96	110	90	100	100	90	92	110	100	102
2	100	90	97	110	100	103	100	80	90	110	90	100
3	99	99	99	110	100	104	100	80	88	100	90	98
4	109	98	103	110	100	103	90	80	88	110	90	100
5	118	98	111	110	100	102	100	80	89	110	100	103
6	117	107	115	110	100	102	---	---	---	110	90	100
7	116	106	112	110	90	101	---	---	---	110	90	100
8	125	95	109	110	90	101	---	---	---	100	90	98
9	125	104	107	110	90	104	100	100	100	110	90	98
10	124	104	111	110	100	102	110	90	100	110	90	96
11	123	103	113	110	100	103	110	90	98	100	90	99
12	122	102	113	110	100	102	100	90	94	100	90	99
13	122	101	107	110	100	102	100	90	96	110	100	101
14	121	100	105	110	90	101	100	90	96	110	100	105
15	110	90	98	110	100	101	100	90	97	110	100	106
16	101	91	99	110	100	102	100	90	97	110	100	104
17	102	92	99	110	100	104	110	90	99	110	100	104
18	113	93	100	110	100	104	110	100	101	120	100	110
19	104	93	98	110	100	102	110	100	104	120	110	111
20	105	94	98	110	90	101	120	90	104	120	110	115
21	106	95	101	110	90	101	120	90	100	120	110	115
22	107	96	99	100	90	96	130	90	103	10000	110	2220
23	107	97	98	100	80	91	100	90	100	230	100	151
24	108	88	98	100	90	94	110	90	98	230	100	132
25	110	89	98	100	90	97	110	90	99	210	100	132
26	110	90	102	100	80	92	110	90	104	180	100	119
27	110	90	101	100	80	87	110	100	103	180	100	117
28	110	100	100	90	80	86	110	100	106	130	100	117
29	110	100	102	100	80	89	110	100	109	130	100	116
30	110	100	102	100	90	93	110	100	107	130	110	117
31	---	---	---	100	90	94	110	100	102	---	---	---
MONTH	125	88	103	110	80	99	130	80	99	10000	90	179
YEAR	10000	70	114									

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.9	6.7	6.9	6.7	7.3	7.1	6.8	6.7	6.9	6.8	6.8	6.8
2	6.9	6.7	6.9	6.7	7.3	7.0	6.7	6.6	7.0	6.9	6.8	6.7
3	7.0	6.8	6.9	6.7	7.3	7.2	6.6	6.6	7.0	6.8	6.8	6.7
4	7.1	6.9	6.9	6.7	7.3	7.1	6.6	6.5	6.9	6.8	6.7	6.6
5	7.1	7.0	6.9	6.7	7.4	7.2	6.5	6.5	7.0	6.9	6.7	6.5
6	7.1	7.0	6.8	6.5	7.4	7.3	6.5	6.5	7.0	6.9	6.6	6.5
7	7.0	7.0	6.7	6.5	7.5	7.1	6.6	6.5	7.0	6.9	6.6	6.5
8	7.1	7.0	6.6	6.4	7.4	7.2	6.5	6.5	6.9	6.6	6.5	6.4
9	7.0	6.9	6.6	6.4	7.4	7.2	6.5	6.5	6.9	6.5	6.5	6.5
10	6.9	6.8	6.6	6.4	7.4	7.1	6.5	6.4	6.8	6.0	6.5	6.4
11	6.8	6.7	6.6	6.4	7.4	7.1	6.4	6.4	6.2	6.0	6.5	6.3
12	6.8	6.6	6.7	6.5	7.4	7.1	6.4	6.4	6.2	6.1	6.5	6.3
13	6.7	6.6	6.7	6.5	7.3	6.9	6.4	6.3	6.2	6.1	6.5	6.4
14	6.6	6.6	6.7	6.6	7.3	7.1	6.4	6.3	6.4	6.2	6.5	6.4
15	6.6	6.5	6.8	6.7	7.3	7.0	6.4	6.4	6.7	6.3	6.5	6.4
16	6.6	6.5	6.8	6.7	7.3	7.2	6.4	6.4	6.8	6.6	6.5	6.4
17	6.6	6.5	6.8	6.7	7.2	7.0	6.6	6.3	6.9	6.8	6.5	6.4
18	6.7	6.6	7.0	6.7	7.3	6.9	6.4	6.3	6.9	6.8	6.5	6.4
19	6.7	6.6	7.0	6.9	7.3	7.1	6.4	6.3	6.9	6.8	6.5	6.4
20	6.7	6.5	7.1	6.8	7.3	7.0	6.4	6.4	6.9	6.8	6.5	6.4
21	6.6	6.5	7.1	7.0	7.0	7.0	6.5	6.4	7.0	6.9	6.5	6.4
22	6.6	6.4	7.1	7.0	7.0	7.0	6.4	6.3	7.0	6.9	6.5	6.4
23	6.6	6.4	7.1	7.0	7.0	7.0	6.5	6.4	6.9	6.8	6.5	6.4
24	6.6	6.5	7.1	7.0	7.1	7.0	6.5	6.4	6.9	6.8	6.5	6.4
25	6.7	6.5	7.1	6.9	7.1	7.1	6.5	6.4	7.0	6.8	6.5	6.4
26	6.7	6.5	7.1	6.9	7.1	7.1	6.5	6.4	6.9	6.8	6.6	6.4
27	6.7	6.6	7.1	6.9	7.2	7.1	6.6	6.5	7.0	6.9	6.5	6.4
28	6.8	6.6	7.2	7.1	7.2	7.1	6.6	6.5	6.9	6.8	6.5	6.4
29	6.9	6.6	7.2	7.0	7.1	7.0	6.7	6.6	---	---	6.5	6.3
30	6.9	6.8	7.2	7.0	7.0	6.8	6.7	6.7	---	---	6.5	6.3
31	6.9	6.8	---	---	6.9	6.8	6.8	6.7	---	---	---	---
MONTH	7.1	6.4	7.2	6.4	7.5	6.8	6.8	6.3	7.0	6.0	6.8	6.3
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	6.6	6.5	6.6	6.5	---	---	6.7	6.5	6.9	6.7
2	---	---	6.6	6.4	6.6	6.5	---	---	6.7	6.5	7.0	6.7
3	---	---	6.5	6.4	6.7	6.6	---	---	6.7	6.5	7.0	6.8
4	---	---	6.6	6.5	6.8	6.7	---	---	6.7	6.5	7.1	6.9
5	6.6	6.5	6.6	6.5	6.9	6.7	---	---	6.6	6.5	7.1	6.9
6	6.6	6.5	6.7	6.5	7.0	6.8	---	---	---	---	7.1	6.9
7	6.7	6.5	6.6	6.5	7.0	6.9	---	---	---	---	7.0	6.8
8	6.7	6.3	6.7	6.6	7.0	6.8	---	---	---	---	6.9	6.8
9	6.5	6.4	6.7	6.6	7.1	6.9	---	---	6.9	6.7	7.0	6.8
10	6.6	6.4	6.7	6.5	7.2	7.0	---	---	6.8	6.7	7.0	6.9
11	6.7	6.4	6.7	6.6	7.2	7.1	---	---	6.8	6.7	6.9	6.8
12	6.7	6.4	6.7	6.6	7.3	7.0	---	---	6.8	6.7	6.9	6.8
13	6.6	6.4	6.7	6.6	7.2	7.0	---	---	6.7	6.6	6.9	6.8
14	6.6	6.4	6.7	6.6	7.3	6.6	---	---	6.7	6.5	6.9	6.8
15	6.6	6.5	6.7	6.6	7.0	6.6	6.9	6.8	6.6	6.1	6.9	6.7
16	6.7	6.4	6.7	6.6	6.9	6.7	6.9	6.8	6.3	5.8	6.8	6.6
17	6.6	6.5	6.7	6.6	6.9	6.7	6.9	6.8	6.1	5.8	6.8	6.7
18	6.7	6.5	6.7	6.6	6.8	6.7	6.9	6.8	6.5	5.5	7.0	6.7
19	6.7	6.6	6.7	6.6	6.8	6.7	6.9	6.8	6.6	6.1	7.0	6.7
20	6.7	6.6	6.7	6.6	6.8	6.7	7.0	6.8	6.7	6.3	7.0	6.8
21	6.7	6.6	6.7	6.6	6.8	6.7	7.0	6.8	6.8	6.5	7.0	6.8
22	6.7	6.5	6.7	6.6	6.7	6.5	7.0	6.8	6.7	6.5	7.2	6.8
23	6.6	6.4	6.6	6.6	6.7	6.6	6.9	6.8	6.9	6.5	6.9	6.7
24	6.6	6.4	6.6	6.6	6.7	6.6	6.8	6.7	6.8	6.5	6.8	6.7
25	6.5	6.4	6.6	6.5	6.7	6.6	6.8	6.7	6.8	6.5	6.8	6.7
26	6.6	6.4	6.6	6.5	6.7	6.6	6.8	6.7	6.7	6.3	6.8	6.6
27	6.6	6.5	6.7	6.6	---	---	6.7	6.6	6.8	6.3	6.8	6.6
28	6.6	6.5	6.7	6.6	---	---	6.7	6.6	6.7	6.2	6.7	6.5
29	6.6	6.5	6.6	6.5	---	---	6.7	6.6	6.9	6.6	6.6	6.5
30	6.6	6.5	6.6	6.5	---	---	6.7	6.6	7.0	6.7	6.7	6.6
31	---	---	6.6	6.5	---	---	6.7	6.6	7.0	6.8	---	---
MONTH	6.7	6.3	6.7	6.4	7.3	6.5	7.0	6.6	7.0	5.5	7.2	6.5
YEAR	7.5	5.5										

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.5	26.0	28.0	27.5	28.0	28.5	28.0	28.5	29.0	28.5	28.5
2	27.0	26.0	26.5	27.5	27.0	27.5	28.0	27.5	28.0	29.0	28.0	28.5
3	27.5	26.5	27.0	27.5	27.0	27.5	28.5	27.5	28.0	28.5	27.5	28.0
4	28.0	27.0	27.5	27.5	27.0	27.5	28.0	27.0	28.0	27.5	26.5	27.0
5	28.5	27.5	28.0	28.0	27.0	27.5	29.0	27.5	28.5	26.5	26.0	26.0
6	28.0	27.5	28.0	28.0	27.5	27.5	---	---	---	26.5	25.5	26.0
7	27.5	27.0	27.5	28.5	27.5	28.0	---	---	---	26.0	25.5	26.0
8	27.5	27.0	27.0	29.5	28.5	29.0	---	---	---	25.5	25.0	25.5
9	27.0	26.0	26.5	30.0	29.0	29.5	28.0	26.5	27.5	25.5	25.0	25.0
10	27.0	26.0	26.5	30.5	29.5	30.0	26.5	25.5	26.0	25.5	24.5	25.0
11	27.5	26.5	27.0	31.0	30.0	30.5	25.0	24.0	25.0	25.0	24.5	25.0
12	27.5	27.0	27.5	31.0	30.5	31.0	24.5	24.0	24.0	25.5	25.0	25.5
13	27.5	27.0	27.5	31.0	30.0	30.5	24.5	24.0	24.5	26.0	25.5	25.5
14	28.0	27.0	27.5	30.0	29.0	29.5	24.5	24.5	24.5	26.0	25.5	26.0
15	28.5	28.0	28.5	29.0	28.5	29.0	25.0	24.5	24.5	26.5	25.5	26.0
16	28.5	28.0	28.5	28.5	28.5	28.5	25.5	24.5	25.0	26.5	26.0	26.0
17	28.5	28.0	28.0	28.5	28.0	28.5	26.0	25.0	25.5	26.0	25.5	26.0
18	28.5	27.5	28.0	28.0	28.0	28.0	26.5	25.5	26.0	26.0	26.0	26.0
19	28.0	27.5	28.0	28.5	27.5	28.0	27.0	26.0	26.5	26.0	25.5	26.0
20	28.0	27.5	27.5	28.5	28.0	28.0	27.0	26.5	27.0	25.5	25.0	25.0
21	27.5	27.0	27.5	28.5	27.5	28.0	27.5	26.5	27.0	25.5	25.0	25.0
22	28.0	27.0	27.5	28.0	27.5	28.0	28.0	27.0	27.5	25.5	25.0	25.0
23	28.0	27.5	27.5	28.0	27.0	27.5	28.5	27.5	28.0	25.0	25.0	25.0
24	28.0	27.0	27.5	28.5	27.5	27.5	28.5	28.0	28.5	24.5	23.0	24.0
25	28.5	27.5	28.0	28.5	27.5	28.0	29.0	28.5	28.5	23.5	22.5	23.0
26	28.5	27.5	28.0	28.5	27.5	28.0	29.0	28.5	28.5	23.0	21.5	22.5
27	28.5	27.5	28.0	28.0	27.5	28.0	29.0	28.5	28.5	22.5	22.5	22.5
28	28.5	28.0	28.0	28.5	27.5	28.0	29.0	28.5	28.5	22.5	22.0	22.0
29	28.0	28.0	28.0	29.0	28.0	28.5	28.5	28.5	28.5	22.5	21.5	22.0
30	28.0	27.5	28.0	28.5	28.5	28.5	29.0	28.5	28.5	22.0	21.5	21.5
31	---	---	---	28.5	28.0	28.0	29.0	28.5	28.5	---	---	---
MONTH	28.5	25.5	27.5	31.0	27.0	28.5	29.0	24.0	27.0	29.0	21.5	25.0
YEAR	31.0	6.0	18.5									

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.0	4.5	4.8	6.6	6.2	6.4	7.9	7.5	7.7	9.1	8.8	8.9
2	5.3	4.8	5.0	6.6	6.2	6.5	8.5	7.9	8.3	9.2	8.8	9.1
3	5.3	4.7	5.0	6.7	6.3	6.5	8.9	8.4	8.7	9.9	9.1	9.6
4	5.4	4.9	5.2	6.7	6.4	6.5	9.5	8.8	9.1	10.1	9.5	9.8
5	5.4	4.9	5.3	7.0	6.4	6.7	9.6	9.3	9.5	10.1	9.8	10.0
6	5.4	5.0	5.2	7.0	6.6	6.9	9.7	9.5	9.6	10.2	9.9	10.1
7	5.8	5.1	5.5	6.9	6.6	6.8	9.8	9.5	9.7	10.5	9.9	10.2
8	6.3	5.6	6.1	6.7	6.4	6.6	9.6	9.4	9.5	10.7	10.2	10.4
9	6.5	6.0	6.3	6.5	6.3	6.5	9.8	9.4	9.6	10.5	10.0	10.3
10	6.3	6.0	6.2	6.5	5.9	6.3	10.3	9.7	9.9	10.3	9.6	10.0
11	6.2	5.8	6.1	6.2	6.0	6.1	10.2	10.0	10.1	10.0	9.6	9.8
12	6.0	5.8	5.9	6.4	5.9	6.2	10.4	10.1	10.2	10.0	9.6	9.8
13	6.3	5.9	6.1	6.4	6.1	6.2	10.6	10.2	10.4	9.9	9.4	9.7
14	6.4	6.1	6.2	6.6	6.2	6.4	10.6	10.4	10.5	10.1	9.7	9.9
15	6.6	6.3	6.4	6.8	6.4	6.6	10.6	10.4	10.5	10.1	9.6	9.9
16	6.9	6.4	6.6	6.8	6.3	6.6	10.8	10.6	10.7	10.1	9.5	10.0
17	7.1	6.6	6.9	6.8	6.3	6.6	11.2	10.8	11.0	10.3	9.9	10.2
18	7.3	6.8	7.0	6.6	6.2	6.4	11.5	11.0	11.3	10.1	9.9	10.0
19	7.2	6.8	7.0	6.5	6.1	6.3	11.6	11.4	11.5	10.1	9.9	10.0
20	7.2	6.7	7.0	6.6	6.1	6.4	11.6	11.1	11.4	10.1	9.9	10.0
21	7.0	6.3	6.7	7.1	6.4	6.8	11.3	11.1	11.2	10.1	9.8	10.0
22	6.4	5.9	6.1	7.2	6.8	7.1	11.3	10.8	11.1	10.2	10.0	10.1
23	6.1	5.7	5.9	7.3	6.9	7.2	10.9	10.6	10.8	10.1	9.8	10.0
24	6.2	5.7	6.0	7.4	7.1	7.3	10.8	10.4	10.6	10.0	9.6	9.9
25	6.5	5.9	6.3	7.5	7.2	7.4	10.6	10.1	10.4	9.6	9.1	9.3
26	6.7	6.1	6.4	7.7	7.3	7.5	10.4	9.9	10.2	9.7	9.0	9.2
27	6.6	6.1	6.3	7.7	7.4	7.6	10.3	9.7	10.0	10.1	9.6	9.8
28	6.5	5.9	6.2	7.9	7.5	7.7	9.9	9.2	9.6	10.3	10.1	10.2
29	6.5	5.9	6.2	7.9	7.6	7.8	9.6	9.1	9.4	10.3	9.9	10.2
30	6.5	6.1	6.2	7.9	7.4	7.8	9.5	9.0	9.2	10.2	9.9	10.1
31	6.6	6.2	6.3	---	---	---	9.2	8.6	9.0	10.2	9.9	10.0
MONTH	7.3	4.5	6.1	7.9	5.9	6.8	11.6	7.5	10.0	10.7	8.8	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.2	9.7	10.0	9.7	9.4	9.5	5.7	5.3	5.6	3.9	3.6	3.8
2	10.0	9.5	9.7	9.4	9.1	9.3	5.7	4.9	5.5	3.8	3.3	3.6
3	---	---	---	9.2	8.9	9.1	5.9	5.5	5.7	3.5	3.3	3.4
4	---	---	---	9.0	8.7	8.9	5.9	5.6	5.7	3.9	3.1	3.5
5	---	---	---	8.8	8.6	8.7	5.6	5.3	5.5	4.9	3.7	4.2
6	---	---	---	8.6	8.3	8.4	5.5	5.2	5.3	4.8	4.1	4.6
7	---	---	---	8.2	7.5	7.8	5.6	5.2	5.4	4.6	4.1	4.4
8	---	---	---	8.0	7.6	7.8	5.8	5.3	5.5	4.7	4.3	4.5
9	---	---	---	8.3	7.9	8.1	5.7	5.5	5.6	4.6	4.3	4.5
10	---	---	---	8.6	8.2	8.4	6.0	5.5	5.8	4.8	4.4	4.6
11	---	---	---	8.7	8.3	8.5	6.5	5.6	6.2	4.9	4.4	4.6
12	---	---	---	8.8	8.5	8.6	6.8	6.1	6.5	5.0	4.5	4.8
13	---	---	---	8.7	8.4	8.5	6.9	6.2	6.6	5.0	4.6	4.9
14	---	---	---	8.5	8.3	8.4	6.9	6.3	6.6	5.2	4.7	5.1
15	---	---	---	8.5	8.2	8.4	7.0	6.5	6.8	5.3	5.0	5.2
16	12.3	12.0	12.1	8.3	8.0	8.1	6.7	6.3	6.5	5.4	5.2	5.3
17	12.1	11.6	11.9	8.1	7.6	7.9	6.6	6.3	6.4	5.4	5.1	5.3
18	11.9	11.0	11.4	7.8	7.6	7.7	6.5	6.1	6.3	5.3	5.1	5.2
19	11.0	10.6	10.9	7.5	6.9	7.3	6.2	5.7	6.0	5.2	4.8	5.1
20	10.8	10.6	10.7	7.3	6.3	7.0	6.0	5.6	5.8	5.2	4.5	5.0
21	11.0	10.6	10.7	7.0	6.4	6.7	6.0	5.7	5.9	5.0	4.6	4.9
22	10.7	10.4	10.6	6.7	6.1	6.3	5.9	5.6	5.7	4.9	4.5	4.7
23	10.6	10.3	10.5	6.7	5.9	6.4	5.6	5.1	5.4	4.7	3.8	4.5
24	10.7	10.3	10.4	7.2	6.5	6.8	5.5	4.8	5.2	4.4	3.8	4.2
25	10.8	10.4	10.6	7.3	6.7	7.1	5.3	4.5	4.9	4.1	3.5	3.9
26	10.9	10.4	10.6	7.4	6.9	7.2	5.1	4.2	4.7	3.8	3.5	3.7
27	10.4	9.9	10.2	7.5	6.8	7.3	4.8	4.3	4.6	3.9	3.4	3.7
28	10.0	9.6	9.9	7.5	7.0	7.3	4.6	4.0	4.4	3.8	3.5	3.7
29	---	---	---	7.3	6.4	7.0	4.5	3.9	4.2	3.7	3.4	3.6
30	---	---	---	6.8	6.2	6.6	4.2	3.6	4.0	3.6	3.4	3.5
31	---	---	---	6.1	5.5	5.9	---	---	---	3.6	3.3	3.5
MONTH	12.3	9.5	10.7	9.7	5.5	7.8	7.0	3.6	5.6	5.4	3.1	4.4

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.6	3.3	3.5	4.6	4.3	4.4	4.4	4.0	4.2	4.3	3.8	4.0
2	3.7	3.5	3.6	4.5	4.2	4.4	4.3	4.0	4.2	4.4	4.1	4.3
3	3.9	3.5	3.7	4.3	4.1	4.2	4.2	3.8	4.0	4.5	4.3	4.4
4	4.1	3.7	3.9	4.3	4.1	4.2	4.0	3.8	3.8	4.7	4.3	4.5
5	4.4	3.8	4.2	4.4	4.0	4.2	4.2	3.8	4.1	4.7	4.4	4.5
6	4.6	4.2	4.4	4.5	4.2	4.4	---	---	---	4.5	4.2	4.3
7	4.6	4.2	4.4	4.8	4.4	4.6	---	---	---	4.3	4.0	4.2
8	4.5	4.1	4.3	5.1	4.7	4.9	---	---	---	4.5	4.1	4.3
9	4.7	4.3	4.5	5.3	4.9	5.1	4.2	4.0	4.0	4.7	4.3	4.5
10	4.9	4.4	4.6	5.3	4.9	5.1	4.2	4.0	4.1	4.7	4.3	4.5
11	4.8	4.4	4.6	5.2	4.9	5.1	4.0	3.8	3.9	4.6	4.3	4.4
12	4.9	4.4	4.7	5.2	4.9	5.0	3.9	3.8	3.8	4.4	3.8	4.1
13	5.2	4.7	4.9	5.4	4.9	5.1	4.1	3.8	4.0	4.3	3.8	4.0
14	5.0	4.4	4.8	5.2	5.0	5.1	4.4	4.0	4.2	4.2	3.9	4.0
15	5.1	4.5	4.9	5.2	4.6	5.0	4.4	4.0	4.2	4.0	3.7	3.8
16	5.4	4.7	5.1	5.2	4.8	5.0	4.3	4.0	4.2	4.1	3.5	3.7
17	5.5	4.8	5.3	5.2	4.9	5.0	4.3	4.0	4.1	4.2	3.8	4.0
18	5.4	4.9	5.2	5.0	4.8	4.8	4.1	3.8	4.0	4.3	3.6	4.0
19	5.3	4.8	5.2	5.1	4.6	4.9	4.4	4.0	4.1	4.4	3.8	4.2
20	5.4	5.0	5.2	5.3	4.6	5.1	4.4	4.1	4.2	4.7	4.3	4.4
21	5.4	5.1	5.3	5.6	5.0	5.3	4.4	4.1	4.2	5.1	4.1	4.6
22	5.4	5.1	5.3	5.5	5.2	5.4	4.3	4.0	4.2	5.7	3.1	4.6
23	5.4	5.1	5.3	5.4	5.2	5.3	4.3	4.0	4.2	3.5	2.5	3.1
24	5.5	5.2	5.3	5.2	4.8	5.0	4.1	3.8	4.0	3.2	2.0	2.6
25	5.6	5.2	5.4	5.1	4.9	5.0	4.0	3.6	3.8	3.4	2.1	2.8
26	5.6	5.0	5.3	5.0	4.8	4.9	4.0	3.7	3.8	3.3	2.2	2.8
27	5.2	4.8	5.1	5.0	4.6	4.8	4.1	3.7	3.9	2.9	2.2	2.6
28	4.9	4.6	4.7	4.6	4.6	4.6	4.1	3.8	4.0	3.1	2.3	2.8
29	4.7	4.4	4.5	4.5	4.2	4.4	4.1	3.8	4.0	3.0	2.2	2.6
30	4.6	4.4	4.5	4.4	4.0	4.3	4.0	3.8	3.9	2.7	1.8	2.3
31	---	---	---	4.4	4.1	4.2	4.1	3.8	3.9	---	---	---
MONTH	5.6	3.3	4.7	5.6	4.0	4.8	4.4	3.6	4.0	5.7	1.8	3.8
YEAR	12.3	1.8	6.4									

NOTE.--Dissolved oxygen concentration are not corrected for salinity.

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC

LOCATION.--Lat 33°30'59'', long 79°07'38'', Georgetown County, Hydrologic Unit 03040206, on right bank, 0.3 mi upstream of Brookgreen Creek, 5.5 mi southeast of Murrells Inlet and at mile 14.0.

PERIOD OF RECORD.--May 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1986 to current year.
pH: May 1986 to current year.
WATER TEMPERATURE: May 1986 to current year.
DISSOLVED OXYGEN: May 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since May 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 6100 microsiemens, Oct. 16, 1987; minimum, 50 microsiemens, many days in 1987.
pH: Maximum, 7.5 units, Nov. 20, 1986, July 21, 1988; minimum, 4.8 units, Apr. 22, 23, 26-28, 1988.
WATER TEMPERATURE: Maximum, 32.1°C, July 21, 1986; minimum, 2.5 units, Jan. 12-17, 1988.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Feb 24, 1987; minimum, 2.8 mg/L, Sept. 26, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 150 microsiemens, Jan. 1; minimum, 64 microsiemens, Oct. 14.
pH: Maximum, 7.4 units, Nov. 23, 25, 26, Dec. 7; minimum, 6.0 units, Mar. 8.
WATER TEMPERATURE: Maximum, 30.5°C, July 12 - 14; minimum 6.0°C, Dec. 18 - 21.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Dec. 20, 22, 23; minimum, 3.0 mg/L, May 3.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	110	100	105	137	117	124	---	---	---	150	130	139
2	120	100	106	136	116	129	---	---	---	140	130	134
3	120	100	108	136	116	130	---	---	---	140	120	131
4	120	100	111	135	125	129	---	---	---	130	120	125
5	120	100	109	145	125	135	---	---	---	130	110	125
6	110	90	101	144	104	131	---	---	---	140	120	130
7	101	80	90	124	104	111	140	100	122	140	120	129
8	101	81	91	123	93	107	131	111	122	130	110	123
9	102	81	93	123	103	107	132	112	120	120	110	116
10	102	72	87	132	102	116	124	103	117	130	110	117
11	93	72	81	122	102	115	125	114	117	120	110	117
12	83	73	80	112	101	106	126	115	117	120	110	116
13	84	73	78	121	101	108	128	116	119	120	110	114
14	84	64	78	111	100	105	138	118	125	120	100	109
15	95	74	84	110	90	105	140	119	129	120	110	112
16	95	75	87	120	100	109	131	120	128	120	110	111
17	96	86	92	120	110	114	142	121	128	110	100	108
18	116	86	98	120	100	109	143	122	129	120	110	112
19	107	97	101	120	100	109	145	133	138	120	110	117
20	108	87	101	---	---	---	135	120	130	120	110	115
21	108	98	104	---	---	---	130	120	127	120	110	114
22	118	98	103	120	100	110	130	120	127	120	110	114
23	119	89	102	120	100	110	140	120	127	120	110	115
24	120	99	109	110	100	106	140	130	132	120	110	113
25	130	100	116	---	---	---	140	130	138	120	110	112
26	130	110	121	---	---	---	140	120	132	120	100	110
27	139	119	121	---	---	---	140	120	133	110	110	110
28	129	108	119	---	---	---	140	130	135	110	100	109
29	128	108	115	---	---	---	140	130	133	120	100	110
30	118	108	115	---	---	---	140	130	134	120	110	114
31	127	107	114	---	---	---	140	130	135	120	110	114
MONTH	139	64	101	145	90	115	145	100	128	150	100	117

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	120	110	112	100	90	98	95	84	87	90	80	84
2	120	110	115	100	90	96	92	82	83	90	80	85
3	120	110	112	100	90	97	82	71	79	90	80	86
4	120	110	114	100	90	94	81	70	79	90	80	84
5	120	110	117	100	90	93	---	---	---	90	80	88
6	130	110	121	110	90	99	---	---	---	90	80	87
7	130	120	124	100	90	97	---	---	---	90	80	84
8	130	120	121	100	90	92	---	---	---	90	80	81
9	130	110	120	100	90	91	---	---	---	90	80	81
10	130	110	120	100	90	91	---	---	---	90	80	80
11	130	110	121	90	80	89	---	---	---	90	80	81
12	130	120	124	90	80	88	---	---	---	90	80	83
13	130	120	125	90	80	89	---	---	---	90	80	82
14	130	120	126	90	80	88	---	---	---	90	80	82
15	130	120	126	90	80	89	---	---	---	90	70	80
16	130	120	127	90	80	89	---	---	---	80	70	79
17	130	120	123	90	80	88	---	---	---	80	70	79
18	130	120	124	91	81	88	---	---	---	80	70	78
19	130	120	124	92	82	91	---	---	---	80	70	78
20	130	120	124	93	83	92	---	---	---	80	70	79
21	130	120	126	94	93	94	80	80	80	80	80	80
22	130	120	125	105	94	97	80	70	76	90	80	82
23	130	120	125	106	95	98	80	70	79	90	80	82
24	130	120	122	107	96	97	80	70	79	90	80	86
25	130	120	121	108	97	101	80	70	80	90	80	86
26	130	100	118	109	98	103	80	80	80	90	80	89
27	110	100	102	110	99	103	90	80	80	100	90	90
28	110	90	100	110	99	103	90	80	82	100	90	90
29	---	---	---	109	88	98	90	80	82	100	90	92
30	---	---	---	98	86	95	90	80	82	100	90	92
31	---	---	---	96	85	92	---	---	---	100	90	94
MONTH	130	90	120	110	80	94	95	70	81	100	70	84

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	90	96	102	92	94	100	90	95	120	100	109
2	100	90	95	102	92	94	100	90	93	110	100	103
3	110	90	98	102	91	94	100	90	92	110	90	100
4	110	90	100	101	91	93	100	90	90	110	90	100
5	120	90	106	101	91	93	100	80	91	110	100	103
6	120	110	115	101	90	93	100	90	92	110	100	103
7	120	110	116	110	90	94	110	90	92	110	90	101
8	120	110	114	103	91	95	110	90	101	110	100	101
9	120	100	109	105	93	98	120	90	103	100	90	99
10	120	100	107	107	95	100	110	90	101	100	90	98
11	120	110	116	109	98	102	120	90	99	110	90	99
12	120	120	120	110	99	103	120	90	96	100	100	100
13	120	109	115	110	100	103	110	90	98	110	100	101
14	119	109	110	110	100	101	110	90	98	110	100	105
15	119	109	111	110	100	102	110	90	100	110	100	105
16	119	108	110	110	100	103	110	90	97	110	100	107
17	118	108	111	110	100	104	130	90	103	110	100	106
18	118	107	110	110	100	106	110	100	101	110	100	108
19	117	97	108	110	100	104	120	100	106	120	110	112
20	107	97	106	110	100	104	120	100	104	120	110	115
21	107	96	105	110	90	101	120	90	103	---	---	---
22	106	96	103	110	90	98	100	90	99	---	---	---
23	106	95	102	100	90	96	110	100	103	---	---	---
24	105	95	101	110	90	92	120	100	102	---	---	---
25	105	95	98	100	90	99	130	100	104	---	---	---
26	105	94	98	100	90	97	110	100	105	---	---	---
27	104	84	96	100	80	91	120	100	107	---	---	---
28	94	84	92	100	80	90	120	100	108	---	---	---
29	93	93	93	90	80	90	140	110	112	---	---	---
30	103	93	94	100	90	94	120	110	112	---	---	---
31	---	---	---	100	90	97	120	100	110	---	---	---
MONTH	120	84	105	110	80	98	140	80	101	120	90	104
YEAR	150	64	104									

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	25.0	25.0	27.0	27.0	27.0	28.0	27.5	28.0	28.5	28.0	28.0
2	26.0	25.0	25.5	27.0	27.0	27.0	28.0	27.5	27.5	28.5	28.0	28.0
3	26.5	25.5	26.0	27.0	26.5	27.0	28.0	27.5	27.5	28.0	27.5	28.0
4	27.0	26.0	26.5	27.0	26.5	26.5	28.0	27.5	27.5	27.5	27.0	27.5
5	27.5	27.0	27.0	27.0	26.5	27.0	28.0	27.5	28.0	27.0	26.5	26.5
6	27.0	27.0	27.0	27.0	26.5	27.0	28.5	28.0	28.0	26.5	26.5	26.5
7	27.0	26.5	27.0	27.5	27.0	27.0	29.0	28.5	28.5	26.5	26.5	26.5
8	27.0	26.5	26.5	28.0	27.5	28.0	29.0	28.5	28.5	26.5	26.0	26.5
9	26.5	26.0	26.5	29.0	28.0	28.5	28.0	27.0	27.5	26.0	26.0	26.0
10	26.5	26.0	26.0	29.5	29.0	29.0	27.0	26.0	26.5	26.0	26.0	26.0
11	26.5	26.0	26.5	30.0	29.5	29.5	26.0	25.0	25.5	27.0	26.0	26.5
12	27.0	26.5	26.5	30.5	30.0	30.0	25.0	24.5	25.0	27.0	26.0	26.5
13	27.0	26.5	26.5	30.5	30.0	30.5	25.0	24.5	24.5	27.0	26.5	27.0
14	27.0	26.5	27.0	30.5	30.5	30.5	25.0	25.0	25.0	27.0	26.5	27.0
15	27.5	27.0	27.5	30.0	30.0	30.0	25.0	24.5	25.0	27.5	27.0	27.0
16	27.5	27.5	27.5	30.0	29.5	29.5	25.0	25.0	25.0	27.5	27.0	27.5
17	27.5	27.5	27.5	29.5	29.0	29.5	25.5	25.0	25.5	27.5	27.0	27.0
18	27.5	27.0	27.5	29.5	29.0	29.0	26.0	25.5	25.5	27.5	27.0	27.0
19	27.5	27.0	27.5	29.0	28.5	29.0	26.0	26.0	26.0	27.0	26.5	27.0
20	27.5	27.0	27.0	28.5	28.0	28.5	26.5	26.0	26.5	26.5	26.0	26.5
21	27.0	27.0	27.0	28.5	28.0	28.5	27.0	26.5	26.5	---	---	---
22	27.0	26.5	27.0	28.5	28.0	28.0	27.5	26.5	27.0	---	---	---
23	27.0	26.5	27.0	28.0	27.5	28.0	28.0	27.0	27.5	---	---	---
24	27.0	26.5	27.0	27.5	27.0	27.5	28.0	27.5	27.5	---	---	---
25	27.0	27.0	27.0	27.5	27.5	27.5	28.0	27.5	28.0	---	---	---
26	27.5	27.0	27.0	27.5	27.5	27.5	28.0	28.0	28.0	---	---	---
27	27.5	27.0	27.0	27.5	27.0	27.5	28.0	28.0	28.0	---	---	---
28	27.5	27.0	27.0	27.5	27.0	27.5	28.0	28.0	28.0	---	---	---
29	27.5	27.0	27.0	28.0	27.5	28.0	28.0	27.5	28.0	---	---	---
30	27.5	27.0	27.0	28.0	28.0	28.0	28.0	27.5	28.0	---	---	---
31	---	---	---	28.0	27.5	28.0	28.0	27.5	28.0	---	---	---
MONTH	27.5	25.0	27.0	30.5	26.5	28.5	29.0	24.5	27.0	28.5	26.0	27.0
YEAR	30.5	6.0	18.5									

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	6.8	6.1	6.4	8.0	7.8	7.9	10.6	10.0	10.3
2	---	---	---	7.0	6.1	6.5	8.4	7.7	8.1	10.0	9.6	9.9
3	5.3	4.3	4.8	7.2	6.4	6.8	8.7	8.2	8.5	10.4	9.8	10.1
4	5.3	4.3	4.9	7.3	6.3	6.7	9.1	8.6	8.9	10.7	10.4	10.6
5	5.2	4.6	4.9	7.4	6.3	6.9	9.4	9.0	9.2	10.8	10.4	10.7
6	5.0	4.0	4.6	7.8	7.2	7.5	9.4	9.3	9.3	10.9	10.6	10.8
7	5.3	4.5	4.7	7.8	7.2	7.5	9.4	8.7	9.2	---	---	---
8	5.6	4.9	5.2	7.8	7.2	7.5	8.9	8.7	8.8	---	---	---
9	5.9	5.0	5.6	7.9	7.0	7.3	9.0	8.7	8.8	---	---	---
10	6.1	5.0	5.5	7.5	6.7	7.2	9.3	9.0	9.1	---	---	---
11	5.9	4.9	5.4	7.3	6.7	7.0	9.6	9.2	9.4	---	---	---
12	5.7	5.0	5.3	7.5	6.8	7.2	9.9	9.5	9.7	---	---	---
13	5.9	5.0	5.5	7.4	6.9	7.2	10.0	9.8	9.9	---	---	---
14	6.4	5.3	5.6	7.4	7.0	7.2	10.2	9.9	10.0	---	---	---
15	6.1	5.3	5.7	7.6	6.9	7.2	10.3	10.1	10.2	---	---	---
16	6.3	5.4	5.9	7.3	6.8	7.0	10.5	10.2	10.4	---	---	---
17	6.3	5.6	6.0	7.2	6.9	7.1	10.7	10.5	10.6	---	---	---
18	6.5	5.7	6.1	7.3	7.1	7.2	11.1	10.7	10.9	10.4	9.8	10.1
19	6.6	5.8	6.2	7.2	6.9	7.1	11.4	11.0	11.2	10.6	10.1	10.3
20	6.6	5.7	6.3	7.2	6.8	7.0	11.5	11.3	11.4	10.5	10.3	10.4
21	6.7	5.8	6.3	7.4	7.0	7.2	11.4	11.3	11.4	10.7	10.3	10.5
22	6.7	5.9	6.2	7.7	7.4	7.6	11.5	11.3	11.4	10.7	10.4	10.6
23	6.3	5.8	6.2	7.8	7.5	7.7	11.5	11.3	11.4	11.0	10.5	10.7
24	6.4	5.8	6.1	7.8	7.5	7.7	11.4	11.2	11.3	10.9	10.3	10.6
25	6.8	6.0	6.1	7.8	7.6	7.8	11.2	11.1	11.2	10.6	10.1	10.4
26	6.6	5.9	6.4	8.0	7.6	7.8	11.2	11.0	11.1	10.6	10.0	10.3
27	6.9	5.8	6.3	8.1	7.8	8.0	11.1	10.8	11.0	10.4	10.0	10.2
28	6.9	5.9	6.3	8.1	7.6	8.0	11.0	10.6	10.8	10.3	9.8	10.1
29	6.8	6.0	6.4	8.1	7.9	8.0	11.2	10.6	10.8	10.4	9.9	10.1
30	6.8	6.1	6.4	8.0	7.9	8.0	10.9	10.4	10.7	10.3	9.8	10.1
31	6.7	6.1	6.4	---	---	---	10.6	10.2	10.4	10.1	9.7	9.9
MONTH	6.9	4.0	5.8	8.1	6.1	7.3	11.5	7.7	10.1	11.0	9.6	10.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.1	9.5	9.8	10.1	9.6	9.9	6.1	5.5	5.7	3.9	3.2	3.6
2	10.0	9.5	9.8	9.7	9.4	9.6	6.1	5.4	5.8	3.7	3.2	3.5
3	9.8	9.2	9.5	9.7	9.3	9.5	6.5	5.5	6.2	3.6	3.0	3.4
4	9.4	8.9	9.1	9.4	9.2	9.3	6.2	5.0	5.7	3.9	3.3	3.5
5	9.1	8.5	8.8	9.5	9.1	9.3	5.2	4.5	5.0	4.8	3.6	4.2
6	9.0	8.6	8.8	9.1	8.5	8.9	5.1	4.4	4.8	4.9	4.3	4.6
7	8.9	8.6	8.7	8.3	7.6	8.0	5.3	4.6	4.9	5.0	4.4	4.6
8	8.7	8.3	8.6	8.2	7.6	7.9	5.5	4.8	5.1	4.9	4.4	4.7
9	9.0	8.3	8.7	8.6	8.0	8.2	5.2	4.9	5.1	4.9	4.5	4.7
10	9.3	8.6	9.0	8.9	8.3	8.6	5.5	5.1	5.3	5.0	4.7	4.9
11	9.4	8.8	9.1	8.8	8.4	8.6	6.0	5.1	5.7	5.0	4.7	4.9
12	9.8	9.0	9.4	8.9	8.5	8.7	6.2	5.6	6.0	5.3	4.8	5.1
13	10.2	9.2	9.7	9.2	8.5	8.8	6.3	5.6	6.1	5.3	4.6	5.1
14	10.7	9.7	10.2	8.8	8.3	8.6	6.4	5.6	6.3	5.7	5.0	5.4
15	10.5	10.0	10.2	8.8	8.4	8.6	6.4	5.8	6.2	5.7	5.2	5.5
16	10.4	9.7	10.1	8.5	8.3	8.3	6.2	5.3	6.0	5.6	5.2	5.4
17	10.1	9.8	10.0	8.3	7.8	8.1	6.1	5.7	5.9	5.6	5.4	5.5
18	10.0	9.8	9.9	8.1	7.6	7.9	5.9	5.4	5.8	5.5	5.1	5.3
19	9.9	9.1	9.6	7.8	7.0	7.5	5.7	5.3	5.6	5.4	4.9	5.2
20	9.5	9.1	9.3	7.7	7.1	7.4	5.7	4.8	5.4	5.3	4.9	5.2
21	9.8	9.4	9.6	7.3	6.6	7.0	5.6	5.1	5.3	5.2	4.7	5.0
22	9.9	9.5	9.7	7.0	6.4	6.8	5.4	4.6	5.1	5.2	4.5	4.8
23	9.9	9.7	9.8	7.1	6.5	6.8	5.3	4.9	5.0	4.8	4.2	4.6
24	10.0	9.6	9.8	7.4	6.8	7.1	5.2	4.7	4.9	4.5	3.8	4.3
25	10.4	9.7	10.1	8.0	7.0	7.5	5.0	4.0	4.7	4.5	3.8	4.1
26	11.0	10.0	10.5	8.0	7.4	7.7	4.9	3.7	4.5	4.1	3.4	3.8
27	10.7	10.3	10.5	8.5	7.3	7.9	4.6	3.9	4.3	4.0	3.4	3.8
28	10.4	9.8	10.2	8.4	7.4	7.8	4.4	3.4	4.1	3.9	3.3	3.7
29	---	---	---	8.2	7.1	7.7	4.2	3.6	3.9	3.9	3.3	3.8
30	---	---	---	7.6	7.0	7.3	3.9	3.2	3.7	3.7	3.1	3.6
31	---	---	---	7.0	6.1	6.6	---	---	---	3.6	3.2	3.4
MONTH	11.0	8.3	9.6	10.1	6.1	8.1	6.5	3.2	5.3	5.7	3.0	4.5

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.6	3.1	3.4	---	---	---	---	---	---	---	---	---
2	3.7	3.3	3.5	---	4.1	4.6	---	---	---	---	---	---
3	3.8	3.4	3.6	4.5	4.2	4.4	---	---	---	5.6	5.0	5.2
4	3.9	3.4	3.7	---	---	---	---	---	---	5.4	5.0	5.3
5	4.2	3.5	3.9	---	---	---	4.1	3.8	4.0	---	---	---
6	4.6	3.8	4.2	---	---	---	4.4	4.0	4.2	---	---	---
7	4.5	3.9	4.3	4.7	4.1	4.4	4.5	4.1	4.3	---	---	---
8	4.4	4.0	4.3	4.9	4.5	4.7	4.7	4.3	4.5	4.9	4.4	4.6
9	5.1	4.3	4.6	5.1	4.5	4.8	4.9	4.3	4.6	5.3	4.3	4.8
10	4.7	4.4	4.6	5.2	4.6	4.9	---	---	---	5.4	4.6	5.0
11	4.8	4.1	4.6	5.1	4.7	4.9	4.9	4.4	4.7	5.0	4.4	4.7
12	4.8	4.2	4.5	5.2	4.6	4.9	---	---	---	4.6	4.1	4.4
13	5.0	4.4	4.8	5.0	4.6	4.8	4.9	4.5	4.7	---	---	---
14	5.0	4.6	4.8	5.1	4.5	4.8	5.2	4.5	5.0	---	---	---
15	5.0	4.5	4.8	4.9	4.4	4.8	---	---	---	---	---	---
16	5.2	4.5	4.9	5.0	4.4	4.7	5.2	4.4	4.8	---	---	---
17	5.3	4.9	5.1	5.1	4.5	4.8	---	---	---	---	---	---
18	5.1	4.6	5.0	4.9	4.3	4.6	4.7	3.8	4.4	---	---	---
19	5.2	4.6	4.9	4.9	4.1	4.4	4.9	4.4	4.6	---	---	---
20	5.2	4.7	4.9	4.9	4.2	4.5	5.0	4.6	4.8	---	---	---
21	5.2	4.6	4.9	5.0	4.5	4.7	---	---	---	---	---	---
22	5.2	4.6	4.9	5.1	4.5	4.8	---	---	---	---	---	---
23	5.1	4.5	4.8	5.0	4.5	4.8	5.2	4.7	5.0	---	---	---
24	4.9	4.4	4.7	4.8	4.4	4.6	---	---	---	---	---	---
25	5.1	4.5	4.8	4.8	4.3	4.6	---	---	---	---	---	---
26	5.2	4.5	4.9	4.7	4.3	4.5	---	---	---	---	---	---
27	---	---	---	4.6	4.1	4.4	---	---	---	---	---	---
28	5.1	5.1	4.8	4.4	3.8	4.2	---	---	---	---	---	---
29	---	---	---	4.2	3.6	4.1	---	---	---	---	---	---
30	---	---	---	4.1	3.7	3.9	---	---	---	---	---	---
31	---	---	---	4.2	3.7	3.9	---	---	---	---	---	---
MONTH	5.3	3.1	4.5	5.2	3.6	4.6	5.2	3.8	4.6	5.6	4.1	4.9
YEAR	11.5	3.0	6.8									

NOTE.--Dissolved oxygen concentrations are not corrected for salinity.

021108135 THOROUGHFARE CREEK AT BELIN NEAR PAWLEYS ISLAND, SC

LOCATION.--Lat 33°31'03'', long 79°08'46'', Georgetown County, Hydrologic Unit 03040206, on left bank 1.0 mi upstream of the mouth of Thoroughfare Creek, 5.5 mi southeast of Pawleys Island, S.C.

PERIOD OF RECORD.--August 1988 to September 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1988 to September 1989.

INSTRUMENTATION.-- Water-quality monitor since August 1988.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, greater than 10,000 microsiemens, Sept. 22, 1989; minimum, 60 microsiemens, many in Apr. 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, greater than 10,000 microsiemens, Sept. 22, 1989; minimum, 60 microsiemens, many in Apr. 1989.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	90	97	137	117	132	120	110	117	140	120	130
2	100	90	99	136	126	136	130	110	122	140	120	130
3	110	90	102	136	126	135	130	110	121	130	120	125
4	110	100	105	135	125	135	130	110	119	130	110	122
5	110	100	103	145	125	138	130	110	120	130	110	122
6	110	100	103	145	114	128	130	120	122	130	120	124
7	111	90	101	124	114	118	130	110	120	130	110	123
8	121	101	107	124	113	116	120	110	115	130	100	112
9	121	92	106	123	113	117	120	110	113	120	100	113
10	112	92	99	123	112	116	120	110	111	120	110	116
11	103	92	95	122	112	117	120	110	111	120	100	112
12	103	83	94	122	111	116	120	110	113	120	100	109
13	104	93	96	121	111	115	120	110	114	110	100	107
14	104	94	97	121	110	112	120	110	116	110	100	109
15	105	94	100	120	110	114	120	110	116	110	100	105
16	106	95	103	120	110	115	120	110	116	110	100	106
17	116	96	105	120	110	116	120	110	115	110	100	107
18	117	106	109	120	110	118	120	110	119	120	100	111
19	117	107	113	120	110	117	130	110	121	120	110	114
20	118	107	113	120	110	117	130	110	119	120	110	116
21	118	108	114	120	110	117	130	110	119	120	100	112
22	119	108	113	120	110	119	130	120	122	120	110	111
23	119	109	113	120	110	118	130	120	122	120	100	111
24	130	109	117	120	110	115	130	120	125	120	100	111
25	140	120	127	120	110	117	130	120	128	120	100	110
26	140	119	130	120	110	117	130	120	127	110	100	106
27	139	119	128	120	110	117	130	120	127	110	100	107
28	129	118	125	120	110	113	130	120	128	110	100	107
29	128	118	124	120	110	112	130	120	128	110	100	108
30	128	117	123	120	110	113	130	120	127	120	100	110
31	127	117	124	---	---	---	130	120	128	---	---	---
MONTH	140	83	109	145	110	120	130	110	120	140	100	114

021108135 THOROUGHFARE CREEK AT BELIN NEAR PAWLEYS ISLAND, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	125	104	115	80	70	76	80	70	78
2	---	---	---	126	105	116	80	70	74	90	70	79
3	---	---	---	127	106	116	80	70	72	90	70	78
4	---	---	---	128	107	117	80	60	70	90	70	79
5	---	---	---	129	108	115	70	60	69	90	70	80
6	---	---	---	120	109	116	70	60	67	90	70	78
7	---	---	---	120	109	116	70	60	68	80	70	74
8	---	---	---	119	108	111	80	60	70	80	70	72
9	---	---	---	108	97	107	80	70	72	80	70	71
10	---	---	---	107	96	105	80	70	72	80	70	74
11	---	---	---	106	95	102	80	70	73	80	70	75
12	---	---	---	105	94	101	80	70	75	80	70	75
13	---	---	---	104	93	99	80	70	77	80	70	76
14	---	---	---	103	92	98	80	70	79	80	70	74
15	---	---	---	102	91	98	80	70	78	80	70	74
16	141	121	129	101	90	95	80	70	77	80	70	73
17	133	122	129	100	90	97	80	70	77	80	70	72
18	134	123	129	109	89	96	80	70	77	80	70	74
19	135	124	130	99	88	96	80	70	76	80	70	73
20	146	125	134	98	87	95	80	70	73	80	70	76
21	137	126	135	107	96	97	80	70	72	80	70	77
22	147	127	137	106	95	97	80	70	72	80	70	78
23	149	128	137	105	94	96	80	70	71	90	70	80
24	140	129	138	104	83	94	80	70	74	90	70	81
25	141	130	135	103	92	96	80	70	75	90	70	82
26	142	112	127	102	91	96	80	70	76	90	80	85
27	122	102	112	101	90	95	80	70	76	90	80	86
28	124	103	113	100	80	91	80	70	76	90	80	86
29	---	---	---	90	80	82	80	70	77	90	80	86
30	---	---	---	80	70	79	80	70	77	90	80	86
31	---	---	---	90	70	78	---	---	---	90	80	88
MONTH	149	102	130	129	70	100	80	60	74	90	70	78
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	80	88	100	90	95	90	80	88	110	90	101
2	100	80	89	100	90	96	90	80	85	110	90	98
3	100	80	90	100	90	96	90	80	85	100	90	93
4	100	80	93	100	90	96	90	80	85	100	90	93
5	110	90	100	100	90	96	90	80	86	100	90	96
6	110	90	106	100	90	95	90	80	87	100	90	94
7	120	100	108	100	90	96	90	80	87	100	90	93
8	110	100	104	100	90	97	90	80	89	100	90	94
9	110	90	101	110	90	97	100	80	90	100	90	92
10	120	90	104	100	90	98	100	90	92	100	90	91
11	120	100	112	110	90	100	100	80	89	100	90	93
12	120	100	114	110	90	98	100	80	88	100	90	96
13	110	100	107	100	90	97	100	80	89	100	90	96
14	110	100	106	100	90	96	100	80	89	100	90	98
15	110	100	105	100	90	96	100	80	90	110	90	101
16	110	100	104	100	90	95	100	80	90	110	100	102
17	110	100	105	100	90	97	100	90	92	110	100	104
18	110	100	104	100	90	98	110	80	94	110	100	103
19	110	100	104	100	90	97	110	90	98	110	100	105
20	110	90	103	100	90	96	100	90	95	110	100	108
21	110	90	102	120	90	97	100	80	92	120	100	109
22	110	90	99	100	80	91	100	80	92	10000	110	2490
23	110	90	99	100	80	87	110	90	96	230	190	205
24	110	90	98	100	80	90	100	80	91	200	160	175
25	100	90	96	100	90	94	100	80	93	180	130	154
26	110	90	99	90	80	88	100	90	95	140	120	130
27	100	90	93	90	80	82	110	90	99	130	110	117
28	100	80	93	90	80	82	110	90	100	120	100	108
29	100	90	95	90	80	86	110	100	106	120	100	115
30	100	90	96	100	80	89	110	100	104	120	100	109
31	---	---	---	100	80	90	110	90	101	---	---	---
MONTH	120	80	101	120	80	94	110	80	92	>10000	90	189
YEAR	>10000	60	109									

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC

LOCATION.--Lat 33°26'10'', long 79°10'51'', Georgetown County, Hydrologic Unit 03040206, on left bank at Hagley Landing, 0.2 mi upstream of Jericho Creek, 3.2 mi west of Pawleys Island and at mile 6.9.

PERIOD OF RECORD.--May 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1986 to current year.
pH: August 1986 to current year.
WATER TEMPERATURE: August 1986 to current year.
DISSOLVED OXYGEN: August 1986 to current year.

INSTRUMENTATION.-- Water-quality monitor since May 1986.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sept. 22, 1989; minimum, less than 100 microsiemens, many days in 1987.
pH: Maximum, 8.0 units, May 26, 1988; minimum, 5.4 units, Sept. 29, 1987.
WATER TEMPERATURE: Maximum, 32.0°C, July 30, Aug. 8, 9, 13, 1988; minimum, 2.0°C, Jan. 15-17, 1988.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988; minimum, 2.4 mg/L, Sept. 26, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sept. 22; minimum, 100 microsiemens, many days.
pH: Maximum, 7.4 units, several days throughout year; minimum, 6.0 units, Oct. 8, 9.
WATER TEMPERATURE: Maximum, 30.5°C, June 14 - 16; minimum, 5.0°C Dec. 19.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Feb. 27; minimum, 2.4 mg/L, Sept. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	200	100	146	3300	200	1050	200	100	106	1500	100	408
2	200	100	144	2400	200	858	200	100	115	3900	100	1000
3	200	100	148	4600	200	1720	200	100	131	2900	100	708
4	200	100	156	3200	100	1200	200	100	127	300	100	208
5	1100	100	275	5200	200	1100	2100	100	350	3800	200	810
6	3700	100	569	400	100	206	200	100	131	5700	100	1050
7	4200	100	925	200	100	183	200	100	125	300	100	123
8	900	100	248	200	100	171	200	100	123	500	100	165
9	200	100	171	200	100	171	200	100	121	300	100	208
10	200	100	169	200	100	167	200	100	142	200	100	171
11	200	100	150	200	100	154	200	100	112	300	200	217
12	200	100	148	3400	100	577	1400	100	240	300	200	204
13	200	100	140	4800	100	690	2800	100	304	300	200	204
14	200	100	152	600	100	229	1200	100	229	200	200	200
15	200	100	152	1000	100	262	300	100	187	200	200	200
16	200	100	156	3000	200	573	200	200	200	200	200	200
17	600	100	204	400	100	250	2200	200	487	200	100	196
18	1600	100	340	1600	100	312	300	200	208	300	200	210
19	800	100	250	4900	100	933	200	100	196	300	100	172
20	6600	100	1550	2600	100	481	300	100	200	209	104	120
21	6700	300	2930	300	200	225	300	200	208	219	112	137
22	3000	100	848	300	200	219	300	200	227	225	121	133
23	2700	200	775	2200	200	469	3900	200	777	237	129	154
24	2500	200	492	1100	100	281	2000	200	481	244	137	158
25	200	100	158	896	150	277	300	200	227	251	146	162
26	900	100	229	700	100	204	2100	200	440	262	154	185
27	4500	100	562	300	100	129	3800	200	906	364	163	214
28	6800	100	890	200	100	121	2000	200	667	278	171	200
29	1800	100	410	200	100	112	1100	100	298	287	179	210
30	5200	100	983	200	100	121	2500	100	596	295	188	206
31	5700	200	2280	---	---	---	2100	100	533	298	100	203
MONTH	6800	100	540	5200	100	448	3900	100	297	5700	100	282

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1100	200	292	200	100	167	200	100	162	200	100	144
2	1100	200	296	200	100	181	200	100	135	200	100	158
3	900	100	283	200	100	181	200	100	104	300	100	162
4	800	200	256	200	100	173	200	100	108	200	100	154
5	5400	200	1360	300	100	217	200	100	100	200	100	137
6	4500	200	862	400	100	198	200	100	106	300	100	165
7	1700	200	379	200	100	171	200	100	115	200	100	152
8	800	200	260	200	100	165	200	100	152	200	100	150
9	300	200	219	200	100	181	200	100	158	200	100	142
10	300	200	227	200	100	183	200	100	158	200	100	140
11	300	200	208	200	100	167	200	100	146	200	100	144
12	200	200	200	200	100	173	200	100	150	200	100	137
13	300	200	206	200	100	165	200	100	131	200	100	148
14	300	200	227	200	100	177	200	100	152	200	100	152
15	300	200	225	200	100	162	200	100	152	200	100	137
16	300	200	223	200	100	146	200	100	160	300	100	140
17	4200	200	954	200	100	171	200	100	152	200	100	119
18	9000	200	2690	200	100	125	200	100	135	200	100	129
19	7700	300	3010	200	100	167	200	100	127	300	100	144
20	5200	200	1910	200	100	173	200	100	137	300	100	162
21	3900	200	1000	200	100	158	200	100	158	300	100	160
22	300	200	244	200	100	167	200	100	133	300	100	148
23	300	200	212	200	100	152	200	100	123	200	100	154
24	200	200	200	200	100	152	200	100	135	400	100	177
25	300	200	208	200	100	173	200	100	129	300	100	154
26	300	100	200	200	100	156	200	100	148	300	100	194
27	200	100	181	200	100	150	200	100	148	300	100	158
28	200	100	181	200	100	150	200	100	171	200	100	135
29	---	---	---	200	100	146	200	100	148	300	100	192
30	---	---	---	200	100	167	200	100	137	300	100	204
31	---	---	---	200	100	144	---	---	---	300	100	171
MONTH	9000	100	597	400	100	166	200	100	139	400	100	154
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	300	100	223	200	100	158	300	100	152	100	100	100
2	300	100	223	200	100	165	300	100	154	100	100	100
3	300	100	200	200	100	150	600	100	175	100	100	100
4	---	---	---	200	100	165	500	100	231	100	100	100
5	---	---	---	200	100	171	---	---	---	100	100	100
6	---	---	---	200	100	158	---	---	---	100	100	100
7	---	---	---	200	100	154	---	---	---	200	100	104
8	---	---	---	---	---	---	---	---	---	100	100	100
9	---	---	---	---	---	---	---	---	---	100	100	100
10	---	---	---	---	---	---	---	---	---	100	100	100
11	---	---	---	---	---	---	---	---	---	100	100	100
12	---	---	---	---	---	---	---	---	---	---	---	---
13	200	100	167	---	---	---	---	---	---	---	---	---
14	200	100	162	---	---	---	---	---	---	---	---	---
15	300	100	148	---	---	---	---	---	---	200	100	133
16	200	100	169	---	---	---	---	---	---	200	100	156
17	200	100	181	---	---	---	100	100	100	300	100	156
18	400	100	160	---	---	---	100	100	100	200	100	142
19	200	100	154	---	---	---	100	100	100	200	100	133
20	200	100	148	---	---	---	100	100	100	200	100	144
21	200	100	169	---	---	---	100	100	100	7400	100	942
22	200	100	150	---	---	---	100	100	100	29900	3100	12600
23	200	100	156	---	---	---	100	100	100	2700	500	1360
24	200	100	148	---	---	---	100	100	100	1400	300	550
25	200	100	169	300	100	156	100	100	100	2600	300	704
26	200	100	156	200	100	127	100	100	100	300	200	227
27	200	100	156	400	100	123	100	100	100	200	100	196
28	200	100	160	100	100	96	100	100	100	200	100	177
29	200	100	162	200	100	115	100	100	100	1800	100	394
30	200	100	162	200	100	144	100	100	100	200	100	183
31	---	---	---	200	100	129	100	100	100	---	---	---
MONTH	400	100	168	400	100	144	600	100	116	29900	100	715
YEAR	29900	100	327									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	24.0	24.5	17.0	16.0	16.5	15.0	13.5	14.0	12.5	11.0	11.5
2	25.0	24.0	24.5	17.5	16.0	16.5	14.0	12.5	13.0	11.5	11.0	11.5
3	25.0	24.0	24.5	16.5	15.5	16.5	13.5	12.0	13.0	11.5	10.5	11.0
4	24.0	23.0	24.0	17.0	16.0	16.5	13.0	11.0	12.0	11.0	10.0	10.5
5	24.0	22.5	23.5	18.0	16.5	17.0	12.0	11.0	11.5	10.5	9.0	10.0
6	23.0	22.0	22.5	17.0	15.5	16.0	11.5	10.0	11.0	11.0	9.5	10.5
7	22.5	21.0	22.0	16.0	14.5	15.5	11.0	10.0	10.5	10.5	10.0	10.0
8	21.0	20.0	21.0	16.0	14.0	15.5	11.5	10.0	10.5	11.5	10.0	10.5
9	20.5	19.5	20.0	16.0	15.0	15.5	10.5	10.0	10.0	11.0	10.5	10.5
10	20.0	19.0	19.5	16.5	15.0	15.5	10.0	9.0	9.5	11.0	10.0	10.5
11	20.0	18.5	19.5	16.5	15.5	15.5	9.5	8.5	9.0	11.0	10.0	10.5
12	20.0	18.5	19.0	16.0	14.5	15.0	9.0	7.5	8.0	11.0	10.5	11.0
13	19.0	17.0	18.0	16.0	15.0	15.5	8.0	7.0	7.5	12.0	10.5	11.0
14	18.5	16.5	17.5	16.0	15.0	15.5	8.0	6.5	7.5	11.0	10.0	10.5
15	18.0	16.5	17.5	16.0	15.5	15.5	8.5	7.5	8.0	12.0	10.5	11.0
16	18.0	16.5	17.5	16.5	15.5	16.0	7.5	6.5	7.0	12.5	11.0	11.5
17	18.0	17.0	17.5	19.0	16.5	17.5	7.5	6.0	7.0	12.0	11.0	11.5
18	19.0	17.5	18.0	17.0	16.0	16.5	7.5	5.5	6.5	12.0	10.5	11.0
19	18.5	18.0	18.0	16.5	16.0	16.5	7.5	5.0	6.0	11.0	10.0	10.5
20	18.5	17.5	18.0	18.5	16.0	17.0	7.0	5.5	6.0	11.0	9.5	10.0
21	18.5	17.0	18.0	17.5	16.5	16.5	7.0	6.0	6.5	9.5	8.5	9.0
22	18.5	16.5	17.5	16.0	15.0	15.5	8.0	6.5	7.0	8.5	8.0	8.5
23	17.5	16.5	17.0	16.0	15.5	15.5	7.5	7.0	7.5	10.0	8.5	9.0
24	18.0	16.5	17.5	15.5	14.5	15.0	9.0	7.5	8.0	9.5	8.5	9.0
25	17.5	16.5	17.0	15.0	14.0	15.0	9.5	8.5	9.0	9.5	8.5	9.0
26	17.5	16.5	17.0	15.5	14.5	15.0	9.0	8.0	8.5	10.0	8.5	9.5
27	18.0	17.0	17.5	16.5	15.0	16.0	9.5	8.5	9.0	11.5	9.5	10.5
28	18.5	17.5	18.0	16.5	14.0	15.5	11.0	9.0	10.0	10.5	9.5	10.0
29	18.5	18.0	18.0	15.0	13.5	14.5	10.5	9.0	10.0	11.0	10.0	10.5
30	18.0	17.5	18.0	15.0	13.5	14.5	10.5	10.0	10.5	13.0	10.5	11.5
31	18.0	17.0	17.5	---	---	---	11.0	10.5	10.5	12.0	11.0	11.5
MONTH	25.0	16.5	19.5	19.0	13.5	16.0	15.0	5.0	9.0	13.0	8.0	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	10.5	12.0	10.0	9.5	9.5	19.5	18.0	19.0	24.0	23.0	23.5
2	13.5	12.0	12.5	10.0	9.5	9.5	19.0	18.0	18.5	25.0	23.0	23.5
3	14.5	12.5	13.0	10.5	9.5	10.0	19.0	17.5	18.5	24.0	22.5	23.5
4	13.5	13.0	13.0	10.5	10.0	10.0	20.0	18.0	19.0	23.5	22.0	23.0
5	13.0	12.5	13.0	12.0	10.0	11.0	19.5	19.0	19.5	23.0	22.0	22.5
6	14.0	12.5	13.0	14.0	11.5	12.5	19.5	18.5	19.0	23.5	22.0	22.5
7	14.5	13.5	14.0	13.5	12.0	13.0	18.5	17.5	18.0	23.0	21.0	22.0
8	14.5	13.5	14.0	12.0	10.5	11.0	17.5	17.0	17.5	22.0	20.5	21.0
9	13.5	12.0	13.0	10.5	8.5	9.5	17.0	16.5	17.0	20.5	20.0	20.0
10	13.0	11.0	12.5	9.5	7.5	8.5	16.5	15.0	16.0	20.5	19.0	19.5
11	12.5	11.0	12.0	10.0	8.5	9.0	15.0	14.0	15.0	20.0	19.0	19.5
12	12.5	11.0	12.0	10.5	9.5	10.0	14.0	13.5	14.0	19.5	18.5	19.0
13	12.5	11.0	12.0	11.0	10.0	10.5	14.0	13.5	14.0	19.0	18.0	18.5
14	13.5	12.0	12.5	11.0	10.5	10.5	14.5	13.0	14.0	18.5	18.0	18.5
15	13.5	12.0	12.5	12.5	11.0	11.5	15.5	14.5	15.0	19.0	18.5	19.0
16	13.5	12.5	13.0	13.5	12.5	13.0	16.0	14.5	15.5	20.5	18.5	19.5
17	13.5	11.5	12.5	14.0	13.0	13.5	16.5	15.0	16.0	20.5	19.0	19.5
18	12.5	10.5	11.5	15.5	14.0	14.5	17.5	15.5	16.5	20.5	19.0	20.0
19	11.5	10.0	11.0	17.0	15.0	16.0	18.0	16.5	17.5	21.0	19.5	20.5
20	11.0	10.0	10.5	16.5	15.0	16.0	18.0	17.0	17.5	21.5	20.0	21.0
21	12.5	11.0	11.5	17.5	16.5	17.0	18.0	16.5	17.5	22.0	20.5	21.5
22	13.0	12.0	12.5	17.5	16.0	16.5	18.5	16.5	17.5	22.5	21.5	22.0
23	12.5	9.5	11.5	16.5	14.5	15.5	18.5	17.5	18.0	24.0	22.0	23.0
24	10.5	9.0	10.0	15.0	14.0	14.0	20.0	18.0	19.0	24.5	22.5	23.5
25	10.5	8.5	9.5	15.0	13.5	14.0	20.5	19.0	20.0	24.5	23.0	23.5
26	11.0	8.5	9.5	15.0	14.0	14.5	22.5	20.0	21.0	25.5	23.5	24.5
27	10.0	8.5	9.0	16.0	15.0	15.5	22.0	21.0	21.5	26.5	24.5	25.0
28	11.0	9.0	10.0	16.5	15.5	16.0	22.0	21.0	21.5	26.0	25.0	25.5
29	---	---	---	18.0	16.5	17.0	23.0	21.5	22.0	26.0	25.0	25.5
30	---	---	---	18.5	17.5	18.0	23.5	22.0	22.5	26.5	25.0	25.5
31	---	---	---	20.0	18.5	19.0	---	---	---	27.5	25.5	26.5
MONTH	14.5	8.5	12.0	20.0	7.5	13.0	23.5	13.0	18.0	27.5	18.0	22.0

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--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	29.0	28.0	28.5	29.0	27.5	28.0	28.5	27.5	28.5
2	28.5	26.5	27.5	29.0	27.5	28.5	28.0	27.0	27.5	29.5	28.0	28.5
3	29.0	27.0	28.0	28.5	27.5	28.0	28.0	27.0	27.5	28.5	27.0	28.0
4	---	---	---	28.5	27.5	28.0	28.5	27.0	28.0	27.5	26.0	26.5
5	---	---	---	28.0	27.5	28.0	---	---	---	26.5	25.5	26.5
6	---	---	---	28.0	27.5	28.0	---	---	---	26.5	26.0	26.0
7	---	---	---	29.5	27.5	28.5	---	---	---	26.5	26.0	26.0
8	---	---	---	---	---	---	---	---	---	26.5	25.5	26.0
9	---	---	---	---	---	---	---	---	---	26.5	25.5	26.0
10	---	---	---	---	---	---	---	---	---	26.0	25.5	26.0
11	---	---	---	---	---	---	---	---	---	26.0	25.5	25.5
12	---	---	---	---	---	---	---	---	---	---	---	---
13	30.0	28.0	29.0	---	---	---	---	---	---	---	---	---
14	30.5	28.5	29.5	---	---	---	---	---	---	---	---	---
15	30.5	28.5	29.5	---	---	---	---	---	---	26.5	25.5	26.0
16	30.5	29.0	29.5	---	---	---	---	---	---	26.5	26.0	26.5
17	30.0	29.0	29.5	---	---	---	26.0	25.0	25.5	27.0	26.0	26.5
18	30.0	28.5	29.5	---	---	---	26.0	25.0	25.5	26.5	25.5	26.0
19	30.0	29.0	29.5	---	---	---	26.0	25.5	25.5	26.0	25.0	25.5
20	29.5	28.5	29.0	---	---	---	26.5	25.5	26.0	25.5	25.0	25.0
21	29.5	28.5	29.0	---	---	---	27.0	26.0	26.5	25.5	25.0	25.5
22	29.0	28.5	29.0	---	---	---	27.5	27.0	27.0	26.0	24.5	25.5
23	29.0	28.0	28.5	---	---	---	28.5	27.0	27.5	25.5	25.0	25.5
24	30.0	28.0	29.0	---	---	---	29.0	27.5	28.0	24.5	23.5	24.0
25	29.5	28.5	28.5	28.0	27.0	27.5	28.5	27.5	28.0	23.0	22.5	23.0
26	29.5	28.5	29.0	28.0	27.0	27.5	28.5	27.5	28.0	23.0	22.5	23.0
27	30.0	28.5	29.0	28.5	27.0	27.5	28.5	27.5	28.0	23.0	22.0	22.5
28	29.5	28.5	29.0	28.5	26.5	27.5	29.0	27.5	28.0	22.5	21.5	22.0
29	29.5	28.5	29.0	28.5	27.5	28.0	28.5	27.5	28.0	23.0	22.0	22.5
30	29.0	28.0	28.5	28.5	27.5	28.0	28.5	27.5	28.0	23.0	22.5	22.5
31	---	---	---	28.5	27.5	28.0	28.5	27.5	28.0	---	---	---
MONTH	30.5	26.0	29.0	29.5	26.5	28.0	29.0	25.0	27.5	29.5	21.5	25.5
YEAR	30.5	5.0	18.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.7	4.2	4.5	7.4	7.1	7.2	8.2	7.5	7.7	10.0	9.4	9.7
2	4.4	4.0	4.2	7.8	7.0	7.3	8.3	7.5	7.7	9.7	9.1	9.4
3	4.3	3.8	4.0	7.5	7.1	7.2	8.1	7.5	7.7	9.5	9.0	9.3
4	4.4	4.0	4.2	7.3	7.0	7.1	8.6	7.9	8.2	10.1	9.5	9.7
5	4.5	4.1	4.2	7.9	7.1	7.5	8.7	8.0	8.4	10.0	9.5	9.7
6	5.4	4.2	4.5	8.6	7.5	7.9	9.0	8.6	8.7	10.3	9.6	9.8
7	5.4	4.5	4.9	8.7	8.1	8.2	9.4	8.8	9.0	9.9	9.4	9.6
8	5.1	4.8	4.9	8.2	8.0	8.1	9.3	8.9	9.0	9.5	9.3	9.5
9	5.3	4.8	5.1	8.0	7.7	7.8	9.2	8.9	9.0	9.7	9.4	9.5
10	5.5	5.1	5.3	7.9	7.5	7.7	9.1	9.0	9.0	9.8	9.5	9.7
11	5.9	5.4	5.7	8.1	7.4	7.7	9.4	9.0	9.1	9.7	9.3	9.5
12	6.3	5.5	5.7	7.9	7.5	7.7	10.1	9.4	9.8	9.5	9.0	9.2
13	6.2	5.6	5.9	7.8	7.2	7.5	10.1	9.7	9.9	9.5	9.0	9.1
14	6.1	5.6	5.8	7.4	7.1	7.2	9.9	9.7	9.8	9.7	9.4	9.5
15	6.0	5.7	5.8	7.2	6.7	7.0	10.2	9.7	9.9	9.8	9.4	9.5
16	6.1	5.8	5.9	6.7	6.5	6.6	10.4	10.0	10.3	10.0	9.5	9.7
17	6.1	5.8	6.0	7.6	6.6	7.1	10.9	10.2	10.4	10.1	9.7	9.8
18	6.3	6.0	6.1	7.8	7.1	7.2	11.1	10.3	10.5	10.4	9.8	10.0
19	6.5	6.2	6.4	7.3	7.0	7.2	10.8	10.5	10.6	10.7	10.2	10.4
20	6.8	6.3	6.5	7.5	6.9	7.1	10.8	10.5	10.7	11.1	10.4	10.7
21	6.8	6.4	6.5	7.4	6.9	7.1	11.0	10.6	10.7	11.4	10.8	11.0
22	7.1	6.5	6.7	7.7	7.0	7.4	11.1	10.7	10.8	11.4	11.0	11.2
23	6.7	6.5	6.6	8.0	7.3	7.7	10.9	10.5	10.8	---	---	---
24	6.8	6.3	6.6	8.0	7.7	7.8	10.8	10.6	10.7	---	---	---
25	6.7	6.2	6.4	7.7	7.4	7.5	10.7	10.6	10.7	---	---	---
26	6.8	6.2	6.5	7.4	7.3	7.4	10.7	10.5	10.6	---	---	---
27	6.4	6.3	6.4	7.7	7.3	7.5	10.6	10.4	10.5	---	---	---
28	6.5	6.3	6.4	8.5	7.7	8.0	10.6	10.4	10.5	---	---	---
29	6.7	6.4	6.5	8.1	7.8	8.0	10.6	10.3	10.5	---	---	---
30	7.0	6.6	6.8	7.9	7.6	7.8	10.5	10.0	10.3	---	---	---
31	7.5	6.8	7.1	---	---	---	10.3	9.6	10.0	---	---	---
MONTH	7.5	3.8	5.7	8.7	6.5	7.5	11.1	7.5	9.7	11.4	9.0	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.3	9.1	10.7	9.5	10.0	6.5	5.8	6.1	3.9	3.7	3.8
2	9.7	7.9	8.5	10.5	9.4	9.7	5.7	5.4	5.5	4.9	3.8	4.3
3	10.3	8.0	8.9	9.7	9.0	9.4	6.4	5.3	5.7	3.8	3.4	3.6
4	9.4	8.4	8.7	9.1	8.8	8.9	6.2	5.6	5.8	3.6	3.3	3.4
5	8.5	8.2	8.3	9.4	8.5	8.8	5.8	5.3	5.5	4.9	3.3	4.0
6	8.7	7.8	8.2	9.5	8.5	8.7	6.3	5.1	5.4	5.0	4.4	4.7
7	8.5	7.8	8.0	9.1	7.9	8.2	6.7	5.0	5.6	6.2	4.6	5.0
8	7.9	7.6	7.8	8.6	8.0	8.3	6.2	5.2	5.7	5.0	4.5	4.7
9	8.8	7.7	8.0	9.4	8.1	8.5	6.1	5.4	5.7	4.8	4.4	4.6
10	9.2	8.1	8.4	10.9	8.5	9.3	6.4	5.6	5.9	6.2	4.8	5.1
11	9.8	8.3	8.9	9.8	9.1	9.4	6.9	6.2	6.4	5.3	4.7	4.9
12	9.8	8.6	9.1	9.8	9.2	9.4	6.8	6.3	6.4	5.4	4.7	4.8
13	9.4	8.7	8.9	10.6	9.3	9.6	6.6	6.4	6.5	5.6	4.8	5.0
14	9.5	8.6	8.9	10.1	9.0	9.5	7.2	6.6	6.7	5.0	4.8	4.9
15	10.0	8.9	9.2	10.1	9.1	9.5	7.0	6.6	6.8	5.2	4.9	5.0
16	9.9	9.2	9.4	10.4	8.7	9.2	6.8	6.4	6.6	5.6	5.1	5.2
17	10.8	9.5	9.9	10.3	8.6	9.2	6.9	6.3	6.4	5.3	5.0	5.1
18	9.8	9.3	9.5	9.7	8.3	9.0	6.4	6.2	6.3	5.5	4.9	5.0
19	9.6	9.2	9.4	9.4	8.1	8.9	6.4	6.0	6.2	5.0	4.8	4.9
20	10.1	8.9	9.3	9.4	7.7	8.6	6.5	5.9	6.1	5.0	4.7	4.8
21	9.7	8.5	9.2	9.1	8.0	8.5	6.3	5.7	5.9	4.8	4.6	4.7
22	10.5	8.9	9.5	9.1	7.8	8.5	5.8	5.5	5.6	4.9	4.4	4.5
23	11.7	9.4	10.3	8.9	8.0	8.4	6.4	5.3	5.6	5.1	4.3	4.6
24	11.6	10.3	11.0	9.0	8.2	8.6	5.4	5.1	5.3	5.1	4.2	4.6
25	10.7	9.7	10.2	9.1	7.7	8.4	5.5	5.0	5.1	5.0	3.9	4.2
26	11.6	9.8	10.5	8.2	7.4	7.8	5.5	4.8	5.1	4.3	3.7	4.0
27	11.9	10.5	10.8	8.5	7.7	7.9	5.1	4.5	4.7	4.5	3.5	3.9
28	11.4	10.1	10.5	8.2	7.5	7.8	4.6	4.2	4.4	4.9	3.6	3.9
29	---	---	---	8.0	7.3	7.6	4.4	4.0	4.2	4.1	3.5	3.8
30	---	---	---	7.7	7.1	7.3	4.1	3.8	4.0	4.1	3.2	3.5
31	---	---	---	7.5	6.4	7.0	---	---	---	3.8	3.2	3.3
MONTH	11.9	7.3	9.2	10.9	6.4	8.7	7.2	3.8	5.7	6.2	3.2	4.4

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.9	3.2	3.6	4.6	4.0	4.3	6.6	4.0	5.3	4.4	3.9	4.1
2	4.3	3.5	3.9	4.3	3.8	4.0	4.2	3.6	3.8	4.3	3.8	4.1
3	4.1	3.4	3.8	5.9	3.9	4.3	3.7	3.3	3.5	5.0	4.2	4.6
4	---	---	---	4.2	3.8	4.0	3.7	3.1	3.4	5.5	4.9	5.2
5	---	---	---	5.2	3.7	4.3	---	---	---	5.4	4.7	5.0
6	---	---	---	4.7	4.0	4.3	---	---	---	5.1	4.6	4.8
7	---	---	---	4.8	4.2	4.5	---	---	---	5.0	4.3	4.7
8	---	---	---	---	---	---	---	---	---	4.6	3.9	4.3
9	---	---	---	---	---	---	---	---	---	4.5	3.9	4.0
10	---	---	---	---	---	---	---	---	---	4.5	4.0	4.2
11	---	---	---	---	---	---	---	---	---	4.7	4.1	4.3
12	---	---	---	---	---	---	---	---	---	---	---	---
13	6.1	4.5	5.0	---	---	---	---	---	---	---	---	---
14	6.2	4.7	5.0	---	---	---	---	---	---	---	---	---
15	5.5	4.7	5.0	---	---	---	---	---	---	4.4	3.9	4.1
16	5.5	4.8	5.1	---	---	---	---	---	---	4.5	4.0	4.2
17	5.5	4.8	5.2	---	---	---	4.5	4.2	4.3	4.5	4.0	4.2
18	5.6	4.8	5.0	---	---	---	4.4	4.2	4.3	4.7	4.0	4.3
19	5.1	4.6	4.8	---	---	---	4.3	4.0	4.2	4.8	4.3	4.6
20	5.0	4.5	4.8	---	---	---	4.4	4.1	4.2	4.8	4.3	4.5
21	5.0	4.6	4.8	---	---	---	4.6	4.1	4.3	6.3	4.3	5.0
22	5.1	4.6	4.8	---	---	---	4.9	4.2	4.3	6.7	4.2	5.4
23	5.0	4.7	4.8	---	---	---	4.7	4.2	4.4	4.2	3.2	3.8
24	5.3	4.6	4.8	---	---	---	5.1	4.4	4.6	4.9	3.8	4.3
25	5.8	4.6	4.8	4.9	4.4	4.7	4.7	4.1	4.4	5.5	4.1	4.8
26	4.9	4.6	4.7	4.6	4.1	4.4	4.4	4.0	4.2	3.9	2.4	3.1
27	5.4	4.6	4.9	4.5	4.1	4.3	4.1	3.7	4.0	4.2	2.5	3.4
28	5.1	4.6	4.9	4.7	4.2	4.4	4.2	3.7	3.9	4.4	3.6	4.0
29	5.3	4.4	4.6	4.8	4.1	4.5	4.3	3.7	3.9	3.6	2.9	3.2
30	4.8	4.3	4.5	5.6	4.0	4.5	4.8	3.8	4.2	3.0	2.5	2.8
31	---	---	---	7.0	4.2	5.6	4.5	4.1	4.3	---	---	---
MONTH	6.2	3.2	4.7	7.0	3.7	4.4	6.6	3.1	4.2	6.7	2.4	4.3
YEAR	11.9	2.4	6.7									

NOTE.--Dissolved oxygen concentrations are not corrected for salinity.

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC

LOCATION.--Lat 33°22'02'', long 79°15'08'', Georgetown County, Hydrologic Unit 03040207, near right bank at US Highway 17, 2.0 mi east of Georgetown, and at mile 0.5 mi.

PERIOD OF RECORD.--June 1985 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Bottom): June 1985 to current year.
SPECIFIC CONDUCTANCE (Top): October 1985 to current year.
WATER TEMPERATURE (Bottom): October 1985 to current year.
WATER TEMPERATURE (Top): October 1985 to current year.

INSTRUMENTATION.-- Water-quality monitor since June 1985.

REMARKS.--Values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Bottom): Maximum, 49,500 microsiemens, Sept. 22, 1989; minimum, less than 100 microsiemens, many days during period of record.
SPECIFIC CONDUCTANCE (Top): Maximum, 43,000 microsiemens, Sept. 22, 1989; minimum, less than 100 microsiemens, many days 1986.
WATER TEMPERATURE (Bottom): Maximum, 30.5°C, July 20, 21, 1986, July 19, 20, Aug. 3-7, 1988, July 12, 13, 1989; minimum, 2.0°C, Jan. 15-18, 1988.
WATER TEMPERATURE (Top): Maximum, 31.5°C, July 12, 13, 1989; minimum, 2.0°C, Jan. 16, 1988.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Bottom): Maximum, 49,500 microsiemens, Sept. 22; minimum, less than 100 microsiemens, many days.
SPECIFIC CONDUCTANCE (Top): Maximum, 43,000 microsiemens, Sept. 22; minimum, less than 100 microsiemens, many days.
WATER TEMPERATURE (Bottom): Maximum, 30.5°C, July 12, 13; minimum, 6.5°C, Dec. 20, 21.
WATER TEMPERATURE (Top): Maximum, 31.5°C, July 12, 13; minimum, 6.0°C, Dec. 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	12100	100	4650	23700	12200	19800	---	---	---	32400	16600	24800
2	11900	100	4980	23300	13500	18900	---	---	---	31000	16100	25200
3	16400	100	7760	23500	13400	19400	---	---	---	29800	10100	22500
4	19400	3200	12600	22600	13200	17800	---	---	---	15900	1900	10700
5	22400	7800	16200	17600	1960	12500	---	---	---	19600	9100	15700
6	22600	9300	17500	13300	1820	5750	---	---	---	19300	7900	13300
7	25600	13000	19700	6600	1170	3610	---	---	---	14000	2700	8460
8	21400	9500	16200	8880	1040	3580	11400	300	5960	14400	1900	7630
9	15500	6700	11500	8750	820	4020	12200	200	5750	12500	300	6240
10	14000	3000	8870	12300	850	5430	13700	200	6810	16000	1400	8690
11	9700	100	4540	12100	620	6190	12300	200	6410	13300	2000	8310
12	8000	2000	3920	16300	5310	12200	15400	4200	10600	11500	400	6490
13	13300	2100	7040	16200	5990	12800	17600	6900	12300	7900	100	2990
14	17300	2700	10300	15200	4570	9090	13400	4500	9340	14700	700	6920
15	16900	3300	10400	15900	5000	10900	11600	1800	7620	15500	200	7170
16	17800	2000	11500	14900	1600	9760	15800	3600	9520	7500	100	2980
17	20000	6100	14100	11800	1400	5920	18900	3900	12200	12300	100	5760
18	18000	6800	13600	13900	2500	9540	13800	4800	9910	12300	200	5210
19	18000	6400	13100	16500	7900	12900	12100	2700	7780	7500	100	2770
20	23400	12000	16900	---	---	---	11900	500	6860	7600	100	2140
21	22600	12700	17600	---	---	---	13100	800	7690	10700	100	3850
22	20000	6800	14000	---	---	---	13700	2500	8890	16200	400	7940
23	22600	6000	13400	---	---	---	16800	5900	11000	21100	6000	12900
24	18000	6400	12600	---	---	---	15800	5200	10500	15400	4800	10200
25	17800	2400	10700	---	---	---	15900	4500	10600	11500	1500	6700
26	18300	2570	10900	---	---	---	21300	5900	13700	8700	300	4900
27	23100	5930	12900	---	---	---	21800	11700	17100	9100	100	4880
28	17900	6390	12700	---	---	---	20700	7900	14700	19800	4700	12000
29	17400	6950	12700	---	---	---	24900	9900	17800	19000	6500	14000
30	22400	12900	17000	---	---	---	38200	21300	30200	15400	1200	9040
31	23600	15900	19300	---	---	---	34600	19700	27100	19200	1700	12700
MONTH	25600	100	12200	23700	620	10500	38200	200	11700	32400	100	9450

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22900	7700	17700	11200	100	3660	100	100	100	200	100	104
2	20500	8600	14900	18000	1800	10700	500	100	129	200	100	104
3	16000	7100	11300	18300	100	9380	100	100	100	3700	100	475
4	18100	1800	11500	8900	100	2700	100	100	100	4600	100	752
5	22500	9600	15100	4400	100	950	100	100	100	3600	100	500
6	21400	7700	13900	3000	100	550	100	100	100	700	100	206
7	19300	5300	11500	4000	100	494	100	100	100	1200	100	160
8	19000	3400	10800	8300	100	1630	100	100	100	1200	100	212
9	18000	3700	10800	6300	100	1600	100	100	100	1300	100	223
10	18000	4100	10600	7400	100	1650	100	100	100	600	100	146
11	16500	1000	9070	6500	100	1010	100	100	100	300	100	125
12	13800	2100	7600	1200	100	212	100	100	100	800	100	158
13	15500	4300	10000	300	100	112	100	100	100	100	100	100
14	15600	700	8160	200	100	104	100	100	100	100	100	100
15	13300	1000	8260	100	100	100	100	100	100	100	100	100
16	18100	2900	11100	100	100	100	100	100	100	100	100	100
17	31000	10800	20000	100	100	100	100	100	100	200	100	104
18	33600	21000	25600	100	100	100	100	100	100	100	100	100
19	24200	15800	20600	100	100	100	100	100	100	200	100	108
20	22300	13100	17800	100	100	100	200	100	108	100	100	100
21	18900	7400	13800	100	100	100	100	100	100	100	100	100
22	15000	3800	9980	1000	100	196	100	100	100	100	100	100
23	12000	200	5880	3300	100	646	100	100	100	100	100	100
24	10500	100	4520	2200	100	262	100	100	100	100	100	100
25	13600	200	7600	100	100	100	100	100	100	100	100	100
26	18400	100	8280	100	100	100	100	100	100	800	100	171
27	12300	100	4560	200	100	104	100	100	100	700	100	162
28	8800	100	1840	100	100	100	100	100	100	9400	100	1660
29	---	---	---	100	100	100	200	100	108	15200	100	5380
30	---	---	---	100	100	100	100	100	100	7400	100	2570
31	---	---	---	100	100	100	---	---	---	8700	100	2540
MONTH	33600	100	11500	18300	100	1200	500	100	101	15200	100	547
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10300	100	2800	12500	100	4990	800	100	204	7400	100	2590
2	13200	100	3760	8600	100	3180	4600	100	648	5100	100	1460
3	15300	100	5010	6200	100	1570	5300	100	1110	5200	100	1350
4	15000	100	5550	6300	100	1280	4200	100	633	16800	100	7330
5	13300	100	5100	5000	100	1230	700	100	173	14500	100	6750
6	12700	100	4860	4600	100	844	2000	100	362	9300	100	4610
7	14100	100	6000	2600	100	429	7800	100	1790	14700	100	7140
8	13000	100	5150	1700	100	454	12100	100	3880	18300	3500	12400
9	10300	100	3090	10600	100	3040	23400	6600	17400	14800	100	7750
10	4400	100	1320	14200	100	6650	25700	7900	18600	13900	100	6480
11	14400	100	6010	12000	100	5380	19900	6200	14600	12500	100	4930
12	18000	4500	12700	13200	100	5770	18300	6400	13200	12700	100	5240
13	16500	200	7990	16300	100	6820	16400	3500	11100	14400	100	6570
14	11800	100	5520	15100	100	6840	13200	100	7860	13200	200	6610
15	13400	100	4960	21400	3800	13400	13100	200	6740	12100	200	4970
16	13000	100	5880	15600	100	8230	13000	100	5510	11100	100	3950
17	12800	100	5310	11800	100	4830	12000	100	4670	10100	100	3170
18	13500	100	5080	14500	100	4910	11000	100	3990	13600	100	4990
19	14100	100	5720	15100	100	6820	9400	100	3610	14800	100	7360
20	11700	100	4780	13100	100	4740	9500	100	2950	14500	100	7530
21	9700	100	3100	12200	100	3810	8200	100	2390	25200	3800	14200
22	8800	100	2070	9100	100	2350	6700	100	1650	49500	7400	27300
23	8000	100	2290	5200	100	1260	6300	100	1390	14400	1500	7690
24	8900	100	2740	2700	100	723	7800	100	1790	22200	900	8070
25	10300	100	3540	5000	100	977	12900	100	4700	28100	12800	22000
26	9200	100	3300	5300	100	1050	17100	2000	9920	13900	300	6780
27	6500	100	2010	3000	100	573	14000	1200	8690	12400	200	3760
28	7700	100	1990	2600	100	404	10700	100	5400	15100	200	5240
29	8200	100	2240	6400	100	1220	9500	100	3560	7500	100	2510
30	14800	100	4920	7900	100	2440	7400	100	2650	3100	100	806
31	---	---	---	2900	100	773	7600	100	2230	---	---	---
MONTH	18000	100	4490	21400	100	3450	25700	100	5270	49500	100	7050
YEAR	49500	100	6190									

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7800	200	2440	16900	6000	10600	---	---	---	14400	3300	8060
2	6000	100	2270	16500	6300	9740	---	---	---	12500	2500	7170
3	9200	100	2360	17300	6000	10900	10500	700	4170	12900	2400	7240
4	7000	200	2890	16900	6500	10700	8600	300	3820	8300	400	3160
5	12100	600	5070	17100	2700	10500	13100	1000	5420	13100	900	6920
6	13700	2400	7230	8000	2200	4090	10700	600	4520	15300	1800	7280
7	16600	5100	9490	7000	2200	2950	8700	200	3090	10100	400	4700
8	14800	3000	7900	7700	2200	3510	8300	100	2920	11500	400	4900
9	11900	1600	6220	7100	2000	3570	9800	100	3340	9300	200	3820
10	11800	700	5530	8000	2200	4800	9700	100	3920	12200	400	5000
11	7600	200	2860	8000	2200	4740	8400	100	3380	9900	700	4720
12	6900	2100	3120	13800	2000	8040	12000	800	5540	9700	200	4190
13	7800	2200	4020	13300	2100	8090	14500	1000	6430	6300	100	1840
14	12600	2020	4700	12700	2000	6190	11100	400	4980	6500	200	2780
15	12100	2130	5200	13200	2000	6540	9900	500	4560	8400	100	2860
16	12300	2040	5690	14900	2000	7570	10100	800	4780	5700	100	1490
17	11800	1810	5570	11500	800	5950	13400	500	6370	6100	100	2000
18	13000	1910	6580	11700	1300	6440	10700	600	4640	6700	100	2010
19	12700	1920	6430	14400	3500	9110	10700	600	4180	4900	100	1280
20	17100	1860	9830	15100	200	6790	9300	100	3890	4900	100	1230
21	17100	6570	13200	11100	200	3770	10200	400	4630	5800	100	1930
22	16400	2840	10500	13400	1500	6840	10800	500	5520	9500	100	3620
23	16800	1990	9950	14000	700	6730	13500	1500	7060	11300	500	4990
24	16600	1500	8610	13400	1000	6640	13200	1400	6670	10400	600	4910
25	13400	1420	7240	13000	900	6150	11400	1000	5520	8300	400	3380
26	16700	2800	8040	13400	800	6170	12200	1100	5960	7300	200	2560
27	17600	2700	8990	10900	300	3770	12900	2900	7250	6300	100	2280
28	17200	2600	9220	8700	200	2520	12300	1700	7180	9200	500	3200
29	13800	2300	7700	9700	1300	4750	10200	1800	5430	8200	700	3200
30	17700	2900	9350	---	---	---	13200	2600	6460	9900	200	3550
31	17900	6000	12300	---	---	---	12200	3000	6690	6800	300	2610
MONTH	17900	100	6790	17300	200	6490	14500	100	5110	15300	100	3830
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9900	1200	4660	2400	100	604	200	100	133	200	100	121
2	11500	1100	5410	3300	200	1210	500	100	129	100	100	100
3	11500	800	5630	5700	100	2290	200	100	104	1200	100	271
4	12700	500	6230	3800	100	694	100	100	100	2400	100	440
5	16000	2500	9340	1800	100	460	100	100	100	2400	100	387
6	16200	2400	9090	1400	100	352	100	100	100	500	100	179
7	15500	1300	7390	1400	100	342	200	100	106	500	100	156
8	12900	1000	6370	3600	100	840	200	100	110	800	100	181
9	13000	900	6080	3100	100	881	100	100	100	700	100	173
10	12400	900	5720	2700	100	708	200	100	108	600	100	150
11	11200	400	5040	2200	100	475	200	100	108	200	100	125
12	10000	400	3720	500	100	154	200	100	108	400	100	129
13	9100	500	4330	300	100	140	200	100	108	200	100	102
14	9700	400	4400	200	100	127	200	100	112	100	100	102
15	8800	400	3980	200	100	110	100	100	100	200	100	104
16	10600	700	4620	200	100	108	200	100	115	200	100	106
17	14700	3400	9270	200	100	121	200	100	121	200	100	115
18	17800	4500	11500	200	100	108	100	100	102	100	100	100
19	19400	7600	12900	200	100	125	200	100	104	100	100	100
20	17200	5500	11100	200	100	119	200	100	115	200	100	104
21	17100	2900	9690	200	100	119	500	100	144	100	100	100
22	11400	900	5240	700	100	175	200	100	117	100	100	100
23	8800	200	2970	1200	100	285	100	100	100	200	100	106
24	4600	100	1250	700	100	169	100	100	100	200	100	106
25	6800	200	2230	200	100	110	200	100	104	200	100	110
26	8800	100	2320	200	100	125	200	100	104	300	100	119
27	4200	100	1000	200	100	131	200	100	104	400	100	137
28	5100	100	835	200	100	115	200	100	108	2100	100	525
29	---	---	---	200	100	135	200	100	104	4700	100	1780
30	---	---	---	200	100	125	200	100	108	4400	100	1360
31	---	---	---	200	100	112	---	---	---	4700	100	1420
MONTH	19400	100	5800	5700	100	373	500	100	109	4700	100	294

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6100	100	1600	6300	100	2650	600	100	173	4700	100	1390
2	8200	100	2240	6100	100	1700	2300	100	387	2800	100	662
3	11000	100	3200	4200	100	902	2900	100	529	3300	100	702
4	10300	100	3400	2400	100	656	1100	100	325	5200	100	1740
5	9000	100	3010	2300	100	646	300	100	144	5600	100	1960
6	8000	100	2830	1800	100	454	1000	100	175	4800	100	1710
7	10100	100	3370	1600	100	285	3000	100	504	6700	100	2090
8	8900	100	3100	1000	100	271	3400	100	831	6600	100	2520
9	8300	100	2290	4300	100	892	7300	100	2440	5400	100	1840
10	3100	100	765	7100	100	1860	5800	500	2790	6200	100	1850
11	6100	100	1660	5300	100	1560	7900	400	3060	7000	100	1960
12	8800	200	3650	6100	100	1910	8800	200	3570	8200	100	2560
13	6900	100	2800	6700	100	1970	8700	300	3640	10500	100	3790
14	8100	100	2410	8400	100	2190	8500	100	3500	9400	200	4360
15	7500	100	2360	11700	200	3960	8900	100	3420	8400	200	3250
16	8800	100	2960	11000	100	3950	8300	100	3160	7400	100	2690
17	8400	200	2340	7400	100	2260	7700	100	2810	4800	100	1790
18	8300	100	2190	8600	100	2390	6400	100	2310	7100	100	2730
19	9400	100	2590	12100	100	3880	6200	100	2120	9500	100	3730
20	6800	100	2470	8000	100	2620	5500	100	1670	9200	100	3650
21	5600	100	1590	5800	100	2010	5200	100	1420	23100	900	8020
22	3600	100	1100	5800	100	1420	3700	100	900	43000	6300	21400
23	4400	100	1170	2500	100	694	2600	100	640	8900	1400	5220
24	5200	100	1240	1700	100	437	4500	100	850	9100	800	3820
25	4800	100	1420	2600	100	554	6100	100	1790	13800	2200	6370
26	5200	100	1420	3100	100	592	9600	100	4120	8200	200	2920
27	4900	100	975	1800	100	404	10000	200	4470	5000	200	1900
28	4300	100	960	1600	100	254	7100	100	2700	5000	200	2010
29	4800	100	1230	3200	100	617	5300	100	1980	4100	100	1200
30	8200	100	2550	5200	100	1010	4900	100	1520	1300	100	421
31	---	---	---	1400	100	408	3600	100	1050	---	---	---
MONTH	11000	100	2160	12100	100	1460	10000	100	1900	43000	100	3340
YEAR	43000	100	3100									

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
BOTTOM

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	12.0	12.5	10.5	9.0	10.0	19.0	18.0	18.5	23.0	22.5	23.0
2	13.5	12.5	13.0	10.5	9.5	10.0	19.0	18.0	18.5	23.5	23.0	23.0
3	14.5	13.0	13.5	10.5	9.5	10.0	18.5	18.0	18.5	23.5	22.5	23.0
4	14.5	13.5	14.5	10.5	9.5	10.0	19.5	18.5	18.5	23.0	22.5	23.0
5	14.5	14.0	14.0	11.5	10.0	10.5	19.5	19.0	19.0	23.0	22.5	22.5
6	14.5	13.5	14.0	12.5	11.0	11.5	19.0	18.5	19.0	23.0	22.0	22.5
7	15.0	14.0	14.5	12.5	12.0	12.5	19.0	17.5	18.5	23.0	22.0	22.0
8	15.0	14.5	15.0	12.0	10.5	11.5	17.5	17.0	17.5	22.0	21.0	21.5
9	14.5	13.5	14.0	11.0	9.0	10.0	17.5	17.0	17.0	21.5	20.0	20.5
10	13.5	13.0	13.5	9.5	8.0	8.5	17.0	16.0	16.5	20.5	19.0	19.5
11	13.0	13.0	13.0	9.0	8.0	8.5	16.0	14.5	15.0	20.0	18.5	19.0
12	12.5	12.5	12.5	10.0	9.0	9.5	14.5	14.0	14.5	19.0	18.5	19.0
13	13.0	12.5	12.5	10.5	9.5	10.0	14.5	14.0	14.0	19.0	18.0	18.5
14	13.5	13.0	13.5	10.5	10.0	10.5	15.0	14.0	14.5	18.5	18.0	18.0
15	14.5	13.5	14.0	11.5	10.5	11.0	15.0	14.5	15.0	19.0	18.0	18.5
16	15.0	14.0	14.5	13.0	11.5	12.0	16.0	15.0	15.5	19.5	18.5	19.0
17	15.0	14.0	14.5	13.5	12.5	13.0	16.5	15.5	16.0	20.0	19.0	19.5
18	14.0	12.0	13.0	15.0	13.5	14.5	17.0	16.0	16.5	20.5	19.0	19.5
19	12.5	11.0	12.0	16.0	15.0	15.5	18.0	17.0	17.5	20.5	19.5	20.0
20	11.5	11.0	11.5	16.0	15.5	16.0	18.0	17.5	17.5	21.0	20.0	20.5
21	12.5	11.5	12.0	17.0	16.5	16.5	17.5	17.0	17.5	22.0	20.5	21.0
22	12.5	12.0	12.5	17.0	16.0	16.5	17.5	17.0	17.0	22.0	21.0	21.5
23	12.5	11.0	12.0	16.0	15.0	15.5	18.0	17.0	17.5	23.0	21.5	22.0
24	11.5	10.0	10.5	15.0	14.0	14.5	18.5	17.5	18.0	23.0	22.0	22.5
25	10.5	9.5	10.0	14.5	13.5	14.0	19.0	18.0	18.5	24.0	22.5	23.0
26	10.0	9.5	9.5	15.0	14.0	14.5	20.0	19.0	19.5	24.0	23.0	23.5
27	10.0	9.0	9.5	16.0	15.0	15.0	21.0	20.0	20.5	25.0	24.0	24.5
28	10.5	9.0	9.5	16.5	15.5	16.0	21.5	20.5	21.0	25.5	25.0	25.0
29	---	---	---	17.0	16.0	16.5	22.0	21.0	21.5	25.0	25.0	25.0
30	---	---	---	18.0	17.0	17.5	23.0	22.0	22.5	26.0	25.0	25.5
31	---	---	---	19.0	17.5	18.5	---	---	---	27.0	25.5	26.0
MONTH	15.0	9.0	12.7	19.0	8.0	13.0	23.0	14.0	17.5	27.0	18.0	21.5

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.0	26.5	28.5	27.5	28.0	29.0	28.5	29.0	29.5	28.5	29.0
2	28.0	26.5	27.0	28.0	27.5	28.0	29.0	28.5	28.5	29.5	28.5	29.0
3	28.0	26.5	27.5	28.0	27.5	27.5	29.0	28.0	28.5	29.5	28.5	29.0
4	28.0	27.0	27.5	28.0	27.0	27.5	29.0	28.0	28.5	28.5	27.5	28.0
5	28.0	27.5	28.0	28.0	27.0	27.5	29.0	28.0	28.5	27.5	27.0	27.0
6	28.0	27.5	27.5	28.0	26.5	27.0	29.5	28.5	29.0	27.0	26.5	27.0
7	27.5	27.0	27.5	27.5	26.5	27.0	29.5	29.0	29.5	27.0	26.5	27.0
8	27.5	27.0	27.5	28.0	27.0	27.5	29.5	29.0	29.0	27.0	27.0	27.0
9	27.5	27.0	27.0	28.5	27.5	28.0	28.5	27.5	28.0	27.0	26.0	27.0
10	28.0	27.0	27.5	29.0	28.0	28.5	27.5	27.0	27.0	27.0	26.0	27.0
11	27.5	27.5	27.5	29.5	29.0	29.0	27.0	26.0	26.5	27.5	26.0	27.0
12	28.0	27.5	28.0	30.5	29.5	30.0	26.0	26.0	26.0	28.0	26.5	27.0
13	28.5	27.5	28.0	30.5	30.0	30.0	26.5	25.5	26.0	27.5	26.5	27.0
14	29.0	28.0	28.5	30.0	30.0	30.0	26.5	25.5	26.0	27.5	26.5	27.0
15	29.0	28.0	28.5	30.0	29.5	29.5	26.5	25.0	26.0	27.5	26.5	27.0
16	29.0	28.5	28.5	30.0	29.5	29.5	27.0	25.5	26.0	27.5	26.5	27.0
17	28.5	28.0	28.5	30.0	29.5	29.5	27.0	25.5	26.5	27.5	26.5	27.0
18	29.0	28.0	28.5	30.0	29.5	29.5	27.0	25.5	26.5	27.5	26.5	27.0
19	29.0	28.5	28.5	29.5	29.0	29.5	27.0	26.0	26.5	27.0	26.0	26.5
20	29.0	28.5	28.5	29.5	29.0	29.0	27.0	26.0	26.5	26.0	25.5	25.5
21	29.0	28.0	28.5	29.5	28.5	29.0	27.5	26.5	27.0	26.0	25.5	25.5
22	28.5	28.0	28.0	29.5	29.0	29.0	28.0	27.5	27.5	26.0	25.5	25.5
23	28.5	27.5	28.0	29.5	29.0	29.0	29.0	27.5	28.5	26.0	25.5	25.5
24	28.5	27.5	28.0	29.5	28.5	29.0	29.0	28.0	28.5	25.5	24.0	24.5
25	28.0	27.5	28.0	29.5	28.5	29.0	29.0	28.0	28.5	24.0	23.0	23.5
26	28.5	27.5	28.0	29.5	28.0	29.0	29.0	28.5	28.5	23.5	23.0	23.5
27	29.0	28.0	28.5	29.0	28.0	28.5	29.0	28.5	29.0	23.5	23.0	23.0
28	29.5	28.0	28.5	29.5	28.0	28.5	29.0	28.5	29.0	22.5	22.0	22.5
29	29.0	28.0	28.5	30.0	28.5	29.0	29.0	28.5	29.0	23.0	22.0	22.5
30	28.5	28.0	28.0	29.5	28.5	29.0	29.0	28.5	29.0	23.0	23.0	23.0
31	---	---	---	29.5	28.5	29.0	29.0	28.5	29.0	---	---	---
MONTH	29.5	26.0	28.0	30.5	26.5	28.5	29.5	25.0	28.0	29.5	22.0	26.0
YEAR	30.5	6.5	19.5									

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
TOP

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

02110850 WACCAMAW RIVER AT HIGHWAY 17 AT GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.0	26.5	28.5	27.5	28.0	29.0	28.5	29.0	29.5	29.0	29.0
2	28.0	26.5	27.0	28.5	27.5	28.0	29.0	28.5	28.5	30.0	29.0	29.5
3	28.0	26.5	27.5	28.0	27.5	28.0	29.0	28.5	28.5	29.5	28.5	29.0
4	28.5	27.0	28.0	28.0	27.5	27.5	29.0	28.0	28.5	28.5	27.5	28.0
5	28.5	27.5	28.0	28.0	27.0	27.5	29.5	28.5	28.5	28.0	27.0	27.5
6	28.0	27.0	27.5	28.5	27.0	27.5	30.0	28.5	29.0	28.0	27.0	27.5
7	28.0	27.0	27.5	28.5	27.0	27.5	30.5	29.0	29.5	28.5	27.0	27.5
8	28.0	27.0	27.5	29.0	27.5	28.0	29.5	28.5	29.0	28.0	27.0	27.5
9	27.5	27.0	27.0	29.5	28.0	28.5	28.5	27.5	28.0	28.0	27.0	27.5
10	28.0	27.0	27.5	30.5	28.5	29.0	27.5	26.5	27.0	28.5	26.5	27.5
11	29.0	27.0	28.0	31.0	29.0	30.0	27.0	26.0	26.0	28.5	27.0	27.5
12	29.0	27.5	28.0	31.5	29.5	30.5	27.0	25.5	26.0	28.5	27.0	27.5
13	29.0	27.5	28.5	31.5	30.0	31.0	27.5	25.5	26.0	28.0	27.0	27.5
14	29.5	28.0	28.5	31.0	30.0	30.5	26.5	25.5	26.0	28.0	27.0	27.5
15	25.0	28.5	29.0	30.5	29.5	30.0	26.5	25.0	26.0	28.5	27.0	27.5
16	25.0	28.5	29.0	30.5	29.5	30.0	27.0	25.5	26.0	28.5	27.5	27.5
17	24.5	28.5	28.5	30.0	29.5	30.0	27.5	26.0	26.5	28.0	27.5	27.5
18	24.5	28.5	29.0	30.0	29.5	30.0	27.0	26.0	26.5	28.0	27.0	27.5
19	23.5	29.0	29.0	30.0	29.5	29.5	27.0	26.0	26.5	27.0	26.5	27.0
20	23.0	28.5	29.0	30.0	29.0	29.5	27.5	26.0	26.5	26.5	25.5	26.5
21	22.0	28.5	29.0	30.0	29.0	29.0	28.5	27.0	27.5	26.5	26.0	26.5
22	21.0	28.0	28.5	30.0	29.0	29.5	29.0	27.5	28.0	26.5	25.5	26.0
23	20.0	28.0	28.5	29.5	29.0	29.5	29.5	28.0	28.5	26.5	26.0	26.0
24	19.5	28.0	28.5	30.5	29.0	29.5	29.0	28.5	28.5	26.0	24.0	25.0
25	19.5	28.0	28.5	30.0	28.5	29.0	29.5	28.0	28.5	24.5	23.0	23.5
26	30.0	28.0	28.5	30.0	28.0	29.0	29.5	28.0	29.0	24.5	23.5	24.0
27	30.0	28.0	29.0	29.0	28.0	28.5	29.5	28.5	29.0	23.5	23.0	23.5
28	30.5	28.5	29.0	29.5	28.0	28.5	29.0	28.5	29.0	23.0	22.0	22.5
29	29.0	28.5	29.0	30.0	28.5	29.0	29.0	28.5	29.0	23.5	22.5	23.0
30	29.0	28.0	28.5	29.5	29.0	29.0	29.0	28.5	29.0	23.5	23.5	23.5
31	---	---	---	29.5	28.5	29.0	29.5	28.5	29.0	---	---	---
MONTH	30.5	26.0	28.5	31.5	27.0	29.0	30.5	25.0	28.0	30.0	22.0	26.5
YEAR	31.5	6.0	20.0									

02129590 WHITES CREEK NEAR WALLACE, SC

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

DRAINAGE AREA.--26.4 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.--10 years, 29.2 ft^3/s, 15.02 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 799 ft^3/s, Mar. 3, 1987, gage height, 6.96 ft (from maximum indicator); minimum, 0.04 ft^3/s, Oct. 20, 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 177 ft^3/s, Mar. 25, gage height, 3.95 ft; minimum, .56 ft^3/s, Oct. 3, gage height, 1.25 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	44	17	23	16	58	34	30	5.0	11	14	16
2	.90	48	16	27	15	61	32	33	4.8	15	14	16
3	1.1	66	14	31	15	60	31	40	4.6	13	16	15
4	12	49	14	30	15	59	29	48	4.8	10	16	11
5	36	32	14	24	15	57	29	46	5.0	9.4	14	8.1
6	83	26	14	22	17	58	44	41	18	9.3	9.8	7.3
7	38	22	14	21	18	67	51	35	28	11	7.3	6.8
8	16	21	14	18	19	68	57	32	41	9.8	5.8	6.0
9	11	19	14	20	18	73	71	28	44	8.5	5.4	5.7
10	8.6	18	14	22	17	62	81	32	44	7.2	5.3	5.5
11	8.0	17	14	22	16	54	74	38	45	6.0	5.3	5.3
12	7.6	16	14	24	15	50	72	42	45	5.2	5.3	5.3
13	7.3	15	14	27	15	43	67	42	41	4.9	5.4	5.3
14	7.6	15	14	28	15	38	59	36	31	4.9	7.7	5.3
15	8.0	15	14	28	15	35	55	27	14	4.9	12	5.2
16	8.8	15	14	27	16	34	73	23	15	4.9	20	5.2
17	9.4	25	14	24	15	33	100	20	23	13	20	7.6
18	11	32	14	22	22	32	91	19	32	22	21	9.2
19	16	35	14	20	28	35	81	17	37	30	21	11
20	16	37	13	19	32	32	73	14	37	35	27	10
21	17	27	14	18	46	31	75	13	39	33	29	9.0
22	19	21	14	17	56	36	76	12	43	35	24	19
23	18	19	14	17	63	57	73	13	49	42	15	17
24	17	19	14	17	65	120	68	11	51	49	15	16
25	17	17	14	17	52	157	62	9.8	50	48	12	21
26	16	17	14	17	44	148	54	9.4	47	45	8.8	35
27	15	17	13	16	41	127	44	8.9	42	40	8.1	41
28	17	17	13	16	52	85	35	8.0	33	32	14	43
29	19	16	13	16	---	51	31	7.0	17	22	19	43
30	20	17	13	16	---	41	31	6.0	10	18	18	41
31	23	---	16	16	---	38	---	5.4	---	15	17	---
TOTAL	506.10	754	436	662	773	1900	1753	746.5	900.2	614.0	432.2	451.8
MEAN	16.3	25.1	14.1	21.4	27.6	61.3	58.4	24.1	30.0	19.8	13.9	15.1
MAX	83	66	17	31	65	157	100	48	51	49	29	43
MIN	.90	15	13	16	15	31	29	5.4	4.6	4.9	5.3	5.2

CAL YR 1988 TOTAL 7125.78 MEAN 19.5 MAX 84 MIN .51
WTR YR 1989 TOTAL 9928.80 MEAN 27.2 MAX 157 MIN .90

02130900 BLACK CREEK NEAR MCBEE, SC

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

DRAINAGE AREA.--108 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 December 22, 1959, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--30 years, 141 ft^3/s, 19.74 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 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)
Mar. 26	1400	*710	*9.57	May 4	1200	609	9.33

Minimum discharge, 46 ft^3/s, Sept. 14, gage height, 4.27 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	154	113	134	85	225	165	125	58	80	128	95
2	48	189	105	166	85	224	156	175	56	72	113	78
3	74	194	99	186	83	267	149	222	55	65	104	72
4	226	232	96	204	84	314	151	538	52	65	90	67
5	212	238	94	168	83	270	154	442	51	84	76	62
6	193	177	91	139	94	290	194	345	65	110	66	62
7	222	135	90	127	103	384	217	265	80	137	59	62
8	212	124	91	121	101	295	235	250	86	153	55	62
9	109	104	91	128	94	241	279	258	118	140	52	59
10	80	92	90	142	87	226	293	242	132	99	53	58
11	70	85	90	149	84	221	301	222	121	69	56	67
12	64	83	90	149	83	191	292	238	93	58	59	106
13	59	81	89	140	81	167	255	272	77	53	61	65
14	55	82	89	137	80	151	216	238	64	50	61	57
15	55	82	89	136	80	143	248	180	58	51	76	56
16	55	83	89	129	79	138	327	161	69	63	106	54
17	55	102	87	117	77	133	375	150	116	95	133	58
18	54	127	86	112	79	129	472	136	138	150	109	68
19	56	142	86	103	96	128	399	119	116	160	220	63
20	62	150	86	100	109	131	290	109	92	183	173	57
21	64	121	85	99	151	142	241	101	122	251	115	58
22	59	105	86	95	217	147	243	96	222	288	86	167
23	60	102	87	94	244	179	255	91	228	350	71	199
24	60	119	88	92	315	275	226	84	284	374	63	188
25	57	129	89	90	365	318	193	81	439	320	70	196
26	52	128	87	88	295	611	173	83	292	241	68	416
27	51	122	84	88	234	504	161	73	131	141	64	386
28	57	112	83	87	223	352	145	68	92	132	67	271
29	65	115	82	85	---	260	130	64	77	146	88	222
30	63	117	84	85	---	218	120	61	74	163	118	210
31	65	---	85	86	---	185	---	58	---	160	123	---
TOTAL	2661	3826	2781	3776	3791	7459	7055	5547	3658	4503	2783	3641
MEAN	85.8	128	89.7	122	135	241	235	179	122	145	89.8	121
MAX	226	238	113	204	365	611	472	538	439	374	220	416
MIN	47	81	82	85	77	128	120	58	51	50	52	54

CAL YR 1988 TOTAL 37333 MEAN 102 MAX 277 MIN 25
WTR YR 1989 TOTAL 51481 MEAN 141 MAX 611 MIN 47

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.--Records good, except for Sept. 21 - 30, which are poor. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--29 years, 225 ft^3/s, 17.66 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, 605 ft^3/s, Mar. 28, gage height, 7.20 ft, maximum gage height, April 20, 7.22 ft; minimum, 84 ft^3/s, June 5, gage height, 2.71 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110	165	174	152	134	341	336	215	99	172	296	138
2	107	186	171	161	135	332	295	227	96	155	284	137
3	112	209	163	178	134	402	271	223	94	141	252	138
4	170	234	163	198	136	448	254	246	91	133	206	133
5	199	271	155	197	137	440	252	350	94	140	180	126
6	216	294	151	203	140	398	282	462	98	137	207	123
7	224	287	148	208	141	382	293	434	96	141	205	122
8	231	270	147	199	144	412	305	357	99	142	122	119
9	237	254	148	208	143	411	336	338	131	147	106	117
10	217	231	145	209	137	387	369	369	150	144	101	116
11	188	220	144	205	134	362	415	350	150	137	96	119
12	173	194	142	202	132	347	381	324	144	127	94	122
13	154	181	138	211	130	326	379	316	138	119	94	126
14	139	176	135	206	128	297	365	316	127	130	95	123
15	132	169	135	199	128	276	421	313	118	127	99	119
16	128	163	136	196	132	267	478	291	126	102	108	115
17	125	174	136	186	132	249	461	262	144	106	135	114
18	123	178	133	179	135	234	475	239	152	114	143	111
19	132	179	131	173	132	230	517	218	151	124	157	110
20	130	180	131	169	135	214	529	194	152	139	185	106
21	128	197	132	162	160	207	439	180	152	169	189	112
22	129	189	135	156	199	219	348	166	183	237	177	232
23	124	188	134	153	236	255	342	155	205	300	165	238
24	122	185	134	145	268	307	339	146	225	341	158	215
25	121	179	138	143	283	334	328	133	256	366	147	230
26	120	179	136	140	307	385	308	127	293	365	139	264
27	119	179	135	141	329	560	286	125	288	346	133	306
28	121	188	134	139	345	585	265	118	253	303	128	323
29	125	183	137	136	---	558	243	110	227	270	127	319
30	126	176	135	135	---	496	229	105	202	284	129	317
31	131	---	137	136	---	389	---	101	---	300	137	---
TOTAL	4613	6058	4413	5425	4826	11050	10541	7510	4734	5958	4794	4990
MEAN	149	202	142	175	172	356	351	242	158	192	155	166
MAX	237	294	174	211	345	585	529	462	293	366	296	323
MIN	107	163	131	135	128	207	229	101	91	102	94	106

CAL YR 1988 TOTAL 58967 MEAN 161 MAX 341 MIN 36
WTR YR 1989 TOTAL 74912 MEAN 205 MAX 585 MIN 91

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 and data collection platform. 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.--Records good, except for estimated daily discharges: Aug. 26 - 28, which are fair. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft^3.

AVERAGE DISCHARGE.--51 years, 9,793 ft^3/s, 15.06 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, 47,500 ft^3/s, Mar. 30, gage height, 24.45 ft; minimum, 1530 ft^3/s, Oct. 18, gage height, 2.07 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6470	2780	8610	7230	5000	24100	42200	4580	4210	7970	7140	10300
2	5890	6430	9360	7030	4980	25100	36500	8520	5840	8110	7290	9850
3	4540	10900	9800	6150	5470	27300	30800	15000	6880	6710	9600	9440
4	3910	12000	9770	7970	5590	29600	25800	18900	6190	6630	10700	8070
5	6800	11700	7770	9580	4850	32100	21900	21000	3200	7890	11200	8500
6	11300	10800	6890	8650	3190	34200	19400	24100	2420	8720	11100	9180
7	11800	8320	8210	6440	3420	36200	17600	26300	5860	9070	10600	9470
8	10600	6270	8430	7320	4070	36700	16500	27500	7710	9170	8510	8160
9	7220	5470	7380	6140	5040	36700	16100	28700	6010	9100	6850	5720
10	6220	4650	7920	4290	5590	36200	16900	29700	6050	8960	5950	6830
11	5210	6320	6450	7520	4570	35200	18600	29900	6710	9230	6380	5170
12	4370	7170	3200	6830	3750	32800	19400	30100	6900	9740	5270	3490
13	3990	6240	3450	6390	2260	28800	19300	31000	7680	9980	4890	3800
14	4840	3470	5920	7200	2310	24700	18300	31700	8060	9880	5500	5400
15	7560	4070	6080	8790	4190	21200	17100	30500	7640	8010	4120	6280
16	4910	4270	5060	9550	4840	18500	16800	27100	7530	8540	7470	7000
17	2250	4590	3590	10200	5580	16200	17300	23400	8000	9570	8510	7220
18	1620	5600	5910	10600	5510	14900	18000	20300	8660	10100	7730	4090
19	2060	7450	4050	10500	6130	14200	18100	17900	9270	11400	6590	4250
20	4250	6120	4370	9690	4510	13700	17400	16000	9070	13600	8770	7230
21	5360	6030	4940	8210	5290	13200	17000	13100	8820	13700	7990	7670
22	6170	5700	2830	6560	10000	12900	17800	8940	9160	13400	6740	7920
23	5820	5490	2900	3930	16500	13000	18000	8510	12100	14000	6140	8840
24	3640	3840	3410	4300	19500	14700	16500	9990	14800	14500	6720	11700
25	3430	4170	3000	5040	21000	18600	15000	8690	15000	14400	7190	14500
26	3010	2960	2450	4610	23000	21400	13700	7100	14100	13200	8890	15000
27	4900	3130	2070	5510	24700	25400	12000	5870	13200	11200	7500	15300
28	4700	4240	3730	5680	24500	30700	11300	3290	12300	10600	6300	16500
29	5960	5890	3960	4390	---	39100	9820	2270	11100	10700	7660	16900
30	5450	6900	4550	3200	---	46200	6870	2420	8870	9600	9250	16400
31	3690	---	4860	2590	---	46500	---	2440	---	9010	9830	---
TOTAL	167940	182970	170920	212090	235340	820100	561990	534820	253340	316690	238380	270180
MEAN	5417	6099	5514	6842	8405	26450	18730	17250	8445	10220	7690	9006
MAX	11800	12000	9800	10600	24700	46500	42200	31700	15000	14500	11200	16900
MIN	1620	2780	2070	2590	2260	12900	6870	2270	2420	6630	4120	3490

CAL YR 1988 TOTAL 2263330 MEAN 6184 MAX 20100 MIN 1270
WTR YR 1989 TOTAL 3964760 MEAN 10860 MAX 46500 MIN 1620

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (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 TOTAL (MG/L AS CACO3)
NOV												
16...	1515	4130	130	7.20	14.5	9.2	762	9.2	90	K33	K99	25
JAN												
27...	1330	5460	120	7.10	11.0	7.7	760	10.7	97	K40	210	25
MAR												
21...	1600	13200	100	7.30	13.5	12	758	9.2	89	K56	K21	22
MAY												
26...	1645	7050	102	6.80	24.5	7.2	758	6.7	81	K99	1800	24
JUL												
28...	0930	10500	85	6.90	28.0	14	759	5.7	73	K22	210	20
SEP												
28...	0915	16400	93	7.00	21.0	27	769	6.8	76	450	850	18

DATE	HARD-NESS NONCARB WH WAT TOT FLD 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)	SODIUM PERCENT	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)
NOV											
16...	0	5.4	2.7	15	53	1	3.3	26	16	13	0.20
JAN											
27...	0	5.7	2.5	15	54	1	2.6	26	15	12	0.10
MAR											
21...	2	5.1	2.3	9.9	46	0.9	2.4	20	18	8.9	0.10
MAY											
26...	0	5.4	2.5	10	45	0.9	2.4	25	11	7.9	0.10
JUL											
28...	0	4.7	2.1	9.3	46	0.9	2.7	21	9.0	13	0.20
SEP											
28...	0	3.8	2.0	8.4	45	0.9	3.6	22	7.0	6.8	0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, 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 DIS-SOLVED (MG/L AS P)
NOV											
16...	9.9	83	84	0.11	926	0.510	0.050	0.06	0.50	0.090	0.050
JAN											
27...	10	81	81	0.11	1190	0.460	0.040	0.05	0.40	0.070	0.040
MAR											
21...	9.9	76	72	0.10	2710	0.670	0.060	0.08	0.40	0.080	0.050
MAY											
26...	11	55	69	0.07	1050	0.580	0.040	0.05	0.50	0.070	0.060
JUL											
28...	9.4	66	66	0.09	1870	0.530	0.020	0.03	0.40	0.100	0.070
SEP											
28...	10	55	55	0.07	2440	0.110	0.020	0.03	0.50	0.110	0.030

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DATE	PHOS-PHOROUS 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...	0.040	0.12	40	<1	39	<0.5	1	<1	<3	3	250
JAN											
27...	0.030	0.09	30	<1	77	<0.5	<1	<1	<3	3	73
MAR											
21...	0.020	0.06	--	--	--	--	--	--	--	--	--
MAY											
26...	0.050	0.15	60	<1	68	<0.5	<1	<1	<3	2	260
JUL											
28...	0.050	0.15	60	<1	58	<0.5	<1	<1	<3	3	320
SEP											
28...	0.030	0.09	--	--	--	--	--	--	--	--	--

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)	URANIUM NATURAL DIS-SOLVED (UG/L AS U)	VANA-DIUM, DIS-SOLVED (UG/L AS V)
NOV											
16...	<5	<4	18	--	<10	2	<1	<1.0	46	0.01	<6
JAN											
27...	<5	<4	16	0.1	<10	4	<1	1.0	47	0.01	<6
MAY											
26...	<1	<4	38	0.4	<10	3	<1	<1.0	47	--	<6
JUL											
28...	1	<4	16	<0.1	<10	3	<1	<1.0	40	--	<6

DATE	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	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)
NOV											
16...	12	8	89	96	<0.4	0.5	3.5	3.0	0.5	0.5	0.05
JAN											
27...	38	7	103	100	0.4	0.5	3.2	2.8	0.5	0.5	0.03
MAR											
21...	--	20	713	100	--	--	--	--	--	--	--
MAY											
26...	26	27	514	93	--	--	--	--	--	--	--
JUL											
28...	34	30	850	100	--	--	--	--	--	--	--
SEP											
28...	--	60	2660	98	--	--	--	--	--	--	--

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.

AVERAGE DISCHARGE.--22 years, 27.1 ft^3/s, 13.43 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 greater than base discharge of 250 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 24	unknown	*227	*5.14				

Minimum discharge, 0.74 ft^3/s, July 14 - 15, gage height, 0.59 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	11	13	12	11	31	35	21	6.0	2.1	2.9	11
2	13	14	12	13	11	27	32	45	5.5	1.9	2.5	9.4
3	12	13	11	15	10	41	29	40	5.0	2.0	2.1	26
4	32	11	11	21	9.8	58	27	28	4.8	1.8	1.8	28
5	27	12	10	20	9.7	69	29	25	4.6	2.6	1.6	24
6	20	17	9.6	18	11	72	129	48	5.7	2.4	1.4	36
7	17	15	9.8	17	12	68	103	42	9.2	1.7	1.3	26
8	14	14	9.7	17	12	62	82	29	10	1.9	2.0	17
9	13	13	11	16	11	57	113	24	8.0	1.3	1.7	14
10	12	12	10	17	10	50	134	60	7.0	1.0	1.9	11
11	11	13	9.8	19	9.8	45	185	98	6.0	.94	1.8	9.7
12	10	10	9.7	20	9.8	40	147	60	5.3	.86	1.7	8.5
13	8.8	10	9.8	21	9.3	35	100	40	4.8	.81	1.4	8.5
14	8.3	11	9.3	21	8.8	31	72	30	4.3	.78	10	6.8
15	8.0	9.7	9.6	23	8.9	28	101	36	4.1	1.1	8.8	6.5
16	7.8	9.2	10	23	8.8	25	146	31	3.9	1.5	5.6	5.8
17	11	12	11	21	8.5	26	103	24	6.5	1.3	4.8	22
18	8.1	10	10	19	9.6	28	75	20	5.9	1.4	4.1	26
19	9.0	11	10	18	11	34	56	17	5.2	1.5	10	18
20	9.8	12	10	17	11	45	54	16	5.6	2.6	7.3	14
21	11	11	11	16	20	77	55	15	6.0	4.9	6.5	11
22	13	9.8	11	15	35	100	43	13	5.0	6.8	5.3	35
23	13	11	11	14	35	150	36	12	4.8	9.4	4.7	50
24	12	11	10	14	41	200	32	11	4.1	7.0	13	40
25	12	12	9.8	13	40	160	38	9.9	3.7	5.3	8.9	33
26	8.5	11	9.4	13	39	120	28	9.5	4.0	4.3	6.6	33
27	8.4	10	9.3	13	35	92	24	8.7	3.3	3.9	6.0	37
28	8.2	11	9.5	12	32	70	23	7.6	2.8	3.7	12	34
29	8.8	16	8.4	12	---	54	21	7.0	2.5	2.7	9.2	27
30	10	15	8.3	12	---	45	20	6.7	2.4	2.3	7.7	24
31	9.0	---	8.9	12	---	40	---	6.4	---	2.3	13	---
TOTAL	377.7	357.7	312.9	514	480.0	1980	2072	840.8	156.0	84.09	167.6	652.2
MEAN	12.2	11.9	10.1	16.6	17.1	63.9	69.1	27.1	5.20	2.71	5.41	21.7
MAX	32	17	13	23	41	200	185	98	10	9.4	13	50
MIN	7.8	9.2	8.3	12	8.5	25	20	6.4	2.4	.78	1.3	5.8

CAL YR 1988 TOTAL 7489.72 MEAN 20.5 MAX 147 MIN .84
WTR YR 1989 TOTAL 7994.99 MEAN 21.9 MAX 200 MIN .78

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 mi^2.

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.--Records good, except for Sept. 22 - 30, which are fair.

AVERAGE DISCHARGE.--13 years, 23.8 ft^3/s, 13.30 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 ft^3/s, Feb. 24, 1979, gage height, 7.89 ft; no flow for many days in 1983, 1986, 1987, and 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 24	0845	698	6.44	Apr. 15	2100	403	5.42
May 02	0426	*916	*6.95				

Minimum daily, 2.5 ft^3/s, June 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.8	114	19	37	12	74	39	247	4.1	8.2	18	11
2	4.9	47	17	27	11	47	36	565	3.5	6.2	16	8.3
3	11	29	17	25	10	130	35	109	2.9	5.4	12	7.0
4	136	24	17	24	10	115	34	67	3.1	8.4	11	5.7
5	44	35	15	19	13	74	35	63	9.8	53	9.5	5.1
6	26	33	15	19	18	70	63	66	14	28	11	5.5
7	19	25	15	19	15	102	69	47	11	35	8.2	5.5
8	15	21	15	18	12	53	69	40	11	23	7.5	5.1
9	13	20	14	24	11	46	82	48	24	15	7.0	6.1
10	12	20	13	28	9.6	40	54	93	18	7.6	7.4	4.4
11	12	19	13	24	9.7	36	52	55	7.9	5.5	7.5	3.8
12	9.9	17	13	22	9.6	33	40	44	5.5	4.9	7.5	5.1
13	8.0	17	13	25	8.7	31	35	38	4.0	4.5	7.2	7.5
14	8.2	17	13	22	8.4	30	33	32	3.0	4.0	7.0	5.2
15	8.4	16	13	23	8.5	28	226	36	2.5	4.1	7.8	4.4
16	8.0	15	12	23	8.0	28	159	29	4.5	13	7.6	20
17	7.7	33	12	20	7.7	26	70	25	14	83	7.5	12
18	7.0	28	11	19	15	25	54	22	11	50	11	6.7
19	8.5	23	11	18	15	28	47	21	6.8	27	13	5.4
20	8.9	21	11	18	26	24	56	19	25	58	8.8	5.2
21	10	20	12	16	119	26	44	16	46	103	7.6	6.8
22	15	18	12	15	120	33	38	16	102	123	7.6	136
23	12	23	13	16	62	176	35	14	67	50	7.4	90
24	9.5	29	12	15	53	546	33	11	42	29	7.0	14
25	8.1	23	12	14	43	143	32	9.4	31	21	7.0	11
26	7.1	20	12	13	40	79	28	8.2	18	18	7.0	22
27	7.1	19	11	13	42	60	24	7.1	12	35	8.3	8.1
28	11	26	12	12	114	52	20	5.9	8.0	28	24	3.6
29	12	24	11	11	---	47	20	5.1	11	19	19	2.7
30	9.9	20	11	13	---	44	29	4.7	14	21	18	4.0
31	18	---	16	13	---	47	---	4.4	---	20	23	---
TOTAL	492.0	796	413	605	831.2	2293	1591	1767.8	536.6	910.8	328.4	437.2
MEAN	15.9	26.5	13.3	19.5	29.7	74.0	53.0	57.0	17.9	29.4	10.6	14.6
MAX	136	114	19	37	120	546	226	565	102	123	24	136
MIN	4.8	15	11	11	7.7	24	20	4.4	2.5	4.0	7.0	2.7

CAL YR 1988 TOTAL 5979.63 MEAN 16.3 MAX 146 MIN .00
WTR YR 1989 TOTAL 11002.0 MEAN 30.1 MAX 565 MIN 2.5

02131472 HANGING ROCK CREEK NEAR KERSHAW, SC

LOCATION.--Lat 34°30'58'', long 80°34'59'', Lancaster County, Hydrologic Unit 03040202, on right side, on downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--23.9 mi^2.

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.--Records fair, except for estimated daily discharges: Oct. 1-22, Dec. 2 to Jan. 12, and May 31 to June 16, which are poor. Some possible regulation by Kershaw City Reservior located about 1 mile upstream.

AVERAGE DISCHARGE.--9 years, 22.8 ft^3/s, 12.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 918 ft^3/s, Aug. 18, 1985, gage height 9.43 ft; minimum daily, 0.13 ft^3/s, July 10, 21, 30, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 989 ft^3/s, Sept. 22, gage height, 8.42; minimum daily, 6.6 ft^3/s, Oct. 18, 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.5	92	15	55	13	80	37	188	13	11	25	14
2	7.7	35	14	26	13	47	36	259	12	9.0	64	11
3	18	21	13	27	13	110	35	72	11	8.4	28	10
4	66	18	13	26	12	89	35	50	10	19	21	9.5
5	23	21	13	18	12	62	35	47	14	31	18	9.2
6	14	21	13	19	19	116	43	55	20	16	16	9.8
7	11	17	12	19	16	154	49	46	13	14	15	11
8	10	15	12	17	14	68	55	45	12	12	14	10
9	9.4	14	12	24	12	53	76	45	31	9.6	13	9.6
10	8.8	14	12	26	10	43	53	62	17	8.1	12	9.2
11	8.6	13	12	23	9.0	36	50	45	12	6.8	11	8.6
12	8.0	13	11	23	9.8	32	45	44	10	8.7	11	9.2
13	7.2	12	11	25	9.0	28	44	40	8.7	15	13	14
14	6.8	12	11	24	8.5	27	44	35	7.6	11	16	10
15	6.7	12	11	24	9.0	26	258	32	6.9	45	15	9.3
16	6.8	12	11	22	8.5	25	147	29	9.6	35	23	19
17	6.9	28	11	19	8.0	23	77	27	17	183	24	14
18	6.6	22	10	18	10	23	59	27	13	78	18	10
19	8.8	16	10	18	15	23	53	26	11	38	15	9.2
20	8.6	15	10	17	18	22	98	25	19	64	12	9.1
21	8.6	14	11	16	60	23	61	24	21	117	9.5	9.9
22	9.8	13	11	15	140	29	53	23	20	125	9.0	661
23	8.5	17	11	15	80	188	51	22	15	59	8.6	166
24	7.5	21	11	15	60	421	50	21	21	33	8.4	54
25	7.0	17	11	14	45	118	49	20	16	25	8.2	46
26	6.6	15	10	14	40	70	48	18	12	20	8.0	50
27	6.8	15	9.9	14	35	52	48	17	9.9	86	9.5	43
28	8.6	20	10	14	130	46	48	16	9.8	60	12	35
29	9.1	18	11	13	---	42	47	15	22	33	14	32
30	7.8	16	10	14	---	40	47	14	14	25	16	35
31	15	---	12	14	---	39	---	13	---	22	19	---
TOTAL	345.7	589	354.9	628	828.8	2155	1831	1402	428.5	1227.6	506.2	1347.6
MEAN	11.2	19.6	11.4	20.3	29.6	69.5	61.0	45.2	14.3	39.6	16.3	44.9
MAX	66	92	15	55	140	421	258	259	31	183	64	661
MIN	6.6	12	9.9	13	8.0	22	35	13	6.9	6.8	8.0	8.6

CAL YR 1988 TOTAL 5724.35 MEAN 15.6 MAX 236 MIN .53
WTR YR 1989 TOTAL 11644.3 MEAN 31.9 MAX 661 MIN 6.6

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

LOCATION.--Lat 34°03'05'', long 79°45'15'', Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1.0 mi south of Effingham, and at mile 43.4.

DRAINAGE AREA.--1,030 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 and data collection platform. Datum of gage is 58.49 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Dec. 1 - 5, Dec. 17 to Jan. 4, Jan. 25, 26, July 1, 2, which are fair.

AVERAGE DISCHARGE.--60 years, 1,031 ft^3/s, 13.59 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, 5,820 ft^3/s, Mar. 31, gage height, 14.39 ft; minimum daily, 339 ft^3/s, June 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	719	358	630	450	553	1530	5040	1170	399	825	1460	1050
2	628	387	600	458	544	2000	3940	1110	377	608	1200	985
3	552	403	600	462	537	2490	2990	1050	357	561	1140	868
4	515	443	620	547	531	2500	2340	988	354	628	1070	803
5	535	535	610	617	524	2280	1900	1030	339	646	1030	792
6	602	649	569	729	520	2090	1660	1220	340	609	962	738
7	747	760	540	849	526	2090	1430	1360	355	579	853	699
8	900	881	520	925	532	2370	1300	1660	412	525	713	652
9	968	1000	506	931	540	2970	1400	2870	386	556	674	622
10	1040	1080	494	876	567	3330	1590	3200	428	640	625	571
11	1070	1060	486	799	585	3730	2040	2870	462	712	553	516
12	905	916	479	753	580	3730	2410	2530	488	687	490	473
13	647	745	478	746	553	3350	2710	2310	533	565	453	435
14	523	640	473	771	529	2940	2850	2170	585	476	592	402
15	470	588	473	828	512	2580	2870	2130	581	418	1030	401
16	438	561	474	871	497	2290	2950	2160	479	420	760	420
17	403	539	484	868	480	2040	2930	2090	470	464	585	431
18	376	526	481	847	471	1740	2780	2020	559	544	519	430
19	367	519	481	836	472	1530	2540	1780	451	634	661	390
20	384	516	479	820	474	1350	2390	1430	571	852	979	368
21	391	539	473	787	496	1230	2490	1120	676	1270	1240	385
22	390	582	466	734	569	1160	3620	928	719	1340	1330	610
23	391	630	458	682	631	1280	4250	797	820	1730	1250	824
24	403	640	454	649	751	1710	3790	706	1000	1980	1240	845
25	402	607	450	624	902	1870	3080	649	1410	2380	1320	897
26	392	575	450	603	1060	2120	2520	606	1590	2710	1390	1050
27	391	568	452	592	1220	2250	2150	565	1450	2540	1220	1160
28	386	594	458	586	1360	2210	1860	527	1320	2420	837	1190
29	372	631	456	576	---	2320	1590	486	1180	2390	896	1220
30	356	644	450	567	---	4320	1350	449	994	2250	966	1250
31	347	---	441	561	---	5700	---	422	---	1920	942	---
TOTAL	17010	19116	15485	21944	17516	75100	76760	44403	20085	34879	28980	21477
MEAN	549	637	500	708	626	2423	2559	1432	669	1125	935	716
MAX	1070	1080	630	931	1360	5700	5040	3200	1590	2710	1460	1250
MIN	347	358	441	450	471	1160	1300	422	339	418	453	368

CAL YR 1988 TOTAL 273135 MEAN 746 MAX 2390 MIN 120
WTR YR 1989 TOTAL 392755 MEAN 1076 MAX 5700 MIN 339

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (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 TOTAL (MG/L AS CACO3)
NOV												
17	0830	541	85	7.00	14.5	3.2	760	8.3	82	140	780	14
JAN												
30	1330	566	115	7.00	11.5	3.2	756	9.8	91	K40	270	14
MAR												
22	0800	1160	90	6.90	15.5	1.7	763	7.7	77	K62	780	16
MAY												
27	0930	566	102	7.00	24.0	1.7	761	6.4	76	K160	320	14
JUL												
28	1215	2410	53	6.40	25.0	3.3	758	5.3	65	260	380	14
SEP												
28	1300	1190	115	6.70	19.5	2.4	768	0.4	4	2100	5600	27

DATE	HARD-NESS NONCARB WH WAT TOT FLD 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)	SODIUM PERCENT	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												
17	0	3.0	1.5	11	60	1	1.8	16	18	10	0.10	8.7
JAN												
30	0	3.1	1.4	19	73	2	1.4	19	15	13	0.10	6.5
MAR												
22	4	3.9	1.5	14	62	2	2.0	12	14	14	0.10	2.6
MAY												
27	0	3.2	1.5	16	68	2	1.5	20	13	10	0.10	7.4
JUL												
28	4	3.5	1.2	5.3	42	0.6	1.6	10	13	5.2	0.10	8.7
SEP												
28	2	6.8	2.4	9.5	38	0.8	5.0	25	7.0	10	0.10	8.4

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-PHOROUS TOTAL (MG/L AS P)	PHOS-PHOROUS DIS-SOLVED (MG/L AS P)	PHOS-PHOROUS ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
NOV												
17	68	65	0.09	99.3	0.140	0.050	0.06	0.70	0.030	0.030	0.020	0.06
JAN												
30	75	73	0.10	115	0.200	0.070	0.09	0.40	0.050	0.030	0.020	0.06
MAR												
22	84	60	0.11	263	0.170	0.040	0.05	0.50	0.040	0.030	0.010	0.03
MAY												
27	69	68	0.09	105	0.340	0.030	0.04	0.50	0.060	0.050	0.050	0.15
JUL												
28	63	46	0.09	410	<0.100	0.030	0.04	0.70	0.040	0.020	0.020	0.06
SEP												
28	91	64	0.12	292	<0.100	0.030	0.04	1.4	0.130	0.020	0.020	0.06

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--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)	MANGANESE, DISSOLVED (UG/L AS MN)
NOV												
17...	60	<1	35	<0.5	1	<1	<3	3	680	<5	<4	27
JAN												
30...	60	<1	34	<0.5	1	<1	<3	6	530	<5	<4	18
MAY												
27...	60	<1	45	<0.5	<1	<1	<3	2	1000	2	<4	35
JUL												
28...	150	<1	64	<0.5	<1	<1	<3	3	720	1	<4	36

DATE	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											
17...	--	<10	1	<1	<1.0	21	<6	16	3	4.4	97
JAN											
30...	0.2	<10	<1	<1	<1.0	20	<6	14	2	3.1	100
MAR											
22...	--	--	--	--	--	--	--	--	7	22	100
MAY											
27...	0.1	<10	2	<1	<1.0	23	<6	22	7	11	74
JUL											
28...	0.2	<10	1	<1	<1.0	25	<6	40	8	52	100
SEP											
28...	--	--	--	--	--	--	--	--	13	42	95

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

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

AVERAGE DISCHARGE.--48 years, 3,178 ft^3/s, 15.47 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, 8,920 ft^3/s, Apr. 17, gage height, 10.19 ft; minimum, 699 ft^3/s, Sept. 21, gage height, 4.48 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2460	812	1210	876	1500	2630	7700	4580	1500	1570	3850	1820
2	2460	820	1220	891	1420	2790	7280	4400	1300	1570	3800	1890
3	2490	818	1220	944	1360	2970	6880	4200	1150	1600	3690	1940
4	2620	815	1210	1030	1300	3070	6510	4090	1030	1640	3560	1940
5	2680	828	1200	1090	1250	3170	6220	4020	905	1640	3370	1880
6	2570	843	1190	1160	1210	3260	6050	4050	829	1640	3140	1770
7	2410	865	1170	1220	1180	3420	5780	4170	966	1600	2920	1660
8	2240	894	1160	1280	1170	3660	5550	4480	1160	1540	2730	1560
9	2060	925	1150	1340	1160	3990	5460	4750	1060	1500	2750	1540
10	1880	957	1130	1410	1140	4320	5430	4960	1080	1410	2650	1520
11	1730	997	1120	1470	1140	4670	5760	5130	1140	1280	2440	1480
12	1580	1040	1100	1510	1130	5010	6330	5400	1140	1150	2240	1440
13	1470	1100	1090	1570	1120	5310	7160	5570	1180	1030	2070	1370
14	1390	1150	1070	1610	1120	5560	7750	5460	1210	974	1990	1280
15	1320	1200	1050	1700	1110	5700	8200	5410	1220	912	1880	1180
16	1260	1240	1040	1760	1100	5720	8600	5530	1230	937	1780	1050
17	1210	1270	1040	1810	1090	5620	8860	5600	1350	1010	1690	933
18	1170	1300	1030	1870	1110	5440	8790	5470	1430	1040	1610	815
19	1160	1320	1020	1910	1100	5310	8370	5050	1490	1080	1510	745
20	1170	1360	1000	1950	1090	5100	7980	4540	1630	1170	1420	713
21	1180	1350	990	1960	1120	4960	7800	4090	1760	1310	1360	709
22	1170	1320	977	1960	1250	4830	7620	3740	1890	1540	1330	885
23	1100	1290	963	1960	1440	4870	7410	3430	2000	1770	1290	921
24	1020	1260	953	1940	1740	5000	7140	3160	1950	1880	1260	935
25	955	1220	941	1920	1930	5240	6820	2920	1920	2040	1300	1000
26	914	1190	926	1880	2110	5860	6420	2690	1890	2330	1320	1190
27	888	1180	911	1850	2270	6480	6080	2480	1790	2730	1320	1310
28	866	1180	900	1800	2450	7050	5740	2260	1690	3110	1350	1420
29	847	1180	880	1730	---	7650	5320	2060	1610	3420	1450	1580
30	823	1190	876	1650	---	8050	4920	1880	1590	3670	1590	1720
31	807	---	871	1570	---	8060	---	1700	---	3770	1740	---
TOTAL	47900	32914	32608	48621	38110	154770	205930	127270	42090	53863	66400	40196
MEAN	1545	1097	1052	1568	1361	4993	6864	4105	1403	1738	2142	1340
MAX	2680	1360	1220	1960	2450	8060	8860	5600	2000	3770	3850	1940
MIN	807	812	871	876	1090	2630	4920	1700	829	912	1260	709

CAL YR 1988 TOTAL 677877 MEAN 1852 MAX 6080 MIN 308
WTR YR 1989 TOTAL 890672 MEAN 2440 MAX 8860 MIN 709

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Georgetown County, Hydrologic Unit 03040201, on right bank 50 ft upstream of U.S. Highway 701 bridge, 0.5 mi upstream of the confluence of Bull Creek, 2.9 mi west of Bucksports and at mile 28.4.

PERIOD OF RECORD.--February 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1986 to current year.
pH: February 1986 to current year.
WATER TEMPERATURE: February 1986 to current year.
DISSOLVED OXYGEN: February 1986 to current year.

INSTRUMENTATION.--Water-quality monitor since February 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 310 microsiemens, Oct. 10, 23, 1986; minimum, 40 microsiemens, Mar. 10, 15, 17, 22, 1987.
pH: Maximum, 7.8 units, May 23, 1988; minimum, 5.0 units, July 30, Aug. 9, 28, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, July 28, Aug. 9, 1987; minimum, 2.5°C, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 17-19, 1988; minimum, 2.6 mg/L, Sept. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 160 microsiemems, Feb. 18, 19, 20, 23; minimum, 60 microsiemens, several days in April, May.
pH: Maximum, 7.7 units, Dec. 4, 5; minimum, 5.5 units, Apr. 9, 10, 11.
WATER TEMPERATURE: Maximum, 31.5°C, July 13; minimum, 7.0°C, Dec. 18, 19, Feb. 25.
DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Feb. 25; minimum, 2.6 mg/L, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	130	110	119	120	110	116	90	80	83	80	70	75
2	130	110	120	120	110	116	90	70	80	80	70	77
3	140	120	126	120	110	114	80	60	72	90	70	80
4	130	110	124	120	100	110	80	60	71	90	80	84
5	130	110	120	130	100	106	80	70	75	90	70	80
6	130	110	121	---	---	---	80	70	74	80	70	78
7	130	120	123	---	---	---	90	70	80	80	70	77
8	130	110	122	110	100	109	90	70	80	80	70	78
9	130	110	122	110	100	106	90	80	81	80	70	79
10	140	120	126	110	90	102	90	80	87	90	70	79
11	130	120	126	110	90	100	90	80	88	80	80	80
12	130	110	121	100	90	96	90	80	88	90	70	80
13	140	120	127	100	90	97	90	80	86	80	70	80
14	130	110	125	100	90	97	90	80	85	80	70	78
15	140	110	128	100	80	89	90	80	85	80	70	74
16	140	120	129	100	90	92	90	80	85	80	70	75
17	150	140	146	100	90	93	90	70	81	80	70	73
18	160	140	153	100	80	90	90	60	76	80	60	75
19	160	140	150	100	80	91	80	60	72	80	70	73
20	160	140	147	100	90	94	80	70	77	80	60	72
21	150	130	140	100	80	91	80	70	77	80	60	73
22	150	130	140	110	90	99	80	70	75	80	70	74
23	160	140	149	110	100	103	80	70	75	80	70	74
24	150	140	143	110	100	101	80	70	74	80	70	76
25	---	---	---	110	80	96	---	---	---	80	70	76
26	---	---	---	110	80	100	---	---	---	90	70	79
27	120	110	114	100	80	93	---	---	---	90	70	77
28	120	100	110	100	70	86	80	60	71	90	70	81
29	---	---	---	90	70	79	80	60	70	90	80	83
30	---	---	---	90	80	82	80	70	72	90	70	83
31	---	---	---	---	---	---	---	---	---	100	80	82
MONTH	160	100	130	130	70	98	90	60	79	100	60	78
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	80	85	100	80	90	90	70	80	90	80	85
2	100	80	89	100	80	92	90	70	80	90	80	85
3	110	90	98	100	80	90	80	70	80	100	80	93
4	120	90	104	100	80	90	90	70	80	100	90	95
5	120	90	105	100	80	90	90	70	78	100	80	91
6	110	90	100	90	80	88	110	80	87	100	80	92
7	110	90	102	100	80	89	110	100	104	100	80	89
8	110	100	102	100	80	87	110	90	101	90	80	87
9	120	100	108	100	80	90	100	90	93	90	80	88
10	120	100	108	100	80	90	110	80	91	100	80	89
11	110	90	99	100	80	90	100	80	90	100	80	90
12	110	90	98	100	90	95	100	80	89	100	90	93
13	100	90	96	100	90	97	100	80	90	110	90	96
14	100	90	96	110	90	97	110	80	91	110	90	97
15	110	90	98	100	90	99	110	90	93	110	90	102
16	100	90	99	110	90	98	110	80	93	110	90	104
17	110	90	100	110	90	99	120	90	101	120	100	106
18	100	90	96	100	90	98	110	90	99	120	100	104
19	100	90	97	100	90	94	100	80	93	120	100	111
20	110	90	97	100	80	91	100	90	92	120	100	109
21	100	90	95	90	80	86	100	80	93	130	110	121
22	100	90	93	90	80	82	100	100	100	140	120	128
23	100	80	90	100	80	89	100	80	98	130	110	113
24	100	80	91	100	80	89	100	80	90	130	110	117
25	100	80	90	90	70	80	100	90	96	120	110	114
26	90	80	85	80	70	76	100	90	92	110	90	99
27	90	80	85	80	70	76	110	90	100	110	90	99
28	90	80	88	90	70	79	110	90	100	120	100	112
29	90	80	88	90	80	82	100	90	95	110	90	103
30	100	80	89	90	80	86	100	90	95	110	100	102
31	---	---	---	90	80	81	100	90	92	---	---	---
MONTH	120	80	96	110	70	89	120	70	92	140	80	100
YEAR	160	60	103									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.0	6.6	7.2	6.8	7.5	7.3	7.2	6.9	7.0	6.5	6.9	6.8
2	7.0	6.6	7.2	6.8	7.6	7.3	7.2	6.9	6.9	6.6	6.9	6.7
3	6.9	6.6	7.3	6.9	7.6	7.4	7.2	6.9	6.9	6.7	6.9	6.8
4	6.9	6.6	7.3	7.2	7.7	7.4	7.2	6.9	7.0	6.7	6.8	6.7
5	6.9	6.6	7.3	7.1	7.7	7.5	7.1	6.9	7.2	6.8	6.7	6.6
6	7.0	6.6	7.2	7.0	7.6	7.4	7.1	6.8	7.2	6.9	6.6	6.5
7	7.1	6.8	7.1	6.9	7.5	7.3	7.1	6.9	7.2	6.9	6.6	6.4
8	7.0	6.7	7.2	6.9	7.5	7.2	7.0	6.8	7.2	6.9	6.4	6.4
9	6.9	6.7	7.0	6.7	7.4	7.2	6.9	6.7	7.2	6.9	6.4	6.4
10	6.8	6.5	6.9	6.7	7.4	7.2	6.9	6.7	7.2	6.9	6.4	6.4
11	6.6	6.5	7.4	6.7	7.4	7.1	6.9	6.7	7.2	6.9	6.4	6.3
12	6.7	6.4	7.4	7.1	7.4	7.1	6.9	6.7	7.2	6.9	6.3	6.3
13	6.9	6.5	7.4	6.7	7.4	7.1	6.9	6.7	7.1	6.9	6.3	6.2
14	7.0	6.6	7.3	6.7	7.3	6.9	6.9	6.6	7.0	6.7	6.3	6.2
15	7.0	6.6	7.2	6.9	7.3	7.0	7.0	6.7	7.0	6.8	6.3	6.2
16	7.1	6.7	7.1	6.9	7.3	7.0	7.0	6.7	7.0	6.8	6.4	6.3
17	7.1	6.7	7.1	6.9	7.4	7.1	7.1	6.8	7.2	6.9	6.5	6.4
18	7.0	6.6	7.2	6.9	7.3	7.0	7.0	6.8	7.3	6.9	6.4	6.4
19	6.9	6.6	7.3	7.1	7.3	7.0	7.0	6.8	7.3	7.0	6.5	6.4
20	6.7	6.3	7.4	7.1	7.3	7.1	7.0	6.8	7.3	7.0	6.5	6.4
21	6.6	6.3	7.4	7.1	7.3	7.1	7.0	6.8	7.4	7.0	6.5	6.4
22	6.8	6.3	7.4	7.1	7.3	7.1	7.0	6.8	7.2	7.0	6.5	6.4
23	6.9	6.4	7.4	7.1	7.3	7.0	6.9	6.8	7.2	7.0	6.4	6.4
24	6.9	6.5	7.4	7.1	7.2	7.0	6.9	6.7	7.2	7.0	6.4	6.4
25	6.8	6.4	7.4	7.0	7.1	6.9	7.0	6.6	7.1	6.9	6.4	6.4
26	6.9	6.5	7.4	6.9	7.1	6.9	7.2	6.7	6.9	6.9	6.5	6.4
27	6.9	6.5	7.4	7.1	7.1	6.9	7.1	6.9	7.0	6.9	6.5	6.5
28	6.9	6.6	7.4	7.2	7.0	6.9	7.2	6.9	6.9	6.8	6.6	6.5
29	7.0	6.6	7.4	7.2	7.0	6.9	7.2	6.9	---	---	6.5	6.5
30	7.0	6.6	7.5	7.2	7.1	6.9	7.2	6.9	---	---	6.5	6.4
31	7.0	6.6	---	---	7.1	6.9	7.0	6.8	---	---	6.4	6.4
MONTH	7.1	6.3	7.5	6.7	7.7	6.9	7.2	6.6	7.4	6.5	6.9	6.2
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.4	6.4	6.5	6.5	6.9	6.6	6.8	6.6	6.6	6.6	7.2	6.9
2	6.4	6.3	6.5	6.4	6.9	6.6	6.7	6.5	6.7	6.6	7.1	6.9
3	6.3	6.2	6.5	6.4	6.8	6.5	6.6	6.5	6.7	6.6	7.2	7.0
4	6.3	6.2	6.6	6.5	7.0	6.6	6.6	6.5	6.8	6.6	7.1	7.0
5	6.3	6.1	6.6	6.6	7.1	6.7	6.9	6.5	6.8	6.7	7.1	6.9
6	6.2	6.1	6.6	6.5	7.0	6.5	7.0	6.7	6.9	6.8	7.0	6.8
7	6.1	5.9	6.5	6.5	7.0	6.5	7.1	6.8	6.9	6.8	7.1	6.9
8	5.9	5.7	6.5	6.5	6.9	6.8	7.1	6.9	7.1	6.9	7.1	6.9
9	5.7	5.5	6.5	6.5	7.1	6.8	7.2	6.9	7.0	6.9	7.0	6.8
10	5.6	5.5	6.6	6.5	7.2	6.7	7.2	6.9	6.9	6.8	6.9	6.7
11	5.7	5.5	6.5	6.4	7.0	6.4	7.2	6.9	7.0	6.8	6.9	6.7
12	5.8	5.6	6.5	6.4	6.9	6.4	7.2	7.0	7.0	6.9	7.1	6.8
13	6.0	5.6	6.4	6.4	6.9	6.3	7.2	7.0	7.0	6.8	7.1	7.0
14	6.0	5.9	6.4	6.4	7.0	6.3	7.2	7.0	7.0	6.8	7.1	6.2
15	6.0	5.9	6.4	6.3	6.9	6.2	7.2	7.0	7.0	6.8	7.0	6.4
16	6.1	5.9	6.3	6.3	7.0	6.4	7.2	7.0	7.1	6.8	6.4	6.1
17	6.1	6.0	6.3	6.3	7.0	6.7	7.2	7.0	7.1	6.8	6.5	6.2
18	6.3	6.1	6.3	6.3	7.1	6.5	7.2	7.0	7.1	6.9	6.6	6.3
19	6.3	6.1	6.3	6.3	7.1	6.8	7.2	7.0	7.1	6.9	7.0	6.4
20	6.3	6.1	6.3	6.3	7.2	6.8	7.2	7.0	7.1	6.8	7.0	6.4
21	6.3	6.1	6.3	6.3	7.0	6.8	7.2	7.0	7.1	6.9	7.0	6.3
22	6.3	6.2	6.4	6.3	7.0	6.8	7.1	6.9	7.2	6.9	6.9	6.3
23	6.3	6.2	6.5	6.3	7.0	6.7	7.0	6.8	7.1	6.7	7.0	6.3
24	6.4	6.2	6.5	6.5	7.0	6.7	6.9	6.8	7.1	6.7	6.4	6.3
25	6.4	6.4	6.6	6.5	7.0	6.7	6.9	6.8	7.1	6.8	6.5	5.8
26	6.4	6.4	6.7	6.6	6.9	6.6	6.8	6.7	7.2	6.9	6.0	5.9
27	6.5	6.4	6.7	6.6	6.7	6.6	6.8	6.6	7.2	7.0	6.0	6.0
28	6.5	6.4	6.7	6.6	6.8	6.6	6.8	6.6	7.2	7.0	6.0	5.9
29	6.5	6.4	6.7	6.6	6.8	6.6	6.7	6.6	7.2	6.9	6.1	6.0
30	6.5	6.4	6.7	6.6	6.7	6.6	6.7	6.6	7.2	6.9	6.1	6.1
31	---	---	6.7	6.6	---	---	6.7	6.6	7.3	7.0	---	---
MONTH	6.5	5.5	6.7	6.3	7.2	6.2	7.2	6.5	7.3	6.6	7.2	5.8
YEAR	7.7	5.5										

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	26.0	26.5	28.0	27.0	27.5	28.5	28.0	28.5	29.0	28.5	28.5
2	28.0	26.5	27.0	27.5	27.0	27.0	28.5	28.0	28.5	29.0	28.0	28.5
3	29.0	27.5	28.5	27.5	27.0	27.0	28.5	28.0	28.0	28.5	27.5	28.0
4	29.5	28.5	29.0	27.5	27.0	27.0	29.0	28.0	28.5	27.5	26.5	27.0
5	29.5	28.5	29.0	27.5	27.0	27.5	29.5	28.5	29.0	26.5	26.0	26.5
6	28.5	27.5	28.0	28.5	27.5	27.5	30.0	29.0	29.5	26.5	26.0	26.0
7	28.0	27.0	27.5	29.0	28.0	28.5	30.0	29.5	30.0	26.5	26.0	26.5
8	27.5	26.5	27.0	29.5	28.5	29.0	29.5	28.5	29.0	26.5	26.0	26.0
9	27.0	26.5	27.0	30.0	29.0	29.5	28.5	27.0	27.5	26.0	25.5	26.0
10	27.5	26.5	27.0	30.0	29.5	29.5	26.5	25.0	26.0	26.0	25.5	25.5
11	27.5	27.0	27.0	30.5	29.5	30.0	25.0	24.0	24.5	26.5	25.5	26.0
12	27.5	27.0	27.5	31.0	30.5	31.0	25.0	24.0	24.5	27.0	25.5	26.0
13	28.5	27.5	28.0	31.5	30.5	31.0	25.0	24.5	25.0	27.0	26.0	26.5
14	29.0	28.0	28.5	31.0	30.5	31.0	25.0	24.5	25.0	27.0	26.5	26.5
15	29.5	28.5	29.0	31.0	30.0	30.0	25.5	25.0	25.0	27.0	26.0	26.5
16	29.0	28.5	29.0	30.0	29.5	29.5	26.0	25.5	26.0	27.5	26.5	27.0
17	28.5	27.5	28.0	29.5	29.0	29.5	27.0	26.0	26.5	27.5	27.0	27.0
18	28.5	27.5	28.0	30.0	29.0	29.5	27.5	26.5	27.0	27.5	26.5	27.0
19	28.0	27.5	28.0	29.5	29.0	29.5	27.5	27.0	27.5	27.0	25.5	26.5
20	27.5	27.0	27.5	29.0	28.5	29.0	28.0	27.0	27.0	26.0	24.5	25.0
21	27.5	27.0	27.5	28.5	27.5	28.5	28.0	27.0	27.5	25.5	24.5	25.0
22	27.5	27.5	27.5	27.5	27.5	27.5	28.5	28.0	28.0	25.5	25.0	25.0
23	28.0	27.0	27.5	28.0	27.0	27.5	29.0	28.0	28.5	25.5	25.0	25.5
24	28.0	27.5	27.5	28.0	27.0	27.5	29.0	28.5	29.0	25.0	23.5	24.5
25	28.0	27.5	27.5	28.5	27.5	28.0	29.5	28.5	29.0	24.0	23.5	23.5
26	27.5	27.0	27.5	28.0	27.5	27.5	29.5	28.5	29.0	23.5	23.0	23.5
27	28.0	27.0	27.5	28.0	27.5	28.0	29.0	28.5	29.0	23.5	22.5	23.0
28	28.0	27.0	27.5	28.5	27.5	28.0	29.0	28.5	29.0	22.5	22.0	22.5
29	28.0	27.5	28.0	29.0	28.0	28.5	29.0	28.5	28.5	22.0	21.5	21.5
30	28.0	27.5	28.0	29.0	28.5	28.5	29.5	28.5	28.5	22.0	21.5	22.0
31	---	---	---	28.5	28.0	28.5	29.0	28.5	28.5	---	---	---
MONTH	29.5	26.0	28.0	31.5	27.0	28.5	30.0	24.0	27.5	29.0	21.5	25.5
YEAR	31.5	7.0	19.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.7	4.0	4.2	6.4	5.5	6.0	8.8	8.0	8.4	9.0	8.4	8.6
2	4.9	4.2	4.4	6.4	5.8	6.2	9.1	8.5	8.7	9.1	8.6	8.8
3	5.0	4.2	4.5	6.5	5.9	6.3	9.4	8.8	9.1	9.3	8.5	8.9
4	4.9	4.3	4.5	6.9	6.5	6.7	9.5	9.2	9.3	9.3	8.8	9.0
5	5.1	4.4	4.6	7.0	6.6	6.8	9.4	9.1	9.3	9.1	8.8	9.0
6	5.2	4.6	4.9	6.8	6.2	6.6	9.4	9.0	9.2	9.5	9.0	9.2
7	5.8	5.1	5.5	6.7	6.0	6.3	9.4	9.1	9.3	9.5	9.1	9.3
8	5.7	5.2	5.5	6.5	5.8	6.2	9.5	9.0	9.3	9.2	8.7	8.9
9	5.6	5.2	5.3	6.2	5.7	5.9	9.5	9.0	9.3	8.8	8.2	8.5
10	5.4	4.9	5.1	6.6	5.7	6.2	9.2	8.9	9.0	9.0	8.3	8.6
11	5.1	4.9	5.0	6.9	6.3	6.6	9.2	8.8	9.0	8.8	7.9	8.3
12	5.4	5.0	5.2	7.3	6.7	7.0	9.3	8.9	9.1	8.7	8.0	8.3
13	5.8	5.3	5.6	7.6	6.9	7.3	9.3	9.0	9.1	8.7	8.2	8.4
14	6.0	5.6	5.8	7.7	7.0	7.3	9.2	9.0	9.1	8.8	8.1	8.4
15	6.3	5.9	6.0	7.5	6.6	7.0	9.6	9.1	9.3	8.8	8.2	8.5
16	6.6	6.2	6.3	7.1	6.5	6.9	9.9	9.5	9.6	9.0	8.4	8.7
17	6.7	6.2	6.4	7.2	6.6	6.9	10.3	9.7	10.0	9.1	8.6	8.8
18	6.4	5.8	6.0	7.3	6.7	7.0	9.9	9.6	9.8	9.3	8.8	9.0
19	6.2	5.4	5.7	7.6	7.0	7.3	9.8	9.6	9.7	9.3	8.8	9.0
20	5.7	5.1	5.4	7.9	7.1	7.4	10.0	9.8	9.9	9.3	8.8	9.0
21	5.3	4.9	5.1	7.9	6.9	7.3	10.0	9.8	9.9	9.2	8.7	9.0
22	5.9	4.9	5.4	7.8	7.0	7.4	9.9	9.7	9.8	9.1	8.7	8.9
23	5.9	5.2	5.6	8.0	7.2	7.6	9.8	9.5	9.7	9.0	8.7	8.8
24	6.1	5.4	5.8	8.2	7.5	7.8	9.7	9.1	9.4	8.9	8.4	8.7
25	6.1	5.4	5.7	8.3	7.5	7.8	9.4	8.6	9.0	8.7	8.3	8.5
26	6.1	5.4	5.8	8.1	7.4	7.7	8.9	8.2	8.5	8.8	7.7	8.3
27	6.0	5.3	5.7	8.2	7.6	7.8	8.5	8.1	8.3	8.8	8.1	8.5
28	5.9	5.3	5.6	8.3	7.4	7.8	8.3	8.0	8.2	8.8	7.5	8.3
29	6.0	5.3	5.5	7.8	7.3	7.5	8.2	7.8	8.0	8.8	8.4	8.6
30	6.1	5.3	5.8	8.2	7.5	7.8	8.2	7.8	8.0	9.0	8.5	8.7
31	6.2	5.5	5.9	---	---	---	8.5	8.0	8.2	8.9	8.4	8.6
MONTH	6.7	4.0	5.4	8.3	5.5	7.0	10.3	7.8	9.1	9.5	7.5	8.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.8	7.7	8.4	9.6	9.4	9.5	5.7	5.4	5.5	4.3	4.1	4.2
2	7.8	7.4	7.6	9.7	9.3	9.3	5.7	5.5	5.6	4.1	3.7	4.0
3	8.1	7.4	7.6	9.4	9.2	9.3	5.7	5.5	5.6	4.1	3.7	3.8
4	8.3	7.6	7.8	9.2	8.9	9.1	5.7	5.6	5.6	5.1	4.2	4.6
5	8.4	7.6	7.9	8.9	8.7	8.8	5.6	5.4	5.5	5.7	5.2	5.5
6	8.6	7.8	8.1	8.6	8.1	8.4	5.7	5.3	5.4	5.7	5.2	5.5
7	8.6	8.1	8.3	8.1	7.9	7.9	5.7	5.4	5.5	5.4	5.2	5.3
8	8.5	8.1	8.2	8.2	7.9	8.0	5.8	5.6	5.7	5.3	5.1	5.2
9	8.6	8.0	8.4	8.7	8.2	8.3	6.1	5.8	5.8	5.4	5.1	5.3
10	9.0	8.5	8.8	8.7	8.4	8.6	6.3	6.0	6.2	5.5	5.2	5.4
11	9.8	9.0	9.5	9.1	8.7	8.9	6.9	6.4	6.7	5.6	5.2	5.5
12	10.0	9.6	9.7	9.2	9.0	9.1	7.4	6.9	7.1	5.7	5.6	5.6
13	9.9	9.7	9.8	9.0	8.9	9.0	7.9	7.3	7.7	5.8	5.6	5.7
14	10.5	9.8	10.1	8.9	8.7	8.8	7.7	7.5	7.6	5.9	5.8	5.8
15	10.1	9.7	10.0	8.7	8.5	8.6	7.7	7.3	7.5	6.0	5.8	5.9
16	9.6	8.8	9.2	8.4	8.1	8.3	7.5	7.2	7.3	5.8	5.7	5.8
17	9.3	8.8	9.0	8.1	7.9	8.0	7.3	7.0	7.1	5.8	5.6	5.7
18	9.7	9.1	9.3	7.9	7.5	7.7	7.1	6.8	7.0	5.7	5.6	5.6
19	9.9	9.5	9.7	7.4	7.2	7.3	7.0	6.5	6.7	5.6	5.5	5.6
20	10.3	9.7	10.0	7.1	7.0	7.1	6.6	6.3	6.4	5.5	5.4	5.5
21	10.4	10.1	10.3	7.0	6.8	6.9	6.4	6.1	6.2	5.4	5.2	5.4
22	10.3	9.9	10.1	7.0	6.7	6.8	6.1	6.1	6.1	5.3	5.0	5.2
23	10.2	9.7	9.9	7.1	6.8	6.9	6.1	5.8	6.1	5.0	4.6	4.9
24	10.7	10.1	10.4	7.6	7.1	7.3	6.3	6.1	6.2	4.6	4.2	4.5
25	11.0	10.5	10.7	8.1	7.5	7.7	6.1	5.7	6.0	4.2	4.1	4.2
26	10.6	10.3	10.4	8.4	7.9	8.1	5.9	5.6	5.8	4.2	4.0	4.2
27	10.3	10.0	10.2	8.3	8.1	8.2	5.5	5.2	5.4	4.1	3.6	3.8
28	10.0	9.6	9.8	8.3	7.7	8.0	5.2	4.8	5.0	3.7	3.5	3.6
29	---	---	---	7.8	6.9	7.3	4.8	4.6	4.7	3.6	3.2	3.4
30	---	---	---	6.8	6.1	6.4	4.6	4.3	4.5	3.6	2.7	3.3
31	---	---	---	6.2	5.6	5.8	---	---	---	3.8	3.3	3.5
MONTH	11.0	7.4	9.3	9.7	5.6	8.0	7.9	4.3	6.1	6.0	2.7	4.9

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.9	3.4	3.7	4.8	4.2	4.5	3.8	3.4	3.6	5.2	4.4	4.8
2	4.0	3.5	3.8	4.5	3.9	4.2	3.8	3.3	3.5	5.2	4.4	4.7
3	4.6	3.7	4.0	4.5	4.1	4.2	3.5	3.3	3.4	5.1	4.5	4.7
4	5.0	3.8	4.4	4.7	4.1	4.4	3.9	3.4	3.6	4.9	4.3	4.6
5	5.1	4.1	4.5	4.9	3.8	4.2	4.2	3.6	3.9	4.7	4.2	4.5
6	5.2	4.2	4.7	4.8	3.9	4.3	4.3	3.8	4.1	4.7	4.0	4.3
7	5.1	4.3	4.6	4.9	4.2	4.5	4.3	3.8	4.1	5.2	4.4	4.7
8	5.1	4.2	4.6	5.0	4.4	4.6	4.1	3.8	4.0	5.2	4.6	4.9
9	5.6	4.7	5.1	4.9	4.3	4.6	4.1	3.9	4.0	5.1	4.4	4.7
10	5.4	4.0	4.9	4.9	4.2	4.5	4.0	3.8	3.9	5.0	3.9	4.3
11	5.6	4.5	5.0	4.8	4.1	4.4	4.2	3.8	3.9	4.7	4.0	4.2
12	5.5	4.7	5.1	4.8	4.1	4.4	4.6	4.1	4.3	5.2	4.3	4.6
13	5.5	4.1	5.0	4.8	4.2	4.5	4.7	4.4	4.5	5.1	4.2	4.6
14	5.4	4.5	5.0	4.9	4.1	4.5	4.9	4.5	4.6	4.9	4.0	4.3
15	5.4	4.8	5.1	4.8	4.1	4.5	4.9	4.3	4.5	4.8	3.9	4.3
16	5.7	5.0	5.3	4.7	3.9	4.4	4.9	4.1	4.4	5.0	4.1	4.6
17	5.7	5.2	5.4	4.5	3.7	4.0	4.8	4.1	4.4	5.1	4.1	4.5
18	5.9	5.0	5.4	4.8	3.8	4.3	5.1	4.4	4.7	5.3	4.3	4.8
19	5.7	5.1	5.4	4.9	4.1	4.5	5.1	4.4	4.6	5.3	4.4	4.8
20	5.8	5.1	5.4	4.9	4.1	4.6	4.9	4.1	4.5	5.0	4.2	4.6
21	5.8	4.9	5.3	5.0	4.3	4.7	4.9	4.2	4.5	5.4	4.3	4.7
22	5.6	4.9	5.1	4.9	4.3	4.6	4.7	4.1	4.3	5.9	5.1	5.6
23	5.6	4.8	5.2	4.6	4.0	4.3	4.5	3.7	4.0	5.0	3.2	4.0
24	5.7	4.9	5.3	4.5	4.0	4.3	4.3	3.6	3.9	4.7	3.3	3.9
25	5.8	5.0	5.4	4.5	4.1	4.3	4.5	3.6	4.0	5.0	4.3	4.8
26	5.6	5.0	5.3	4.3	3.9	4.1	4.7	4.0	4.3	5.0	3.6	4.5
27	5.2	4.5	4.8	4.2	3.7	4.0	4.8	4.1	4.5	4.3	3.3	3.8
28	5.0	4.4	4.6	4.2	3.7	3.8	4.8	4.0	4.4	3.8	2.8	3.3
29	4.8	4.3	4.5	3.9	3.5	3.6	4.6	3.7	4.2	3.5	2.9	3.2
30	4.8	4.4	4.6	3.9	3.5	3.7	4.7	3.8	4.2	3.4	2.6	3.0
31	---	---	---	3.9	3.4	3.7	4.9	4.1	4.6	---	---	---
MONTH	5.9	3.4	4.9	5.0	3.4	4.3	5.1	3.3	4.2	5.9	2.6	4.4
YEAR	11.0	2.6	6.3									

02135225 PEE DEE RIVER AT ARUNDEL PLANTATION NEAR JACKSON, SC

LOCATION.--Lat 33°28'59'', long 79°10'41'', Georgetown County, Hydrologic Unit 03040201, on right bank , 0.7 mi upstream of Schooner Creek confluence, 5.5 mi southeast of Planterville, S.C.

PERIOD OF RECORD.--September 1988 to September 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: September 1988 to September 1989.

INSTRUMENTATION.-- Water-quality monitor since Sept. 1988.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 9200 microsiemens, Sept. 22, 1989; minimum, 60 microsiemens, Apr. 6, May 2 - 5, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 9200 microsiemens, Sept. 22; minimum, 60 microsiemens, Apr. 6, May 2 -5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	120	90	102	170	110	126	130	110	117	140	130	132
2	120	90	102	140	120	130	130	110	120	140	120	130
3	120	90	105	140	120	129	130	110	120	140	120	125
4	120	90	107	140	120	129	130	110	120	130	110	122
5	120	100	106	140	120	132	130	110	121	140	110	123
6	110	90	100	150	100	126	130	110	123	140	120	125
7	110	90	97	130	100	115	140	110	122	140	110	124
8	120	90	105	120	100	111	130	100	114	130	100	115
9	110	90	99	130	100	115	120	100	111	130	100	110
10	110	80	92	130	110	117	120	100	110	130	100	117
11	110	80	92	130	110	118	110	100	109	140	100	114
12	110	80	94	130	110	114	120	100	111	130	100	112
13	100	80	90	130	100	113	120	110	114	130	100	111
14	110	80	94	130	100	114	130	110	115	120	100	109
15	110	80	95	130	100	113	130	110	117	110	100	104
16	120	90	102	130	110	116	120	110	114	120	100	106
17	120	90	103	130	110	119	130	110	116	120	100	108
18	120	90	105	130	110	118	130	110	117	120	100	108
19	130	100	110	120	110	117	130	110	120	120	100	111
20	130	100	110	140	110	117	130	110	120	120	110	111
21	140	100	111	120	110	117	130	110	121	120	100	108
22	130	100	112	130	110	117	130	110	123	110	100	108
23	150	90	111	130	110	116	140	120	125	120	100	108
24	140	100	113	130	110	115	140	120	126	120	100	109
25	140	110	121	130	110	114	140	120	129	120	100	105
26	140	110	122	130	110	118	140	120	128	110	90	104
27	170	110	122	130	110	120	150	120	131	110	90	102
28	170	100	119	130	100	114	140	120	129	110	90	103
29	170	100	122	130	100	113	140	120	130	110	100	105
30	170	110	128	120	100	113	140	120	128	120	100	105
31	180	110	148	---	---	---	140	120	129	120	100	108
MONTH	180	80	108	170	100	118	150	100	120	140	90	112

02135225 PEE DEE RIVER AT ARUNDEL PLANTATION NEAR JACKSON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	120	110	111	110	90	99	90	70	80	80	70	72
2	120	100	112	110	90	101	90	70	79	80	60	71
3	120	110	113	110	90	100	80	70	76	80	60	68
4	120	110	115	110	90	99	80	70	74	70	60	68
5	130	110	120	100	90	94	80	70	74	70	60	68
6	150	110	123	100	80	91	80	60	73	---	---	---
7	140	110	123	100	90	92	80	70	75	---	---	---
8	140	120	125	100	90	91	80	70	77	---	---	---
9	130	120	123	90	80	89	90	70	80	---	---	---
10	130	110	120	90	80	87	90	80	81	---	---	---
11	130	110	121	90	80	85	90	80	83	---	---	---
12	130	120	122	90	80	83	90	80	84	---	---	---
13	130	120	126	90	80	85	90	70	83	---	---	---
14	130	120	125	90	80	86	90	70	82	---	---	---
15	130	110	124	90	80	84	90	80	85	---	---	---
16	160	120	134	90	80	86	90	70	80	---	---	---
17	150	120	131	90	80	85	80	70	79	---	---	---
18	160	120	127	90	80	84	80	70	79	90	80	86
19	140	120	127	90	80	86	80	70	79	100	80	90
20	140	120	130	90	80	88	80	80	80	100	80	93
21	160	120	132	90	80	89	80	70	78	100	80	94
22	150	120	129	100	90	92	80	70	77	110	80	98
23	140	120	128	100	90	91	80	70	78	110	90	99
24	130	120	127	100	90	91	90	70	84	110	90	101
25	140	110	124	100	80	90	100	80	90	110	90	102
26	130	100	114	100	80	89	100	80	90	110	90	104
27	110	90	101	100	80	91	90	80	87	120	100	106
28	110	90	100	100	80	88	90	70	83	120	100	111
29	---	---	---	90	80	84	90	70	79	120	100	113
30	---	---	---	90	80	83	80	70	76	120	100	110
31	---	---	---	90	70	81	---	---	---	120	100	113
MONTH	160	90	122	110	70	89	100	60	80	120	60	93
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	100	112	---	---	---	120	90	104	130	100	110
2	130	100	113	---	---	---	130	90	103	120	100	105
3	130	100	115	---	---	---	130	90	101	120	90	101
4	130	100	117	---	---	---	130	90	99	120	90	104
5	140	110	127	---	---	---	140	90	103	120	100	107
6	150	130	137	---	---	---	140	90	100	130	100	108
7	150	130	137	---	---	---	150	90	98	120	100	105
8	150	120	135	---	---	---	160	90	105	110	100	104
9	140	120	132	---	---	---	170	90	108	110	100	102
10	140	110	126	---	---	---	180	100	116	110	90	101
11	150	120	136	---	---	---	120	90	102	110	100	103
12	170	120	142	---	---	---	110	90	100	110	100	104
13	---	---	---	120	100	110	110	100	101	110	100	106
14	---	---	---	120	100	107	110	90	102	110	100	107
15	---	---	---	120	100	107	110	100	104	120	100	109
16	---	---	---	120	100	109	110	90	102	120	100	110
17	---	---	---	120	110	111	110	100	103	120	110	112
18	---	---	---	120	100	112	110	90	104	120	110	113
19	---	---	---	120	100	110	120	100	109	120	110	117
20	---	---	---	110	100	107	120	90	105	120	110	117
21	---	---	---	110	100	105	110	90	101	130	110	119
22	---	---	---	110	90	103	110	90	101	9200	120	3140
23	---	---	---	100	90	98	110	100	104	860	350	672
24	---	---	---	110	90	100	110	90	102	750	280	484
25	---	---	---	110	100	105	110	90	102	920	190	341
26	---	---	---	110	90	101	110	100	105	520	150	316
27	---	---	---	110	90	98	140	100	111	410	130	241
28	---	---	---	120	90	98	140	100	117	210	120	166
29	---	---	---	120	90	100	140	110	122	260	150	187
30	---	---	---	130	90	106	140	100	116	280	150	193
31	---	---	---	130	100	107	130	100	112	---	---	---
MONTH	170	100	127	130	90	105	180	90	105	9200	90	267
YEAR	9200	60	121									

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC

(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 34°09'02'', long 80°18'18'', Lee County, Hydrologic Unit 03040205, near left bank, on downstream side of bridge on U.S. Highway 15, 0.1 mi downstream from Beaverdam Creek, 0.9 mi upstream from Seaboard Coast Line Railroad bridge, and 5.8 mi southwest of Bishopville.

DRAINAGE AREA.--96.0 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 discharges. Records good.

AVERAGE DISCHARGE.--21 years (water years 1969-88), 102 ft^3/s, 14.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,700 ft^3/s, Sept. 7, 1979, gage height, 8.54 ft; minimum daily, 3.5 ft^3/s, July 24, 25, 1986.

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)
Sept. 26	1500	* 636	*6.86

Minimum daily, 14.0 ft^3/s, June 3, 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	94	90	83	64	174	124	73	16	55	33	51
2	42	121	82	94	62	159	107	116	15	64	71	40
3	49	123	75	108	60	167	90	162	14	65	88	48
4	108	127	70	137	60	183	78	173	15	38	94	51
5	170	147	67	149	59	191	75	150	14	45	134	50
6	202	159	65	149	65	199	93	154	17	55	129	57
7	197	142	63	143	72	200	113	115	20	62	54	55
8	174	118	65	133	80	209	123	84	39	64	31	49
9	128	100	64	120	82	225	165	81	68	39	26	44
10	71	87	63	111	81	254	209	104	99	27	24	37
11	52	75	63	112	72	230	249	118	131	22	23	34
12	45	67	62	110	64	198	270	120	174	19	24	31
13	41	62	61	112	64	174	257	130	149	18	23	27
14	44	59	61	118	65	148	228	137	80	17	22	24
15	37	57	61	118	60	128	222	120	36	17	23	23
16	35	57	63	116	60	114	245	83	35	24	30	22
17	35	66	66	111	60	105	270	60	66	37	50	24
18	35	84	64	104	64	100	320	49	81	57	92	21
19	37	94	62	92	69	102	281	41	83	85	148	20
20	40	94	61	82	73	97	243	36	87	182	141	20
21	43	86	60	77	103	91	214	33	66	222	153	21
22	49	77	60	73	153	100	184	30	112	276	159	147
23	49	79	63	76	178	141	163	27	65	263	156	280
24	47	121	64	73	221	225	138	25	44	236	134	370
25	43	129	60	68	257	297	121	23	38	222	120	442
26	42	121	58	65	235	359	101	21	32	189	91	611
27	41	121	57	67	203	328	84	19	27	144	67	593
28	49	124	57	70	183	260	70	18	23	75	56	498
29	61	119	60	68	---	203	72	18	21	40	55	432
30	57	103	62	67	---	166	76	17	43	35	59	391
31	56	---	66	67	---	139	---	16	---	32	58	---
TOTAL	2124	3013	1995	3073	2869	5666	4985	2353	1710	2726	2368	4513
MEAN	68.5	100	64.4	99.1	102	183	166	75.9	57.0	87.9	76.4	150
MAX	202	159	90	149	257	359	320	173	174	276	159	611
MIN	35	57	57	65	59	91	70	16	14	17	22	20

CAL YR 1988 TOTAL 28690.3 MEAN 78.4 MAX 1000 MIN 8.2
WTR YR 1989 TOTAL 37395 MEAN 102 MAX 611 MIN 14

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (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 TOTAL (MG/L AS CACO3)
NOV												
16...	1100	57	26	5.20	13.0	3.0	760	8.6	82	K33	810	5
JAN												
27...	1000	67	27	5.20	10.0	4.0	759	9.8	87	K56	760	5
MAR												
21...	1100	90	30	5.10	13.5	3.9	755	8.9	86	K50	320	5
MAY												
26...	1330	20	28	5.50	20.5	1.1	758	7.1	79	K67	700	5
JUL												
27...	1730	132	29	4.60	24.5	1.3	757	5.1	62	460	220	6
SEP												
27...	1400	589	30	4.70	20.0	2.5	764	2.5	27	K100	340	8

DATE	HARD-NESS NONCARB WH WAT TOT FLD 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)	SODIUM PERCENT	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)
NOV											
16...	4	0.73	0.67	3.1	55	0.6	0.80	1.0	8.7	5.5	0.10
JAN											
27...	2	0.75	0.63	3.1	58	0.7	0.40	2.0	6.8	5.0	<0.10
MAR											
21...	4	0.85	0.62	3.1	55	0.6	0.70	1.0	1.7	5.3	<0.10
MAY											
26...	2	0.85	0.63	3.5	58	0.7	0.70	3.0	1.0	4.8	0.10
JUL											
27...	6	1.2	0.69	2.7	47	0.5	0.70	<1.0	<1.0	10	0.10
SEP											
27...	7	1.6	0.89	3.9	44	0.6	2.6	1.0	<1.2	6.1	0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, 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 DIS-SOLVED (MG/L AS P)
NOV											
16...	9.9	39	32	0.05	6.00	0.200	0.030	0.04	0.50	<0.010	<0.010
JAN											
27...	7.8	29	27	0.04	5.23	0.140	0.070	0.09	0.30	0.010	0.010
MAR											
21...	3.4	38	17	0.05	9.23	0.100	0.030	0.04	0.60	0.020	0.010
MAY											
26...	7.1	32	24	0.04	1.73	0.490	0.070	0.09	1.0	0.020	<0.010
JUL											
27...	9.0	47	--	--	--	<0.100	0.020	0.03	0.50	0.020	0.010
SEP											
27...	9.7	61	--	--	--	<0.100	0.040	0.05	1.1	0.020	0.010

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DATE	PHOS-PHOROUS 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...	<0.010	--	150	<1	78	<0.5	<1	<1	<3	2	410
JAN											
27...	<0.010	--	150	<1	45	<0.5	<1	1	<3	2	240
MAR											
21...	<0.010	--	--	--	--	--	--	--	--	--	--
MAY											
26...	<0.010	--	150	<1	53	<0.5	<1	<1	<3	1	710
JUL											
27...	<0.010	--	--	--	--	--	--	--	--	--	--
SEP											
27...	0.020	0.06	700	<1	160	<0.5	<1	1	<3	5	1900

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)	URANIUM NATURAL DIS-SOLVED (UG/L AS U)	VANA-DIUM, DIS-SOLVED (UG/L AS V)
NOV											
16...	<5	<4	45	--	<10	<1	<1	<1.0	7	<0.01	<6
JAN											
27...	<5	<4	29	<0.1	<10	<1	<1	3.0	7	0.01	<6
MAY											
26...	1	<4	26	0.1	<10	2	<1	<1.0	8	--	<6
SEP											
27...	2	<4	94	0.1	<10	4	<1	<1.0	13	--	<6

DATE	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	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)
NOV											
16...	31	3	0.46	93	0.4	0.5	0.9	0.9	<0.4	<0.4	0.16
JAN											
27...	19	2	0.36	100	1.2	0.4	0.7	0.7	<0.4	<0.4	0.19
MAR											
21...	--	6	1.5	100	--	--	--	--	--	--	--
MAY											
26...	40	7	0.38	80	--	--	--	--	--	--	--
JUL											
27...	--	7	2.5	100	--	--	--	--	--	--	--
SEP											
27...	140	6	9.5	90	--	--	--	--	--	--	--

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

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

AVERAGE DISCHARGE.--31 years, 376 ft^3/s, 12.73 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, 1,570 ft^3/s, Mar. 26, gage height, 4.16 ft; minimum, 6.1 ft^3/s, June 2, gage height, 1.89 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	402	168	264	205	227	515	644	236	9.1	177	230	312
2	347	173	250	218	229	511	540	284	8.0	114	200	240
3	346	172	230	240	221	538	462	299	12	79	185	241
4	734	181	217	286	216	564	411	285	19	134	185	219
5	802	201	208	304	209	607	376	272	45	274	190	154
6	661	224	201	309	227	645	372	333	111	288	200	176
7	545	241	195	306	270	744	360	360	168	295	190	164
8	486	247	194	299	305	959	368	343	230	270	180	197
9	449	240	190	294	279	1090	465	327	236	110	170	167
10	401	234	187	291	245	1020	633	368	190	58	150	144
11	353	234	184	286	224	1020	931	377	150	33	125	115
12	313	234	177	283	212	934	1260	408	137	47	105	84
13	278	234	169	288	205	813	1360	407	115	61	86	60
14	252	229	167	294	202	727	1160	351	86	84	76	43
15	230	223	165	295	205	650	1010	343	68	120	70	41
16	211	218	182	293	203	598	967	408	77	170	64	35
17	191	216	206	291	195	561	923	575	161	240	64	28
18	169	231	208	288	191	560	914	524	220	360	70	20
19	148	242	202	279	191	557	855	338	200	520	80	15
20	141	230	195	273	206	495	715	252	175	800	94	13
21	170	216	190	263	283	448	617	205	160	990	110	11
22	222	213	187	253	398	421	571	160	529	1020	145	134
23	237	216	184	244	431	507	516	127	1040	1000	168	282
24	218	218	187	233	469	825	462	100	744	980	210	511
25	199	218	184	225	476	1380	418	81	420	840	243	663
26	182	216	178	224	498	1540	375	62	307	720	221	852
27	170	218	172	229	512	1340	331	43	281	580	192	932
28	174	230	169	240	526	1100	298	32	224	490	138	912
29	179	247	166	239	---	895	274	22	157	400	103	861
30	169	263	164	232	---	795	248	15	175	320	90	831
31	158	---	174	226	---	749	---	12	---	270	181	---
TOTAL	9537	6627	5946	8230	8055	24108	18836	7949	6454.1	11844	4515	8457
MEAN	308	221	192	265	288	778	628	256	215	382	146	282
MAX	802	263	264	309	526	1540	1360	575	1040	1020	243	932
MIN	141	168	164	205	191	421	248	12	8.0	33	64	11

CAL YR 1988 TOTAL 107246.1 MEAN 293 MAX 1720 MIN 2.1
WTR YR 1989 TOTAL 120558.1 MEAN 330 MAX 1540 MIN 8.0

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 mi^2.

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.--Data collection platform. Datum of gage is 25.66 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: May 18, Aug. 17 - 22, 28, Sept. 2 - 6, 22 - 24, 26 - 28, which are poor.

AVERAGE DISCHARGE.--60 years, 943 ft^3/s, 10.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58,000 ft^3/s, June 14, 1973, gage height, 19.77 ft; minimum, 2.0 ft^3/s, Sept. 12-15, Oct. 7, 8, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,440 ft^3/s, Apr. 17, 18, gage height, 11.40 ft; minimum, 71 ft^3/s, June 5, gage height, 2.61 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	591	237	320	278	353	659	2620	1210	130	588	2030	1190
2	596	236	319	286	349	702	2420	1150	111	498	1830	1490
3	622	233	321	309	342	773	2150	1070	93	426	1580	1600
4	665	231	326	338	335	830	1910	950	86	407	1290	1590
5	682	233	335	367	327	919	1700	834	79	406	1050	1430
6	670	233	340	395	320	1020	1560	729	87	423	868	1310
7	637	234	342	412	317	1100	1460	648	81	416	740	1140
8	614	237	339	426	313	1170	1360	591	97	399	660	973
9	628	241	332	437	308	1260	1320	564	129	402	690	849
10	674	245	326	448	304	1350	1360	583	155	408	660	770
11	725	251	324	459	305	1440	1590	624	185	413	641	713
12	747	259	321	466	309	1540	1890	683	213	407	620	681
13	729	266	316	475	312	1630	2250	735	232	382	565	671
14	688	272	310	487	309	1720	2690	784	228	327	497	671
15	632	277	305	505	303	1770	3270	840	206	277	437	658
16	574	280	303	515	296	1780	3900	862	197	274	387	609
17	524	284	303	521	287	1780	4360	854	241	284	366	553
18	476	287	307	524	284	1700	4350	827	254	296	358	513
19	434	292	313	523	283	1590	3980	787	284	334	366	469
20	395	296	314	517	288	1470	3520	741	310	471	394	420
21	358	297	313	507	301	1370	3130	718	335	665	430	377
22	324	297	311	497	333	1310	2870	717	359	845	452	444
23	293	298	306	486	380	1300	2620	699	382	1230	442	366
24	270	303	302	466	432	1400	2330	623	394	1920	423	358
25	252	312	299	442	482	1520	2070	511	406	2550	420	397
26	238	323	296	421	533	1660	1840	396	444	2930	460	485
27	229	328	292	404	581	1780	1650	316	520	3030	561	610
28	224	328	290	391	621	1980	1470	268	606	2920	663	630
29	222	326	284	379	---	2260	1330	228	667	2700	799	772
30	224	323	276	371	---	2520	1250	191	663	2450	915	1170
31	230	---	273	361	---	2650	---	157	---	2240	1000	---
TOTAL	15167	8259	9658	13413	9907	45953	70220	20890	8174	31318	22594	23909
MEAN	489	275	312	433	354	1482	2341	674	272	1010	729	797
MAX	747	328	342	524	621	2650	4360	1210	667	3030	2030	1600
MIN	222	231	273	278	283	659	1250	157	79	274	358	358

CAL YR 1988 TOTAL 251485 MEAN 687 MAX 2690 MIN 12
WTR YR 1989 TOTAL 279462 MEAN 766 MAX 4360 MIN 79

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (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 TOTAL (MG/L AS CACO3)
NOV												
17...	1100	283	109	6.60	16.0	2.3	762	7.0	71	150	770	17
JAN												
30...	1600	370	125	6.80	12.0	3.7	756	8.9	83	K70	710	14
MAR												
22...	1115	1310	100	6.60	16.0	3.0	766	5.9	59	K93	300	16
MAY												
27...	1300	313	100	6.70	24.0	3.5	762	5.0	59	K170	320	19
JUL												
28...	1530	2890	80	6.40	25.5	1.6	759	4.4	54	K22	K56	15
SEP												
28...	1800	650	128	6.20	20.0	3.4	766	0.1	1	K9400	9900	31

DATE	HARD-NESS NONCARB WH WAT TOT FLD 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)	SODIUM PERCENT	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												
17...	0	3.8	1.7	15	63	2	2.3	16	15	16	0.10	12
JAN												
30...	0	3.6	1.3	20	72	2	1.7	16	16	18	0.10	6.3
MAR												
22...	2	3.8	1.6	10	54	1	1.7	14	20	10	0.10	4.7
MAY												
27...	0	4.7	1.7	15	61	2	1.8	20	1.2	13	0.10	7.7
JUL												
28...	3	4.0	1.2	12	60	1	2.0	12	<1.0	11	0.10	9.2
SEP												
28...	1	8.1	2.6	9.2	34	0.7	6.4	30	<1.0	11	0.10	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-PHOROUS TOTAL (MG/L AS P)	PHOS-PHOROUS DIS-SOLVED (MG/L AS P)	PHOS-PHOROUS ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
NOV												
17...	109	77	0.15	83.3	<0.100	0.050	0.06	1.1	0.090	0.080	0.050	0.15
JAN												
30...	101	78	0.14	101	<0.100	0.010	0.01	0.60	0.060	0.050	0.030	0.09
MAR												
22...	62	60	0.08	219	<0.100	0.030	0.04	0.70	0.060	0.060	0.030	0.09
MAY												
27...	86	60	0.12	72.7	0.190	0.050	0.06	1.0	0.150	0.140	0.130	0.40
JUL												
28...	86	--	--	--	<0.100	0.020	0.03	1.0	0.110	0.090	0.080	0.25
SEP												
28...	107	--	--	--	0.130	0.040	0.05	2.3	0.480	0.210	0.210	0.64

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--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)	MANGANESE, DISSOLVED (UG/L AS MN)
NOV												
17...	270	<1	49	<0.5	2	<1	3	2	750	<5	<4	29
JAN												
30...	200	<1	41	<0.5	<1	<1	<3	2	510	<5	<4	19
MAY												
27...	190	<1	51	<0.5	<1	<1	<3	1	660	1	<4	76
JUL												
28...	300	1	53	<0.5	<1	1	<3	3	660	2	<4	15

DATE	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											
17...	--	<10	<1	<1	<1.0	23	<6	22	2	1.5	100
JAN											
30...	0.1	<10	1	<1	<1.0	21	<6	13	3	3.0	100
MAR											
22...	--	--	--	--	--	--	--	--	2	7.1	100
MAY											
27...	<0.1	<10	2	<1	<1.0	28	<6	66	13	11	71
JUL											
28...	0.2	<10	<1	<1	<1.0	23	<6	33	5	39	100
SEP											
28...	--	--	--	--	--	--	--	--	20	35	99

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

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC

LOCATION.--Lat 33°14'09'', long 79°12'15'', Georgetown County, Hydrologic Unit 03040207, on right bank, at Tom Yawkey Wildlife Center, 2.7 mi above mouth, and 10.9 mi southeast of Georgetown.

PERIOD OF RECORD.--May 1986 to August 1989 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1986 to August 1989.
pH: May 1986 to August 1989.
WATER TEMPERATURE: May 1986 to August 1989.
DISSOLVED OXYGEN: May 1986 to August 1989.

INSTRUMENTATION.-- Water-quality monitor since May 1986 to August 1989.

REMARKS.--Specific conductance values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 59,600 microsiemens, Aug. 1, 1988; minimum, 100 microsiemens, several days in Mar. 1987.
pH: Maximum, 9.2 units, May 31, June 1, 1987; minimum, 4.7 units, Aug. 18, 1986.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 10, 1987, July 31, Aug. 6, 8, 9, 1988, Aug. 6, 1989; minimum, 2.0°C, Jan. 15, 1988.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Feb. 24, 1989; minimum, 2.7 mg/L, June 15, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 58,100 microsiemens, July 15; minimum, 400 microsiemens, Apr. 9.
pH: Maximum recorded, 8.4 units, Jan. 22; minimum, 6.0 units, Oct. 12.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 6; minimum, 7.0°C, Dec. 18.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Feb. 24; minimum, 2.9 mg/L, May 17, June 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	50500	15200	29800	50800	24000	35000	50800	15200	30000	50100	21000	34200
2	50600	14200	29000	50800	24500	35600	51300	16400	29000	49900	21200	33400
3	51000	16000	29000	50400	25600	36400	51900	18700	33300	49500	22500	34900
4	51000	16000	29100	51600	25000	36600	52900	18000	32800	49800	20700	33900
5	50800	17200	32300	51400	25500	37300	52300	19000	33900	49900	21000	37500
6	51300	19500	33900	51000	22100	33100	49600	16200	32000	50100	22600	36000
7	51200	22900	35100	50300	15900	31100	49300	18600	33100	48400	21600	35000
8	54800	25300	36600	50700	12500	32400	53100	15600	36700	49100	22700	37800
9	52500	22600	35600	49500	14100	30200	55300	21200	39100	50200	20500	35600
10	51700	22900	35000	50900	15400	34500	50800	21300	36700	49100	21100	34000
11	53200	19700	33800	49000	17300	32200	50700	21100	35400	46100	21200	33500
12	50100	15700	30400	51900	17200	35100	53000	20500	36300	48200	19400	33500
13	53500	13500	31200	53300	17000	36700	54100	24500	39000	48300	12600	29500
14	50000	15800	31700	50000	20000	36000	53700	23400	38300	50100	16400	33400
15	52900	17800	32200	50700	23600	35400	52400	22100	36800	50600	15700	32500
16	52400	18200	33100	49700	21700	36600	52900	21900	36700	50700	13800	30800
17	51300	18200	32600	51600	20700	35600	53700	24300	39900	47800	17100	30500
18	49300	19100	33500	46500	18700	33300	52400	22800	37200	48600	15100	31200
19	48500	20300	33300	46700	21400	35100	51900	23600	37600	49100	14700	30100
20	53500	22600	38000	47400	22200	35700	50400	21300	35700	49400	14700	31200
21	53800	28700	42200	46900	16200	31300	50500	20600	37400	48000	12000	29700
22	53300	28800	41900	51300	16600	37000	50300	21300	36500	50900	16000	32900
23	52900	26300	42100	51800	20900	37000	50900	22700	37600	50500	19500	34200
24	52200	29100	42200	51500	21000	35200	48800	24600	37900	48900	20900	34000
25	50700	24500	39200	51400	22700	36800	49100	23800	36800	50100	19800	32700
26	50500	26600	39600	53400	21100	37300	50000	21200	36100	49300	14800	30200
27	51100	26100	40100	52900	22700	38600	49500	22900	36600	49600	16700	31300
28	51400	26700	39900	52100	15800	31100	49800	23700	35900	50400	17600	30500
29	49200	23100	37100	49700	15200	30600	50700	21000	33000	49900	16400	28300
30	50200	21600	35900	50000	16900	28900	50000	21800	34000	49700	16100	29700
31	52300	23100	38000	---	---	---	49100	21200	32700	48300	15700	29800
MONTH	54800	13500	35300	53400	12500	34600	55300	15200	35600	50900	12000	32600

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	49200	18400	33300	47900	9100	22300	51000	4900	20700	---	---	---
2	50700	20300	34500	47200	9200	22800	49300	6400	22700	---	---	---
3	49500	19600	35400	50000	13600	26300	49100	4500	20300	---	---	---
4	49800	20400	37800	48200	12000	24200	48100	2800	19700	---	---	---
5	50300	23300	39000	44700	9200	25900	49600	1500	19400	---	---	---
6	49900	24800	38300	47600	10000	28600	49800	1500	17300	---	---	---
7	50900	25300	39700	48500	7800	26400	48300	900	18000	---	---	---
8	50200	22700	38100	51400	9900	28800	45200	1200	15700	---	---	---
9	48200	24100	37200	52000	10800	29300	44300	400	14000	---	---	---
10	48700	23700	36800	50600	12900	29300	43000	1100	10200	---	---	---
11	50500	22300	36700	49400	9100	25500	46400	1300	11200	---	---	---
12	50400	21400	36100	50500	2500	17300	49000	2800	11400	---	---	---
13	48600	19800	34700	48800	2700	16500	46200	2200	12400	---	---	---
14	49400	17400	33300	48600	1200	10200	43600	1900	11100	---	---	---
15	49300	20200	33300	46700	1000	12000	48500	2200	13100	---	---	---
16	49900	19300	35400	46900	1000	9640	46100	3200	14900	---	---	---
17	50600	20300	36600	47600	2600	14600	44000	1800	14200	53500	5800	20800
18	50200	22900	37700	41700	2600	14700	47200	2600	15100	51200	6300	20800
19	49100	27200	38200	47100	2200	16000	48200	2000	13200	51900	4300	20300
20	49200	27800	37900	45800	4400	19100	53000	2800	19600	48700	6600	21000
21	50800	28100	39700	41900	2400	15900	49800	5800	21500	50300	4400	21300
22	51400	25000	37600	48900	2100	20700	48400	4300	18600	53900	3900	20400
23	52400	23000	36400	48500	7300	22100	50800	1000	13800	51800	4000	20800
24	52100	17600	31500	35300	4300	16400	48800	2200	13000	55800	5000	21500
25	52600	17500	33000	44400	4700	17700	50200	2000	12300	55200	7300	24100
26	52900	18000	32300	42100	3600	16700	51600	3000	13300	56800	8800	26800
27	48300	15600	29500	43100	3500	14600	55600	5000	18300	55300	8600	27800
28	49400	9000	24700	41600	2900	14100	52000	5800	20200	57600	9700	32900
29	---	---	---	47500	3800	16100	52000	6200	23500	56300	15500	32700
30	---	---	---	53600	5000	21000	55400	5000	24300	54400	15100	33600
31	---	---	---	51400	4100	21200	---	---	---	55500	17300	35300
MONTH	52900	9000	35500	53600	1000	19900	55600	400	16400	57600	3900	25300
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	56000	18100	37700	---	---	---	51300	9900	25400	---	---	---
2	56600	20400	39400	---	---	---	53400	10100	28000	---	---	---
3	56700	22800	42300	---	---	---	55300	13700	29800	---	---	---
4	57700	25800	43000	---	---	---	53200	13200	28600	---	---	---
5	55500	22400	36900	---	---	---	48700	10100	25400	---	---	---
6	45200	21200	33200	---	---	---	48400	9400	24200	---	---	---
7	38000	25400	32000	43700	11200	24700	49400	12200	25900	---	---	---
8	39500	21400	32100	46400	9800	25400	52500	10600	26200	---	---	---
9	46300	26700	36700	48100	12500	28900	54800	14400	28100	---	---	---
10	31200	28000	29800	46900	13800	28300	49300	15900	25700	---	---	---
11	28100	25100	26800	52000	13500	29400	56900	14900	29400	---	---	---
12	29500	25400	27100	55000	15800	33100	55900	18500	32600	---	---	---
13	26100	24800	25500	57100	17500	35200	54800	18000	32100	---	---	---
14	32700	24100	26500	56400	18300	34500	52400	19200	32000	---	---	---
15	40000	18500	28800	58100	18500	38300	52200	16000	33500	---	---	---
16	40700	20900	32300	53200	22700	37900	53100	21200	35100	---	---	---
17	37500	16800	31700	55200	20900	37100	53700	21900	36800	---	---	---
18	32400	21200	27000	56500	20400	36500	53000	17700	35400	---	---	---
19	28100	22300	25600	53500	23700	38700	54600	18000	38100	---	---	---
20	29600	21000	25500	53700	20700	37500	53800	18800	35800	---	---	---
21	26800	16300	23100	53300	19500	36000	---	---	---	---	---	---
22	39900	15000	24000	53300	16100	33000	---	---	---	---	---	---
23	48500	15500	30100	52100	13600	28700	---	---	---	---	---	---
24	46600	16800	29700	54300	11300	27400	---	---	---	---	---	---
25	46100	15200	29100	53400	11600	29900	---	---	---	---	---	---
26	47200	14600	29600	53900	12100	28900	---	---	---	---	---	---
27	52400	15200	32400	55300	11400	29000	---	---	---	---	---	---
28	51800	13100	33500	55400	7700	25000	---	---	---	---	---	---
29	---	---	---	55700	10400	30900	---	---	---	---	---	---
30	---	---	---	52600	14800	32500	---	---	---	---	---	---
31	---	---	---	51800	12100	29100	---	---	---	---	---	---
MONTH	57700	13100	31100	58100	7700	31800	56900	9400	30400	---	---	---
YEAR	58100	400	30000									

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	6.9	7.9	7.5	8.0	7.8	7.7	7.4	8.2	7.8	7.9	7.4
2	7.4	6.8	7.9	7.5	8.0	7.8	7.7	7.4	8.1	7.7	7.9	7.3
3	7.3	6.7	7.8	7.5	8.1	7.8	7.7	7.5	8.1	7.6	7.9	7.4
4	7.3	6.6	7.9	7.5	8.1	7.8	7.9	7.5	8.1	7.7	7.9	7.4
5	7.0	6.5	7.9	7.5	8.1	7.8	7.9	7.6	8.1	7.8	7.9	7.3
6	6.9	6.5	7.9	7.5	8.1	7.8	8.0	7.8	8.2	7.7	7.9	7.3
7	6.8	6.6	7.9	7.4	8.1	7.7	8.0	7.7	8.1	7.7	7.9	7.3
8	6.8	6.5	7.9	7.4	8.1	7.6	8.0	7.7	8.1	7.6	7.8	7.4
9	6.7	6.3	7.9	7.4	7.9	7.5	8.0	7.6	8.0	7.6	7.8	7.4
10	6.7	6.4	7.9	7.4	7.9	7.5	8.0	7.7	8.0	7.6	7.8	7.4
11	6.5	6.2	7.9	7.5	7.9	7.5	7.8	7.5	8.0	7.5	7.8	7.2
12	6.9	6.0	8.0	7.6	7.9	7.6	7.7	7.4	8.0	7.6	7.8	6.8
13	7.0	6.3	7.8	7.7	7.9	7.7	7.8	7.2	7.9	7.6	7.8	6.8
14	7.0	6.5	7.8	7.7	7.9	7.6	7.8	7.3	7.9	7.3	7.8	6.7
15	7.1	6.5	8.0	7.7	7.9	7.6	7.9	7.3	7.9	7.6	7.7	6.7
16	7.1	6.6	7.8	7.7	7.9	7.7	8.0	7.1	7.9	7.4	7.8	6.8
17	7.2	6.5	8.0	7.7	7.9	7.6	8.0	7.3	7.9	7.6	7.8	6.9
18	7.2	6.6	8.0	7.7	7.9	7.6	8.0	7.5	7.9	7.7	7.8	6.8
19	7.3	6.7	8.0	7.8	7.9	7.6	8.0	7.4	7.9	7.4	7.9	6.8
20	7.3	6.9	8.0	7.6	7.9	7.6	8.2	7.3	7.8	7.4	8.1	7.2
21	7.4	7.0	8.0	7.6	7.9	7.5	8.3	7.5	7.9	7.5	8.0	7.1
22	7.4	7.0	8.0	7.7	7.9	7.5	8.4	8.0	8.0	7.6	8.1	7.2
23	7.6	7.0	8.0	7.8	7.8	7.6	8.3	7.9	8.0	7.6	8.1	7.4
24	7.6	7.1	8.0	7.6	7.9	7.5	8.3	7.8	8.0	7.6	8.0	7.2
25	7.6	6.9	8.0	7.5	7.9	7.6	8.3	7.7	8.0	7.7	7.9	7.1
26	7.7	7.1	8.0	7.6	7.8	7.6	8.1	7.6	8.0	7.7	7.8	7.0
27	7.8	7.2	8.0	7.7	7.7	7.5	8.0	7.7	8.0	7.6	7.6	6.9
28	7.8	7.2	8.0	7.7	7.6	7.3	8.1	7.7	7.9	7.5	7.7	6.9
29	7.8	7.2	8.0	7.8	7.6	7.4	8.1	7.6	---	---	7.9	6.7
30	7.9	7.4	8.0	7.8	7.7	7.4	8.1	7.7	---	---	7.9	6.9
31	8.0	7.5	---	---	7.6	7.3	8.2	7.7	---	---	7.9	6.9
MONTH	8.0	6.0	8.0	7.4	8.1	7.3	8.4	7.1	8.2	7.3	8.1	6.7

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

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	24.0	25.5	---	---	---	31.0	27.0	28.5			
2	27.5	24.0	26.0	---	---	---	30.5	26.5	28.0			
3	28.5	25.0	26.5	---	---	---	30.0	27.0	28.0			
4	28.5	25.5	27.0	---	---	---	30.0	27.5	28.5			
5	29.0	26.0	27.5	---	---	---	30.0	27.0	28.5			
6	27.5	26.5	27.0	---	---	---	32.0	26.5	28.5			
7	27.5	26.0	26.5	29.0	27.0	28.0	30.0	26.5	28.0			
8	27.0	26.0	26.5	29.5	27.5	28.0	28.0	25.5	27.0			
9	26.5	25.5	26.0	29.0	27.5	28.0	26.0	24.5	25.0			
10	27.5	25.5	26.5	29.5	27.5	28.5	25.0	24.0	24.5			
11	28.0	26.0	27.0	---	---	---	24.5	23.5	24.0			
12	29.0	26.5	27.5	---	---	---	25.5	23.5	24.5			
13	28.5	27.0	27.5	---	---	---	27.0	24.5	25.0			
14	30.0	27.0	28.0	---	---	---	25.5	25.0	25.5			
15	30.0	27.0	28.5	---	---	---	27.0	25.0	25.5			
16	29.5	27.0	28.0	---	---	---	27.5	25.5	26.0			
17	29.0	26.5	27.5	---	---	---	27.5	26.0	26.5			
18	29.5	26.5	28.0	---	---	---	28.0	25.5	26.5			
19	29.5	26.0	28.0	---	---	---	27.0	26.0	26.5			
20	29.5	26.5	28.0	---	---	---	29.0	25.5	26.5			
21	29.0	26.0	28.0	---	---	---	---	---	---			
22	29.0	26.5	27.5	---	---	---	---	---	---			
23	28.0	26.0	27.5	---	---	---	---	---	---			
24	29.0	26.0	27.5	---	---	---	---	---	---			
25	28.5	26.0	27.0	---	---	---	---	---	---			
26	29.0	26.0	27.5	---	---	---	---	---	---			
27	29.5	27.0	28.0	---	---	---	---	---	---			
28	29.5	26.5	28.0	---	---	---	---	---	---			
29	---	---	---	30.0	27.0	28.0	---	---	---			
30	---	---	---	30.0	27.5	28.5	---	---	---			
31	---	---	---	30.0	28.0	28.5	---	---	---			
MONTH	30.0	24.0	27.5	30.0	27.0	28.0	32.0	23.5	26.5			
YEAR	32.0	7.0	17.5									

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.2	5.3	5.7	8.0	7.3	7.8	9.5	8.6	9.1	10.0	9.4	9.7
2	6.0	4.9	5.3	7.9	7.5	7.7	10.1	9.0	9.5	10.0	9.2	9.6
3	5.6	4.6	5.0	7.7	7.1	7.5	9.7	8.8	9.3	10.4	9.3	9.6
4	5.8	4.6	5.3	7.5	7.0	7.3	9.9	9.0	9.5	10.6	9.2	9.8
5	6.1	5.0	5.6	7.7	7.0	7.4	10.0	9.2	9.6	9.6	9.1	9.4
6	6.6	5.5	6.0	7.7	7.1	7.4	9.8	9.0	9.3	9.5	8.9	9.2
7	6.7	6.0	6.4	8.0	7.0	7.6	9.8	8.8	9.3	9.5	8.8	9.1
8	6.9	6.3	6.5	8.1	7.3	7.7	10.2	8.8	9.5	9.3	8.5	9.0
9	6.9	5.9	6.4	8.1	7.1	7.6	10.6	9.0	9.8	9.2	8.5	8.9
10	6.7	6.0	6.3	8.2	6.9	7.6	10.4	9.6	10.0	9.4	8.9	9.1
11	6.5	5.7	6.1	8.2	6.9	7.6	10.5	9.3	9.9	9.4	8.8	9.1
12	7.1	5.5	6.3	8.5	7.7	8.2	11.4	10.5	10.8	9.3	8.6	8.9
13	7.6	6.9	7.2	8.6	7.9	8.2	11.2	10.6	10.8	9.2	8.4	8.9
14	7.8	7.0	7.4	8.4	7.7	8.1	10.9	10.3	10.6	9.5	9.0	9.3
15	7.7	6.6	7.3	8.8	7.6	8.1	10.7	10.3	10.4	9.3	8.6	9.0
16	8.1	7.0	7.4	8.5	7.6	8.2	11.2	10.3	10.7	9.2	8.3	8.9
17	8.1	6.9	7.4	9.6	8.1	8.8	10.8	10.4	10.6	9.2	8.6	9.0
18	7.9	6.9	7.4	9.6	9.0	9.3	10.9	10.4	10.6	9.3	8.4	8.9
19	7.8	7.0	7.4	9.7	8.5	9.3	11.0	10.4	10.7	9.4	8.5	8.8
20	8.1	7.4	7.8	9.1	8.0	8.7	11.0	10.4	10.7	9.2	8.2	8.8
21	8.2	7.5	7.9	9.6	8.1	8.7	11.1	10.3	10.7	10.8	8.6	9.7
22	8.1	7.2	7.7	9.8	8.8	9.3	11.0	10.1	10.6	10.9	9.7	10.3
23	8.1	7.3	7.7	9.5	9.0	9.3	11.0	10.2	10.6	10.4	9.9	10.2
24	7.8	6.8	7.3	9.8	9.0	9.4	10.8	10.1	10.4	10.5	9.8	10.2
25	7.6	6.7	7.2	9.6	8.5	9.2	10.6	9.7	10.2	11.3	10.0	10.6
26	7.7	6.8	7.2	9.6	8.6	9.1	10.7	10.0	10.3	11.8	10.3	11.0
27	7.7	6.8	7.2	9.3	8.5	9.0	10.8	10.1	10.4	10.7	10.2	10.4
28	7.5	6.2	7.1	9.3	8.6	8.9	10.4	9.8	10.1	10.6	10.0	10.3
29	7.5	6.6	7.1	9.9	9.0	9.4	10.4	9.8	10.1	10.6	10.0	10.2
30	7.6	7.2	7.4	9.6	8.8	9.2	10.2	9.7	9.9	10.5	9.8	10.1
31	7.8	7.3	7.7	---	---	---	10.1	9.6	9.8	10.4	9.7	10.1
MONTH	8.2	4.6	6.8	9.9	6.9	8.4	11.4	8.6	10.1	11.8	8.2	9.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.4	9.8	10.1	11.4	10.8	11.1	8.0	5.2	7.0	---	---	---
2	10.1	9.2	9.9	11.5	10.9	11.2	8.9	6.6	7.2	---	---	---
3	10.0	9.0	9.7	11.5	10.3	11.2	8.2	6.3	7.1	---	---	---
4	9.8	8.8	9.6	11.4	10.4	11.0	8.3	5.9	7.1	---	---	---
5	10.0	9.3	9.7	11.4	10.0	10.8	8.1	5.2	6.9	---	---	---
6	10.0	8.9	9.5	11.1	9.7	10.4	8.6	5.8	7.0	---	---	---
7	10.0	8.4	9.2	11.0	9.4	10.3	8.5	5.9	7.2	---	---	---
8	9.5	7.9	8.8	11.6	10.5	11.2	8.5	5.0	6.9	---	---	---
9	9.6	8.5	9.0	11.7	10.9	11.4	8.2	5.3	6.8	---	---	---
10	10.1	8.5	9.2	11.7	10.9	11.4	8.7	6.0	7.3	---	---	---
11	10.0	8.7	9.4	11.6	9.9	11.0	9.1	6.9	8.2	---	---	---
12	10.1	8.9	9.5	11.4	9.0	10.1	8.7	6.6	7.7	---	---	---
13	10.1	9.0	9.6	11.2	9.7	10.3	8.2	5.8	7.2	---	---	---
14	9.9	8.8	9.5	11.0	9.2	9.8	7.6	5.3	6.6	---	---	---
15	10.0	8.6	9.5	10.9	9.1	9.6	8.1	5.4	6.7	---	---	---
16	10.3	8.8	9.7	10.7	9.2	9.7	7.8	5.6	6.6	---	---	---
17	10.7	9.9	10.4	10.8	8.9	9.7	7.4	5.1	6.4	5.4	2.9	4.5
18	11.0	10.4	10.7	10.6	8.6	9.2	7.3	5.1	6.2	5.4	3.3	4.5
19	11.1	10.5	10.8	10.8	8.5	9.5	7.4	5.2	6.3	5.7	3.9	4.9
20	11.1	10.4	10.8	10.7	9.2	9.9	8.4	5.2	7.0	6.1	3.2	4.8
21	11.2	10.2	10.8	10.3	8.6	9.3	7.8	4.8	6.7	6.2	3.7	4.6
22	11.1	9.9	10.6	10.4	8.6	9.6	7.6	5.0	6.5	5.3	3.1	4.4
23	11.1	9.9	10.6	10.4	9.4	10.0	7.0	5.5	6.2	5.6	3.5	4.7
24	12.8	11.0	11.6	10.3	8.6	9.5	6.6	4.9	5.7	5.7	4.0	4.9
25	11.8	11.2	11.5	10.3	8.0	8.8	7.8	4.5	5.7	6.1	4.0	5.0
26	11.8	11.1	11.4	10.2	7.7	8.6	7.6	4.7	5.7	6.1	4.0	5.0
27	11.7	11.0	11.4	10.1	7.7	8.3	7.1	4.3	5.6	6.1	4.3	5.2
28	11.5	10.9	11.1	10.0	7.7	8.3	7.4	4.4	5.7	7.0	5.4	6.1
29	---	---	---	9.9	6.6	7.9	6.9	4.9	5.9	7.5	5.4	6.1
30	---	---	---	7.9	5.5	7.1	6.8	4.3	5.6	6.8	4.4	5.6
31	---	---	---	8.0	6.7	7.5	---	---	---	7.0	4.4	5.6
MONTH	12.8	7.9	10.1	11.7	5.5	9.8	9.1	4.3	6.6	7.5	2.9	5.1

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.9	4.2	5.5	---	---	---	6.3	4.5	5.4	---	---	---
2	6.8	4.9	5.7	---	---	---	6.5	4.1	5.4	---	---	---
3	7.0	5.3	6.1	---	---	---	6.7	4.4	5.7	---	---	---
4	6.7	4.1	5.7	---	---	---	6.7	4.6	5.6	---	---	---
5	8.8	3.8	6.4	---	---	---	7.1	3.9	5.5	---	---	---
6	8.3	5.1	6.2	---	---	---	7.9	4.0	5.6	---	---	---
7	8.1	4.4	6.5	6.3	4.2	5.3	7.4	3.9	5.2	---	---	---
8	7.7	4.7	6.3	6.6	4.6	5.4	6.7	4.8	5.5	---	---	---
9	8.6	5.9	7.3	6.2	4.8	5.4	6.8	5.2	6.1	---	---	---
10	7.6	4.8	6.1	6.2	4.2	5.2	6.6	4.9	6.0	---	---	---
11	7.8	5.2	6.2	6.2	3.7	4.9	6.4	5.0	6.0	---	---	---
12	8.5	4.8	6.6	6.3	4.3	5.2	6.7	4.6	5.8	---	---	---
13	7.2	3.3	5.9	6.1	4.1	5.2	6.8	4.5	5.8	---	---	---
14	6.9	3.8	5.6	6.6	3.8	5.1	6.5	4.4	5.8	---	---	---
15	8.0	4.4	6.0	6.1	4.4	5.4	6.3	4.1	5.6	---	---	---
16	7.1	2.9	5.8	5.8	4.2	5.1	6.3	4.3	5.4	---	---	---
17	8.0	3.9	5.5	5.7	3.7	4.9	6.0	4.0	5.2	---	---	---
18	7.3	3.6	5.4	5.6	3.3	4.8	6.4	4.0	5.3	---	---	---
19	6.6	4.1	5.6	5.8	3.7	4.7	6.4	4.5	5.5	---	---	---
20	7.2	4.2	5.9	5.5	3.5	4.6	6.6	4.5	5.5	---	---	---
21	6.8	4.7	6.0	5.6	3.8	4.7	---	---	---	---	---	---
22	7.3	4.7	5.8	5.8	3.6	4.7	---	---	---	---	---	---
23	6.9	4.4	5.5	6.0	3.6	4.7	---	---	---	---	---	---
24	8.0	4.6	6.2	6.3	3.2	4.7	---	---	---	---	---	---
25	7.7	5.1	6.4	6.2	4.2	5.0	---	---	---	---	---	---
26	8.0	4.2	6.1	6.1	4.0	4.9	---	---	---	---	---	---
27	7.6	5.3	6.2	5.1	3.0	4.4	---	---	---	---	---	---
28	7.3	4.8	6.2	7.1	3.5	5.0	---	---	---	---	---	---
29	---	---	---	6.5	4.7	5.5	---	---	---	---	---	---
30	---	---	---	6.7	4.2	5.7	---	---	---	---	---	---
31	---	---	---	6.5	3.5	5.3	---	---	---	---	---	---
MONTH	8.8	2.9	6.0	7.1	3.0	5.0	7.9	3.9	5.6	---	---	---
YEAR	12.8	2.9	7.8									

NOTE.--Dissolved oxygen concentrations are not corrected for salinity.

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.--Records good, except for estimated daily discharges: Oct. 1 -31, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--55 years, 4,437 ft^3/s, 19.75 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, 227 ft^3/s, Apr. 26, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 14,800 ft^3/s, Mar. 24, gage height, 7.84 ft; minimum daily, 603 ft^3/s, Nov. 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	605	2090	3080	4130	1750	5650	6610	6000	2280	902	1080	1310
2	700	1300	2490	3500	4290	7270	4940	5360	838	966	2750	977
3	1700	1280	1700	3240	2230	8150	5190	2850	919	1260	7630	2250
4	1300	665	1240	4320	771	1120	4100	7110	824	4280	7790	3300
5	2900	637	2680	3890	805	7320	3750	6880	1660	8730	5520	6040
6	700	738	2340	2330	734	6490	9110	5610	689	7570	1540	6910
7	625	842	2380	857	2100	6230	9590	5900	699	7560	4600	2690
8	700	656	2380	1530	1160	7120	5840	8860	1230	7530	2440	4310
9	690	611	726	3740	2830	7940	4030	8600	720	1960	966	1050
10	1000	644	1780	1520	2690	9660	5370	3980	3510	7460	1490	1020
11	1400	622	671	833	1820	9410	7380	6110	1860	8300	1020	2030
12	2100	642	6530	2300	2190	7670	4270	7690	2950	7400	970	1880
13	800	630	3910	4960	781	10200	2440	4750	2110	9780	905	4870
14	1700	2670	2400	5620	751	10400	1410	2260	3520	6470	878	1260
15	1300	2400	2610	3880	753	4690	1350	6510	1960	8310	931	3160
16	800	603	2230	3130	758	7830	1520	8160	3590	3950	2100	1050
17	800	715	739	2760	4170	6140	4390	5390	4310	3540	2470	952
18	880	819	670	1220	4450	2050	3080	6780	1820	2800	1020	4820
19	1350	666	926	848	2940	1940	979	1500	4060	4120	839	9790
20	1400	627	737	1840	4260	4440	4510	843	5620	7480	927	4720
21	1050	635	689	4470	4460	3480	6210	2080	4600	4610	3170	8280
22	1270	677	769	2550	960	3140	2360	5210	6480	4490	4920	10400
23	1030	697	691	898	1510	6330	1080	7260	6740	4700	6200	3570
24	1390	2020	820	780	2830	12800	1170	3500	8210	7140	9310	5140
25	1310	666	811	964	2960	4650	821	5250	4540	6480	3770	6260
26	810	665	1530	975	2620	4070	671	3590	6360	5630	1550	8320
27	1000	720	1240	1530	5090	7070	2310	3620	6450	4940	1640	7960
28	900	1400	1340	778	7490	8900	940	1360	4510	2300	3450	8640
29	780	3410	1780	790	---	7010	874	1200	1340	1400	1850	7030
30	730	3950	1340	1440	---	7250	1050	2450	2210	1420	2610	9690
31	1400	---	1350	2720	---	7350	---	3320	---	1050	2420	---
TOTAL	35120	34697	54579	74343	70153	203770	107345	149983	96609	154528	88756	139679
MEAN	1133	1157	1761	2398	2505	6573	3578	4838	3220	4985	2863	4656
MAX	2900	3950	6530	5620	7490	12800	9590	8860	8210	9780	9310	10400
MIN	605	603	670	778	734	1120	671	843	689	902	839	952

CAL YR 1988 TOTAL 663185 MEAN 1812 MAX 9930 MIN 527
WTR YR 1989 TOTAL 1209562 MEAN 3314 MAX 12800 MIN 603

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 mi^2, 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 and data collection platform. Datum of gage is 446.18 ft above National Geodetic Vertical Datum of 1929 (levels by Bowaters Carolina Corporation). June 1906 to Dec. 21, 1948, nonrecording gage at site 2.1 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--21 years, 5,289 ft^3/s, 20.35 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,600 ft^3/s Oct. 9, 1976, gage height, 23.81 ft; minimum daily, 480 ft^3/s Apr. 26, 1986, from hydrograph comparison.

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 33,900 ft^3/s, Mar. 24, gage height, 14.36 ft; minimum daily, 761 ft^3/s Oct. 9, 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	787	5190	3970	7340	2170	14500	8460	7340	2590	1750	1700	1780
2	844	2810	3170	4210	4410	7550	6070	14000	1740	1130	1820	1410
3	1050	1840	2070	5270	3610	13400	5770	4990	1030	1210	7520	1850
4	2150	1080	1490	4310	1010	6380	5240	8140	1010	2920	8600	3520
5	1480	1080	3020	5220	939	8560	4990	8280	2000	10200	7060	5280
6	4150	1320	2670	3050	1100	10000	9350	9120	1050	8300	2790	8190
7	2210	1270	2710	1320	2100	11100	11000	7250	1100	8530	3270	2820
8	894	1010	2880	1900	1580	8740	10100	9570	1290	10000	4670	4890
9	761	909	1000	3370	2790	9040	5120	9920	1230	3840	1170	2150
10	825	934	2040	2480	3050	11100	6520	11300	2150	6110	1380	1120
11	823	940	981	1450	2480	11500	9350	8290	3380	9300	1570	1460
12	1340	936	4700	1700	2040	9490	6240	9080	2960	7290	1140	2430
13	1840	923	6050	5670	1310	10500	3150	7370	3030	10800	1100	6140
14	3000	2160	2490	6850	920	11800	1990	2650	2760	7320	1160	2300
15	881	3420	3520	5450	938	8370	3340	6900	3240	9680	1290	2650
16	2280	938	2900	4030	897	6350	4160	10000	3770	5500	1570	2090
17	1530	1000	943	2610	3200	6950	5970	7870	6330	6980	4150	1300
18	900	1200	887	2420	5830	3730	3400	5830	2540	4880	3560	2670
19	1030	973	1090	1130	4710	2570	2610	4600	3570	3200	1460	10900
20	1790	927	898	1010	4940	3940	5600	1220	5790	10100	1230	5090
21	1250	930	912	4860	8890	5480	7130	2230	7320	6070	2110	9030
22	1990	870	911	3750	8630	3580	4040	4550	9200	8460	4800	15600
23	1230	933	902	1490	3200	10900	1580	7940	6390	5420	6100	16900
24	1670	2480	899	960	4240	28100	1690	5140	9670	6860	11700	6660
25	1630	1020	1030	1130	4240	18100	1260	4640	5940	7760	5790	7400
26	913	928	1220	1030	4170	5990	1040	5700	5430	5850	2140	10400
27	1450	963	1730	1730	4390	6510	1990	3570	8610	7640	1450	10100
28	1030	2770	1120	1100	15300	11200	2090	2600	5350	3710	3370	9610
29	957	4290	2240	975	---	8710	1160	1170	2740	2030	2960	8610
30	761	5060	1800	991	---	8490	1330	2140	1790	1740	3020	10500
31	828	---	3330	2570	---	8980	---	3870	---	1520	2800	---
TOTAL	44274	51104	65573	91376	103084	291610	141740	197270	115000	186100	104450	174850
MEAN	1428	1703	2115	2948	3682	9407	4725	6364	3833	6003	3369	5828
MAX	4150	5190	6050	7340	15300	28100	11000	14000	9670	10800	11700	16900
MIN	761	870	887	960	897	2570	1040	1170	1010	1130	1100	1120

CAL YR 1988 TOTAL 858477 MEAN 2346 MAX 12400 MIN 733
WTR YR 1989 TOTAL 1566431 MEAN 4292 MAX 28100 MIN 761

02147500 ROCKY CREEK AT GREAT FALLS, SC

LOCATION.--Lat 34°33'45'', long 80°55'00'', Chester County, Hydrologic Unit 03050103, on left bank, 350 ft downstream from Turkey Branch, 1.0 mi west of Great Falls, and at mile 1.8.

DRAINAGE AREA.--194 mi^2.

PERIOD OF RECORD.--February 1951 to September 1981, August 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 299 ft above National Geodetic Vertical Datum of 1929, (by barometer).

REMARKS.--Records good, except for estimated daily discharges: Feb 14, which are poor.

AVERAGE DISCHARGE.--33 years (water years 1952-81,1987-89), 193 ft^3/s, 13.51 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 31,300 ft^3/s, Aug. 23, 1967, gage height, 18.82 ft; minimum, 0.04 ft^3/s, Oct. 6-13, 1954.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 24	1200	7340	8.65	July 18	0400	*7820	*8.89
Apr. 16	0500	3910	6.61				

Minimum discharge, 16 ft^3/s, Oct. 2 - 3, gage height, 0.98 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	390	80	85	44	1470	131	219	69	43	151	41
2	17	186	66	115	44	456	113	1100	60	40	128	40
3	74	94	59	92	43	1150	106	417	50	38	88	38
4	388	68	55	117	42	1310	101	236	45	48	66	36
5	144	66	50	87	43	714	125	256	53	247	57	34
6	69	84	48	72	53	586	164	801	56	183	50	39
7	48	63	47	85	50	702	168	311	55	152	50	40
8	38	51	46	82	48	364	247	202	53	156	49	38
9	33	47	46	90	44	254	596	184	69	79	46	36
10	30	44	44	118	40	201	321	619	56	56	41	33
11	27	42	43	123	40	169	244	355	44	47	40	32
12	25	39	41	101	40	150	185	210	40	41	40	30
13	22	38	39	104	39	134	152	161	40	41	40	48
14	20	37	40	113	39	121	131	161	37	60	199	45
15	20	36	40	106	38	113	1960	245	38	44	102	36
16	21	35	40	104	38	110	2370	253	56	189	181	45
17	21	113	39	89	37	101	568	163	168	2080	266	39
18	20	173	36	77	39	95	327	132	75	4380	799	31
19	22	87	37	71	45	94	229	129	47	573	214	29
20	22	68	37	67	56	87	369	133	50	570	107	29
21	24	58	36	62	678	97	243	104	585	1130	81	30
22	37	51	36	57	2380	181	171	104	1520	992	68	743
23	30	54	36	55	602	1270	140	127	288	501	58	579
24	25	110	38	53	434	6300	127	97	139	398	64	154
25	22	90	39	52	368	1330	120	95	96	269	57	121
26	21	68	37	50	292	500	107	97	75	280	51	223
27	21	61	35	49	278	356	94	101	64	258	66	240
28	22	125	36	48	1720	250	86	99	55	157	58	121
29	24	193	36	45	---	191	88	98	53	125	51	90
30	23	106	35	45	---	160	94	81	48	76	48	111
31	31	---	44	46	---	154	---	78	---	88	46	---
TOTAL	1358	2677	1341	2460	7614	19170	9877	7368	4084	13341	3362	3151
MEAN	43.8	89.2	43.3	79.4	272	618	329	238	136	430	108	105
MAX	388	390	80	123	2380	6300	2370	1100	1520	4380	799	743
MIN	17	35	35	45	37	87	86	78	37	38	40	29

CAL YR 1988 TOTAL 29565.3 MEAN 80.8 MAX 1090 MIN 4.9
WTR YR 1989 TOTAL 75803 MEAN 208 MAX 6300 MIN 17

02148000 WATEREE RIVER NEAR CAMDEN, SC

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

DRAINAGE AREA.--5,070 mi^2, approximately.

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

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

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 119.36 ft above 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.--No estimated daily discharges. Records fair. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft^3).

AVERAGE DISCHARGE.--66 years (water years 1905-10, 1930-89), 6,316 ft^3/s, 16.92 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 366,000 ft^3/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 ft^3/s on basis of computation, by Duke Power Co., of peak flow 382,000 ft^3/s over dam at Rocky Creek Reservoir; minimum daily, 143 ft^3/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 ft^3/s, from rating curve extended above 122,000 ft^3/s, as explained above.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 40,300 ft^3/s, Mar. 25, gage height, 25.82 ft; minimum daily, 376 ft^3/s, Nov. 9, June 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1130	2310	5390	7240	1200	11600	13800	4500	1730	720	1020	1920
2	1230	2860	5440	10300	2470	14500	11200	13400	1290	1010	970	1120
3	1440	4790	2610	7350	5060	14700	5110	14000	908	1040	5560	850
4	1310	2780	663	6240	1990	16400	6510	13700	1360	3920	9400	1950
5	2400	4360	3880	4410	832	16200	3410	13200	1280	9720	9510	5310
6	4230	4820	5460	2770	882	14500	8400	12300	376	9200	5040	8300
7	3510	3810	3150	2660	3210	14800	11900	11100	995	9170	3880	4600
8	2060	433	2370	1910	1680	15100	11200	10300	1070	8710	1790	3490
9	1350	376	1460	5330	2070	14500	14000	11900	3420	6350	1190	1800
10	1480	505	1270	6210	1620	14600	10800	12800	3020	7800	2380	695
11	1190	947	1050	1400	1460	13800	9300	9800	1390	7950	1960	2960
12	2490	1260	4760	2410	2230	13400	9360	11100	2730	6830	2170	617
13	1920	1690	4610	4980	1990	13300	5270	10800	1600	9610	1990	1220
14	2420	2940	2080	6510	1480	13100	3250	4810	2550	8240	968	6580
15	1060	1690	3640	5610	1420	12900	7400	5840	1720	6920	945	5330
16	1950	1180	2370	3960	1290	12600	16000	9330	3110	8750	1180	1350
17	1940	544	2690	4340	2850	10400	14400	10600	10300	11300	1250	1040
18	1210	779	1780	2840	4090	8340	12100	10000	4950	12100	2450	2160
19	877	582	1370	1140	4340	2990	5980	5170	2990	12200	7180	4170
20	2110	784	502	2450	4740	3630	6670	2520	6260	8990	4120	9380
21	1160	678	550	4630	7700	2230	8070	2850	7020	8960	4690	10800
22	1080	1100	650	4950	10800	4610	5390	3650	11000	10900	4950	8190
23	960	2070	1150	1670	11000	8800	2930	4450	10800	11700	8100	10300
24	1250	3160	1080	1690	11000	20100	2240	4750	11200	11600	5590	11400
25	2090	622	1120	1760	10800	36900	2110	5660	7930	10100	10800	12300
26	873	717	1150	1240	10700	28200	2020	7140	8240	10600	3130	13500
27	1420	1220	694	1460	10700	19700	2460	3570	5180	5940	2340	12700
28	921	1800	672	846	10700	15800	2070	2480	5500	3840	3050	12500
29	743	3420	1110	1120	---	14300	2090	2270	5280	5070	3020	12600
30	980	5280	1070	1470	---	14500	2250	2940	1410	3380	3990	12700
31	968	---	1150	1880	---	14300	---	1540	---	1700	2390	---
TOTAL	49752	59507	66941	112776	130304	430800	217690	238470	126609	234320	117003	181832
MEAN	1605	1984	2159	3638	4654	13900	7256	7693	4220	7559	3774	6061
MAX	4230	5280	5460	10300	11000	36900	16000	14000	11200	12200	10800	13500
MIN	743	376	502	846	832	2230	2020	1540	376	720	945	617

CAL YR 1988 TOTAL 1053794 MEAN 2879 MAX 13600 MIN 212
WTR YR 1989 TOTAL 1966004 MEAN 5386 MAX 36900 MIN 376

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1988 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C, July 18, Aug. 16, 19, 1988; minimum, 6.0°C, Oct. 31, Nov. 1, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.0°C, Aug. 6; minimum, 6.0°C, Oct. 31, Nov. 1, 1988.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

REMARKS.--Records good, except for estimated daily discharges: May 8, July 1, 2, which are 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; less than about 10,000 ft^3/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach, therefore, the daily mean discharge is not shown for Mar. 4 - 15, Mar. 26 to Apr. 2, and May 6.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown; minimum daily, 549 ft^3/s, Oct. 22, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown; minimum daily, 1250 ft^3/s, Dec. 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1890	1590	4450	1760	2540	9180	---	3690	3220	4000	4290	4300
2	1610	2360	5310	4740	2240	9440	---	5110	2880	2700	3290	3380
3	1610	3050	5330	7730	2550	9860	9820	8920	2770	2110	3040	2820
4	1800	4210	4360	7190	4130	---	8840	9610	2150	2180	4610	2170
5	2080	4120	2620	6490	3730	---	8060	9790	2130	3800	7940	2140
6	2510	3970	2580	5550	2420	---	6820	---	2360	7690	8290	4980
7	3580	4840	4760	4140	1620	---	7780	9770	2060	8280	6810	7210
8	4140	4760	4370	3670	2390	---	9190	9580	1490	8260	4860	6250
9	3220	2690	3550	3260	3070	---	9460	9420	1870	8010	4380	5210
10	2520	1550	2820	4260	2690	---	9660	9510	2880	7150	2780	4040
11	2090	1300	2230	5850	2410	---	9650	9630	3980	7350	2760	2370
12	1940	1330	1860	3950	2290	---	9440	9390	3460	7480	3500	2500
13	2280	1420	3300	2860	2530	---	9030	9290	2840	7230	2980	2940
14	2600	2140	4870	4570	2590	---	7890	9170	3450	8030	3340	1680
15	2530	2660	3740	5930	2800	---	6680	7440	2390	7820	2530	4690
16	2240	2850	3790	5950	1950	9920	7800	6840	3240	7080	1960	5780
17	2060	2240	3450	4740	2040	9880	9710	8070	3210	7940	2010	3690
18	2470	1850	3320	4970	2440	9590	9850	8670	7220	8890	2230	2250
19	1970	1500	3220	4200	3770	8600	9850	8690	6430	9300	2720	2130
20	1700	1400	2380	3110	4630	6240	8970	7090	4530	9490	5830	4100
21	2030	1370	1850	2320	4690	5190	8070	4880	5670	9070	5820	7340
22	2030	1470	1380	4170	6950	4540	8220	4310	7100	8880	5110	9250
23	1660	1520	1250	5070	8710	5160	7320	4350	8570	9230	5800	9080
24	1670	1880	1400	3780	9170	8120	5700	5220	8990	9450	7080	9390
25	1630	3280	1690	2300	9300	9780	4800	5520	9030	9470	6840	9810
26	2190	2600	1740	2710	9310	---	4360	5980	8330	9220	8360	---
27	1920	1690	1760	2240	9270	---	4090	6810	7940	9130	6260	---
28	1720	1740	1710	2310	9220	---	4110	5450	6610	7900	3820	---
29	1720	2010	1400	1890	---	---	4000	4300	5950	6110	4160	---
30	1620	3030	1310	1730	---	---	3740	3630	6070	6190	4370	---
31	1390	---	1620	1990	---	---	---	3680	---	4960	4710	---
TOTAL	66420	72420	89420	125430	121450	---	---	---	138820	224400	142480	---
MEAN	2143	2414	2885	4046	4337	---	---	---	4627	7239	4596	---
MAX	4140	4840	5330	7730	9310	---	---	---	9030	9490	8360	---
MIN	1390	1300	1250	1730	1620	---	---	---	1490	2110	1960	---

CAL YR 1988 TOTAL 1164672 MEAN 3182 MAX 9900 MIN 607

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, data collection platform since October 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens, Oct. 20, 1988; minimum, 40 microsiemens, Sept. 1, 1984.
pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.8 units, Aug. 3, 1982, Mar. 10, 1988.
WATER TEMPERATURE: Maximum, 33.0°C, July 19, 20, 1986; minimum, 1.0°C, Jan. 22, 1985.
DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Jan. 22, 1977; minimum, 2.1 mg/L, Aug. 27, 1984.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 270 microsiemens, Oct. 20; minimum, 96 microsiemens, July 30.
pH: Maximum, 7.7 units, Oct. 24; minimum, 6.3 units, Mar. 15.
WATER TEMPERATURE: Maximum, 30.5°, July 13; minimum, 7.5°C, Dec. 19, 20.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Dec. 13; minimum, 4.5 mg/L, Sept. 24.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	206	198	204	195	187	192	210	201	205	224	216	221
2	201	195	198	186	179	183	214	208	210	240	207	224
3	201	195	199	181	161	173	212	204	207	240	235	238
4	227	194	208	192	151	175	215	204	209	235	230	233
5	218	206	211	197	190	194	217	215	216	236	228	233
6	207	140	194	196	187	192	217	197	208	235	227	231
7	197	152	179	199	195	197	218	206	215	234	230	232
8	204	196	202	199	195	197	215	212	214	235	228	232
9	204	201	202	195	193	194	215	212	213	233	227	231
10	226	198	211	193	170	184	216	213	214	247	221	231
11	228	222	226	182	165	175	215	209	211	249	236	244
12	231	224	228	168	146	154	214	204	210	241	233	238
13	229	212	220	185	169	178	218	203	208	233	207	222
14	222	217	220	197	177	187	223	219	222	243	212	231
15	222	209	215	201	191	198	223	219	221	244	239	243
16	218	209	213	203	198	201	224	219	221	247	241	245
17	223	212	218	202	196	198	223	218	221	243	232	241
18	240	221	230	204	191	198	222	219	221	247	231	243
19	263	241	252	206	199	204	229	220	225	249	240	244
20	270	203	247	201	165	195	224	220	221	246	241	244
21	201	183	190	184	156	161	220	215	216	240	226	234
22	194	191	193	199	173	187	215	206	211	255	216	239
23	198	194	197	191	182	187	208	202	204	258	249	255
24	199	191	195	190	183	187	206	196	201	255	253	254
25	202	195	199	204	189	197	219	198	212	254	236	246
26	204	196	200	205	197	200	234	217	223	248	236	241
27	213	203	206	196	176	188	239	228	234	250	238	247
28	213	187	200	176	165	168	237	232	235	241	233	237
29	208	195	202	187	167	180	236	229	232	244	237	240
30	206	204	205	202	189	195	234	203	220	241	231	235
31	208	193	202	---	---	---	223	205	214	237	225	231
MONTH	270	140	209	206	146	187	239	196	216	258	207	237

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	244	229	237	232	230	231	107	97	102	127	125	126
2	249	236	244	230	220	226	115	106	112	124	116	121
3	237	223	230	226	215	222	119	110	114	115	102	107
4	249	235	244	214	195	206	111	106	110	109	104	106
5	251	243	248	194	174	182	108	102	106	112	108	109
6	243	230	238	172	165	169	105	103	104	116	109	111
7	232	222	229	165	155	158	107	102	104	116	113	115
8	226	212	216	155	153	154	103	101	102	---	---	---
9	239	229	235	156	147	152	102	97	101	120	112	116
10	236	227	232	147	142	145	108	102	106	128	120	125
11	236	231	234	142	137	140	111	104	106	130	127	129
12	236	225	231	137	131	134	112	104	108	126	119	122
13	232	223	227	131	127	129	112	108	110	130	120	124
14	237	228	233	126	125	126	115	111	112	130	123	128
15	238	232	235	134	125	131	118	115	116	126	122	124
16	238	227	233	135	134	134	122	110	116	130	126	127
17	229	221	225	136	133	135	125	113	119	133	129	130
18	230	222	227	138	133	134	126	121	124	132	129	130
19	235	227	233	143	139	141	125	118	122	133	128	131
20	236	229	233	145	143	144	125	116	120	132	130	130
21	228	217	223	149	143	146	126	116	120	138	131	134
22	226	217	222	152	146	150	128	126	126	137	136	136
23	216	212	214	150	144	147	128	125	127	138	136	137
24	213	211	212	150	143	146	128	125	127	140	138	139
25	211	207	209	150	134	141	129	126	128	139	138	139
26	214	210	212	155	151	154	129	126	128	141	139	140
27	228	214	219	151	138	145	129	127	128	141	139	140
28	231	225	229	144	140	143	129	126	128	142	139	141
29	---	---	---	139	128	134	129	127	128	146	142	144
30	---	---	---	127	112	119	129	127	128	149	146	148
31	---	---	---	112	106	108	---	---	---	149	147	149
MONTH	251	207	229	232	106	152	129	97	116	149	102	129
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	151	148	149	---	---	---	138	107	120	136	124	128
2	160	149	155	---	---	---	148	131	139	126	122	124
3	159	150	156	187	149	168	146	128	137	130	122	126
4	163	154	158	189	180	185	145	119	131	133	125	128
5	164	156	159	178	154	165	124	117	119	166	131	156
6	164	154	157	167	153	159	121	118	120	144	136	140
7	163	156	158	153	148	150	120	118	119	140	130	134
8	163	158	161	154	148	152	118	116	117	134	130	132
9	165	155	159	153	151	152	148	118	132	139	132	135
10	161	151	155	155	152	153	160	148	154	139	133	135
11	154	151	152	158	154	157	162	148	156	157	136	140
12	154	148	152	161	158	159	152	145	147	163	148	156
13	157	144	152	163	158	160	155	148	151	163	143	151
14	153	144	150	162	161	162	152	147	150	154	143	149
15	156	147	153	162	157	160	169	153	161	164	142	157
16	161	143	154	160	155	157	177	169	172	156	152	154
17	151	146	149	159	158	159	179	122	171	161	155	157
18	155	147	150	159	156	158	162	123	149	163	155	157
19	148	139	143	159	154	157	153	129	145	164	148	156
20	143	137	139	154	147	152	134	125	131	154	147	150
21	152	139	147	147	135	141	136	130	133	155	149	152
22	151	120	139	136	132	134	138	130	134	153	145	147
23	151	129	145	135	129	131	139	120	130	149	136	141
24	156	149	152	130	125	127	137	133	135	147	124	135
25	159	155	156	125	122	123	134	125	129	154	137	145
26	163	151	155	122	119	120	129	122	126	161	146	152
27	164	163	164	120	118	119	127	118	120	165	152	159
28	165	163	164	118	108	113	137	130	132	168	157	161
29	164	163	163	113	98	106	140	128	133	170	160	163
30	165	161	162	126	96	112	131	123	128	171	161	164
31	---	---	---	113	109	111	130	124	127	---	---	---
MONTH	165	120	154	189	96	145	179	107	137	171	122	146
YEAR	270	96	171									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	23.5	24.5	---	---	---	27.5	27.0	27.5	28.5	27.5	28.0
2	26.0	24.5	25.5	---	---	---	27.5	27.0	27.0	28.5	27.5	28.0
3	26.0	25.0	25.5	27.5	26.5	27.0	28.0	27.0	27.5	28.0	27.0	27.5
4	26.5	25.5	26.0	26.5	26.0	26.5	29.0	27.5	28.0	27.0	26.0	26.5
5	27.0	25.5	26.0	26.5	25.5	26.0	28.5	28.0	28.0	26.0	24.5	25.0
6	26.5	25.5	26.0	27.0	26.0	26.5	28.5	28.0	28.5	25.5	24.0	25.0
7	25.5	24.5	25.0	27.0	26.5	27.0	29.0	28.5	28.5	26.0	25.5	26.0
8	25.0	24.5	24.5	27.5	27.0	27.5	28.5	28.0	28.5	26.5	26.0	26.0
9	24.5	24.0	24.5	28.5	27.5	28.0	28.0	26.0	27.0	27.0	26.0	26.5
10	25.0	24.0	24.5	29.0	28.5	28.5	26.0	24.5	25.5	27.5	26.0	27.0
11	25.0	24.0	24.5	29.5	29.0	29.0	24.5	24.0	24.0	27.5	26.5	27.0
12	26.5	24.5	25.5	30.0	29.0	29.5	26.0	24.5	25.0	28.0	27.0	27.5
13	26.5	25.5	26.0	30.5	29.0	30.0	26.0	25.5	26.0	28.0	27.0	27.5
14	26.5	25.5	26.0	29.0	28.5	29.0	26.5	26.0	26.0	27.5	26.5	27.0
15	27.0	25.5	26.0	29.0	28.0	28.5	26.5	26.0	26.0	27.0	26.5	26.5
16	26.5	25.5	26.0	29.0	28.0	28.5	27.5	26.0	26.5	27.0	26.5	26.5
17	25.5	25.0	25.5	28.0	28.0	28.0	27.0	26.5	27.0	27.5	26.5	27.0
18	26.0	24.5	25.0	28.0	28.0	28.0	27.5	26.5	27.0	26.5	26.0	26.5
19	27.0	26.0	26.5	28.5	28.0	28.0	27.0	26.5	26.5	26.0	24.5	25.0
20	27.0	26.0	26.5	28.5	28.0	28.0	27.5	26.5	27.0	25.0	24.0	24.5
21	26.5	26.0	26.5	27.5	27.0	27.5	27.5	27.0	27.5	25.5	24.5	25.0
22	26.5	26.0	26.0	28.0	27.0	27.5	28.5	27.0	27.5	25.5	25.5	25.5
23	26.5	26.0	26.0	28.0	27.0	27.5	28.0	27.5	28.0	25.5	25.5	25.5
24	27.0	26.5	27.0	28.0	27.5	27.5	28.5	27.0	27.5	25.5	24.5	24.5
25	27.0	27.0	27.0	28.0	27.5	27.5	27.5	27.0	27.0	24.5	23.5	23.5
26	27.5	27.0	27.5	28.0	27.5	27.5	27.5	27.0	27.5	23.5	23.0	23.0
27	27.5	27.0	27.5	27.5	27.0	27.5	28.0	27.5	27.5	23.5	23.0	23.5
28	28.5	27.5	28.0	27.5	27.0	27.0	28.0	27.5	27.5	23.0	22.5	23.0
29	28.0	27.5	28.0	28.0	27.0	27.5	28.0	27.0	27.5	23.0	22.5	23.0
30	27.5	27.0	27.0	28.0	27.5	28.0	28.0	27.0	27.5	23.0	22.5	23.0
31	---	---	---	27.5	27.0	27.0	28.5	27.0	27.5	---	---	---
MONTH	28.5	23.5	26.0	30.5	25.5	28.0	29.0	24.0	27.0	28.5	22.5	25.5
YEAR	30.5	7.5	18.5									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.9	5.8	6.3	---	---	---	6.3	5.9	6.0	6.9	6.4	6.7
2	6.8	5.8	6.1	---	---	---	6.2	6.1	6.1	7.1	6.6	6.8
3	6.7	5.9	6.2	8.1	7.4	7.7	6.3	6.1	6.2	6.9	6.7	6.8
4	6.6	5.9	6.2	8.6	8.0	8.3	6.3	5.5	6.1	7.2	6.8	7.0
5	6.7	6.0	6.4	8.7	8.2	8.5	5.5	5.2	5.3	7.7	7.1	7.3
6	7.1	6.1	6.6	8.1	6.5	7.0	5.3	5.1	5.2	7.7	6.5	7.2
7	7.3	6.4	6.6	7.2	6.6	7.0	5.4	5.1	5.3	6.6	6.1	6.4
8	6.7	6.0	6.4	7.1	6.7	7.0	6.3	5.3	5.8	6.5	6.1	6.2
9	6.6	6.1	6.4	7.1	6.5	6.9	6.4	6.1	6.2	6.7	6.3	6.5
10	6.8	6.4	6.5	7.0	6.1	6.5	7.0	6.4	6.7	7.1	6.6	6.8
11	6.4	5.6	5.9	6.4	5.4	6.0	7.5	7.1	7.3	7.3	6.6	6.9
12	6.6	5.6	6.0	5.6	5.0	5.4	7.4	7.1	7.3	7.3	6.7	7.0
13	6.5	6.0	6.3	5.1	4.7	5.0	7.3	7.0	7.1	6.9	6.5	6.7
14	6.4	5.9	6.2	4.8	4.7	4.8	7.3	7.0	7.1	6.8	6.4	6.6
15	6.5	6.0	6.3	4.8	4.7	4.8	7.4	7.0	7.2	6.7	5.7	6.4
16	6.6	5.7	6.3	5.1	4.7	4.9	7.4	7.0	7.1	5.9	5.6	5.8
17	6.9	6.5	6.7	4.8	4.6	4.7	7.6	7.0	7.3	6.8	5.7	6.3
18	6.7	5.3	5.7	4.9	4.7	4.8	7.5	7.0	7.2	7.5	6.7	7.0
19	6.9	5.6	6.3	5.0	4.6	4.8	7.5	7.1	7.3	7.1	6.7	6.9
20	6.9	6.1	6.6	5.1	4.8	4.9	7.1	6.4	6.7	7.3	6.7	7.0
21	6.8	6.2	6.5	5.1	4.7	4.8	6.7	6.4	6.5	6.6	6.3	6.5
22	6.5	5.8	6.2	5.2	4.9	5.1	7.0	6.4	6.7	6.4	5.8	6.1
23	6.3	5.5	5.8	5.3	5.2	5.2	6.7	6.4	6.6	5.8	4.8	5.3
24	6.1	5.8	6.0	5.3	5.1	5.2	6.4	6.1	6.3	5.2	4.5	4.9
25	6.3	5.7	6.0	5.5	5.3	5.3	6.5	6.1	6.3	5.7	5.1	5.4
26	6.3	5.7	6.0	5.5	5.3	5.4	6.3	5.9	6.1	5.8	5.4	5.5
27	6.4	6.0	6.2	5.4	5.3	5.4	6.6	6.2	6.4	5.6	5.3	5.5
28	6.8	6.0	6.4	5.5	5.2	5.3	6.9	6.3	6.5	5.3	5.2	5.2
29	7.1	6.5	6.8	5.4	5.1	5.3	7.0	6.7	6.8	5.4	5.3	5.3
30	7.2	6.7	7.0	5.8	5.5	5.6	7.1	6.7	6.9	5.5	5.2	5.3
31	---	---	---	5.9	5.6	5.8	7.0	6.7	6.8	---	---	---
MONTH	7.3	5.3	6.3	8.7	4.6	5.8	7.6	5.1	6.5	7.7	4.5	6.3
YEAR	11.5	4.5	8.1									

02153500 BROAD RIVER NEAR GAFFNEY, SC

LOCATION.--Lat 35°05'20'', long 81°34'20'', Cherokee County, Hydrologic Unit 03050105, on right bank at downstream side of bridge on U.S. Highway 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.

DRAINAGE AREA.--1,490 mi^2, approximately.

PERIOD OF RECORD.--July 1896 to December 1899 (gage heights and discharge measurements only), October 1938 to September 1971, October 1971 to May 1986 (Crest-Stage partial record), June 1986 to current year. Monthly discharge only for some periods, published in WSP 1303. Discharge for July 12, 1896 to December 31, 1899, published in the 18th, 19th and 21st Annual Reports, Part 4, have been found to be unreliable and should not be used.

GAGE.--Water-stage recorder. Datum of gage is 539.10 ft above National Geodetic Vertical Datum of 1929. July 12, 1896 to December 31, 1899, nonrecording gages at sites 1.1 miles upstream at different datum.

REMARKS.--No estimated daily discharges. Records poor. Some regulation at medium and low flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--36 years (1938-71)(1987-1989), 2,438 ft^3/s, 22.22 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 119,000 ft^3/s, Aug. 14, 1940, gage height, 19.78 ft, by computation of flow over Gaston Shoals Dam; minimum, 100 ft^3/s, July 8, 1986, gage height, 2.13 ft; minimum daily, 224 ft^3/s, Oct. 24, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 16,000 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 28	2345	*12500	*8.10

Minimum discharge, 215 ft^3/s, Oct. 1; gage height, 2.44 ft; minimum daily 446 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	446	957	1850	2740	1310	8400	2230	1740	1100	1550	1880	1690
2	618	1250	1720	2170	981	4910	1630	2820	1020	1460	1960	1210
3	1840	1020	1830	1920	959	3980	1620	2940	1150	1670	1810	1530
4	3150	1060	1590	1970	962	3860	2050	2140	1030	2310	1310	1290
5	2520	1120	1080	1510	1020	3330	2070	1880	1120	7720	1190	1130
6	1590	2010	1230	1610	1170	4140	1830	4290	1600	4220	1200	1320
7	1450	1990	1330	1470	1420	4920	2030	4680	1840	3270	1320	1730
8	906	1200	1560	1770	1360	4210	2480	2900	1790	4150	1230	1650
9	883	1290	1390	1380	1170	3660	2260	2390	1890	3290	830	1240
10	872	1320	1260	1330	1030	2400	2090	3660	3030	2460	792	1140
11	850	1070	1250	1520	1090	2690	1990	2540	2710	2360	656	1060
12	848	1070	1090	2390	986	2350	1830	1720	1980	2160	857	1070
13	951	973	1040	2720	1140	1900	2060	1860	1610	1720	1110	1750
14	920	1180	1260	2600	936	1890	1390	2070	1450	1560	1060	1490
15	815	1020	1400	2210	888	2050	2030	1850	1290	1570	1430	1390
16	773	1200	1130	2060	892	1970	1710	1790	1950	1910	1880	1460
17	899	1470	987	1770	836	1980	1500	1650	3440	1760	1230	2020
18	792	1400	1190	1950	1610	1780	1650	1220	3430	2500	1620	2050
19	946	1050	871	1710	1920	1620	1720	1340	2210	1760	1440	1440
20	958	1160	899	1590	1750	1580	1700	1470	1880	1670	1260	1500
21	973	1050	878	1610	2560	1790	1400	1630	6070	1810	1140	1480
22	1060	1130	983	1550	4300	1830	1450	1100	6010	1580	868	3990
23	1070	1290	949	1170	3600	2830	1550	1690	5120	1950	1270	6740
24	1030	1050	1220	1290	2480	10100	1120	2210	3860	1410	1000	3620
25	925	1150	1050	1580	2060	6290	1240	1550	2820	1160	958	2890
26	844	1210	1060	1560	1870	4050	1470	1360	2150	1570	1190	4600
27	848	1850	845	1470	1880	3140	1300	1240	2340	1590	1850	5010
28	962	2700	1010	1360	7790	2250	1170	1270	1860	1420	1760	3390
29	822	2880	1160	1420	---	2260	1230	1110	1820	1610	5430	3070
30	831	2270	1290	1280	---	2450	1350	1090	2200	1300	4450	4180
31	1170	---	1670	1270	---	2300	---	1140	---	1230	2580	---
TOTAL	33562	41390	38072	53950	49970	102910	51150	62340	71770	67700	48561	68130
MEAN	1083	1380	1228	1740	1785	3320	1705	2011	2392	2184	1566	2271
MAX	3150	2880	1850	2740	7790	10100	2480	4680	6070	7720	5430	6740
MIN	446	957	845	1170	836	1580	1120	1090	1020	1160	656	1060

CAL YR 1988 TOTAL 484813 MEAN 1325 MAX 8450 MIN 300
WTR YR 1989 TOTAL 689505 MEAN 1889 MAX 10100 MIN 446

02153780 CLARKS FORK CREEK NEAR SMYRNA, SC

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

DRAINAGE AREA.--24.1 mi^2.

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

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

REMARKS.-- Records fair, except for estimated daily discharges; July 12 - 18, which are poor.

AVERAGE DISCHARGE.--9 years, 20.0 ft^3/s, 11.3 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,890 ft^3/s, (estimated based on rating curve extended above 300 ft^3/s). Aug. 17, 1985, gage height, 13.22 ft; minimum daily 0.76 ft^3/s, Aug. 19, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 619 ft^3/s, Mar. 23, gage height, 8.61 ft; minimum daily 3.4 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	8.1	16	61	9.1	63	22	30	11	9.2	9.2	5.0
2	3.6	7.4	16	30	9.2	35	20	97	10	9.4	8.1	4.9
3	9.6	6.0	11	19	9.4	51	20	27	10	8.1	6.6	4.6
4	16	5.4	9.2	14	13	47	20	20	9.8	7.0	5.7	4.4
5	7.4	16	8.1	12	11	44	25	45	12	6.9	5.4	4.5
6	5.1	13	7.6	13	12	61	20	69	13	6.6	5.1	5.0
7	4.4	8.2	7.5	14	12	65	35	28	12	6.3	4.7	5.2
8	4.1	6.8	7.3	13	12	36	39	23	9.6	6.2	4.4	5.2
9	3.8	6.1	7.5	12	11	29	44	26	9.1	7.2	4.9	5.0
10	3.7	5.8	7.4	12	10	26	29	81	13	13	4.5	4.8
11	3.7	5.9	7.2	12	11	24	25	33	16	10	4.3	4.5
12	3.7	5.6	7.0	32	11	22	22	25	11	7.2	4.4	4.3
13	3.5	5.4	6.8	23	11	21	21	22	9.4	7.3	4.3	6.5
14	3.5	5.3	6.8	19	11	20	19	20	9.8	11	4.4	5.3
15	3.6	5.2	7.0	17	11	20	27	21	21	9.4	5.5	4.5
16	3.7	5.3	6.9	15	12	19	26	20	14	8.0	5.0	9.9
17	3.7	6.5	6.9	13	13	18	21	17	11	6.9	5.9	6.7
18	3.7	6.7	6.7	12	19	18	20	16	9.6	5.6	8.3	4.7
19	5.4	5.9	6.7	12	21	18	18	16	8.9	7.8	6.5	4.2
20	4.8	5.9	6.7	11	51	19	22	16	8.4	11	6.0	4.2
21	7.3	6.0	6.8	11	132	24	20	15	8.2	8.4	5.4	5.5
22	9.1	5.7	6.9	10	63	33	18	15	8.0	8.6	5.0	118
23	5.9	5.9	7.3	10	33	225	17	18	7.9	7.5	4.6	25
24	4.9	6.7	7.5	9.9	28	247	17	15	7.5	8.9	4.8	10
25	4.2	6.2	7.3	9.7	25	53	17	14	7.4	7.0	4.6	8.6
26	3.9	6.1	6.9	9.6	27	34	16	13	7.2	6.2	32	13
27	3.7	20	6.7	9.6	80	28	15	12	7.3	7.7	19	11
28	3.8	75	6.9	9.4	260	25	14	11	13	7.5	9.9	7.2
29	4.0	25	7.4	9.1	---	24	14	11	23	6.4	6.5	6.6
30	4.0	15	9.5	9.3	---	23	14	11	12	5.8	5.9	14
31	4.2	---	59	9.2	---	25	---	11	---	11	6.0	---
TOTAL	155.4	312.1	298.5	472.8	927.7	1397	657	798	330.1	249.1	216.9	322.3
MEAN	5.01	10.4	9.63	15.3	33.1	45.1	21.9	25.7	11.0	8.04	7.00	10.7
MAX	16	75	59	61	260	247	44	97	23	13	32	118
MIN	3.4	5.2	6.7	9.1	9.1	18	14	11	7.2	5.6	4.3	4.2

CAL YR 1988 TOTAL 3617.55 MEAN 9.88 MAX 131 MIN .76
WTR YR 1989 TOTAL 6136.9 MEAN 16.8 MAX 260 MIN 3.4

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 mi^2.

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 November 26, 1929 to November 24, 1933, recording gage at site about 400 ft downstream at datum 5.60 ft higher.

REMARKS.--Records good, except for estimated daily discharges: Nov. 8 to Dec 8, May 25 to June 20, Aug. 22 to Sept. 30, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--60 years, 207 ft^3/s, 24.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft^3/s, Aug. 14, 1940, gage height, 27.13 ft from rating curve extended above 4,300 ft^3/s on basis of computation of peak flow over dam 2.0 mi above station; minimum, 9.0 ft^3/s, Oct. 6, 1954; minimum daily 27 ft^3/s, Aug. 27, 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 24	0545	*869	*6.04

Minimum discharge, 40 ft^3/s, Aug. 9, gage height, 2.88 ft; minimum daily, 45 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	61	100	198	88	350	141	164	100	107	103	88
2	97	59	92	167	84	239	129	248	105	102	116	82
3	230	54	88	140	85	212	131	163	110	116	97	80
4	230	55	84	121	84	199	135	127	92	331	90	78
5	125	201	84	110	88	259	143	208	100	253	84	78
6	91	171	86	114	104	262	130	443	110	171	76	88
7	77	109	82	117	101	250	151	247	120	178	74	100
8	71	84	82	109	95	205	166	184	115	356	70	94
9	66	74	82	109	87	179	168	165	140	202	65	90
10	63	70	83	115	82	163	147	242	135	165	60	88
11	62	72	78	127	81	152	137	179	120	143	66	86
12	58	68	75	234	81	144	129	156	110	129	182	84
13	54	66	74	198	79	137	125	143	100	121	116	82
14	54	66	73	171	80	131	121	133	115	121	90	82
15	55	66	73	157	80	128	127	147	150	114	190	83
16	55	68	73	149	80	133	127	136	220	119	126	85
17	54	78	72	135	95	125	116	122	215	120	105	90
18	54	72	70	126	134	119	113	114	170	110	93	80
19	56	68	70	119	131	119	109	111	150	111	93	120
20	54	74	70	115	132	116	107	111	220	114	88	170
21	58	80	70	112	170	133	105	111	431	111	82	240
22	65	75	70	113	222	159	101	105	374	136	80	260
23	57	88	76	107	170	263	99	178	266	111	85	170
24	55	82	90	103	145	718	99	140	199	102	78	125
25	52	78	106	99	128	348	100	120	167	96	78	140
26	53	72	94	96	120	250	96	110	154	97	86	200
27	53	140	86	96	142	208	218	100	131	96	90	160
28	54	220	84	93	474	182	211	96	123	93	80	140
29	53	160	86	91	---	166	121	96	133	90	160	130
30	53	120	90	92	---	157	112	96	104	85	120	220
31	51	---	178	90	---	163	---	96	---	94	95	---
TOTAL	2255	2751	2621	3923	3442	6369	3914	4791	4779	4294	3018	3613
MEAN	72.7	91.7	84.5	127	123	205	130	155	159	139	97.4	120
MAX	230	220	178	234	474	718	218	443	431	356	190	260
MIN	45	54	70	90	79	116	96	96	92	85	60	78

CAL YR 1988 TOTAL 34792 MEAN 95.1 MAX 700 MIN 27
WTR YR 1989 TOTAL 45770 MEAN 125 MAX 718 MIN 45

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.--Records good, except for estimated daily discharges: Nov. 24 to Feb. 1, Sept. 29, 30, which are poor. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (02154950). Some diurnal fluctuation caused by mill on North Pacolet River. About 46.5 ft^3/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

AVERAGE DISCHARGE.--60 years, 342 ft^3/s, 21.91 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, 2,460 ft^3/s, Mar. 24, gage height, 4.58 ft; minimum daily, 62 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62	79	140	240	100	414	206	401	117	181	118	105
2	101	79	120	210	99	260	191	496	121	176	156	103
3	228	72	120	180	99	242	192	265	129	154	167	99
4	248	74	110	160	98	277	205	171	102	518	120	99
5	132	220	105	140	102	415	248	276	111	423	127	98
6	102	184	100	150	117	452	186	780	132	311	96	110
7	91	121	98	155	114	372	246	494	181	229	93	136
8	86	106	100	140	110	274	241	301	142	581	90	117
9	82	96	96	140	101	266	254	269	197	483	105	108
10	81	91	94	150	98	252	240	373	194	328	80	103
11	80	95	92	200	98	209	228	287	140	275	86	100
12	76	89	94	280	97	202	198	256	126	229	223	99
13	70	83	96	250	96	188	163	224	124	146	130	101
14	70	84	98	220	96	177	140	177	129	159	106	101
15	72	86	96	200	97	153	149	207	160	210	203	99
16	70	84	96	180	97	141	178	207	290	214	136	108
17	70	102	95	170	107	136	167	188	288	189	116	114
18	71	101	96	160	140	132	168	149	205	182	106	104
19	73	91	98	155	139	149	170	132	206	194	106	175
20	71	91	100	150	140	195	167	131	403	224	104	209
21	74	108	105	145	173	207	164	132	1000	144	100	260
22	81	98	110	140	236	234	136	127	801	194	95	366
23	75	96	120	135	179	449	120	378	693	187	108	255
24	72	110	130	130	150	1350	120	241	510	155	99	146
25	70	100	135	125	138	891	122	158	372	116	96	175
26	71	100	115	120	132	451	118	127	282	131	104	317
27	70	120	110	120	158	381	344	120	241	114	131	236
28	72	250	115	115	561	289	542	113	204	121	110	181
29	71	220	120	110	---	262	301	109	208	108	220	159
30	71	160	160	110	---	240	158	109	179	106	143	350
31	69	---	220	105	---	231	---	109	---	120	114	---
TOTAL	2732	3390	3484	4985	3872	9891	6062	7507	7987	6902	3788	4733
MEAN	88.1	113	112	161	138	319	202	242	266	223	122	158
MAX	248	250	220	280	561	1350	542	780	1000	581	223	366
MIN	62	72	92	105	96	132	118	109	102	106	80	98

CAL YR 1988 TOTAL 47389 MEAN 129 MAX 790 MIN 43
WTR YR 1989 TOTAL 65333 MEAN 179 MAX 1350 MIN 62

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.--Records fair.

AVERAGE DISCHARGE.--10 years, 8.63 ft^3/s, 18.14 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 269 ft^3/s, June 20, 21, 1989, gage height 5.86 ft; maximum gage height, 7.86 ft, May 23, 1980; minimum, 0.98 ft^3/s, Aug. 1, 1986, gage height, 1.29 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 269 ft^3/s, June 20, 21, gage height, 5.86 ft; minimum, 2.6 ft^3/s, Oct. 2, Aug. 23, 26, Sept. 12, 13, 19, 20, gage height, 1.38 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	4.1	5.7	23	4.3	14	6.1	25	3.6	4.6	6.6	3.5
2	18	3.3	4.8	9.2	4.4	8.0	5.9	12	3.4	4.3	5.6	3.3
3	13	3.3	4.5	6.9	4.3	13	6.5	6.2	3.3	9.5	4.6	3.3
4	6.1	6.5	4.4	5.6	4.2	8.2	13	5.8	6.0	22	4.1	3.2
5	3.7	19	4.5	4.9	5.4	14	9.7	24	15	8.6	3.7	3.1
6	3.2	5.4	4.5	9.3	4.7	9.7	6.8	26	8.5	6.9	3.8	5.6
7	3.1	4.6	4.3	5.8	5.3	6.9	20	8.4	4.8	24	3.8	4.1
8	3.1	4.3	4.2	5.5	4.5	5.8	17	7.2	4.7	15	3.7	3.7
9	3.0	4.1	4.5	5.2	4.4	5.4	10	16	9.3	6.9	3.6	3.3
10	3.0	4.0	4.3	5.5	4.4	5.1	7.9	19	5.0	5.7	3.5	3.0
11	2.9	4.0	4.2	12	4.3	4.9	7.4	8.7	4.1	4.8	3.5	2.9
12	2.8	3.9	4.2	13	4.3	4.8	6.9	7.4	5.0	4.7	3.4	2.8
13	2.8	3.9	4.2	11	4.2	4.6	6.6	6.7	4.4	5.0	3.2	2.9
14	2.9	3.9	4.2	7.6	4.2	4.6	6.4	6.4	3.7	4.9	3.2	3.0
15	2.9	3.9	4.2	7.8	4.2	4.5	11	6.6	15	4.5	3.3	3.0
16	2.8	3.9	4.1	6.3	4.2	4.7	6.8	5.8	34	4.7	5.1	3.6
17	2.9	8.2	4.1	5.8	5.5	4.4	6.3	5.5	14	5.6	4.4	2.9
18	2.8	4.3	4.0	5.5	8.8	4.4	6.1	4.9	6.1	4.7	4.0	2.9
19	2.9	4.1	4.1	5.2	7.1	4.3	6.0	5.1	5.2	9.4	4.1	2.8
20	2.7	4.2	4.1	5.0	13	7.7	5.9	5.4	57	7.1	3.7	2.8
21	4.1	4.1	3.9	4.9	21	5.5	5.8	4.8	104	5.5	3.4	3.3
22	3.4	3.9	3.9	4.9	11	11	5.7	7.1	54	4.9	3.1	28
23	3.1	5.1	5.2	4.8	7.6	93	5.6	19	14	4.6	3.2	7.6
24	3.0	4.7	4.6	4.8	6.7	74	5.7	5.8	9.1	4.4	3.4	5.0
25	2.9	4.1	4.4	4.8	6.1	16	5.7	4.9	7.2	4.2	3.2	20
26	3.0	4.0	4.0	4.7	5.6	10	5.2	4.5	6.1	4.0	4.2	43
27	3.0	16	4.1	4.6	21	8.3	4.7	4.3	5.8	4.2	4.6	9.8
28	3.1	22	4.1	4.6	48	7.3	4.6	4.1	5.2	4.0	3.5	6.8
29	3.0	7.4	4.0	4.6	---	7.1	7.0	4.0	5.1	3.8	9.1	6.4
30	3.0	5.9	8.8	4.6	---	7.2	4.8	3.8	4.8	7.2	4.0	29
31	3.4	---	21	4.4	---	6.5	---	3.7	---	8.3	3.6	---
TOTAL	121.8	180.1	155.1	211.8	232.7	384.9	227.1	278.1	427.4	218.0	126.2	224.6
MEAN	3.93	6.00	5.00	6.83	8.31	12.4	7.57	8.97	14.2	7.03	4.07	7.49
MAX	18	22	21	23	48	93	20	26	104	24	9.1	43
MIN	2.2	3.3	3.9	4.4	4.2	4.3	4.6	3.7	3.3	3.8	3.1	2.8

CAL YR 1988 TOTAL 2021.0 MEAN 5.52 MAX 53 MIN 1.3
WTR YR 1989 TOTAL 2787.8 MEAN 7.64 MAX 104 MIN 2.2

02156301 LAWSONS FORK CREEK AT TREATMENT PLANT AT SPARTANBURG, SC

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

DRAINAGE AREA.--75.6 mi^2.

PERIOD OF RECORD.--May 1989 to September 1989.

GAGE.--Water-stage recorder. Elevation of gage is 610 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,290 ft^3/s, June 21, 1989, gage height, 9.76 ft; minimum, 32 ft^3/s, Sept. 18, 19, 1989, gage height, 2.30 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,290 ft^3/s, June 21, gage height, 9.76 ft; minimum, 32 ft^3/s, Sept. 18, 19, gage height, 2.30 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	63	81	80	44
2	---	---	---	---	---	---	---	---	62	76	72	43
3	---	---	---	---	---	---	---	---	60	78	65	41
4	---	---	---	---	---	---	---	---	127	174	60	39
5	---	---	---	---	---	---	---	---	93	145	56	39
6	---	---	---	---	---	---	---	---	99	96	54	48
7	---	---	---	---	---	---	---	---	76	93	54	51
8	---	---	---	---	---	---	---	---	71	128	51	45
9	---	---	---	---	---	---	---	---	82	87	50	41
10	---	---	---	---	---	---	---	---	77	77	49	39
11	---	---	---	---	---	---	---	108	66	72	49	37
12	---	---	---	---	---	---	---	97	63	70	48	37
13	---	---	---	---	---	---	---	89	65	79	47	37
14	---	---	---	---	---	---	---	84	63	68	48	37
15	---	---	---	---	---	---	---	94	111	67	51	36
16	---	---	---	---	---	---	---	84	196	125	49	40
17	---	---	---	---	---	---	---	79	182	107	49	36
18	---	---	---	---	---	---	---	77	92	77	48	34
19	---	---	---	---	---	---	---	76	109	92	47	33
20	---	---	---	---	---	---	---	77	218	101	46	34
21	---	---	---	---	---	---	---	75	935	80	45	38
22	---	---	---	---	---	---	---	107	397	73	43	179
23	---	---	---	---	---	---	---	147	213	66	100	79
24	---	---	---	---	---	---	---	92	138	63	127	48
25	---	---	---	---	---	---	---	78	114	63	54	84
26	---	---	---	---	---	---	---	74	102	59	59	200
27	---	---	---	---	---	---	---	70	94	60	67	92
28	---	---	---	---	---	---	---	66	132	61	53	58
29	---	---	---	---	---	---	---	65	107	57	52	53
30	---	---	---	---	---	---	---	65	86	110	56	122
31	---	---	---	---	---	---	---	64	---	211	47	---
TOTAL	---	---	---	---	---	---	---	---	4293	2796	1776	1744
MEAN	---	---	---	---	---	---	---	---	143	90.2	57.3	58.1
MAX	---	---	---	---	---	---	---	---	935	211	127	200
MIN	---	---	---	---	---	---	---	---	60	57	43	33

02156450 NEALS CREEK NEAR CARLISLE, SC

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

DRAINAGE AREA.--12.3 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.--Records fair, except for estimated daily discharges: Oct. 1 - 31, which are poor.

AVERAGE DISCHARGE.--9 years, 10.8 ft^3/s, 11.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 ft^3/s, Jan. 10, 1984, gage height 8.97 ft; maximum gage height 11.02 ft., Mar. 2, 1987 (backwater from the Broad River); minimum, 0.24 ft^3/s, Aug. 29-31, 1987, gage height, 0.38 ft; minimum daily discharge, 0.27 ft^3/s, Aug. 30, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 455 ft^3/s, Mar. 23, gage height, 5.18 ft; minimum, 0.79 ft^3/s, July 19, gage height, 0.39 ft; minimum daily discharge, 1.1 ft^3/s, Aug. 8,9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	11	4.7	7.5	3.3	47	13	27	4.9	2.4	1.5	1.9
2	1.4	2.6	4.5	5.3	3.1	21	12	62	4.7	2.3	1.6	1.8
3	8.0	2.0	4.2	4.8	3.1	80	11	20	4.5	2.3	1.3	1.8
4	30	1.9	4.0	4.1	3.1	48	12	13	4.3	5.6	1.3	1.7
5	15	4.0	3.9	3.7	3.7	84	14	17	4.3	7.0	1.4	2.0
6	9.0	2.9	5.0	5.1	3.8	185	12	23	4.5	4.0	1.3	2.3
7	5.0	2.3	3.9	5.5	3.9	71	13	16	4.3	3.7	1.3	2.2
8	4.0	2.2	3.7	5.0	3.5	35	15	12	4.1	4.0	1.1	1.9
9	3.5	2.3	3.6	4.5	3.4	23	22	17	4.2	2.7	1.1	1.8
10	3.3	2.3	3.7	5.2	3.6	18	17	69	4.0	2.4	1.2	1.7
11	2.9	2.4	3.6	5.2	3.6	15	15	27	3.7	2.2	1.2	1.6
12	2.7	2.3	3.6	4.9	3.3	13	14	18	3.7	2.2	1.3	1.5
13	2.5	2.4	4.1	6.0	3.1	11	12	14	3.6	3.1	1.4	1.5
14	2.4	2.4	3.9	5.6	3.1	9.2	11	13	3.4	2.7	3.9	1.5
15	2.3	2.5	3.4	5.8	3.1	8.2	118	13	3.4	4.8	2.8	1.6
16	2.4	2.5	3.2	5.3	3.1	7.6	76	11	4.2	7.5	3.0	1.9
17	2.3	4.5	3.1	4.9	3.0	6.7	36	9.4	4.0	78	4.3	1.6
18	2.2	2.7	3.4	4.7	3.7	6.7	24	8.6	3.4	7.3	4.9	1.5
19	2.4	2.5	3.3	4.7	4.0	6.3	19	8.3	3.4	1.3	2.6	1.5
20	2.6	2.6	3.0	4.6	10	6.2	16	8.1	3.6	1.3	2.2	1.7
21	2.8	2.4	3.0	4.3	39	7.5	14	7.7	6.2	8.3	2.0	1.9
22	3.2	2.4	2.7	4.2	35	43	12	7.4	4.0	9.6	1.8	14
23	2.6	4.2	2.7	4.1	20	227	11	9.3	3.2	3.5	1.9	4.7
24	2.4	4.6	2.7	3.9	17	136	10	7.6	3.0	3.3	2.3	2.8
25	2.3	3.2	2.7	3.7	16	50	9.3	7.2	2.8	2.0	2.0	4.7
26	2.4	2.9	2.4	3.6	14	32	8.3	6.9	2.9	1.6	5.4	11
27	2.4	3.8	2.3	3.6	16	23	7.8	6.6	2.9	1.6	3.8	4.8
28	2.4	13	2.6	3.4	189	20	7.2	6.3	2.7	1.8	2.6	3.3
29	2.5	6.9	2.5	3.3	---	17	7.5	6.0	2.7	1.2	2.4	3.3
30	2.7	5.5	3.0	3.5	---	17	7.5	5.8	2.5	1.2	2.3	19
31	3.0	---	4.3	3.4	---	16	---	5.1	---	1.4	2.1	---
TOTAL	134.0	109.2	106.7	143.4	420.5	1290.4	576.6	482.3	113.1	182.3	69.3	104.5
MEAN	4.32	3.64	3.44	4.63	15.0	41.6	19.2	15.6	3.77	5.88	2.24	3.48
MAX	30	13	5.0	7.5	189	227	118	69	6.2	78	5.4	19
MIN	1.4	1.9	2.3	3.3	3.0	6.2	7.2	5.1	2.5	1.2	1.1	1.5

CAL YR 1988 TOTAL 2480.20 MEAN 6.78 MAX 102 MIN .60
WTR YR 1989 TOTAL 3732.3 MEAN 10.2 MAX 227 MIN 1.1

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 mi^2, 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 and data collection platform. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

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.

AVERAGE DISCHARGE.--51 years, 3,948 ft^3/s, 19.22 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 123,000 ft^3/s, Oct. 10, 1976, gage height, 31.51 ft, from rating curve extended above 66,000 ft^3/s on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 ft^3/s, Aug. 29, 1955; minimum daily, 44 ft^3/s, Sept. 2, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 25,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 24	2400	*22,000	*12.35				

Minimum discharge, 121 ft^3/s, Oct. 17, 30, gage height, 1.45 ft; minimum daily, 574 ft^3/s, Oct. 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	870	1580	2060	3760	1370	15900	3150	2880	1760	2040	2010	2490
2	590	1330	2140	4100	1510	9260	3230	7070	1670	2110	2870	1320
3	1320	1280	1900	2760	1300	7110	2180	6660	1370	2060	2560	1230
4	2910	1240	2190	2290	1340	7890	2560	4300	1800	2660	2210	1380
5	2960	1160	1740	2390	1710	6620	3110	3490	1550	4120	1810	1500
6	1930	1580	1200	1870	1320	7700	2820	4540	2430	6950	1570	1730
7	1750	2330	1260	2120	1610	9520	2930	6790	2420	4290	1780	1560
8	1470	1650	1830	2090	1760	6850	3720	5770	2460	3700	1600	2050
9	1170	1220	1730	2080	1660	5380	4150	4200	2230	3900	1330	1880
10	1090	1330	1470	1790	1270	4260	4090	5130	2720	3490	1270	1360
11	1000	1340	1570	1610	1480	3180	3150	6010	3280	2500	1230	1430
12	868	1320	1590	2420	1320	3410	3310	4190	2740	2720	1200	1120
13	1090	1310	1540	3320	1330	3010	2670	2810	2130	2620	1130	1780
14	819	1180	966	3180	1640	2580	2900	3130	1850	2170	1640	2080
15	1050	1320	1500	3070	1300	2550	3870	3030	1920	2400	1900	1780
16	767	1060	1410	2180	1060	2850	4810	3040	2100	2420	1930	1500
17	574	1650	1530	2290	1450	2340	2930	2670	3530	5360	2790	1500
18	1080	1570	1260	2180	1670	2960	2830	2380	3910	3870	3460	2430
19	805	1280	1220	2150	2250	2150	2680	2020	3260	2680	2360	1640
20	1150	1300	1030	2150	2650	2390	2590	2320	2440	2550	1990	1850
21	1350	1340	1160	1790	4340	2310	2880	2230	3510	2670	1640	1970
22	1040	1200	1140	1940	6800	3460	2110	2330	8310	2510	1650	1640
23	1130	1650	1200	1800	5700	5650	2520	1870	6820	2050	1500	6520
24	1230	1460	1340	1320	4740	18700	2190	3350	5630	2200	2110	5920
25	1060	1130	1700	1700	3220	17700	2050	2330	4370	2000	1830	3760
26	920	1560	1090	1870	3020	8810	2090	2040	3010	1930	1630	3200
27	958	1840	1340	1940	2470	5790	2210	2170	2510	2010	2090	5670
28	1130	3380	974	1630	9390	4500	1900	1880	2590	2140	2400	4800
29	854	3930	1280	1660	---	3830	2770	1830	2160	1870	2520	3580
30	640	2930	1590	1630	---	3630	2460	1700	2560	2060	4820	3410
31	1230	---	2410	1620	---	3380	---	1770	---	2050	4040	---
TOTAL	36805	48450	46360	68700	70680	185670	86860	105930	89040	88100	64870	74080
MEAN	1187	1615	1495	2216	2524	5989	2895	3417	2968	2842	2093	2469
MAX	2960	3930	2410	4100	9390	18700	4810	7070	8310	6950	4820	6520
MIN	574	1060	966	1320	1060	2150	1900	1700	1370	1870	1130	1120

CAL YR 1988 TOTAL 657788 MEAN 1797 MAX 12900 MIN 346
WTR YR 1989 TOTAL 965545 MEAN 2645 MAX 18700 MIN 574

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. Data collection platform since October, 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 17 microsiemens, Feb. 16, 1983.
pH: Maximum, 9.2 units, June 25, 1986; minimum, 5.4 units, Oct. 20, 1987.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 5, 1981, and July 21, 1986; minimum, 0.5°C, Jan. 19, 1977, Jan. 8-10, 12, 1988.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980; minimum, 3.2 mg/L, Aug. 30, 1988.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 432 microsiemens, Sept. 22; minimum, 38 microsiemens, Mar. 3.
pH: Maximum, 8.0 units, Nov. 25, Jan. 1; minimum, 5.9 units, Oct. 31.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 6; minimum, 3.0°C, Dec. 14, 19, 20.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Dec. 22; minimum, 4.7 mg/L, Oct. 1.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	378	178	218	182	174	176	78	75	76	83	76	79
2	268	176	208	292	173	196	82	73	76	75	70	72
3	237	185	202	368	176	210	94	83	89	73	67	70
4	192	160	180	305	170	197	106	95	98	74	70	72
5	170	111	146	369	156	202	108	104	106	77	74	75
6	108	97	102	156	110	146	114	102	108	80	77	78
7	107	96	99	165	137	148	109	101	105	88	81	85
8	118	107	114	168	142	160	113	101	105	94	88	91
9	118	113	115	307	129	169	129	115	123	101	94	97
10	128	116	124	136	130	132	131	114	122	107	94	100
11	133	124	126	137	126	130	120	109	114	101	95	98
12	336	137	175	149	137	143	120	116	118	112	97	103
13	168	158	165	151	141	146	123	111	115	113	109	111
14	349	161	193	168	145	153	137	123	126	113	102	108
15	355	162	205	176	168	172	126	112	120	101	97	99
16	261	172	196	358	161	206	143	117	133	97	91	94
17	264	169	200	259	126	161	141	127	135	94	91	92
18	285	160	184	154	126	140	138	126	131	91	85	89
19	380	172	209	167	153	162	142	132	137	94	86	91
20	189	180	184	158	134	144	225	132	150	96	88	92
21	188	171	182	143	126	136	143	138	140	101	88	96
22	179	172	175	141	126	132	137	122	128	110	100	106
23	187	181	184	144	141	142	138	132	135	112	108	110
24	187	167	179	154	140	147	146	137	143	117	102	112
25	272	174	196	146	136	141	146	134	141	108	99	103
26	321	178	212	148	132	141	181	135	148	116	98	106
27	403	167	223	134	130	132	148	126	140	115	106	110
28	171	165	168	127	101	116	136	123	127	109	104	106
29	246	167	184	99	77	84	139	115	126	113	106	108
30	248	172	200	79	76	78	115	106	110	125	114	119
31	189	183	186	---	---	---	107	84	99	123	113	119
MONTH	403	96	175	369	76	151	225	73	120	125	67	96

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	118	108	112	65	55	61	87	81	84	140	119	135
2	118	110	114	60	46	56	86	83	84	130	104	118
3	119	104	113	55	38	45	94	65	88	112	101	105
4	114	105	110	44	40	42	103	91	95	114	104	109
5	121	108	116	46	43	45	103	98	100	116	112	114
6	131	125	129	60	41	51	104	94	99	121	87	113
7	138	131	134	57	49	53	107	91	95	100	87	96
8	139	130	135	63	54	60	109	97	103	---	---	---
9	129	118	123	67	60	65	102	94	99	90	80	83
10	125	113	119	76	64	70	96	94	95	91	83	87
11	119	115	117	78	74	77	96	93	95	92	90	91
12	115	110	113	81	74	77	92	88	89	98	90	92
13	---	---	---	80	75	77	97	88	91	112	101	105
14	---	---	---	87	76	80	101	90	94	114	90	102
15	---	---	---	82	75	77	103	95	100	113	89	101
16	---	---	---	84	78	81	119	102	111	100	88	90
17	133	117	122	101	83	89	119	114	116	106	83	97
18	135	127	131	102	86	94	123	113	116	107	88	97
19	146	126	132	101	97	99	125	116	120	105	97	102
20	149	112	137	99	96	98	124	117	122	112	105	108
21	110	77	94	97	93	95	125	116	118	113	105	109
22	78	70	74	100	88	92	133	126	129	108	100	105
23	77	75	76	92	62	77	140	129	133	102	99	101
24	82	76	79	63	58	61	143	134	139	107	94	99
25	84	78	80	65	58	62	149	132	140	117	104	111
26	89	85	88	66	60	64	134	129	132	109	103	107
27	93	88	91	63	60	62	154	134	138	113	102	107
28	86	58	69	65	61	62	144	130	138	124	105	116
29	---	---	---	69	62	64	140	127	133	125	120	122
30	---	---	---	78	68	72	139	131	133	127	122	125
31	---	---	---	82	78	81	---	---	---	151	115	121
MONTH	149	58	109	102	38	71	154	65	111	151	80	106
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	135	118	122	---	---	---	108	97	99	71	63	66
2	133	109	118	---	---	---	100	91	95	148	71	89
3	163	106	114	107	95	101	106	98	103	123	85	92
4	140	120	127	112	95	106	99	89	94	103	94	98
5	168	134	139	98	77	92	96	89	93	118	103	111
6	142	124	134	72	60	64	138	92	98	118	106	113
7	142	126	133	63	60	61	111	96	105	108	98	105
8	136	122	132	65	60	63	134	107	114	99	93	96
9	122	118	119	64	60	62	117	109	113	105	97	101
10	124	110	115	63	59	61	117	108	114	108	100	104
11	128	120	125	70	57	60	109	96	101	105	98	100
12	118	91	101	67	59	63	109	97	103	149	107	116
13	105	89	92	74	63	67	122	111	114	126	116	120
14	101	91	93	90	68	72	143	122	130	183	123	130
15	100	96	98	95	78	84	145	125	139	135	127	131
16	143	102	111	209	90	108	144	105	119	126	116	120
17	157	119	134	95	39	69	127	103	115	135	116	121
18	151	119	131	89	80	83	111	81	95	134	116	124
19	134	98	111	98	88	94	114	73	94	126	118	122
20	134	90	108	90	82	85	114	101	107	125	96	111
21	102	90	95	---	---	---	108	99	102	103	96	100
22	102	76	86	---	---	---	109	100	105	432	104	167
23	109	75	84	---	---	---	121	101	113	110	69	97
24	92	77	81	---	---	---	122	103	112	67	51	60
25	81	78	79	103	86	94	---	---	---	53	51	52
26	85	80	83	99	86	92	---	---	---	57	50	55
27	88	84	86	97	90	93	---	---	---	57	52	56
28	95	88	90	105	99	101	---	---	---	58	53	55
29	99	88	91	121	102	108	---	---	---	59	54	56
30	100	92	94	110	103	106	115	51	82	61	51	59
31	---	---	---	115	97	107	64	58	62	---	---	---
MONTH	168	75	108	209	39	84	145	51	105	432	50	98
YEAR	432	38	112									

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.6	7.3	6.6	6.1	7.2	6.9	8.0	7.2	---	---	---	---
2	7.8	7.3	7.5	6.2	7.1	6.6	7.9	7.5	---	---	---	---
3	7.4	7.2	7.9	7.3	7.1	6.8	7.6	6.7	---	---	6.7	6.6
4	7.3	7.3	7.7	7.4	7.0	6.3	7.2	6.9	---	---	6.7	6.6
5	7.3	7.1	7.8	7.3	6.9	6.6	7.2	7.0	7.4	7.3	6.8	6.6
6	7.3	7.1	7.4	7.1	7.1	6.8	---	---	7.6	7.4	6.8	6.5
7	7.3	7.2	7.4	7.2	6.9	6.7	---	---	7.5	7.2	6.9	6.7
8	7.4	7.2	7.4	7.3	6.8	6.6	---	---	7.6	7.1	7.0	6.9
9	7.5	7.3	7.8	7.4	6.7	6.6	7.4	7.2	7.5	6.8	7.0	6.9
10	7.5	7.3	7.4	7.2	6.7	6.6	7.3	7.2	7.3	6.7	7.0	7.0
11	7.6	7.3	7.5	7.2	6.7	6.5	7.3	7.2	7.5	7.0	7.1	7.0
12	7.7	7.4	7.4	7.3	6.7	6.5	7.3	7.1	---	---	7.1	7.0
13	7.5	7.2	7.3	7.1	6.8	6.5	---	---	---	---	7.1	7.0
14	7.6	7.1	7.2	7.1	6.8	6.5	---	---	---	---	7.1	7.0
15	7.6	7.0	7.3	7.1	6.8	6.5	---	---	---	---	7.0	7.0
16	7.5	6.9	7.7	7.1	6.7	6.5	---	---	---	---	7.0	6.9
17	7.3	6.9	7.7	7.4	6.7	6.4	7.2	7.1	---	---	7.0	6.9
18	7.2	7.0	7.7	7.2	6.7	6.4	7.4	6.4	---	---	7.0	6.9
19	7.2	6.6	7.4	6.9	7.1	6.4	7.5	6.7	---	---	7.2	7.0
20	6.6	6.2	7.5	6.9	7.4	7.0	7.4	7.2	---	---	7.2	7.1
21	6.9	6.2	7.1	6.5	7.2	6.9	---	---	---	---	7.2	7.1
22	7.0	6.6	6.8	6.6	7.0	6.7	---	---	---	---	7.1	7.1
23	6.9	6.7	7.7	6.6	6.9	6.6	---	---	---	---	7.1	6.7
24	7.0	6.6	7.9	7.6	6.6	6.1	---	---	---	---	6.8	6.7
25	7.1	6.5	8.0	7.6	6.6	6.3	---	---	---	---	6.8	6.7
26	7.1	6.4	7.9	7.5	6.7	6.4	---	---	---	---	6.9	6.8
27	7.3	6.6	7.8	7.3	6.8	6.4	---	---	---	---	7.0	6.9
28	7.0	6.7	7.6	7.1	6.5	6.1	---	---	---	---	7.0	6.9
29	6.9	6.6	7.3	7.1	6.6	6.4	---	---	---	---	7.0	7.0
30	6.7	6.1	7.3	7.0	7.3	6.6	---	---	---	---	7.0	7.0
31	6.3	5.9	---	---	7.4	7.0	---	---	---	---	7.2	7.0
MONTH	7.8	5.9	8.0	6.1	7.4	6.1	8.0	6.4	7.6	6.7	7.2	6.5

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

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	21.5	22.5	13.5	12.0	13.0	9.5	8.0	9.0	7.0	6.0	6.5
2	24.5	22.5	23.0	13.0	11.0	12.0	8.5	7.5	8.0	7.5	7.0	7.5
3	23.0	22.5	22.5	12.5	11.0	12.0	8.0	6.5	7.0	8.0	7.5	8.0
4	22.0	20.5	21.0	12.5	11.0	12.0	7.5	6.0	6.5	8.0	7.0	7.5
5	20.5	19.0	19.5	14.5	12.5	13.5	7.0	5.5	6.0	7.5	6.5	7.0
6	19.0	17.0	18.5	14.0	12.5	13.0	7.0	5.0	6.0	7.0	6.5	6.5
7	18.5	16.5	17.0	13.5	12.0	12.5	7.0	5.0	6.0	7.0	6.5	7.0
8	17.5	15.5	16.5	13.0	11.5	12.0	7.0	5.5	6.5	9.0	7.0	8.0
9	17.0	14.5	16.0	13.5	12.0	12.5	7.5	6.0	7.0	9.0	9.0	9.0
10	16.5	14.5	15.5	14.5	12.5	13.5	7.0	6.0	6.5	9.0	8.0	8.5
11	17.0	14.5	16.0	14.5	13.0	14.0	6.5	5.5	6.0	8.0	8.0	8.0
12	16.5	14.5	15.5	13.5	12.5	13.0	5.5	4.0	5.0	8.0	7.5	8.0
13	16.0	14.0	15.0	14.0	13.0	13.5	5.0	3.5	4.0	8.5	8.0	8.5
14	15.5	12.5	14.0	14.0	12.0	13.0	5.0	3.0	4.0	8.5	7.5	8.0
15	15.5	12.5	14.0	13.0	11.5	12.5	5.0	4.0	4.5	7.5	7.0	7.5
16	15.5	12.5	14.0	13.5	12.5	13.0	5.5	4.5	5.0	8.5	7.0	7.5
17	17.5	13.5	15.5	14.5	13.5	14.0	5.5	4.0	4.5	8.0	7.0	7.5
18	16.5	14.0	15.5	14.5	12.5	13.5	5.0	3.5	4.0	8.0	6.5	7.0
19	17.5	16.0	16.5	13.5	12.5	13.0	5.0	3.0	4.0	7.0	6.0	6.5
20	17.5	15.5	16.5	13.5	12.0	12.5	4.5	3.0	4.0	7.0	6.5	6.5
21	16.5	16.0	16.0	13.0	11.5	12.0	5.0	4.0	4.5	6.5	5.5	6.0
22	16.5	14.5	15.5	11.5	11.0	11.0	6.5	5.0	5.5	6.5	5.5	6.0
23	15.5	13.5	14.5	11.0	10.5	10.5	7.0	6.0	6.5	6.5	5.0	5.5
24	16.0	14.0	14.5	11.5	10.0	10.5	8.5	7.0	8.0	7.0	4.5	6.0
25	15.0	12.5	14.0	11.0	9.0	10.0	9.5	8.0	8.5	7.5	5.0	6.0
26	14.0	13.0	13.5	11.0	9.5	10.0	9.0	7.0	8.0	8.0	5.5	7.0
27	14.0	12.0	13.0	11.5	10.5	11.0	9.5	7.5	8.5	9.0	7.0	8.0
28	15.0	13.5	14.0	12.0	11.5	12.0	9.5	8.0	9.0	9.5	7.0	8.0
29	15.5	14.0	14.5	11.5	10.5	11.0	8.5	7.0	8.0	10.0	7.5	8.5
30	15.5	13.0	14.0	10.5	9.0	9.5	7.5	6.5	7.0	10.0	8.5	9.0
31	13.5	12.5	13.0	---	---	---	7.5	6.0	7.0	10.5	8.0	9.0
MONTH	24.5	12.0	16.0	14.5	9.0	12.0	9.5	3.0	6.5	10.5	4.5	7.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	8.5	10.0	7.5	7.0	7.0	17.5	16.5	17.0	22.5	20.5	22.0
2	13.0	10.0	11.5	8.0	7.0	7.5	16.5	15.0	16.0	20.5	18.5	20.0
3	13.5	11.0	12.5	8.5	8.0	8.5	16.0	15.0	15.5	19.5	18.5	19.0
4	13.5	12.5	13.0	9.0	8.5	8.5	17.5	15.5	16.5	19.0	17.0	18.5
5	13.0	12.0	12.5	10.5	9.0	9.5	17.0	16.0	16.5	19.0	18.5	18.5
6	12.5	11.5	12.0	12.0	10.0	11.0	18.0	16.0	17.0	19.0	17.5	18.5
7	12.5	11.5	12.0	11.5	10.0	11.0	16.5	15.0	16.0	18.0	16.5	17.5
8	12.5	11.0	11.5	10.0	8.0	9.0	15.0	13.0	14.0	---	---	---
9	11.5	9.0	10.5	9.0	7.5	8.5	13.0	12.0	12.5	16.0	15.5	15.5
10	10.0	7.5	9.0	9.5	8.0	9.0	12.5	12.0	12.5	16.5	15.0	15.5
11	9.0	7.0	8.0	10.5	8.5	9.5	12.0	11.5	12.0	16.0	14.5	15.5
12	8.5	6.0	7.5	11.0	9.5	10.5	12.5	11.0	12.0	16.0	14.0	15.0
13	---	---	---	11.0	10.5	10.5	14.0	11.5	12.5	16.5	14.5	15.5
14	---	---	---	11.0	10.0	10.5	14.5	13.0	14.0	17.5	15.0	16.5
15	---	---	---	12.5	10.5	11.5	15.0	14.0	14.5	19.0	17.5	18.0
16	---	---	---	14.0	12.0	13.0	16.0	14.0	15.0	20.0	18.0	19.0
17	12.5	11.0	11.5	15.0	13.5	14.5	17.5	15.0	16.5	20.5	19.0	19.5
18	11.0	9.0	10.0	16.0	14.5	15.5	18.5	16.5	17.5	21.5	19.0	20.0
19	9.0	7.0	8.0	17.0	15.0	16.0	19.5	17.5	18.5	22.0	19.5	20.5
20	7.0	6.0	6.5	15.0	13.5	14.5	19.5	17.5	18.5	21.5	20.0	20.5
21	7.0	6.0	6.0	13.5	13.0	13.5	18.5	17.0	18.0	23.0	20.5	21.5
22	8.5	7.0	8.0	13.0	11.5	12.0	19.5	17.0	18.0	23.5	21.0	22.5
23	8.5	7.5	8.0	11.0	8.5	9.5	18.5	18.0	18.0	---	---	---
24	7.0	6.5	7.0	9.0	8.0	8.5	18.5	18.0	18.0	---	---	---
25	6.5	5.5	6.0	11.0	8.5	10.0	20.5	17.5	19.0	---	---	---
26	7.5	5.5	6.5	13.5	11.0	12.5	22.0	18.5	20.0	26.5	23.5	25.0
27	7.5	7.0	7.5	15.5	13.0	14.0	24.0	20.5	22.0	27.5	25.0	26.0
28	7.5	7.0	7.0	17.0	14.5	16.0	24.5	21.5	23.0	28.0	25.5	26.5
29	---	---	---	19.0	16.5	17.5	23.5	22.5	23.0	27.5	24.5	26.0
30	---	---	---	19.0	18.0	18.5	23.5	22.0	23.0	27.5	24.0	26.0
31	---	---	---	19.0	17.5	18.5	---	---	---	29.0	24.5	26.5
MONTH	13.5	5.5	9.5	19.0	7.0	12.0	24.5	11.0	17.0	29.0	14.0	20.0

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	25.0	27.0	---	---	---	28.5	27.5	28.0	27.5	25.0	26.5
2	30.0	26.0	27.5	---	---	---	28.0	27.0	27.5	28.5	25.5	27.0
3	30.5	26.5	28.0	27.5	26.0	26.5	28.5	27.0	27.5	27.0	25.5	26.5
4	31.0	27.0	28.5	26.5	26.0	26.0	29.0	27.0	28.0	27.0	24.5	26.0
5	30.0	27.0	28.5	26.5	25.0	26.0	30.5	27.0	28.5	25.0	24.5	24.5
6	28.0	26.5	27.5	25.5	24.0	25.0	32.0	28.0	29.5	24.5	23.5	24.0
7	26.5	25.5	26.0	26.5	25.0	25.5	31.0	27.5	29.0	24.5	23.5	24.0
8	26.0	25.0	25.5	28.0	25.5	27.0	28.5	26.5	27.5	25.0	23.0	24.0
9	26.0	25.0	25.5	28.5	26.5	27.5	27.5	25.5	26.5	26.5	23.5	24.5
10	27.0	25.0	25.5	28.5	26.5	28.0	26.5	24.5	25.5	27.5	24.0	25.5
11	26.5	25.5	26.0	31.5	28.0	29.0	25.5	24.5	25.0	28.0	24.5	26.0
12	27.0	25.5	26.0	31.0	29.0	29.5	25.5	24.5	25.0	29.0	25.5	27.0
13	28.0	26.0	26.5	31.0	29.0	29.5	26.5	24.5	25.5	28.0	26.5	27.0
14	28.5	25.5	27.0	31.0	29.0	29.5	26.0	25.0	25.5	28.5	26.5	27.0
15	29.0	26.5	27.5	29.0	28.0	29.0	26.0	24.5	25.0	27.5	26.5	27.0
16	27.0	26.0	26.5	28.5	27.5	28.0	28.0	24.5	26.0	27.0	25.5	26.5
17	26.0	25.0	25.5	28.0	24.0	25.5	27.0	25.5	26.0	27.5	24.5	25.5
18	25.5	24.0	25.0	26.0	25.5	25.5	26.0	25.0	25.5	26.0	24.0	24.5
19	25.5	24.5	25.0	26.5	25.5	26.0	26.0	24.0	25.0	24.0	22.5	23.5
20	26.0	24.5	25.0	26.5	25.5	26.0	26.5	24.5	25.5	23.0	22.0	22.5
21	25.5	25.0	25.5	27.0	25.5	26.0	27.0	24.5	26.0	---	---	---
22	25.0	23.5	24.0	27.0	26.0	26.5	28.5	25.5	27.0	---	---	---
23	25.0	23.5	24.0	29.5	27.0	27.5	29.0	27.0	28.0	23.5	23.0	23.0
24	26.0	24.5	25.0	29.5	27.0	28.0	29.0	27.0	28.0	22.5	21.0	22.0
25	27.0	25.0	26.0	29.5	27.0	28.0	---	---	---	21.0	19.0	20.0
26	28.0	26.0	27.0	30.5	27.5	29.0	---	---	---	19.0	18.0	18.5
27	29.0	27.5	28.0	30.0	28.5	29.0	---	---	---	19.0	18.0	18.5
28	30.0	28.0	28.5	30.0	28.5	29.0	---	---	---	18.5	17.5	18.0
29	29.5	28.0	28.5	31.5	28.5	29.5	---	---	---	18.5	18.0	18.5
30	29.0	27.5	28.0	30.0	28.5	29.0	27.0	25.5	26.5	18.5	18.5	18.5
31	---	---	---	30.0	28.0	29.0	27.0	25.0	26.0	---	---	---
MONTH	31.0	23.5	26.5	31.5	24.0	27.5	32.0	24.0	26.5	29.0	17.5	24.0
YEAR	32.0	3.0	17.0									

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.9	4.7	6.6	10.4	9.2	9.7	10.3	9.8	10.1	11.5	11.1	11.3
2	8.0	5.5	6.7	9.9	8.2	9.3	10.5	10.3	10.4	11.1	10.9	11.0
3	7.0	6.0	6.6	10.1	8.0	9.3	11.1	10.4	10.7	11.2	10.8	11.0
4	7.5	7.2	7.3	10.1	8.6	9.5	11.5	10.7	11.0	11.1	10.9	11.0
5	8.4	7.5	8.0	10.0	7.9	9.2	11.7	10.9	11.2	11.2	10.7	10.9
6	9.0	8.4	8.7	10.4	9.4	9.8	11.9	10.9	11.3	11.0	10.7	10.8
7	9.4	8.9	9.1	9.7	9.1	9.3	11.9	11.0	11.4	11.0	10.6	10.8
8	10.0	9.4	9.7	9.9	8.3	9.3	12.1	11.0	11.4	10.9	10.2	10.6
9	10.3	9.6	9.9	---	---	---	11.5	10.9	11.1	10.3	10.0	10.2
10	10.4	9.6	10.0	---	---	---	11.8	10.9	11.1	10.2	9.9	10.0
11	10.5	9.5	9.9	---	---	---	11.5	10.9	11.1	10.4	10.0	10.1
12	10.3	8.2	9.4	---	---	---	11.9	11.0	11.4	10.5	10.1	10.2
13	10.7	9.5	10.0	---	---	---	12.3	11.4	11.7	10.4	10.1	10.3
14	10.9	8.6	9.8	---	---	---	12.7	11.6	12.1	10.1	10.0	10.1
15	11.2	8.7	10.1	---	---	---	12.6	11.6	12.0	10.4	10.1	10.3
16	12.2	10.1	11.1	9.8	7.2	8.7	13.0	11.8	12.2	11.0	10.3	10.5
17	11.7	9.8	10.7	9.1	7.6	8.6	12.6	11.6	12.0	10.8	10.3	10.5
18	11.2	9.1	10.3	9.4	8.6	8.9	12.7	11.6	12.0	11.0	10.4	10.6
19	10.9	7.6	9.8	9.1	8.4	8.8	13.2	11.6	12.2	11.2	10.6	10.8
20	11.4	9.5	10.4	9.3	8.8	9.0	13.1	11.5	12.1	11.2	10.8	10.9
21	9.7	9.4	9.6	10.2	9.0	9.4	13.1	11.8	12.3	11.7	10.9	11.2
22	10.1	9.0	9.5	9.8	8.9	9.3	13.4	11.7	12.3	11.9	10.8	11.3
23	10.2	9.0	9.5	9.5	9.1	9.3	12.4	11.4	11.8	12.4	11.1	11.6
24	10.2	8.9	9.3	10.8	9.5	10.0	11.9	10.7	11.3	12.4	11.3	11.7
25	9.9	7.7	8.9	10.9	9.6	10.1	11.4	10.5	10.8	12.0	11.2	11.6
26	9.6	7.1	8.7	10.8	9.5	9.9	12.2	10.0	10.6	12.2	10.9	11.5
27	9.8	6.1	8.3	10.0	9.7	9.8	12.2	10.4	11.0	11.8	10.6	11.0
28	9.9	8.9	9.3	9.7	9.2	9.4	11.4	10.1	10.7	11.7	10.3	10.9
29	10.0	8.9	9.3	9.2	9.0	9.0	11.8	10.6	11.1	11.2	10.1	10.6
30	10.5	8.0	8.9	9.8	9.2	9.6	11.4	10.8	11.1	10.8	9.8	10.3
31	9.6	8.9	9.3	---	---	---	11.5	10.8	11.2	11.2	9.9	10.3
MONTH	12.2	4.7	9.2	10.9	7.2	9.4	13.4	9.8	11.4	12.4	9.8	10.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.3	9.8	10.4	12.9	11.8	12.1	8.3	7.8	8.1	8.4	7.8	8.0
2	11.8	9.7	10.4	11.8	10.8	11.1	8.8	8.1	8.5	8.3	8.1	8.2
3	11.4	9.2	10.0	10.8	10.4	10.6	8.8	8.4	8.6	8.4	8.2	8.3
4	9.6	8.9	9.2	10.5	10.3	10.5	8.8	8.4	8.6	8.6	8.3	8.5
5	9.1	8.6	8.8	10.3	9.7	10.2	8.5	8.3	8.4	8.8	8.4	8.6
6	9.5	8.3	8.7	9.9	9.5	9.8	8.8	8.2	8.4	8.7	8.5	8.6
7	9.6	8.4	8.9	9.9	8.6	9.7	8.6	8.2	8.4	9.0	8.6	8.8
8	9.9	8.9	9.2	10.5	10.0	10.2	9.1	8.4	8.8	---	---	---
9	10.2	9.0	9.5	11.1	10.4	10.6	9.5	9.2	9.3	9.1	9.0	9.0
10	11.1	9.4	10.2	10.7	10.2	10.5	9.6	9.4	9.5	9.2	9.0	9.1
11	11.6	9.8	10.6	10.3	9.8	10.2	10.0	9.5	9.8	9.2	9.0	9.1
12	12.3	10.3	11.1	9.9	9.5	9.7	10.2	9.8	10.0	9.2	8.9	9.0
13	---	---	---	9.6	9.5	9.5	10.0	9.6	9.9	9.2	8.8	9.0
14	---	---	---	9.7	9.5	9.6	10.0	9.4	9.7	9.0	8.6	8.8
15	---	---	---	9.7	9.3	9.5	9.3	8.9	9.2	8.9	8.4	8.6
16	---	---	---	9.4	8.9	9.2	9.1	8.8	8.9	8.8	8.2	8.5
17	9.7	9.0	9.3	9.1	8.5	8.8	9.4	8.9	9.1	8.9	8.2	8.4
18	9.8	8.9	9.3	8.6	8.4	8.5	9.3	8.6	9.0	9.1	8.1	8.4
19	10.5	9.5	10.1	8.9	8.2	8.4	8.9	8.4	8.6	8.7	7.9	8.2
20	11.2	10.5	10.8	8.5	8.2	8.3	8.7	8.1	8.4	8.3	7.7	8.0
21	11.3	10.7	11.1	8.9	8.5	8.7	9.1	8.3	8.6	8.4	7.6	7.9
22	11.3	9.8	10.7	9.3	8.7	9.1	9.7	8.3	8.9	8.4	7.5	7.9
23	---	---	---	10.7	9.3	9.9	9.0	8.3	8.5	8.3	7.3	7.7
24	---	---	---	12.0	10.8	11.7	8.9	8.1	8.5	8.1	7.3	7.6
25	---	---	---	11.7	10.2	11.1	9.9	8.1	8.7	7.9	7.2	7.5
26	---	---	---	10.1	9.2	9.6	9.6	7.9	8.5	8.0	7.2	7.6
27	---	---	---	9.2	8.7	9.0	9.8	7.6	8.4	7.8	7.0	7.4
28	---	---	---	9.0	8.2	8.6	10.1	7.5	8.5	7.9	7.0	7.3
29	---	---	---	8.3	7.9	8.2	8.3	7.5	7.9	7.9	6.9	7.4
30	---	---	---	7.9	7.6	7.8	8.5	7.6	7.9	8.1	7.1	7.5
31	---	---	---	7.9	7.6	7.7	---	---	---	8.6	7.1	7.6
MONTH	12.3	8.3	9.9	12.9	7.6	9.6	10.2	7.5	8.8	9.2	6.9	8.2

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.4	6.8	7.5	---	---	---	7.3	6.7	6.9	6.7	6.1	6.5
2	8.1	6.6	7.2	---	---	---	7.0	5.8	6.6	6.6	6.2	6.4
3	8.1	6.5	7.1	6.4	5.9	6.2	7.1	6.5	6.7	6.7	6.4	6.6
4	7.8	6.4	6.9	6.3	5.9	6.1	6.9	6.4	6.7	7.0	6.8	6.8
5	7.7	6.4	6.8	6.6	6.1	6.3	7.4	6.4	6.8	7.2	6.8	7.1
6	7.0	6.5	6.7	6.9	6.5	6.6	7.6	6.4	6.8	7.4	7.1	7.2
7	7.2	6.8	6.9	6.5	6.2	6.4	7.9	6.5	7.0	7.5	7.3	7.4
8	7.3	6.8	7.0	6.5	6.0	6.2	8.0	6.6	7.0	7.5	7.3	7.4
9	7.4	7.0	7.2	6.5	5.7	6.1	8.3	6.9	7.5	7.5	7.1	7.3
10	7.4	6.8	7.1	5.9	5.5	5.7	8.7	7.2	7.9	7.4	7.0	7.2
11	7.3	6.6	7.0	6.2	5.6	5.8	8.7	7.5	8.1	7.4	6.9	7.1
12	7.3	6.7	6.9	6.3	5.6	5.9	8.9	7.5	8.1	7.5	6.8	7.1
13	7.2	6.8	6.9	6.3	5.8	6.0	9.0	7.5	8.1	7.5	6.3	6.9
14	7.3	6.5	6.8	6.3	5.7	5.9	8.2	7.3	7.6	7.2	6.3	6.4
15	7.1	6.4	6.7	6.0	5.6	5.8	7.8	7.2	7.5	6.8	6.3	6.5
16	6.9	6.4	6.6	6.1	5.0	5.7	8.0	7.0	7.4	6.6	6.2	6.4
17	7.2	6.5	6.8	6.5	5.8	6.0	7.6	7.0	7.2	7.2	6.4	6.7
18	7.1	6.7	6.9	6.0	5.8	5.8	7.9	4.8	6.9	6.9	6.5	6.7
19	7.2	6.8	7.0	6.3	6.0	6.1	6.8	5.3	6.4	7.4	6.8	7.1
20	7.2	6.9	7.1	6.2	5.9	6.0	7.1	6.8	6.9	7.4	7.0	7.2
21	7.3	6.8	7.0	---	---	---	7.2	6.5	6.9	---	---	---
22	7.6	6.8	7.3	---	---	---	6.9	6.4	6.7	---	---	---
23	7.5	7.0	7.2	---	---	---	6.7	5.9	6.4	7.0	6.5	6.7
24	7.2	6.8	6.9	---	---	---	6.4	5.7	5.9	7.3	7.0	7.2
25	7.0	6.5	6.8	7.1	6.6	6.8	---	---	---	7.7	7.3	7.5
26	6.7	6.2	6.5	7.1	6.3	6.7	---	---	---	8.0	7.7	7.9
27	7.4	6.2	6.4	7.0	6.2	6.5	---	---	---	8.4	7.9	8.2
28	6.5	5.9	6.2	7.1	6.2	6.6	---	---	---	8.4	8.1	8.3
29	6.5	5.9	6.1	7.2	6.0	6.3	---	---	---	8.2	8.0	8.1
30	6.6	5.9	6.1	6.7	6.1	6.4	6.8	6.2	6.5	8.1	8.0	8.1
31	---	---	---	7.0	6.3	6.6	7.0	6.5	6.7	---	---	---
MONTH	8.4	5.9	6.9	7.2	5.0	6.2	9.0	4.8	7.0	8.4	6.1	7.1
YEAR	13.4	4.7	8.7									

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC

LOCATION.--Lat 34°54'19'', long 81°54'54'', Spartanburg County, Hydrologic Unit 03050107, on left bank at Spartanburg Sewage Treatment Plant, 0.5 mi downstream of State Highway 295, 0.7 mi south of Spartanburg, and 2.2 mi upstream of Beaverdam Creek.

DRAINAGE AREA.--23.6 mi^2.

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

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

REMARKS.--May to Sept. 1988: Records good, except for estimated daily discharges: June 17, 18, 19, 30, Sept. 4, 17, which are fair.
Water year 1989: Records good, except for estimated daily dicharges: Nov 27, 28, Dec. 30, 31, Feb 27, 28, Mar. 23, which are fair, and Jan. 18 - 31, May 17 to June 21, July 23 to Aug. 14, Aug. 17 to Sept. 30, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 20, 1989, gage height, 11.20 ft; minimum, 5.8 ft^3/s, Aug. 27, 1988, gage height, 1.38 ft.

EXTREMES FOR CURRENT YEAR.--May to Sept. 1988: Maximum discharge, unknown, June 18, gage height, 8.13 ft, minimum 5.8 ft^3/s, Aug. 27, gage height 1.38 ft.
Water Year 1989: Maximum discharge, unknown, June 20, gage height, 11.20; minimum recorded, 8.3 ft^3/s,Oct.12, 13,16, 17, gage height, 1.48 ft. (minimum may have been exceeded during the period of missing record Aug. 17 to Sept. 30).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	11	23	7.7	8.4
2	---	---	---	---	---	---	---	---	11	13	34	8.0
3	---	---	---	---	---	---	---	---	23	22	15	14
4	---	---	---	---	---	---	---	---	16	18	16	129
5	---	---	---	---	---	---	---	---	11	14	10	60
6	---	---	---	---	---	---	---	---	11	12	8.7	14
7	---	---	---	---	---	---	---	---	11	10	8.1	11
8	---	---	---	---	---	---	---	---	11	9.8	7.9	9.8
9	---	---	---	---	---	---	---	---	11	9.7	7.4	84
10	---	---	---	---	---	---	---	---	12	9.2	39	23
11	---	---	---	---	---	---	---	---	10	9.3	43	13
12	---	---	---	---	---	---	---	---	9.7	9.7	14	11
13	---	---	---	---	---	---	---	---	9.7	25	8.6	12
14	---	---	---	---	---	---	---	---	9.4	18	7.6	10
15	---	---	---	---	---	---	---	---	9.3	11	7.4	9.6
16	---	---	---	---	---	---	---	---	13	9.5	7.6	9.8
17	---	---	---	---	---	---	---	14	85	9.0	7.7	111
18	---	---	---	---	---	---	---	13	92	8.6	7.2	36
19	---	---	---	---	---	---	---	13	74	8.7	6.9	21
20	---	---	---	---	---	---	---	13	18	8.4	12	15
21	---	---	---	---	---	---	---	13	15	8.4	11	12
22	---	---	---	---	---	---	---	12	12	14	18	11
23	---	---	---	---	---	---	---	12	11	28	8.2	10
24	---	---	---	---	---	---	---	35	11	11	8.4	9.8
25	---	---	---	---	---	---	---	19	10	8.9	7.0	9.6
26	---	---	---	---	---	---	---	14	10	8.5	6.3	9.9
27	---	---	---	---	---	---	---	13	10	9.7	6.0	9.8
28	---	---	---	---	---	---	---	13	9.5	11	84	9.8
29	---	---	---	---	---	---	---	12	9.1	13	34	9.7
30	---	---	---	---	---	---	---	12	117	12	11	9.6
31	---	---	---	---	---	---	---	11	---	8.1	9.1	---
TOTAL	---	---	---	---	---	---	---	---	672.7	390.5	478.8	710.8
MEAN	---	---	---	---	---	---	---	---	22.4	12.6	15.4	23.7
MAX	---	---	---	---	---	---	---	---	117	28	84	129
MIN	---	---	---	---	---	---	---	---	9.1	8.1	6.0	8.0

SANTEE RIVER BASIN

02159810 FAIRFOREST CREEK BELOW SPARTANBURG, SC--CONTINUED

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	33	16	69	11	51	23	175	15	20	25	12
2	22	11	15	20	12	32	22	68	14	19	19	12
3	34	10	14	16	12	69	25	25	13	28	16	11
4	19	11	13	14	11	36	72	21	20	76	14	11
5	11	79	12	13	20	63	53	117	45	38	13	10
6	10	16	12	28	16	82	25	61	30	21	14	20
7	9.6	12	12	14	26	36	91	26	18	42	14	16
8	9.5	11	12	13	14	27	67	23	17	32	13	14
9	9.1	11	14	12	12	25	44	61	30	19	12	12
10	9.2	11	12	14	12	23	29	84	17	18	11	11
11	9.1	12	12	28	12	22	26	28	16	17	10	10
12	8.7	11	11	31	11	22	24	24	21	17	10	10
13	8.4	11	11	31	11	21	23	22	18	37	9.5	11
14	8.9	11	11	20	11	20	22	20	15	20	15	12
15	8.9	11	11	16	11	20	62	28	35	25	20	12
16	8.6	11	11	13	11	20	26	20	120	64	20	15
17	8.7	45	11	13	23	19	22	19	70	32	16	10
18	8.9	14	11	12	46	20	22	18	35	20	14	10
19	18	12	11	12	29	19	21	17	17	37	16	9.5
20	9.2	14	11	12	104	58	20	22	400	29	14	9.5
21	38	12	11	13	118	29	20	17	200	20	12	15
22	14	11	11	12	40	84	19	40	88	21	10	100
23	9.4	20	18	12	28	234	18	80	50	16	11	25
24	9.1	18	15	12	22	148	19	35	31	15	13	20
25	8.9	12	12	12	18	50	19	21	27	14	11	35
26	9.1	12	11	11	17	36	17	19	24	14	13	150
27	9.3	128	11	11	100	30	17	18	22	19	18	50
28	9.1	112	11	11	232	27	16	17	35	16	14	35
29	9.0	25	11	11	---	26	20	17	23	13	35	28
30	9.0	18	37	11	---	57	24	16	21	22	15	90
31	16	---	78	11	---	29	---	15	---	30	13	---
TOTAL	381.2	725	469	528	990	1435	908	1174	1487	811	460.5	786.0
MEAN	12.3	24.2	15.1	17.0	35.4	46.3	30.3	37.9	49.6	26.2	14.9	26.2
MAX	38	128	78	69	232	234	91	175	400	76	35	150
MIN	8.4	10	11	11	11	19	16	15	13	13	9.5	9.5

WTR YR 1989 TOTAL 10154.7 MEAN 27.8 MAX 400 MIN 8.4

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 mi^2.

WATER-DISCHARGE RECORDS

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

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

REMARKS.--Records good, except for estimated daily discharges: Feb. 6, 8, 15, May 8, July 1,2, which are fair, and Feb. 9 - 14, which are poor.

AVERAGE DISCHARGE.--16 years, 1,022 ft^3/s, 18.29 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft^3/s, Oct. 11, 1976, gage height, 26.31 ft (from floodmarks); minimum, 96 ft^3/s, Aug. 28, 1988, gage height, 2.83 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,500 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage height (ft)
July 17	0800	*6,880	*14.15

Minimum discharge, 157 ft^3/s, Oct. 2, 3, gage height, 3.27 ft; minimum daily 161 ft^3/s, Oct. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	174	339	655	712	321	4030	942	562	311	438	850	572
2	161	289	516	891	351	3270	811	1950	279	414	718	459
3	194	282	472	832	366	2190	753	1860	263	391	716	386
4	628	265	445	738	357	2030	732	1250	279	463	589	339
5	524	304	416	623	371	2260	788	889	280	830	477	321
6	411	358	370	549	395	2640	917	1480	429	809	402	296
7	359	460	341	560	379	2510	875	1460	460	659	341	326
8	293	398	334	596	383	1700	931	1060	430	561	311	380
9	254	400	359	545	400	1240	1220	876	408	494	293	350
10	240	389	411	507	380	1080	1150	1680	379	434	281	305
11	228	330	382	499	360	937	1010	1660	341	412	269	264
12	207	316	362	463	345	897	878	1190	331	358	243	249
13	179	297	315	581	330	790	800	923	319	349	225	279
14	169	256	296	652	320	718	710	794	310	338	224	327
15	167	246	292	689	298	671	1660	745	279	346	235	287
16	169	246	322	669	296	642	1920	687	326	380	243	291
17	172	300	330	607	315	620	1200	619	690	3450	267	308
18	176	317	325	513	364	599	911	570	888	824	411	261
19	176	354	295	534	475	589	783	518	684	559	435	241
20	199	331	307	533	584	549	717	495	589	705	381	234
21	203	323	310	492	1260	618	642	481	1400	853	348	238
22	220	288	309	461	2150	1000	593	462	2330	699	307	364
23	256	286	317	433	1660	2400	554	474	2020	545	267	710
24	279	323	350	413	1180	5390	531	477	1420	502	268	815
25	247	370	358	400	930	5930	485	518	1040	442	364	476
26	220	378	341	395	839	3950	458	455	795	509	387	570
27	198	341	320	393	753	1910	471	420	667	500	425	871
28	198	587	293	384	2600	1400	439	390	569	412	856	838
29	193	1140	277	370	---	1170	417	364	496	390	618	612
30	190	929	314	335	---	1080	399	337	486	366	483	670
31	200	---	375	328	---	1060	---	329	---	380	517	---
TOTAL	7484	11442	11109	16697	18762	55870	24697	25975	19498	18812	12751	12639
MEAN	241	381	358	539	670	1802	823	838	650	607	411	421
MAX	628	1140	655	891	2600	5930	1920	1950	2330	3450	856	871
MIN	161	246	277	328	296	549	399	329	263	338	224	234

WTR YR 1989 TOTAL 235736 MEAN 646 MAX 5930 MIN 161

02160105 TYGER RIVER NEAR DELTA, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor and data collection platform.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 291 microsiemens, Aug. 31, 1988; minimum, 13 microsiemens, Oct. 9, 10, 1976.
pH: Maximum, 8.2 units, Aug. 27, 29, 1988; minimum 5.6 units, July 17, 1989.
WATER TEMPERATURE: Maximum, 32.0°C, July 21, 1981, Aug. 23, 1983; minimum, <0.5°C several days, several years.
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, 191 microsiemens, Oct. 2; minimum, 36 microsiemens, July 17.
pH: Maximum 7.8 units, Oct. 1, 2, May 17; minimum, 5.6 units, July 17.
WATER TEMPERATURE: Maximum, 29.0°C, July 11, 12, Aug. 6; minimum, 0.5°C, Dec. 19.
DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Dec. 14; minimum 6.0 mg/L, July 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	186	179	183	126	119	123	113	98	106	131	117	126
2	191	183	187	130	122	125	125	114	120	114	95	104
3	190	163	182	130	128	129	138	124	130	95	86	90
4	164	135	150	138	130	133	140	137	138	92	86	88
5	143	121	132	147	139	142	147	138	143	103	95	99
6	128	117	123	153	147	150	147	131	141	108	102	106
7	125	118	121	159	149	155	131	121	125	111	106	109
8	124	119	123	152	146	148	134	119	124	115	110	113
9	147	124	140	145	128	137	155	138	148	114	110	112
10	148	138	144	129	110	123	152	142	145	109	101	104
11	143	127	139	142	129	136	153	144	149	100	94	96
12	125	104	113	152	142	148	155	150	153	110	94	102
13	106	96	102	160	152	156	156	151	154	115	107	111
14	104	93	98	173	161	167	155	143	151	107	101	103
15	110	103	107	174	172	173	143	134	138	105	92	101
16	112	109	111	175	170	173	169	143	159	91	88	89
17	112	110	111	156	137	143	165	161	162	88	79	84
18	116	110	113	159	139	151	166	161	164	84	78	80
19	117	107	114	177	158	169	172	164	167	102	85	95
20	107	88	99	171	165	168	175	162	170	100	96	97
21	91	88	89	164	158	161	157	124	139	102	97	100
22	97	92	95	162	155	157	144	120	130	106	102	104
23	105	96	99	165	149	160	160	145	152	107	103	104
24	107	92	100	146	132	137	160	138	151	104	96	100
25	92	89	91	151	135	144	154	135	143	108	96	103
26	91	85	87	157	150	154	155	130	142	130	103	116
27	96	92	94	151	138	147	131	118	122	137	130	134
28	105	93	98	135	122	126	120	116	118	143	135	138
29	112	106	109	137	88	110	120	115	117	146	142	144
30	118	110	114	99	88	92	123	114	116	149	143	146
31	125	117	122	---	---	---	136	124	131	151	145	148
MONTH	191	85	119	177	88	145	175	98	140	151	78	108

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	145	123	137	58	54	56	84	81	83	135	109	126
2	136	119	126	64	58	61	89	84	87	106	65	81
3	146	137	142	66	60	63	90	88	89	80	67	76
4	151	144	147	69	62	65	91	88	90	90	80	85
5	---	---	---	66	45	61	88	84	86	96	90	94
6	---	---	---	60	48	56	97	89	94	94	76	84
7	141	129	135	63	56	60	94	93	94	81	75	80
8	---	---	---	72	63	68	93	86	91	---	---	---
9	---	---	---	80	73	77	86	83	85	79	77	78
10	---	---	---	85	80	83	83	79	81	77	66	71
11	---	---	---	92	85	88	79	74	76	81	73	78
12	---	---	---	94	92	93	82	74	77	91	81	86
13	---	---	---	95	91	93	87	82	85	93	90	91
14	---	---	---	91	87	90	92	88	90	101	93	98
15	---	---	---	92	86	88	92	52	71	101	99	99
16	141	128	133	106	92	100	77	60	67	100	94	98
17	152	137	147	110	106	108	83	77	81	100	94	95
18	149	143	145	114	109	111	85	81	83	114	100	109
19	149	141	144	116	113	114	87	81	83	121	112	116
20	145	116	130	120	107	116	96	87	92	133	121	129
21	119	74	99	107	101	104	102	96	99	139	128	133
22	74	67	70	99	86	91	108	101	105	145	134	139
23	77	72	75	86	43	67	110	107	109	134	118	127
24	84	77	81	49	44	47	111	108	109	133	117	122
25	93	85	90	53	48	50	108	101	105	132	124	128
26	96	92	94	57	52	55	104	99	102	132	126	129
27	97	92	96	60	56	59	116	103	111	134	127	131
28	91	54	63	66	60	64	120	115	118	141	134	138
29	---	---	---	73	65	68	125	119	122	143	138	140
30	---	---	---	77	73	75	130	123	127	138	124	133
31	---	---	---	80	75	78	---	---	---	125	120	123
MONTH	152	54	114	120	43	78	130	52	93	145	65	107
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	138	122	127	---	---	---	164	109	135	133	111	116
2	155	136	146	---	---	---	118	108	113	120	112	117
3	162	153	159	124	112	121	132	119	128	124	120	122
4	171	159	166	111	88	104	137	130	133	125	115	120
5	165	157	162	102	90	98	135	130	132	120	111	115
6	156	116	137	98	93	95	150	137	145	120	112	115
7	114	112	113	93	90	92	147	143	146	115	111	112
8	128	112	121	102	93	99	145	141	143	128	115	122
9	133	128	131	111	102	107	143	137	139	128	124	126
10	141	133	137	113	107	110	154	136	143	134	126	130
11	155	141	148	108	104	106	162	153	157	144	135	140
12	156	141	151	110	104	106	174	162	166	142	124	134
13	140	127	132	123	109	118	183	173	177	131	124	128
14	127	119	123	135	119	127	175	166	170	124	117	120
15	135	118	124	145	135	139	165	158	162	135	118	126
16	146	134	141	142	126	138	164	149	159	145	136	141
17	138	120	130	121	36	63	165	146	157	144	137	141
18	120	107	112	118	86	102	172	153	161	148	143	146
19	106	79	95	120	115	117	161	147	155	153	141	148
20	95	84	92	128	98	115	177	147	155	142	137	139
21	84	68	78	112	92	101	183	160	175	139	136	138
22	73	67	70	126	108	118	157	150	154	138	125	129
23	85	73	80	146	126	131	154	148	150	129	118	124
24	89	85	87	142	132	137	162	150	155	125	101	111
25	94	89	92	141	131	137	175	163	170	104	100	101
26	94	88	91	133	119	128	165	154	160	105	98	102
27	89	87	88	141	125	134	175	164	171	102	78	95
28	95	87	90	154	136	146	168	111	132	93	83	89
29	108	95	103	168	154	162	110	106	108	98	90	95
30	118	109	114	172	166	169	116	105	109	101	84	95
31	---	---	---	175	164	169	152	117	134	---	---	---
MONTH	171	67	118	175	36	120	183	105	148	153	78	121
YEAR	191	36	118									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.5	19.0	20.5	12.0	9.5	10.5	8.0	6.5	7.0	7.5	6.5	7.0
2	23.0	20.5	21.5	12.0	9.5	10.5	6.5	5.0	6.0	8.5	7.5	8.0
3	21.5	19.5	20.5	11.0	9.0	10.0	6.0	4.0	5.5	8.5	8.0	8.5
4	19.5	18.5	19.0	12.0	9.0	10.5	6.5	4.5	5.5	8.0	6.5	7.0
5	18.0	16.5	17.5	14.5	12.0	13.5	5.5	3.5	4.5	6.0	4.5	5.5
6	16.5	15.0	15.5	13.0	11.0	12.5	5.5	3.0	4.5	6.5	5.0	5.5
7	15.5	13.5	14.5	11.5	10.0	11.0	6.0	3.5	5.0	7.5	6.5	7.0
8	14.5	12.0	13.5	11.0	9.0	10.0	7.0	5.0	6.0	10.0	8.0	9.0
9	14.0	11.5	12.5	13.0	11.0	12.0	7.5	6.5	7.0	10.0	9.0	10.0
10	14.5	11.0	13.0	14.5	12.0	13.5	6.5	5.5	6.0	9.0	7.5	8.0
11	15.5	12.0	13.5	14.5	12.5	13.5	6.0	4.5	5.0	7.5	7.0	7.5
12	15.5	12.5	14.0	12.0	10.5	11.0	4.0	2.0	3.5	8.5	7.5	8.0
13	13.5	10.0	12.0	12.5	10.5	11.5	3.0	1.0	2.0	9.5	8.5	9.0
14	12.5	8.5	10.5	12.5	10.0	11.0	3.5	1.0	2.0	8.5	6.5	7.0
15	13.0	8.5	10.5	12.0	9.0	11.0	6.0	2.5	4.5	7.0	6.0	6.5
16	13.5	9.5	11.5	14.0	11.0	12.5	6.0	5.0	5.5	7.5	6.0	6.5
17	16.0	12.0	13.5	16.0	13.0	14.5	5.0	3.0	4.0	6.5	5.0	5.5
18	17.0	13.0	15.0	13.0	10.5	11.5	2.5	1.0	2.0	6.0	4.0	5.0
19	18.0	15.5	16.5	11.0	10.5	10.5	3.0	.5	2.0	5.5	4.0	5.0
20	15.0	13.0	14.0	12.5	10.5	11.5	4.5	1.5	3.0	7.0	5.5	6.5
21	13.5	12.5	13.0	12.0	10.0	11.0	6.0	4.0	5.0	6.5	4.5	5.5
22	14.0	11.0	12.5	10.0	9.0	9.5	8.5	6.0	7.0	5.0	3.5	4.5
23	12.5	10.0	11.5	9.5	9.0	9.5	9.0	8.0	8.5	6.0	3.5	4.5
24	14.5	11.5	12.5	11.5	9.0	10.0	10.5	8.5	9.5	6.5	3.5	5.0
25	13.0	10.5	12.0	10.0	8.0	9.0	10.5	8.5	10.0	7.0	4.5	5.5
26	12.0	10.5	11.0	10.5	8.0	9.5	8.5	6.5	7.0	8.0	5.0	6.5
27	11.5	9.5	10.5	12.0	10.5	11.5	7.0	5.0	6.0	10.0	8.0	9.0
28	15.0	11.5	13.0	12.5	10.5	12.0	9.5	6.5	8.0	8.5	6.5	8.0
29	15.0	13.0	14.0	10.5	9.0	9.5	8.0	5.5	6.5	9.0	6.0	7.5
30	13.5	11.0	12.5	8.5	7.0	8.0	5.0	4.0	4.5	10.0	8.5	9.0
31	11.5	10.0	11.0	---	---	---	6.5	4.5	5.5	9.5	7.5	8.5
MONTH	23.0	8.5	14.0	16.0	7.0	11.0	10.5	.5	5.5	10.0	3.5	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	7.5	9.0	7.5	6.5	7.0	17.0	14.5	15.5	21.0	19.5	20.5
2	12.5	9.5	11.0	8.5	7.0	7.5	15.5	12.5	14.0	19.5	18.0	18.5
3	15.0	11.5	13.5	8.5	8.0	8.5	16.0	13.5	14.5	18.0	17.0	17.5
4	14.5	12.0	13.5	9.5	8.5	9.0	17.5	14.5	16.0	17.5	16.0	16.5
5	13.0	10.5	11.0	11.5	9.0	10.0	16.5	16.0	16.5	18.0	16.5	17.0
6	11.0	9.5	10.0	12.5	10.5	11.5	17.0	15.0	16.0	18.0	16.5	17.5
7	13.0	11.0	12.0	11.5	8.5	10.5	15.5	13.0	14.0	17.0	15.5	16.0
8	11.5	10.0	10.5	8.5	7.0	7.5	13.0	10.5	11.5	15.0	13.5	14.5
9	---	---	---	9.0	6.5	7.5	12.5	10.5	11.5	15.0	14.5	14.5
10	---	---	---	10.0	7.0	8.5	12.5	11.0	12.0	16.0	14.5	15.0
11	---	---	---	10.5	8.0	9.0	12.0	10.5	11.0	15.5	14.5	15.0
12	---	---	---	11.5	8.5	10.0	12.0	9.0	10.5	15.5	13.5	14.5
13	---	---	---	11.0	10.0	10.5	14.0	10.0	12.0	16.0	14.0	15.0
14	---	---	---	10.5	9.0	10.0	15.0	11.5	13.5	18.0	15.5	16.5
15	14.5	10.5	12.0	13.5	10.0	11.5	14.5	13.0	13.5	19.5	17.0	18.0
16	15.0	12.0	13.5	15.5	13.0	14.0	16.0	13.0	14.5	19.5	17.5	18.5
17	13.5	8.5	11.0	15.5	13.0	14.5	17.0	14.0	15.5	19.5	16.5	18.5
18	8.5	6.0	7.0	17.0	14.0	15.5	18.5	15.0	17.0	20.5	17.5	19.0
19	5.5	5.0	5.5	16.5	14.5	15.5	19.0	16.5	18.0	20.0	19.0	19.5
20	6.0	5.5	5.5	14.5	11.5	12.5	18.0	16.0	17.0	20.5	18.5	19.0
21	7.5	6.0	6.5	12.5	11.0	11.5	17.5	14.5	16.0	22.0	18.5	20.0
22	9.5	7.5	8.5	12.5	10.0	11.0	18.5	15.0	16.5	23.0	20.0	21.5
23	9.0	6.0	8.0	10.0	7.5	8.5	17.5	16.5	17.0	23.5	21.0	22.0
24	6.5	5.0	5.5	9.0	7.0	8.0	17.5	16.0	16.5	22.5	20.0	21.5
25	5.5	3.5	5.0	11.5	8.5	10.0	20.0	16.5	18.0	23.0	20.0	21.5
26	8.0	4.5	6.0	14.5	11.5	12.5	21.5	18.0	20.0	24.5	21.5	23.0
27	8.0	7.5	7.5	16.0	13.5	14.5	23.0	19.5	21.0	25.5	22.5	24.0
28	7.5	7.0	7.0	17.5	14.5	16.0	23.0	20.0	21.5	24.0	21.5	23.0
29	---	---	---	19.0	16.5	17.5	23.0	21.0	22.0	23.5	20.5	22.0
30	---	---	---	19.0	18.0	18.5	22.5	20.5	21.5	23.5	20.0	22.0
31	---	---	---	19.0	16.5	17.5	---	---	---	25.0	21.0	23.0
MONTH	15.0	3.5	9.0	19.0	6.5	11.5	23.0	9.0	16.0	25.5	13.5	19.0

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	22.5	24.5	24.0	22.5	23.5	26.0	24.5	25.5	26.0	24.0	25.0
2	27.0	23.5	25.0	24.5	22.5	23.5	26.0	24.0	25.0	27.0	24.0	25.5
3	27.0	23.5	25.0	24.5	23.0	23.5	26.5	24.0	25.5	25.5	24.0	24.5
4	26.5	23.5	25.0	24.0	22.5	23.0	26.5	24.0	25.5	24.5	22.5	23.5
5	26.5	23.5	25.0	24.5	22.5	23.5	27.5	24.5	26.0	23.0	21.5	22.0
6	24.5	22.5	23.5	25.0	23.5	24.0	29.0	25.5	27.0	22.0	21.0	21.5
7	24.0	22.0	23.0	26.0	24.0	25.0	28.0	25.0	26.5	22.5	21.0	21.5
8	23.0	22.0	22.5	27.0	24.0	25.5	25.5	22.5	24.0	24.0	21.0	22.5
9	24.0	22.0	23.0	28.0	25.0	26.5	23.5	21.0	22.0	25.0	22.0	23.5
10	25.5	22.0	24.0	28.5	25.0	26.5	24.0	20.5	22.5	26.0	22.5	24.0
11	25.5	22.0	24.0	29.0	25.5	27.5	23.5	21.5	22.5	26.5	23.0	24.5
12	26.0	23.0	24.5	29.0	26.0	27.5	24.0	21.5	22.5	26.5	23.0	25.0
13	26.5	23.0	24.5	28.5	26.0	27.0	25.0	21.5	23.0	27.0	23.5	26.0
14	27.0	23.0	25.0	28.0	25.5	26.5	23.5	22.5	23.0	25.5	23.0	24.5
15	26.5	24.0	25.0	26.0	24.5	25.5	25.0	22.5	23.5	26.0	23.5	24.5
16	24.0	22.0	23.0	25.5	24.0	25.0	26.5	23.0	24.5	26.0	23.5	24.5
17	23.5	21.5	22.5	24.5	22.0	22.5	26.5	23.0	24.5	24.0	21.5	23.0
18	23.5	21.5	22.5	23.5	22.5	23.0	24.5	23.0	24.0	23.5	20.5	22.0
19	23.0	22.0	22.5	24.5	22.0	23.5	25.0	23.0	24.0	21.5	20.5	21.0
20	---	---	---	24.0	22.5	23.0	25.0	23.0	24.0	20.5	20.0	20.5
21	---	---	---	24.5	22.0	23.0	25.5	23.0	24.0	23.5	20.5	22.0
22	22.0	21.5	22.0	24.0	22.5	23.5	26.5	23.5	25.0	23.5	22.0	23.0
23	23.0	21.5	22.5	25.5	23.0	24.0	28.5	24.5	26.5	24.0	22.0	23.0
24	24.0	22.5	23.5	26.5	23.0	24.5	26.5	25.0	25.5	22.0	19.5	21.0
25	25.5	23.0	24.0	27.5	24.0	25.5	26.5	24.5	25.0	19.5	16.5	18.0
26	26.0	23.5	25.0	26.5	24.5	25.5	26.0	24.5	25.0	18.0	16.5	17.0
27	26.5	24.0	25.5	27.5	25.0	26.0	26.5	24.0	25.5	18.5	17.5	18.0
28	27.0	24.5	25.5	28.0	25.0	26.5	26.0	25.0	25.5	17.5	16.5	17.5
29	25.5	24.5	25.0	28.0	25.5	26.5	26.0	24.5	25.0	18.0	17.0	17.5
30	25.5	23.5	24.5	28.0	25.5	26.5	27.0	24.5	25.5	18.0	17.5	18.0
31	---	---	---	28.0	25.0	26.5	27.0	24.5	26.0	---	---	---
MONTH	27.0	21.5	24.0	29.0	22.0	25.0	29.0	20.5	24.5	27.0	16.5	22.0
YEAR	29.0	.5	16.0									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	6.9	7.4	9.3	8.6	9.0	11.3	10.8	11.1	11.0	10.3	10.7
2	7.6	6.6	7.0	9.2	8.6	9.0	11.8	11.2	11.6	10.4	10.2	10.4
3	8.0	6.5	7.0	9.8	9.1	9.5	12.1	11.5	11.9	10.3	10.1	10.2
4	7.7	7.0	7.3	10.0	9.1	9.6	11.8	11.5	11.6	10.9	10.2	10.6
5	8.7	8.0	8.3	9.1	8.3	8.7	12.2	11.6	11.9	11.6	10.9	11.3
6	---	---	---	9.0	8.4	8.8	12.3	11.9	12.1	11.5	11.1	11.4
7	---	---	---	9.5	8.9	9.2	12.2	11.6	11.9	11.1	10.8	11.0
8	---	---	---	10.3	9.5	9.9	11.8	11.2	11.6	10.7	10.1	10.5
9	---	---	---	9.8	9.3	9.6	11.2	10.8	11.0	10.3	10.0	10.1
10	---	---	---	9.5	8.8	9.3	11.5	10.9	11.3	11.0	10.3	10.7
11	---	---	---	9.3	8.8	9.1	11.6	11.2	11.5	11.2	11.0	11.1
12	---	---	---	10.2	9.3	9.9	12.4	11.6	12.1	11.1	10.7	11.0
13	---	---	---	10.0	9.6	9.9	13.0	12.4	12.7	10.6	10.4	10.5
14	---	---	---	10.2	9.7	9.9	13.1	12.5	12.8	11.0	10.4	10.8
15	---	---	---	10.4	9.8	10.1	12.4	11.5	12.1	11.3	11.1	11.1
16	---	---	---	9.8	9.1	9.6	11.5	11.3	11.4	11.3	11.1	11.2
17	---	---	---	9.3	8.6	8.7	11.9	11.3	11.7	11.7	11.2	11.5
18	---	---	---	10.1	9.0	9.7	12.7	12.0	12.4	12.1	11.5	11.8
19	---	---	---	9.9	9.7	9.8	13.0	12.3	12.7	11.9	11.5	11.7
20	---	---	---	9.7	9.3	9.6	12.7	11.9	12.3	11.4	11.0	11.3
21	---	---	---	10.0	9.4	9.7	11.9	11.2	11.7	11.6	11.0	11.4
22	---	---	---	10.6	9.9	10.3	11.3	10.5	11.0	12.2	11.6	12.0
23	---	---	---	10.4	10.0	10.2	10.4	10.0	10.2	12.2	11.6	11.9
24	---	---	---	10.3	10.0	10.1	10.0	9.4	9.8	12.1	11.5	11.8
25	---	---	---	10.6	10.0	10.3	9.9	9.4	9.6	12.0	11.4	11.7
26	9.5	8.7	9.1	10.5	9.8	10.2	11.0	9.8	10.5	12.0	11.0	11.6
27	9.7	8.8	9.3	9.7	8.9	9.3	11.7	11.0	11.3	11.0	10.4	10.7
28	9.4	8.2	8.9	9.3	8.5	8.9	11.1	10.1	10.6	11.3	10.4	10.9
29	8.6	8.1	8.3	10.1	9.3	9.7	11.4	10.2	10.9	11.4	10.7	11.0
30	9.3	8.4	8.8	10.9	10.1	10.6	12.0	11.3	11.7	10.7	10.3	10.6
31	9.6	8.7	9.2	---	---	---	11.7	11.0	11.4	10.8	10.3	10.5
MONTH	9.7	6.5	8.2	10.9	8.3	9.6	13.1	9.4	11.5	12.2	10.0	11.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	10.1	10.5	10.7	10.5	10.5	9.1	7.8	8.3	7.1	6.7	6.9
2	10.4	9.6	10.1	10.6	10.1	10.4	9.3	8.3	8.7	7.4	7.0	7.2
3	9.8	8.5	9.3	10.4	10.1	10.3	8.9	8.1	8.4	7.9	7.0	7.4
4	9.1	8.6	8.8	10.4	10.1	10.3	8.6	7.9	8.2	8.2	7.4	7.7
5	9.7	9.1	9.5	10.2	9.1	10.0	8.2	8.0	8.1	7.8	7.3	7.5
6	10.1	9.7	9.9	9.5	9.1	9.3	8.6	7.9	8.1	7.7	7.3	7.4
7	9.9	9.3	9.6	10.0	9.2	9.5	8.5	8.0	8.2	8.2	7.4	7.8
8	10.1	9.3	9.8	11.0	10.1	10.6	8.9	8.4	8.7	8.7	7.9	8.3
9	---	---	---	11.3	10.6	11.0	9.2	8.7	8.9	8.3	8.1	8.2
10	---	---	---	11.1	10.4	10.7	8.8	8.6	8.7	8.4	7.8	8.1
11	---	---	---	10.9	10.0	10.4	9.3	8.9	9.1	8.3	7.8	8.0
12	---	---	---	10.4	9.7	10.0	9.7	8.9	9.3	8.9	8.0	8.3
13	---	---	---	9.9	9.6	9.8	9.5	8.5	8.9	8.8	7.9	8.3
14	---	---	---	10.4	10.0	10.2	9.1	8.2	8.6	8.6	7.6	8.0
15	10.4	9.1	9.8	10.2	9.4	9.9	8.6	8.0	8.3	8.2	7.3	7.7
16	10.0	9.1	9.5	9.6	8.8	9.2	8.6	8.2	8.3	8.1	7.4	7.6
17	10.3	9.1	9.7	9.5	8.8	9.1	8.6	7.8	8.2	8.3	7.5	7.8
18	11.2	10.4	10.8	9.2	8.4	8.8	8.4	7.5	7.9	8.1	7.4	7.7
19	11.6	11.2	11.4	9.2	8.4	8.8	8.2	7.5	7.7	8.0	7.4	7.7
20	11.5	11.1	11.3	9.5	8.7	9.2	7.9	7.5	7.7	8.1	7.6	7.8
21	11.1	10.4	10.9	9.8	9.4	9.6	8.6	7.8	8.1	8.0	7.3	7.6
22	10.5	9.8	10.1	9.7	9.3	9.6	8.4	7.4	7.9	7.6	7.1	7.3
23	10.6	9.8	10.1	10.5	9.7	10.1	7.7	7.4	7.6	7.6	7.1	7.3
24	11.6	10.7	11.3	10.3	9.7	10.1	7.8	7.6	7.7	8.0	7.3	7.6
25	12.1	11.4	11.7	9.8	8.9	9.5	8.1	7.2	7.6	7.9	7.3	7.6
26	11.9	10.6	11.3	8.9	8.2	8.6	8.1	7.0	7.5	7.9	7.5	7.6
27	10.6	10.4	10.5	8.9	8.2	8.4	7.6	6.8	7.2	7.8	7.5	7.6
28	10.7	10.4	10.6	8.8	7.8	8.2	7.5	6.8	7.1	8.3	7.6	8.0
29	---	---	---	8.4	7.3	7.8	7.3	6.8	6.9	8.8	8.1	8.5
30	---	---	---	7.8	7.3	7.5	7.4	6.7	6.9	9.1	8.5	8.8
31	---	---	---	8.3	7.5	7.8	---	---	---	9.1	8.5	8.8
MONTH	12.1	8.5	10.3	11.3	7.3	9.5	9.7	6.7	8.1	9.1	6.7	7.8

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.9	8.3	8.6	---	---	---	7.0	6.6	6.8	6.5	6.2	6.3
2	8.7	8.1	8.4	---	---	---	7.2	7.0	7.1	6.4	6.1	6.3
3	8.8	8.1	8.4	---	---	---	7.2	6.9	7.1	6.5	6.2	6.4
4	8.7	7.9	8.3	---	---	---	7.2	6.8	7.0	7.1	6.6	6.8
5	8.9	7.8	8.2	---	---	---	7.0	6.7	6.9	7.2	6.7	7.1
6	8.9	7.8	8.2	---	---	---	6.9	6.5	6.7	7.4	6.7	7.2
7	9.6	7.6	8.5	---	---	---	7.0	6.6	6.8	7.4	7.1	7.3
8	9.3	7.4	8.2	---	---	---	7.6	6.9	7.3	7.1	6.7	7.0
9	8.1	7.4	7.7	---	---	---	7.9	7.6	7.8	6.8	6.4	6.7
10	7.5	7.1	7.3	---	---	---	8.1	7.5	7.8	---	---	---
11	7.4	6.9	7.1	6.4	6.1	6.2	7.8	7.5	7.6	---	---	---
12	7.1	6.7	6.9	6.5	6.1	6.3	7.8	7.4	7.6	---	---	---
13	7.0	6.6	6.8	6.4	6.1	6.3	7.7	7.2	7.5	---	---	---
14	6.9	6.5	6.7	6.5	6.2	6.3	7.6	7.3	7.5	7.2	7.0	7.1
15	6.8	6.5	6.6	6.7	6.3	6.5	7.6	7.2	7.4	7.3	7.0	7.1
16	6.9	6.5	6.7	6.8	6.4	6.6	7.6	7.2	7.3	7.1	6.9	7.0
17	7.0	6.3	6.7	6.7	6.0	6.3	7.5	7.1	7.3	7.4	7.0	7.2
18	6.7	6.2	6.4	7.0	6.6	6.9	7.4	7.1	7.2	7.6	7.3	7.4
19	---	---	---	7.2	6.8	7.0	7.2	7.0	7.1	7.7	7.3	7.5
20	---	---	---	7.2	7.0	7.1	7.4	7.1	7.2	7.9	7.7	7.9
21	---	---	---	7.3	6.8	7.1	7.3	6.9	7.1	7.9	7.4	7.7
22	---	---	---	7.4	7.0	7.2	7.3	6.9	7.0	7.3	6.7	7.0
23	---	---	---	7.3	7.0	7.2	7.2	6.4	6.8	7.0	6.8	6.9
24	---	---	---	7.4	6.9	7.2	6.7	6.4	6.6	7.5	6.9	7.2
25	---	---	---	7.2	6.8	7.0	6.7	6.3	6.5	8.2	7.7	8.0
26	---	---	---	7.2	6.9	7.0	6.6	6.3	6.4	8.4	8.1	8.2
27	---	---	---	7.0	6.7	6.9	6.5	6.1	6.3	8.3	8.1	8.2
28	---	---	---	7.1	6.7	6.9	6.4	6.1	6.3	8.5	8.2	8.4
29	---	---	---	6.9	6.6	6.8	6.4	6.3	6.4	8.5	8.4	8.4
30	---	---	---	7.0	6.6	6.8	6.5	6.3	6.4	8.5	8.2	8.4
31	---	---	---	6.9	6.6	6.7	6.5	6.1	6.3	---	---	---
MONTH	9.6	6.2	7.5	7.4	6.0	6.8	8.1	6.1	7.0	8.5	6.1	7.3
YEAR	13.1	6.0	8.9									

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 mi^2.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Datum of gage is 300.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges: Nov. 11 - 14, Feb. 14, July 1, July 16, 17, which are poor.

AVERAGE DISCHARGE.--16 years, 555 ft^3/s, 16.98 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft^3/s, Oct. 10, 1976, gage height 32.58 ft; minimum, 50 ft^3/s, Oct. 9, 1981 (revised), gage height, 14.00 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 25	1200	*4,140	*23.96

Minimum discharge, 102 ft^3/s, Oct. 2, gage height, 14.32 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	115	208	358	245	205	2820	529	348	218	280	325	252
2	113	190	303	337	208	1880	463	1180	210	269	531	206
3	180	200	279	451	208	1010	433	877	202	257	450	184
4	657	178	257	356	201	987	427	524	193	313	321	172
5	402	183	248	305	202	1100	464	457	188	690	269	162
6	284	303	236	290	216	1230	625	830	208	497	234	163
7	227	433	228	297	231	1200	516	813	266	376	210	196
8	192	286	228	320	245	864	497	549	276	331	198	247
9	178	234	222	297	264	661	602	469	238	284	188	216
10	168	210	216	287	226	572	752	918	223	266	180	198
11	156	205	213	270	216	518	601	1010	248	242	174	183
12	154	195	203	278	205	480	530	641	214	226	174	172
13	149	190	194	313	199	448	488	512	195	213	167	163
14	144	185	192	372	202	420	455	451	197	204	173	204
15	143	183	187	363	198	400	854	438	193	259	168	186
16	143	178	191	328	203	387	1140	427	206	350	176	187
17	145	197	191	325	200	370	706	389	437	2000	211	194
18	143	186	187	298	198	359	545	351	564	416	341	182
19	140	235	189	285	199	352	478	326	385	331	335	170
20	144	207	187	274	305	345	466	315	332	373	219	152
21	160	189	179	262	510	351	434	311	1300	391	195	150
22	169	182	179	251	1230	450	408	310	1850	367	182	186
23	194	197	188	245	830	1120	385	304	1390	318	172	272
24	185	203	180	239	590	3010	369	307	820	306	168	368
25	159	208	199	234	494	4000	359	361	542	264	190	244
26	146	215	207	235	426	2310	352	291	447	267	179	267
27	142	199	190	222	398	997	333	266	377	254	200	601
28	142	300	182	223	687	766	312	251	333	239	554	460
29	144	903	183	214	---	651	306	242	307	252	333	301
30	140	478	179	212	---	597	293	230	297	233	242	335
31	149	---	189	213	---	579	---	223	---	214	273	---
TOTAL	5707	7460	6564	8841	9496	31234	15122	14921	12856	11282	7732	6973
MEAN	184	249	212	285	339	1008	504	481	429	364	249	232
MAX	657	903	358	451	1230	4000	1140	1180	1850	2000	554	601
MIN	113	178	179	212	198	345	293	223	188	204	167	150

CAL YR 1988 TOTAL 96662 MEAN 264 MAX 2330 MIN 57
WTR YR 1989 TOTAL 138188 MEAN 379 MAX 4000 MIN 113

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since Oct. 1973, data collection platform since Oct. 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 148 microsiemens Sept. 1, 1988, minimum, 21 microsiemens, Feb. 28, 1984.
pH: Maximum, 8.2 units Apr. 11, 1988; minimum, 5.0 units July 4, 1987.
WATER TEMPERATURE: Maximum, 32.5°C July 19-21, 1986, minimum, 0.5°C several days, several years.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sept. 6, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 145 microsiemens, Aug. 7; minimum, 34 microsiemens, June 22.
pH: Maximum, 8.1 units, several days; minimum 6.1 units, Dec. 25.
WATER TEMPERATURE: Maximum, 29.0°C, July 12; minimum, 0.5°C, Dec. 14, 18, 19.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Dec. 6; minimum, 6.4 mg/L, July 28.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	96	89	92	94	92	93	70	63	66	87	84	86
2	98	95	97	94	92	93	75	70	72	84	64	70
3	99	80	95	95	93	94	81	71	79	65	62	62
4	86	59	69	94	90	91	85	76	82	64	54	62
5	69	60	65	90	88	90	89	83	86	68	64	66
6	69	67	68	98	90	92	89	87	88	71	68	70
7	72	68	70	100	67	79	88	86	86	76	71	74
8	80	71	75	73	67	70	86	85	86	80	75	78
9	87	80	82	78	72	75	93	86	89	79	76	78
10	90	87	89	83	78	80	93	91	92	79	76	78
11	92	89	91	---	---	---	95	91	93	80	78	79
12	94	91	93	---	---	---	96	93	96	81	78	79
13	91	89	90	---	---	---	97	94	96	81	79	80
14	91	89	90	---	---	---	97	93	95	83	79	81
15	98	90	94	102	96	97	93	90	92	81	77	79
16	98	97	98	101	96	97	92	90	91	79	77	78
17	102	98	100	93	89	92	96	93	95	80	77	79
18	102	100	101	94	91	92	98	97	97	79	75	78
19	102	100	101	101	95	99	99	97	98	79	76	78
20	101	97	99	99	93	96	102	98	100	82	78	81
21	97	91	93	94	92	93	100	95	98	87	80	84
22	94	91	93	95	94	95	96	93	95	87	84	86
23	95	93	94	96	91	93	99	92	93	90	87	88
24	100	95	98	92	90	91	99	96	98	91	88	90
25	95	91	92	93	90	91	100	98	99	89	85	87
26	95	92	94	97	94	96	100	99	100	85	84	85
27	93	92	92	96	88	92	99	94	96	90	84	87
28	92	91	92	86	77	82	95	82	90	88	86	87
29	96	92	94	78	52	59	88	86	87	90	87	89
30	99	97	98	62	52	59	90	84	86	90	89	89
31	101	93	98	---	---	---	85	84	85	89	88	89
MONTH	102	59	90	102	52	88	102	63	91	91	54	80

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	89	88	89	51	48	49	---	---	---	85	78	83
2	88	85	86	53	48	51	---	---	---	78	52	60
3	92	85	88	54	53	53	75	72	73	60	52	57
4	92	90	91	57	53	55	77	72	74	66	57	62
5	90	88	89	56	47	54	74	71	73	70	64	67
6	92	90	91	57	51	54	76	69	73	67	61	63
7	92	90	91	54	51	52	69	66	68	68	61	65
8	91	84	88	59	52	56	71	67	69	67	59	64
9	83	81	83	63	59	62	68	64	66	67	63	65
10	84	81	83	68	63	65	69	63	66	65	50	58
11	86	82	84	70	67	69	68	62	65	58	51	55
12	89	86	87	73	70	71	63	61	62	59	54	57
13	121	89	111	75	72	73	70	63	65	63	59	61
14	---	---	---	76	73	74	71	67	69	67	63	64
15	118	100	109	75	72	74	72	50	61	69	67	68
16	120	97	107	76	73	75	62	49	55	70	68	69
17	117	94	108	80	76	78	70	59	64	71	69	70
18	123	95	111	80	78	79	70	64	67	75	71	72
19	118	87	100	82	79	81	69	67	68	79	75	78
20	116	85	92	82	80	81	71	68	69	84	80	82
21	109	63	82	80	77	79	73	70	72	83	80	81
22	91	53	61	79	68	76	75	73	74	80	75	78
23	72	57	61	67	44	55	80	74	76	79	75	77
24	67	60	64	44	41	43	79	75	76	80	76	78
25	69	63	66	44	41	42	77	74	76	83	79	80
26	73	69	70	52	44	48	75	74	75	83	78	80
27	74	73	74	55	51	53	76	74	75	83	79	81
28	72	49	56	58	54	56	81	76	80	85	79	82
29	---	---	---	63	57	60	85	81	83	87	85	86
30	---	---	---	74	61	65	85	81	83	89	86	88
31	---	---	---	73	65	68	---	---	---	90	86	88
MONTH	123	49	86	82	41	63	85	49	71	90	50	72
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	86	84	85	69	66	69	118	104	113	89	78	83
2	88	86	87	74	72	73	110	93	103	84	78	81
3	90	88	89	74	72	73	109	96	102	90	81	86
4	93	89	91	74	62	70	122	107	115	93	91	92
5	---	---	---	65	46	57	133	122	129	97	93	95
6	---	---	---	47	46	46	139	131	136	99	94	97
7	---	---	---	52	46	49	145	139	142	96	91	92
8	---	---	---	59	52	55	142	138	140	96	92	94
9	83	82	83	63	60	62	139	135	137	97	91	95
10	90	82	86	67	63	65	135	131	133	97	90	93
11	93	90	91	68	64	66	133	131	132	98	95	96
12	95	90	93	68	66	67	136	130	135	100	96	98
13	95	90	93	68	66	67	142	132	135	101	96	98
14	93	87	90	73	68	70	139	130	135	96	92	95
15	90	84	87	73	72	73	139	133	136	93	86	89
16	88	85	86	---	---	---	134	119	131	97	89	94
17	88	76	83	---	---	---	132	114	124	95	93	94
18	75	59	66	67	62	64	130	118	125	99	94	96
19	60	49	57	75	67	71	124	100	107	101	99	101
20	62	55	61	77	55	70	102	98	100	101	97	99
21	56	36	47	78	69	74	112	102	108	100	96	98
22	38	34	37	81	75	77	128	112	122	96	82	91
23	39	37	38	89	82	85	128	115	123	94	91	93
24	45	39	42	91	78	85	124	112	116	96	87	93
25	49	45	47	99	80	84	112	103	108	86	75	78
26	54	49	52	82	81	82	104	100	102	81	69	77
27	58	54	56	86	80	83	107	102	104	81	68	76
28	60	57	58	94	87	90	106	67	85	67	59	61
29	62	59	61	107	94	99	70	60	65	69	62	65
30	66	62	65	109	106	107	71	70	71	72	61	68
31	---	---	---	115	108	112	80	71	76	---	---	---
MONTH	95	34	70	115	46	74	145	60	116	101	59	89
YEAR	145	34	83									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.5	19.5	20.5	12.0	9.5	10.5	8.0	6.5	7.5	7.5	6.5	7.0
2	23.0	21.0	21.5	12.0	9.5	10.5	7.0	4.0	6.0	8.5	7.5	8.0
3	22.0	20.0	21.0	11.0	9.0	10.0	6.5	4.5	5.5	9.0	8.0	8.5
4	20.0	19.0	19.5	11.5	9.0	10.5	6.5	4.5	5.5	8.5	6.5	7.5
5	19.0	17.0	18.0	14.5	11.5	13.0	5.5	4.0	4.5	6.0	5.0	5.5
6	17.0	15.5	16.0	13.5	11.5	12.5	5.5	3.0	4.0	6.5	5.0	6.0
7	15.5	13.5	14.5	12.0	10.5	11.5	6.0	3.5	5.0	7.5	6.5	7.0
8	14.5	12.0	13.0	11.0	9.5	10.5	7.0	5.0	6.0	9.5	7.5	8.5
9	14.0	11.5	12.5	13.5	11.0	12.0	8.0	6.5	7.0	10.0	9.0	10.0
10	14.5	11.0	12.5	15.0	12.0	13.5	7.0	5.5	6.0	9.0	7.5	8.0
11	15.0	11.5	13.5	---	---	---	5.5	4.5	5.0	7.5	7.0	7.5
12	15.5	12.0	13.5	---	---	---	4.5	2.0	3.5	8.0	7.5	7.5
13	13.5	10.5	11.5	---	---	---	3.0	1.0	2.0	9.5	8.0	8.5
14	12.0	8.5	10.0	---	---	---	3.5	.5	2.0	8.5	6.5	7.5
15	12.5	8.5	10.5	12.0	11.0	11.0	5.5	2.0	4.0	7.0	6.0	6.5
16	12.5	9.0	11.0	13.5	11.0	12.5	6.0	4.5	5.0	7.5	6.0	6.5
17	15.0	11.5	13.0	16.5	13.5	14.5	5.0	2.5	4.0	6.5	5.0	5.5
18	16.5	13.0	14.5	13.0	10.5	11.5	3.0	.5	1.5	5.5	3.5	4.5
19	17.5	15.5	16.5	11.5	10.5	11.0	3.0	.5	1.5	5.5	4.0	5.0
20	15.0	13.0	14.0	12.5	11.0	12.0	4.0	1.0	2.5	7.0	5.5	6.0
21	13.5	12.5	13.0	12.5	10.0	11.0	5.5	3.5	4.5	6.0	4.5	5.5
22	14.0	11.0	12.5	10.5	9.0	9.5	8.0	5.5	6.5	5.0	3.5	4.0
23	12.5	10.0	11.0	9.5	9.0	9.5	9.0	8.0	8.5	6.0	3.0	4.5
24	14.5	11.5	12.5	11.5	9.5	10.0	11.0	9.0	10.0	6.5	3.5	5.0
25	13.5	10.0	11.5	10.5	8.5	9.5	11.0	9.0	10.0	7.0	4.0	5.5
26	12.0	10.5	11.0	10.5	8.0	9.5	8.5	6.5	7.5	7.5	5.0	6.0
27	12.0	9.5	10.5	12.5	10.5	11.5	7.5	5.0	6.0	10.5	7.5	8.5
28	14.5	11.5	13.0	12.5	11.5	12.0	10.0	6.5	8.5	9.0	6.5	7.5
29	15.0	13.0	14.0	11.5	8.5	10.5	8.0	5.5	7.0	9.0	6.0	7.5
30	13.5	11.5	12.5	9.0	8.0	8.5	5.5	4.5	4.5	10.0	8.0	9.0
31	11.5	10.0	11.0	---	---	---	6.5	5.0	5.5	10.0	7.0	8.5
MONTH	23.0	8.5	14.0	16.5	8.0	11.0	11.0	.5	5.5	10.5	3.0	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	7.5	9.0	7.0	6.5	7.0	17.5	15.0	16.5	22.0	20.5	21.5
2	12.5	9.5	11.0	8.0	7.0	7.5	16.0	13.5	14.5	20.5	18.5	19.0
3	15.0	11.5	13.5	8.5	8.0	8.0	16.0	14.0	15.0	18.5	17.5	18.0
4	14.5	12.5	13.5	9.0	8.5	8.5	17.5	15.0	16.0	18.0	17.0	17.5
5	12.5	10.0	11.0	10.5	9.0	9.5	17.0	16.5	16.5	18.0	17.0	17.5
6	11.0	9.5	10.0	12.0	10.0	11.0	17.0	15.5	16.0	18.0	17.0	17.5
7	13.5	11.0	12.0	11.5	9.5	10.5	15.5	13.0	14.5	17.5	15.5	17.0
8	11.5	9.5	10.5	9.0	7.0	8.0	13.0	10.5	11.5	15.5	14.5	15.0
9	9.0	6.5	8.0	8.5	7.0	7.5	12.0	10.5	11.5	15.0	15.0	15.0
10	6.5	4.0	5.5	9.5	7.5	8.5	12.0	11.0	12.0	15.5	14.5	15.0
11	6.0	2.5	4.5	10.5	8.0	9.0	11.5	10.5	11.0	15.5	15.0	15.0
12	7.0	3.0	5.0	11.5	9.0	10.0	11.5	9.5	10.5	15.5	14.5	15.0
13	8.5	5.0	6.5	11.0	10.5	11.0	13.5	10.5	12.0	16.0	14.5	15.5
14	---	---	---	11.0	9.5	10.0	15.0	11.5	13.5	18.0	15.5	16.5
15	14.5	10.5	12.0	13.5	10.0	11.5	14.0	13.5	13.5	20.0	17.0	18.5
16	15.5	12.0	13.5	16.0	13.0	14.0	15.0	13.5	14.0	20.0	18.0	19.0
17	13.5	9.0	11.0	15.5	13.5	14.5	16.5	14.5	15.5	20.0	17.5	18.5
18	8.5	5.5	7.0	17.0	14.0	15.5	18.5	15.5	17.0	20.5	18.0	19.5
19	5.5	5.0	5.5	17.0	14.5	16.0	19.0	17.0	18.0	20.5	19.0	20.0
20	5.5	5.0	5.5	14.5	12.0	13.0	18.0	16.5	17.5	20.5	18.5	19.5
21	7.0	5.5	6.0	12.5	11.5	12.0	17.5	15.0	16.0	22.0	19.0	20.5
22	8.5	7.0	8.0	12.5	10.0	11.5	18.5	15.5	17.0	23.0	20.5	21.5
23	9.0	6.5	8.0	10.0	7.5	8.5	17.5	17.0	17.0	---	---	---
24	6.5	5.0	5.5	8.5	7.0	7.5	17.5	16.5	17.0	23.0	21.5	22.0
25	5.5	4.0	5.0	11.0	8.5	9.5	20.0	17.0	18.5	23.0	20.0	21.5
26	7.5	4.0	6.0	13.5	11.0	12.0	22.0	18.5	20.0	24.5	21.0	23.0
27	8.0	7.0	7.5	15.0	13.5	14.0	23.0	20.0	21.5	25.5	23.0	24.0
28	7.5	7.0	7.0	17.0	15.0	16.0	23.5	20.5	22.0	24.5	22.0	23.0
29	---	---	---	19.0	16.5	18.0	23.5	21.5	22.5	23.0	20.5	22.0
30	---	---	---	19.5	18.5	19.0	23.5	21.0	22.0	23.5	20.5	22.0
31	---	---	---	19.5	17.5	18.5	---	---	---	24.5	21.0	22.5
MONTH	15.5	2.5	8.5	19.5	6.5	11.5	23.5	9.5	16.0	25.5	14.5	19.0

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	22.5	24.0	24.0	23.0	23.0	27.0	25.5	26.0	26.0	24.0	25.0
2	26.5	23.5	25.0	24.0	22.5	23.5	25.0	24.5	25.0	27.0	24.5	25.5
3	27.0	23.5	25.0	24.0	23.0	23.5	26.0	24.0	25.0	25.5	24.0	25.0
4	26.5	23.5	25.0	23.5	22.5	23.0	26.5	24.0	25.5	25.0	22.5	23.5
5	26.5	24.0	25.0	23.0	22.0	22.5	27.5	24.5	26.0	23.0	22.0	22.5
6	24.5	23.0	24.0	24.5	23.0	23.5	28.5	25.5	26.5	22.0	21.5	22.0
7	24.0	22.0	23.0	25.5	23.5	24.5	27.5	25.5	26.5	23.0	21.5	22.0
8	23.5	22.5	23.0	26.5	24.0	25.5	26.0	23.0	24.0	23.5	21.5	22.5
9	24.0	22.0	23.0	28.0	25.0	26.5	23.0	21.5	22.0	25.0	22.5	23.5
10	25.0	22.0	23.5	28.0	25.0	26.5	23.5	21.0	22.0	25.5	23.0	24.0
11	25.0	22.0	23.5	28.5	26.0	27.0	23.5	21.5	22.5	26.0	23.5	24.5
12	25.5	22.5	24.0	29.0	26.0	27.5	24.0	22.0	22.5	26.5	23.5	25.0
13	26.0	23.5	24.5	28.5	26.0	27.0	24.5	21.5	23.0	26.5	24.0	25.0
14	26.5	23.5	25.0	28.0	26.0	26.5	23.5	22.5	23.0	25.5	23.5	24.5
15	26.0	24.0	25.0	26.0	25.5	25.5	24.0	22.5	23.5	25.5	23.5	24.5
16	24.0	22.5	23.0	---	---	---	26.0	23.0	24.0	25.5	23.5	24.0
17	23.0	22.0	22.5	---	---	---	25.5	23.0	24.5	24.0	21.5	22.5
18	23.0	22.0	22.5	23.5	23.0	23.5	24.5	23.5	24.0	23.0	20.5	21.5
19	23.0	22.0	22.0	24.5	22.5	23.5	25.0	23.0	23.5	21.5	20.5	21.0
20	23.0	21.5	22.0	24.0	23.0	23.5	25.0	23.0	24.0	20.5	20.0	20.5
21	22.0	21.5	21.5	24.5	23.0	23.5	26.0	23.0	24.5	23.0	20.5	21.5
22	22.0	21.5	21.5	24.0	23.0	24.0	26.5	23.5	25.0	23.5	22.0	22.5
23	22.5	22.0	22.0	25.0	23.5	24.0	28.0	24.5	26.0	24.0	22.0	23.0
24	23.5	22.5	23.0	26.0	23.5	25.0	26.5	25.0	26.0	22.5	19.5	21.0
25	24.5	23.0	24.0	27.0	24.5	25.5	---	---	---	19.5	17.0	18.0
26	25.5	23.5	24.5	27.0	25.0	26.0	---	---	---	18.0	16.5	17.0
27	26.0	23.5	25.0	28.0	25.5	26.5	---	---	---	18.0	17.5	17.5
28	26.5	24.5	25.5	28.0	25.5	26.5	---	---	---	17.5	17.0	17.0
29	25.5	24.5	25.0	28.0	25.5	26.5	26.5	25.5	26.0	17.5	17.0	17.5
30	25.5	23.5	24.5	27.5	25.5	26.5	26.5	25.0	25.5	18.0	17.5	18.0
31	---	---	---	27.5	25.5	26.5	27.0	25.0	26.0	---	---	---
MONTH	27.0	21.5	23.5	29.0	22.0	25.0	28.5	21.0	24.5	27.0	16.5	22.0
YEAR	29.0	.5	15.5									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	7.7	7.5	7.6	7.6	6.7	7.1	7.5	6.9	7.1
2	---	---	---	7.8	7.4	7.6	7.5	6.6	7.0	7.6	6.8	7.1
3	---	---	---	7.7	7.4	7.6	7.5	6.7	7.2	7.4	6.9	7.2
4	---	---	---	7.7	7.5	7.6	7.7	6.8	7.2	7.8	7.2	7.5
5	---	---	---	7.8	7.4	7.6	7.6	6.6	7.1	7.8	7.3	7.5
6	---	---	---	7.5	7.3	7.4	7.6	6.5	7.1	7.9	7.5	7.7
7	---	---	---	7.4	7.1	7.3	7.3	6.6	7.1	8.0	7.4	7.7
8	---	---	---	7.5	6.9	7.2	7.9	7.0	7.5	7.8	7.3	7.5
9	7.8	7.1	7.6	7.2	6.8	7.0	8.6	7.6	8.0	7.6	7.0	7.3
10	7.5	7.1	7.3	7.2	6.8	7.0	8.5	7.6	8.0	7.4	6.9	7.2
11	7.5	7.1	7.3	7.1	6.7	6.9	8.4	7.5	8.0	7.4	6.9	7.1
12	7.5	7.0	7.2	7.0	6.6	6.8	8.3	7.5	7.9	7.3	6.8	7.1
13	7.4	7.1	7.1	6.9	6.6	6.8	8.4	7.4	7.8	7.2	6.9	7.1
14	7.5	7.0	7.3	7.1	6.7	6.9	8.2	7.5	7.7	---	---	---
15	7.6	7.1	7.4	7.0	6.8	7.0	8.3	7.4	7.8	7.6	6.8	7.2
16	8.0	7.6	7.7	---	---	---	8.4	7.1	7.7	7.1	6.8	6.9
17	8.1	7.6	7.9	---	---	---	7.9	7.0	7.5	7.5	7.0	7.2
18	7.8	7.3	7.6	---	---	---	7.9	7.0	7.4	7.7	7.2	7.4
19	7.6	7.3	7.5	---	---	---	7.9	7.1	7.5	7.6	7.4	7.5
20	---	---	---	---	---	---	8.1	7.2	7.6	7.9	7.5	7.6
21	---	---	---	---	---	---	8.1	7.1	7.6	7.7	7.1	7.4
22	7.8	7.6	7.7	---	---	---	8.0	6.9	7.5	7.0	6.5	6.7
23	7.9	7.6	7.8	---	---	---	7.9	6.9	7.3	7.0	6.7	6.9
24	7.7	7.4	7.5	7.7	7.0	7.5	---	---	---	7.7	6.7	7.2
25	7.6	7.4	7.5	7.4	6.7	7.0	---	---	---	8.2	7.5	7.8
26	7.6	7.3	7.5	7.6	6.7	7.0	---	---	---	8.2	7.9	8.1
27	7.5	7.1	7.3	7.4	6.5	7.0	---	---	---	8.4	7.8	8.2
28	7.4	7.1	7.3	7.5	6.4	7.0	---	---	---	8.6	8.0	8.3
29	7.4	7.2	7.3	7.5	6.7	7.0	7.0	6.7	6.9	8.5	8.2	8.3
30	7.6	7.3	7.4	7.5	6.7	7.0	7.4	6.8	7.1	8.3	8.0	8.1
31	---	---	---	7.7	6.7	7.2	7.4	6.8	7.1	---	---	---
MONTH	8.1	7.0	7.5	7.8	6.4	7.2	8.6	6.5	7.4	8.6	6.5	7.4
YEAR	13.2	6.4	9.3									

02160775 HELLERS CREEK NEAR POMARIA, SC

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

DRAINAGE AREA.--8.16 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.--Estimated daily discharges: Oct. 21 - 31, Feb. 10 - 18, 27, Mar. 9 - 23, Mar 27 to Apr. 14, Apr. 17 to May 8, May 27 to June 22, July 7 - 14, 19, 20, and July 23 to Aug. 12. Records poor.

AVERAGE DISCHARGE.--9 years, 6.78 ft^3/s, 11.28 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 756 ft^3/s, Mar. 17, 1983, gage height, 8.02 ft; minimum, 0.22 ft^3/s, Sept. 2, 3, 1988, gage height, -0.01 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 240 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 15	1200	*602	*7.59	July 17	0630	291	6.12

Minimum, 1.1 ft^3/s, Oct. 1, 2, 3, Dec 18, Feb. 17, 18; minimum gage height, 0.09 ft, Oct. 1, 2, 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	4.7	2.0	8.6	2.2	13	5.4	10	2.4	3.0	8.0	1.9
2	1.2	2.2	1.9	3.9	2.1	8.0	4.8	20	2.3	2.9	5.0	1.9
3	10	1.8	1.7	3.5	2.0	20	4.5	10	2.2	2.8	2.5	1.6
4	19	1.6	1.7	3.3	1.7	14	5.2	6.0	2.1	25	2.3	1.5
5	4.8	3.2	1.6	2.8	1.9	9.8	5.6	7.6	2.0	15	2.7	1.8
6	3.0	2.9	1.4	2.6	2.0	15	5.0	11	2.5	9.1	2.5	2.0
7	2.4	2.4	1.4	2.5	1.8	14	6.0	9.0	2.2	5.2	2.4	1.8
8	2.3	2.1	1.4	2.4	1.7	8.3	6.8	7.4	2.1	4.8	2.3	1.7
9	2.2	2.0	1.5	3.3	1.6	7.0	7.6	6.0	2.0	5.8	2.2	1.6
10	2.1	1.6	1.4	4.5	1.5	6.2	6.6	13	1.9	3.8	2.2	1.7
11	2.1	1.7	1.4	4.1	1.4	5.6	5.4	7.5	1.9	3.0	2.1	1.6
12	1.9	1.6	1.3	3.4	1.4	5.0	5.0	6.0	1.8	3.5	2.1	2.9
13	1.7	1.7	1.4	4.5	1.3	4.5	4.5	5.2	1.8	6.0	2.0	2.2
14	1.7	1.7	1.4	4.4	1.3	4.0	10	4.8	1.7	9.0	2.2	1.8
15	1.7	1.9	1.4	4.4	1.2	3.6	209	7.1	1.7	17	2.2	1.8
16	1.6	1.9	1.3	3.9	1.2	3.4	35	5.2	2.3	14	2.2	2.2
17	1.4	4.8	1.3	3.2	1.1	3.2	20	4.4	2.0	103	2.6	1.8
18	1.3	2.0	1.3	3.0	1.1	3.2	12	4.0	1.7	19	2.3	1.8
19	1.4	1.6	1.4	3.0	1.7	3.1	9.0	4.0	1.7	2.5	2.1	1.8
20	1.2	1.6	1.4	2.9	2.0	3.0	7.0	3.9	1.8	6.0	2.0	1.9
21	1.6	1.4	1.4	2.7	19	4.0	5.8	3.6	5.4	22	1.9	1.9
22	2.1	1.3	1.4	2.7	22	10	4.5	3.5	4.4	21	1.8	14
23	1.6	2.1	1.3	2.5	9.9	86	4.0	3.8	4.1	10	1.7	5.3
24	1.4	2.3	1.4	2.6	8.3	99	3.8	3.5	4.5	7.0	6.2	3.5
25	1.3	1.9	1.3	2.5	7.1	22	3.5	3.3	3.4	5.0	3.4	6.8
26	1.3	1.7	1.2	2.4	6.0	16	3.4	3.2	3.3	3.0	2.9	7.3
27	1.4	1.9	1.2	2.4	5.0	12	3.3	3.0	3.3	3.5	2.6	5.0
28	1.4	3.2	1.4	2.3	23	10	3.2	2.9	3.1	4.0	3.6	3.6
29	1.5	2.3	1.4	2.3	---	8.4	3.1	2.8	3.0	2.6	2.6	3.3
30	1.7	2.0	1.3	2.3	---	7.0	3.1	2.6	3.0	3.5	2.3	9.7
31	2.2	---	1.7	2.2	---	6.0	---	2.5	---	5.4	2.1	---
TOTAL	81.8	65.1	44.6	101.1	132.5	434.3	412.1	186.8	77.6	347.4	85.0	97.7
MEAN	2.64	2.17	1.44	3.26	4.73	14.0	13.7	6.03	2.59	11.2	2.74	3.26
MAX	19	4.8	2.0	8.6	23	99	209	20	5.4	103	8.0	14
MIN	1.2	1.3	1.2	2.2	1.1	3.0	3.1	2.5	1.7	2.5	1.7	1.5

CAL YR 1988 TOTAL 924.13 MEAN 2.52 MAX 21 MIN .42
WTR YR 1989 TOTAL 2066.0 MEAN 5.66 MAX 209 MIN 1.1

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 and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 182 microsiemens, Oct. 31, 1988; minimum, 28 microsiemens, Nov. 23, 1985.
pH: Maximum, 9.2 units, May 21, 1988; minimum, 5.7 units, Apr. 30, 1988, May 6 - 12, 1989.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 17, 1984; minimum, 1.0°C, Jan. 15, 1982, Jan. 10, 1988.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L, Dec. 27, 1980; minimum, 1.1 mg/L, Aug. 3, 1980.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 182 microsiemens, Oct. 31; minimum, 48 microsiemens, July 18.
pH: Maximum, 8.7 units, July 12; minimum, 5.7 units, May 6 - 12.
WATER TEMPERATURE: Maximum, 33.0°C, July 12; minimum, 6.5°C, Dec. 19, Jan. 23, Feb. 26.
DISSOLVED OXYGEN: Maximum, 14.2 mg/L, May 21; minimum, 3.9 mg/L, Aug. 29.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	140	132	134	149	130	132	128	124	127	130	126	128
2	140	133	134	166	131	135	128	105	123	129	120	126
3	167	132	137	147	130	133	127	116	125	128	102	120
4	138	134	134	152	130	134	127	122	127	127	121	126
5	140	133	135	155	131	135	126	110	123	127	105	120
6	159	133	136	149	132	135	127	119	125	127	103	120
7	134	133	133	165	132	140	126	121	125	127	106	121
8	138	133	135	153	126	135	127	126	126	125	118	123
9	137	130	134	133	125	128	128	125	126	126	104	121
10	137	130	133	128	126	127	126	125	126	125	108	122
11	138	125	132	141	125	128	129	125	126	125	114	122
12	131	128	130	126	125	126	127	125	126	124	117	122
13	132	126	130	133	125	126	128	125	126	124	111	120
14	133	129	130	137	126	129	130	125	126	124	122	123
15	131	129	130	134	126	127	127	125	126	123	117	121
16	149	129	133	134	126	128	129	125	126	123	115	121
17	152	129	132	132	126	127	126	125	126	123	111	120
18	145	129	132	137	126	128	132	125	127	122	113	119
19	151	129	132	127	126	127	138	125	128	122	120	121
20	136	129	131	128	126	127	133	126	127	121	110	118
21	138	130	132	136	127	129	134	125	127	122	107	120
22	142	129	133	135	127	128	135	125	127	122	116	121
23	164	130	138	138	128	129	127	125	126	123	108	119
24	165	130	137	128	127	128	127	126	126	122	118	121
25	134	130	131	135	127	129	139	126	130	123	119	121
26	150	131	134	128	127	128	141	126	129	122	120	121
27	132	131	131	133	127	128	143	125	129	122	119	121
28	134	130	131	135	127	129	131	126	129	122	120	121
29	132	130	131	133	127	129	137	127	129	122	119	121
30	173	131	133	128	113	126	128	127	128	123	120	121
31	182	131	143	---	---	---	128	127	127	121	121	121
MONTH	182	125	133	166	113	130	143	105	127	130	102	121

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	122	121	121	121	79	115	101	87	98	108	99	102
2	127	121	122	120	88	113	102	87	97	105	99	101
3	126	121	122	118	57	106	101	89	98	101	93	99
4	127	122	123	117	63	100	102	91	99	100	70	94
5	126	122	123	116	74	100	101	93	99	100	80	95
6	126	119	123	102	67	100	102	95	100	99	86	97
7	125	121	122	109	62	90	103	95	101	98	83	94
8	128	122	123	112	58	95	102	95	100	99	81	95
9	129	122	124	112	67	99	102	97	101	99	78	96
10	127	122	123	107	88	102	102	94	100	99	72	94
11	126	122	123	107	103	106	102	85	100	99	71	92
12	126	121	122	108	95	104	105	84	98	99	71	92
13	126	122	123	110	92	105	102	83	98	99	86	96
14	128	122	123	109	89	104	104	84	98	99	84	95
15	125	121	123	106	94	102	102	90	99	100	93	98
16	129	121	124	103	93	100	103	80	99	102	100	101
17	126	122	123	106	96	102	101	62	89	104	100	102
18	127	122	123	104	97	102	100	72	91	104	98	102
19	131	122	123	106	101	104	104	84	96	104	101	102
20	133	123	125	107	103	105	102	89	98	103	98	101
21	133	123	126	106	104	104	103	92	99	105	99	103
22	125	118	122	105	103	104	102	100	100	106	100	103
23	122	74	113	105	99	104	103	98	101	107	101	103
24	121	74	108	104	60	95	104	95	100	110	102	104
25	121	83	112	105	102	103	100	97	99	110	102	105
26	121	85	110	103	81	96	102	95	99	113	103	105
27	120	97	114	106	55	89	103	97	100	111	102	105
28	121	120	120	100	75	93	106	97	100	112	103	106
29	---	---	---	102	73	94	108	98	101	109	103	105
30	---	---	---	105	70	96	106	96	102	111	102	105
31	---	---	---	105	77	98	---	---	---	111	102	106
MONTH	133	74	121	121	55	101	108	62	99	113	70	100
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	116	102	106	---	---	---	110	90	97	109	92	103
2	112	101	105	98	95	96	112	90	98	107	96	102
3	112	102	106	101	95	97	104	94	98	104	99	102
4	113	103	105	100	95	96	102	95	98	105	101	102
5	114	103	105	101	95	98	107	95	99	106	101	104
6	119	104	106	97	90	95	108	95	99	108	101	105
7	125	102	110	96	73	91	105	98	100	113	102	107
8	117	103	108	95	69	87	105	97	99	122	102	108
9	121	104	108	96	76	89	115	98	101	116	102	107
10	117	101	107	94	69	85	117	99	101	112	102	105
11	108	100	103	92	69	82	104	98	100	120	103	108
12	114	103	106	106	81	90	118	99	102	115	100	107
13	116	104	109	94	79	89	121	99	103	118	99	107
14	108	102	104	96	74	87	117	100	103	124	101	110
15	105	101	103	96	82	89	118	100	104	132	105	112
16	109	101	103	93	83	89	122	99	105	119	104	109
17	107	100	102	96	89	91	122	100	107	119	101	106
18	111	101	104	95	48	85	121	100	106	129	101	107
19	112	101	106	93	52	83	125	101	109	122	102	108
20	105	92	102	91	71	84	112	101	107	109	103	105
21	---	---	---	94	83	89	122	101	106	129	104	108
22	---	---	---	91	79	87	114	100	106	114	103	106
23	---	---	---	91	77	86	114	101	105	121	102	107
24	---	---	---	94	85	88	115	99	106	123	102	109
25	---	---	---	95	87	90	116	101	105	105	98	102
26	---	---	---	96	87	90	116	101	106	103	93	102
27	96	87	93	95	87	90	117	100	107	103	92	101
28	98	87	94	101	88	92	110	99	105	102	89	100
29	100	89	95	101	89	92	121	103	109	102	86	99
30	99	90	96	102	91	94	123	106	111	101	92	99
31	---	---	---	113	93	100	119	103	108	---	---	---
MONTH	125	87	104	113	48	90	125	90	104	132	86	105
YEAR	182	48	111									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	20.5	22.5	---	---	---	29.5	27.0	28.0	28.5	27.0	27.5
2	25.5	21.0	23.0	28.0	26.0	26.5	30.0	27.0	28.0	30.5	27.5	28.5
3	27.5	21.5	23.5	27.5	26.0	26.5	31.0	27.0	28.0	29.0	27.5	28.5
4	25.0	20.5	22.5	27.5	25.5	26.5	28.5	27.0	27.5	28.5	26.5	28.0
5	26.5	21.5	22.5	27.0	25.5	26.0	29.0	27.5	28.0	28.0	26.0	27.5
6	24.5	21.5	23.0	27.5	25.0	26.0	30.5	27.5	28.0	28.0	27.0	27.5
7	25.0	22.0	23.5	28.0	25.0	26.0	31.5	27.5	29.0	27.5	24.5	26.5
8	25.0	22.0	23.0	29.0	25.5	26.5	29.0	28.0	28.5	28.0	25.0	26.5
9	25.0	22.0	22.5	31.5	26.0	28.5	28.0	27.0	28.0	28.0	25.5	26.5
10	25.0	22.5	23.5	30.5	26.0	27.5	28.0	26.0	27.5	27.0	26.0	26.5
11	27.5	23.0	24.5	30.5	26.5	28.5	29.0	27.0	28.0	27.0	26.5	26.5
12	25.5	22.5	23.5	33.0	26.5	29.0	28.0	26.5	27.5	29.0	26.5	27.5
13	26.0	22.5	24.0	29.0	26.5	28.0	29.5	26.0	27.5	29.5	27.0	28.0
14	25.5	22.5	24.0	30.5	26.5	28.0	28.0	26.5	27.5	28.0	27.0	27.5
15	25.5	22.5	23.5	28.5	26.5	28.0	28.5	26.5	27.5	28.0	26.5	27.0
16	25.5	23.5	24.5	28.5	27.0	27.5	28.0	26.0	27.0	27.0	26.5	26.5
17	26.0	23.5	24.5	28.0	27.5	28.0	29.0	27.0	27.5	28.5	26.5	27.0
18	27.0	23.5	25.5	28.5	23.5	27.5	30.0	27.0	27.5	27.5	26.0	27.0
19	26.5	24.0	25.5	28.0	24.0	26.5	28.5	26.5	27.5	26.5	25.5	26.5
20	26.5	24.0	25.0	27.0	25.0	26.5	28.0	26.5	27.0	26.5	26.0	26.0
21	---	---	---	27.5	25.0	26.5	29.0	26.5	27.5	27.0	23.5	26.0
22	---	---	---	29.0	24.5	27.0	29.0	27.0	27.5	26.5	25.0	26.0
23	---	---	---	30.0	24.5	27.0	29.0	27.0	28.0	25.5	24.0	25.5
24	---	---	---	29.0	25.5	27.0	30.0	27.5	28.5	26.0	23.0	24.5
25	---	---	---	31.0	26.5	28.0	31.5	27.5	29.5	25.0	21.5	24.5
26	---	---	---	32.0	26.5	28.0	29.5	27.5	28.5	25.5	21.5	24.5
27	28.5	24.0	25.5	30.5	26.5	28.0	30.5	27.5	29.0	25.0	23.0	24.5
28	29.5	25.0	26.5	30.0	27.0	28.0	29.0	27.5	28.0	24.5	20.0	23.5
29	31.0	25.5	28.5	32.0	27.5	29.0	28.5	27.5	28.0	25.0	19.5	23.5
30	30.0	25.5	28.0	30.5	26.5	28.5	28.5	27.5	27.5	24.0	21.5	23.5
31	---	---	---	29.0	27.0	28.0	29.0	27.5	28.0	---	---	---
MONTH	31.0	20.5	24.5	33.0	23.5	27.5	31.5	26.0	28.0	30.5	19.5	26.5
YEAR	33.0	6.5	18.5									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.0	5.7	5.9	8.5	8.0	8.1	9.1	8.7	8.9	10.1	9.7	9.8
2	5.8	5.5	5.7	8.7	8.1	8.2	9.7	8.9	9.1	10.8	9.6	9.9
3	6.2	5.5	5.7	9.3	8.2	8.4	9.4	8.7	9.0	10.8	9.7	10.1
4	6.1	5.7	5.8	8.6	8.2	8.4	9.8	8.9	9.0	10.2	9.8	9.9
5	6.4	5.8	6.1	8.6	8.0	8.3	10.8	8.9	9.5	10.2	9.8	10.0
6	6.6	6.1	6.4	9.2	8.3	8.5	10.4	8.3	9.0	10.4	9.7	9.9
7	6.6	6.3	6.5	9.1	8.4	8.6	9.5	8.2	8.5	10.5	9.9	10.0
8	7.4	6.1	6.7	8.9	8.4	8.6	8.6	8.2	8.3	11.3	9.6	9.9
9	6.7	6.0	6.4	8.9	8.4	8.6	9.5	8.2	8.7	10.7	9.9	10.1
10	6.6	6.4	6.5	8.8	8.0	8.4	9.2	8.3	8.5	10.4	10.0	10.2
11	8.4	6.5	6.7	9.0	8.3	8.7	9.7	8.5	8.8	10.3	10.0	10.1
12	7.7	6.8	7.0	9.0	8.9	8.9	8.8	8.6	8.7	10.2	9.9	10.1
13	8.4	7.3	7.5	8.9	8.6	8.7	9.7	8.5	8.8	10.5	10.0	10.2
14	8.3	7.0	7.5	9.1	8.6	8.8	9.8	8.6	9.0	10.4	10.2	10.3
15	8.2	7.1	7.3	8.8	8.5	8.7	9.4	8.6	8.8	10.7	9.9	10.3
16	8.6	7.3	7.6	8.8	8.5	8.6	9.9	8.8	9.0	10.4	10.0	10.2
17	8.4	7.2	7.5	8.8	8.4	8.6	9.2	8.8	8.9	10.8	10.2	10.4
18	8.0	7.1	7.3	9.0	8.7	8.9	10.7	8.9	9.4	10.6	10.0	10.3
19	7.9	7.4	7.6	9.0	8.8	8.9	10.5	9.0	9.3	10.5	10.0	10.2
20	7.9	7.5	7.7	8.8	8.5	8.7	9.9	9.0	9.2	11.0	10.1	10.4
21	7.8	7.3	7.6	9.0	8.7	8.8	10.4	9.0	9.4	11.0	10.4	10.5
22	7.7	7.3	7.5	9.1	8.9	8.9	10.4	9.2	9.5	10.9	10.4	10.5
23	8.0	7.3	7.6	9.4	8.8	9.0	9.4	9.3	9.4	11.8	10.3	10.7
24	7.9	7.4	7.6	9.2	8.8	8.9	9.4	9.0	9.2	11.3	10.4	10.6
25	7.7	7.4	7.6	9.7	8.6	9.0	10.4	9.3	9.7	11.6	10.4	10.8
26	8.0	7.4	7.6	8.8	8.6	8.7	10.2	9.6	9.8	11.5	10.3	10.6
27	8.0	7.5	7.7	9.4	8.5	8.8	10.1	9.6	9.8	11.0	10.3	10.6
28	7.8	7.4	7.6	9.4	8.7	9.0	9.8	9.4	9.6	11.3	10.5	10.8
29	8.0	7.6	7.8	9.7	8.9	9.1	10.1	9.7	9.8	11.4	10.4	10.9
30	8.5	7.7	7.9	9.7	8.7	9.0	9.7	9.6	9.7	11.6	10.3	10.7
31	8.7	7.9	8.1	---	---	---	9.8	9.5	9.7	11.2	10.5	10.7
MONTH	8.7	5.5	7.1	9.7	8.0	8.7	10.8	8.2	9.2	11.8	9.6	10.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.2	10.4	10.7	11.8	10.9	11.4	11.6	9.9	11.0	9.7	7.9	8.5
2	12.3	10.6	11.3	11.9	11.3	11.5	11.2	9.8	10.5	9.4	7.6	8.6
3	11.4	10.2	10.8	11.9	11.1	11.5	10.9	9.9	10.4	9.5	7.8	8.8
4	12.0	10.8	11.1	11.5	10.8	11.2	10.9	10.2	10.5	9.4	7.9	8.6
5	11.3	10.5	11.1	11.4	11.0	11.2	10.9	9.7	10.4	9.0	7.2	8.1
6	11.6	9.9	11.0	11.8	10.6	11.1	11.0	9.3	10.4	8.6	7.7	8.1
7	11.3	10.2	10.8	11.3	9.6	10.8	10.7	9.8	10.2	8.6	8.1	8.3
8	12.0	10.5	11.3	11.3	10.1	11.0	11.1	9.6	10.4	8.7	8.0	8.5
9	12.2	11.0	11.7	11.4	10.9	11.1	10.5	9.9	10.2	8.8	7.7	8.4
10	12.1	11.2	11.6	11.4	10.7	11.1	10.3	9.8	10.1	9.5	8.2	8.8
11	12.4	11.2	11.6	11.2	10.4	11.0	10.7	9.9	10.2	9.1	8.5	8.8
12	12.9	10.7	11.6	11.4	10.7	11.0	11.0	10.0	10.5	9.1	8.1	8.6
13	12.3	10.9	11.7	11.8	10.9	11.3	11.0	9.9	10.5	8.9	8.4	8.7
14	12.2	11.0	11.6	11.6	10.8	11.2	10.8	9.7	10.1	9.2	8.4	8.8
15	12.2	11.3	11.8	11.4	10.5	10.9	10.5	9.6	10.2	10.5	8.4	9.3
16	14.0	11.6	12.7	11.9	10.4	10.9	10.9	9.5	10.3	11.1	9.3	10.3
17	12.8	12.3	12.6	12.4	10.4	11.1	10.7	8.9	9.9	11.3	9.3	10.3
18	12.4	11.7	12.0	10.9	10.2	10.7	10.7	8.8	9.7	12.9	8.3	10.5
19	12.0	11.0	11.5	11.9	10.0	11.1	11.2	8.8	10.2	11.7	8.7	10.4
20	11.6	11.0	11.3	11.8	9.6	11.0	10.6	8.9	9.9	11.8	8.0	9.3
21	11.4	10.8	11.2	11.3	10.2	10.6	10.1	8.7	9.4	14.2	8.0	11.2
22	11.8	10.7	11.2	11.9	10.1	11.1	10.1	8.8	9.3	12.1	7.6	9.5
23	11.9	11.1	11.4	12.0	10.9	11.4	10.9	8.4	9.7	9.5	7.5	8.1
24	11.6	11.2	11.4	12.5	11.2	11.6	10.7	8.6	9.6	9.8	7.5	8.2
25	11.8	10.9	11.4	11.6	10.8	11.3	9.4	8.2	8.7	8.6	7.1	7.8
26	12.2	11.0	11.5	11.6	10.8	11.1	10.0	8.2	8.7	9.2	6.9	7.6
27	12.1	11.1	11.5	12.3	9.5	10.8	10.3	7.7	8.7	10.2	7.2	8.4
28	11.8	11.1	11.4	11.3	10.0	10.6	10.1	8.0	9.0	10.2	6.9	8.7
29	---	---	---	11.0	10.0	10.6	10.6	7.6	8.9	10.2	6.8	8.2
30	---	---	---	11.6	9.7	10.6	11.7	7.9	9.6	10.7	6.8	8.1
31	---	---	---	11.2	8.9	10.5	---	---	---	10.3	6.5	7.7
MONTH	14.0	9.9	11.5	12.5	8.9	11.0	11.7	7.6	9.9	14.2	6.5	8.8

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.2	6.2	7.9	---	---	---	9.6	5.3	7.0	7.2	4.0	5.8
2	9.8	6.6	7.6	8.8	6.6	8.5	9.5	5.4	7.1	9.1	4.6	6.6
3	10.3	6.6	7.5	9.9	6.5	8.0	9.8	5.0	6.9	8.0	5.4	6.8
4	8.0	6.2	6.9	9.7	6.5	8.3	8.0	4.9	6.0	7.4	6.5	6.9
5	7.2	6.1	6.6	8.9	7.0	7.9	8.7	5.1	6.0	6.9	6.4	6.7
6	7.4	6.2	6.8	9.7	6.3	7.4	9.2	4.8	6.0	7.3	6.0	6.5
7	9.3	6.0	7.0	10.5	6.0	7.9	9.5	4.5	6.4	7.1	5.2	6.2
8	7.0	5.9	6.4	11.7	7.1	8.3	8.0	5.3	6.8	6.8	5.5	6.1
9	6.6	5.8	6.2	13.0	6.7	9.1	7.5	5.8	6.8	6.5	5.2	5.8
10	9.4	6.3	7.3	11.9	6.6	7.8	7.1	6.2	6.7	6.3	5.3	5.6
11	10.6	6.4	8.4	11.0	6.4	8.6	8.6	6.2	7.1	6.6	5.3	5.8
12	7.8	6.0	6.7	11.8	5.7	8.9	7.9	6.0	7.0	8.6	5.7	6.8
13	7.1	5.7	6.5	9.8	6.2	7.8	9.3	5.1	7.0	8.8	5.6	7.1
14	9.1	6.1	6.9	10.3	5.7	8.0	7.4	5.7	6.7	8.1	5.7	6.7
15	6.7	5.9	6.3	10.6	5.5	8.0	8.2	5.8	6.8	7.2	5.0	5.8
16	8.6	6.2	7.2	10.5	6.3	7.6	8.6	5.7	6.8	5.6	4.6	5.0
17	9.6	6.4	7.7	9.2	6.9	8.4	8.5	6.0	6.8	7.4	4.6	5.8
18	11.0	6.4	8.5	10.2	6.4	8.5	9.4	5.5	7.1	6.3	5.3	5.8
19	9.7	6.5	8.0	9.0	5.8	7.3	9.1	5.5	7.1	5.4	4.9	5.1
20	9.1	6.9	7.7	8.3	6.1	7.0	10.1	5.2	6.5	5.9	4.7	5.0
21	---	---	---	8.3	6.4	7.4	8.6	5.9	7.1	5.0	4.7	4.9
22	---	---	---	10.4	6.7	8.2	8.3	5.4	6.4	5.1	4.5	4.8
23	---	---	---	9.2	6.9	8.1	8.6	4.5	6.1	5.1	4.6	4.8
24	---	---	---	11.7	6.4	8.7	8.3	5.4	6.6	5.0	4.6	4.7
25	---	---	---	11.6	6.6	8.8	9.3	5.2	7.4	4.9	4.5	4.7
26	---	---	---	12.5	6.1	8.1	8.5	4.4	6.0	5.0	4.7	4.8
27	9.8	6.0	7.0	11.5	6.0	7.7	9.5	5.1	7.1	8.3	4.6	5.2
28	11.5	6.0	7.5	9.9	5.8	7.6	8.4	4.9	6.3	8.3	5.6	7.2
29	10.7	6.2	8.9	10.8	5.8	7.9	7.4	3.9	5.3	---	---	---
30	10.2	6.6	8.2	10.8	4.9	7.1	7.7	4.2	5.1	---	---	---
31	---	---	---	8.9	4.9	6.1	8.8	4.9	7.0	---	---	---
MONTH	11.5	5.7	7.3	13.0	4.9	8.0	10.1	3.9	6.6	9.1	4.0	5.8
YEAR	14.2	3.9	8.7									

02160990 PARR SHOALS RESERVOIR AT PARR, SC

LOCATION.--Lat 3°15'40'', long 81°19'55'', Fairfield County, Hydrologic Unit 03050106, at Parr Shoals Dam, on Broad River 100 ft from left edge, 2.5 mi west of Jenkinsville and at mile 201.6.

DRAINAGE AREA.--4,750 mi^2 (from Federal Power Commission).

PERIOD OF RECORD.--October 1985 to current year. Records prior to 1985 Water Year are in the files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 200.00 ft above National Geodetic Vertical Datum of 1929, (South Carolina Electric and Gas reference mark) prior to May 7, 1968, datum was 47.17 ft higher.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation 266.82 ft, Sept.29; minimum, 255.56 ft, Aug. 22.

Capacity Table (elevation, in feet NGVD), 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 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	262.36	262.05	264.15	266.00	262.30	263.61	260.84	260.80	264.51	264.91	260.35	263.34
2	262.15	262.31	263.15	265.61	261.31	262.61	258.60	262.56	264.21	262.24	261.55	261.85
3	260.30	263.54	261.61	264.58	260.00	263.15	258.86	261.51	262.95	263.24	262.51	260.54
4	261.92	262.90	260.48	266.15	258.88	263.71	259.24	262.26	260.98	261.72	262.61	261.35
5	263.18	264.78	260.35	263.11	259.56	262.56	260.15	262.82	262.08	264.61	263.45	261.83
6	261.84	262.31	260.58	261.41	261.11	263.94	261.21	264.90	260.82	265.81	262.51	262.62
7	260.14	261.71	258.41	264.18	262.11	263.92	261.12	261.84	261.86	263.82	262.02	261.56
8	259.30	261.05	260.44	262.85	260.46	261.56	260.44	261.65	260.41	262.64	260.25	262.95
9	258.89	261.40	261.84	263.62	263.91	260.62	260.38	262.70	261.29	261.01	259.11	262.67
10	260.06	262.31	260.01	263.50	262.31	261.51	261.58	262.12	262.95	261.00	259.75	262.11
11	260.28	261.70	258.94	261.46	261.46	262.44	261.71	261.45	262.11	260.02	260.15	262.35
12	260.04	261.65	265.15	262.15	261.00	261.85	261.92	262.11	262.06	261.64	260.28	261.53
13	262.05	260.81	262.31	262.88	260.14	260.85	260.92	262.51	260.31	262.51	261.11	258.65
14	260.71	261.08	261.11	264.44	260.28	261.48	259.51	262.20	262.30	261.65	260.72	260.01
15	260.94	259.81	260.96	261.44	260.30	260.76	264.20	259.02	260.31	261.75	262.55	263.06
16	260.61	258.21	264.11	261.01	261.21	261.55	262.61	258.35	260.68	258.36	264.28	261.86
17	261.94	259.26	263.51	262.08	264.92	262.71	262.11	258.46	264.51	266.15	262.86	261.21
18	260.65	259.42	260.02	260.56	265.55	262.76	262.04	260.72	263.25	264.95	262.00	261.10
19	262.25	259.92	261.34	263.01	263.46	261.81	261.54	260.68	264.04	262.32	262.31	260.40
20	261.18	259.75	262.50	262.84	262.24	261.71	260.06	260.08	260.31	260.85	261.10	260.84
21	263.51	258.91	261.75	262.50	264.04	259.44	259.31	261.10	260.80	261.66	263.05	260.62
22	261.98	261.35	262.01	261.10	263.04	260.86	259.52	262.41	262.21	262.80	264.42	262.28
23	260.36	261.71	263.50	259.91	260.95	264.41	258.86	263.71	262.34	261.21	263.73	263.20
24	259.71	262.86	264.11	259.91	262.30	264.72	262.61	264.08	264.55	261.06	260.92	266.13
25	261.65	260.71	261.81	261.20	262.28	263.65	263.20	264.88	262.41	261.41	264.25	263.91
26	260.41	261.31	262.51	260.28	260.45	262.41	263.40	263.05	264.20	262.02	261.97	263.45
27	260.71	260.86	260.88	263.81	260.88	261.31	263.81	262.94	264.94	262.22	260.86	263.52
28	261.51	264.65	262.06	264.80	263.11	260.66	260.61	259.72	261.41	262.95	263.68	264.44
29	261.61	264.81	262.50	262.61	---	260.94	263.01	260.46	260.21	263.04	260.76	266.52
30	261.29	263.61	264.50	261.21	---	261.51	261.46	262.74	263.56	259.68	263.59	264.99
31	263.61	---	265.85	261.31	---	261.01	---	263.91	---	262.65	264.11	---
MAX	263.61	264.81	265.85	266.15	265.55	264.72	264.20	264.90	264.94	266.15	264.42	266.52
MIN	258.89	258.21	258.41	259.91	258.88	259.44	258.60	258.35	260.21	258.36	259.11	258.65
[+]	7.23	7.23	10.20	4.61	6.63	4.31	4.76	7.59	7.17	6.08	7.84	8.99
[*]	29.4	0	148.2	-279	111.6	-115.8	23.2	141.2	-21.7	-54.4	87.8	59.3

CAL YR 1988 * 8.2 MAX 265.85 MIN 257.71
WTR YR 1989 * 10.0 MAX 266.52 MIN 258.21

[+] CONTENTS, IN BILLIONS OF GALLONS, AT ENT OF MONTH.
[*] CHANGE IN CONTENTS, EQUIVALENT IN CUBIC FEET PER SECOND.

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

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

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

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 231.20 ft, Mar. 24, 1989; minimum, 219.38 ft, Aug. 18, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 231.20 ft, Mar. 24; minimum, 219.48 ft, Nov. 14.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	220.87	220.78	220.82	221.57	220.83	221.25	223.01	222.27	222.87	223.05	221.42	222.25
2	220.85	220.78	220.82	221.58	221.45	221.51	223.05	222.23	222.93	223.06	222.81	222.87
3	221.55	220.75	220.97	221.54	221.41	221.48	223.06	222.91	222.99	223.08	222.81	222.96
4	222.70	221.53	222.41	221.53	220.80	221.26	223.04	221.74	222.97	223.27	222.01	222.88
5	222.68	222.52	222.62	221.56	221.40	221.48	221.75	221.62	221.69	223.13	222.84	222.93
6	223.02	222.54	222.85	221.56	221.40	221.48	222.59	221.61	221.70	223.12	221.83	222.94
7	223.02	222.60	222.97	221.59	221.46	221.53	221.74	221.60	221.68	223.02	221.97	222.10
8	223.06	220.87	222.53	223.07	221.47	221.86	221.74	221.61	221.68	222.04	221.93	222.00
9	222.12	220.86	221.13	221.60	221.47	221.54	221.77	221.61	221.68	222.06	221.93	222.00
10	220.90	220.82	220.86	222.70	219.51	221.42	221.78	221.61	221.68	222.11	221.93	222.02
11	220.87	220.79	220.84	222.21	221.52	221.84	221.73	221.64	221.69	222.08	221.94	222.03
12	220.88	220.81	220.85	222.07	221.95	222.02	222.58	221.46	221.83	222.51	222.00	222.26
13	220.94	220.81	220.86	222.09	221.53	221.99	222.05	221.45	221.59	223.08	221.65	222.74
14	220.94	220.82	220.86	221.64	219.48	221.27	221.76	221.63	221.70	223.05	221.93	222.47
15	220.89	220.82	220.85	221.64	221.48	221.56	221.76	221.11	221.59	223.06	221.92	222.39
16	220.89	220.81	220.85	221.69	221.46	221.61	221.20	219.50	220.90	223.10	222.94	223.01
17	220.90	220.81	220.84	221.66	219.85	221.57	220.89	220.82	220.85	223.14	222.77	223.02
18	220.89	220.81	220.86	222.10	221.57	221.62	221.56	220.83	220.94	223.00	221.49	221.63
19	220.88	220.81	220.85	221.62	221.56	221.59	221.61	221.48	221.55	221.57	221.45	221.52
20	220.88	220.80	220.84	221.60	221.56	221.58	222.01	221.46	221.52	222.23	220.88	221.80
21	220.87	220.81	220.83	221.67	221.55	221.61	221.61	221.46	221.54	222.22	222.09	222.17
22	221.55	220.80	221.29	221.69	221.48	221.58	221.60	221.50	221.56	222.21	222.11	222.16
23	221.56	221.48	221.52	221.62	219.57	220.89	221.58	221.49	221.53	223.09	219.55	221.91
24	221.61	221.49	221.57	220.88	220.84	220.86	221.56	221.44	221.49	222.36	222.06	222.25
25	221.60	220.82	221.07	221.59	220.85	221.31	221.53	220.82	221.06	222.33	221.45	221.68
26	220.89	220.82	220.85	221.59	221.53	221.56	221.56	220.85	221.02	221.62	221.49	221.55
27	221.54	220.84	221.30	221.58	221.52	221.55	221.69	221.50	221.56	221.60	221.46	221.54
28	221.54	221.46	221.51	221.95	221.45	221.57	221.87	219.90	221.64	221.54	221.42	221.48
29	221.55	221.47	221.50	222.97	221.92	222.52	221.83	219.54	221.43	221.53	221.43	221.48
30	221.53	220.83	221.07	223.04	222.80	222.92	221.57	221.46	221.51	222.06	219.67	221.67
31	220.91	220.82	220.86	---	---	---	221.53	221.45	221.48	222.11	222.02	222.07
MONTH	223.06	220.75	221.29	223.07	219.48	221.59	223.06	219.50	221.67	223.27	219.55	222.19

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	222.10	222.00	222.04	227.70	225.17	226.72	223.43	221.89	223.29	222.66	222.05	222.42
2	222.09	221.99	222.04	227.37	225.86	226.71	223.43	223.34	223.38	224.17	222.51	223.35
3	222.10	220.94	221.98	226.39	223.32	225.01	223.48	221.02	222.29	226.14	224.04	225.40
4	222.15	221.59	221.81	225.28	223.26	223.88	222.63	221.64	222.55	225.37	221.71	223.54
5	221.63	219.52	220.88	225.16	223.80	224.14	222.60	220.30	222.42	223.34	222.58	223.24
6	221.59	219.53	221.07	226.66	223.33	224.67	222.87	222.42	222.62	223.26	223.09	223.18
7	221.67	221.50	221.58	228.59	224.03	226.13	223.43	222.05	223.07	224.99	223.05	224.17
8	222.52	219.74	221.77	227.05	222.21	223.93	223.48	223.30	223.39	223.81	223.22	223.39
9	222.57	220.89	221.81	223.59	221.91	223.36	223.48	223.37	223.42	223.36	222.22	223.21
10	222.47	221.73	222.02	223.42	220.48	223.25	223.44	219.91	223.27	224.49	223.13	223.77
11	222.18	221.99	222.10	223.43	223.29	223.36	223.45	223.28	223.36	224.90	222.96	224.05
12	222.12	222.03	222.07	223.39	223.23	223.31	223.42	223.28	223.35	224.09	222.35	223.40
13	222.06	219.60	221.03	223.43	223.26	223.35	223.42	222.99	223.33	223.33	223.13	223.24
14	221.58	220.86	220.92	223.46	220.05	222.66	223.55	223.33	223.46	223.45	223.21	223.32
15	220.93	220.86	220.90	222.56	222.35	222.44	223.57	223.31	223.44	223.41	223.25	223.34
16	222.10	220.88	221.53	222.53	221.48	221.91	227.20	223.21	225.27	223.51	222.67	223.39
17	222.13	221.84	221.99	222.55	221.50	221.78	225.62	223.29	224.03	222.77	221.66	222.36
18	221.59	220.82	220.88	222.46	221.86	222.22	223.48	223.31	223.39	221.77	221.59	221.66
19	222.03	220.83	221.57	223.37	222.30	222.68	223.48	222.39	223.29	222.53	221.58	222.05
20	222.09	221.96	222.02	223.44	222.48	223.34	223.54	221.87	223.30	222.64	222.46	222.55
21	223.37	221.97	222.76	223.02	222.07	222.76	223.53	221.24	223.02	222.63	221.60	222.47
22	227.39	222.93	224.94	223.36	222.67	223.16	222.59	222.49	222.53	221.91	221.49	221.63
23	226.63	223.44	225.20	226.78	223.21	223.89	222.58	221.61	222.40	222.67	221.53	222.13
24	223.53	222.18	223.24	231.20	224.58	228.00	221.66	221.42	221.54	222.77	221.49	222.24
25	223.41	223.22	223.29	230.86	228.73	229.91	223.45	221.46	222.28	222.23	221.45	221.91
26	223.40	223.23	223.31	228.73	225.17	226.55	223.11	222.14	222.64	223.60	220.18	222.68
27	223.44	222.32	223.26	225.29	223.43	224.22	222.99	221.48	222.32	222.40	222.22	222.30
28	225.96	221.98	223.75	224.00	222.41	223.68	222.28	221.19	221.91	222.37	220.97	221.44
29	---	---	---	223.50	223.35	223.41	222.33	222.03	222.15	221.72	220.97	221.39
30	---	---	---	223.45	222.28	223.31	222.25	222.02	222.08	221.81	221.09	221.69
31	---	---	---	223.45	221.89	223.31	---	---	---	221.87	220.96	221.47
MONTH	227.39	219.52	222.21	231.20	220.05	224.10	227.20	219.91	222.96	226.14	220.18	222.79

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	223.62	220.97	221.62	222.52	220.90	221.72	222.17	220.91	221.66	223.26	222.58	223.17
2	221.91	220.72	221.76	222.50	220.90	221.69	223.68	221.91	223.07	223.46	222.04	223.22
3	221.27	221.07	221.17	222.65	221.91	222.31	223.60	221.56	222.97	222.08	220.91	221.05
4	222.46	221.08	221.81	223.25	222.42	222.64	223.52	220.90	222.00	221.09	220.88	220.98
5	222.41	221.11	222.18	223.45	223.10	223.28	222.19	220.86	221.41	221.11	219.50	220.95
6	222.41	221.14	221.96	224.99	222.96	223.30	223.44	220.85	222.03	222.06	220.90	221.25
7	222.41	222.23	222.31	225.85	222.95	223.90	223.38	220.73	221.80	222.17	220.90	221.98
8	221.94	221.07	221.53	223.44	220.93	222.78	223.42	220.73	221.50	221.07	220.85	220.96
9	222.88	221.79	222.51	223.51	221.97	222.95	223.43	220.98	221.94	221.06	220.85	220.94
10	222.84	222.27	222.56	223.47	221.41	222.95	222.67	221.00	221.51	222.10	220.84	221.53
11	222.43	221.14	221.37	223.33	221.01	222.23	221.11	221.00	221.05	222.87	220.81	222.12
12	222.80	219.68	222.08	221.70	219.55	221.19	221.13	220.91	221.02	222.02	219.55	221.10
13	222.66	222.54	222.60	223.32	221.06	222.35	221.11	220.91	221.00	222.50	219.54	221.74
14	222.64	221.55	222.38	223.46	222.00	223.29	221.10	219.55	220.79	222.55	219.52	221.77
15	221.70	220.96	221.08	222.15	221.90	222.03	222.25	220.91	221.45	222.55	220.75	221.37
16	222.16	219.74	221.30	223.43	221.91	222.96	223.25	220.86	221.63	221.50	220.75	221.05
17	222.67	222.12	222.37	227.68	220.80	222.61	222.18	220.86	221.51	221.53	221.46	221.49
18	222.62	222.44	222.56	228.07	225.00	226.44	222.66	220.88	222.03	221.52	221.45	221.48
19	222.80	222.09	222.58	227.18	223.91	225.74	222.67	222.49	222.57	222.44	219.57	221.98
20	224.53	221.38	223.33	223.81	220.81	222.15	222.68	222.41	222.53	222.51	219.61	222.31
21	223.64	222.70	223.52	223.41	223.21	223.30	222.75	220.86	222.45	223.36	219.60	222.78
22	227.32	223.44	224.82	223.41	223.11	223.29	221.11	220.85	221.00	223.34	220.70	222.79
23	227.18	223.48	225.29	223.40	223.16	223.29	222.63	220.85	221.62	221.88	220.70	221.01
24	223.74	223.45	223.56	223.71	219.51	221.90	221.67	219.51	221.08	223.47	220.69	221.50
25	223.63	223.48	223.55	223.02	219.50	221.67	222.04	220.97	221.57	223.76	223.25	223.41
26	223.63	221.15	223.39	222.96	220.90	222.10	222.10	221.86	221.98	223.73	223.16	223.34
27	223.61	221.10	222.46	222.67	220.95	221.90	222.11	221.93	222.02	223.29	223.17	223.24
28	223.60	221.10	222.53	222.68	220.85	222.32	222.17	221.91	222.03	223.31	223.18	223.25
29	222.84	221.10	222.18	223.36	219.80	221.90	222.50	219.75	222.13	223.70	222.43	223.28
30	222.83	220.92	221.84	222.63	220.87	221.86	222.46	219.66	222.32	223.46	223.07	223.21
31	---	---	---	222.67	220.95	221.97	223.25	219.88	222.68	---	---	---
MONTH	227.32	219.68	222.47	228.07	219.50	222.71	223.68	219.51	221.82	223.76	219.50	222.01
YEAR	231.20	219.48	222.32									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

WATER-QUALITY RECORDS

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, and data collection platform since Oct. 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 162 microsiemens, Sept. 5, 1987; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.
pH: Maximum, 8.3 units, July 24, 1977; minimum, 5.0 units, July 13, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, July 25, 1976, July 11, 16, 1977, and several days in July 1986; minimum, 0.5°C, Jan. 19-21, 1977, Jan. 11, 1988.
DISSOLVED OXYGEN: Maximum, 14.3 mg/L, several days in Jan. 1988; minimum, 2.9 mg/L, July 2, 14-15, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 160 microsiemens Oct. 25; minimum, 49 microsiemens, July 18.
pH: Maximum, 8.0 units, Dec. 14, June 12; minimum 6.1 units, May 6, 7.
WATER TEMPERATURE: Maximum, 31.0°C, July 11; minimum, 5.5°C, Jan. 22.
DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Jan. 23; minimum, 4.2 mg/L, Aug. 31.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	126	121	123	138	131	135	116	104	110	131	130	130
2	127	121	124	140	135	137	117	106	113	131	124	129
3	126	120	122	137	134	135	117	104	112	122	108	117
4	157	119	138	141	134	136	113	104	109	127	113	121
5	153	134	142	141	136	138	121	109	114	123	113	118
6	135	127	131	138	133	136	124	119	122	122	101	114
7	133	124	128	145	134	139	126	123	124	125	108	120
8	123	105	113	146	141	143	127	124	125	126	122	124
9	114	110	112	144	142	143	127	125	126	121	114	117
10	110	105	108	146	138	144	127	125	126	121	109	115
11	111	106	108	144	141	143	130	123	125	124	116	121
12	113	109	111	143	137	140	137	128	131	119	116	117
13	115	110	113	144	136	140	129	128	129	122	115	118
14	115	114	115	139	136	138	131	127	129	122	117	120
15	117	116	116	137	131	134	128	127	128	122	118	121
16	122	115	117	139	132	134	129	127	128	119	112	116
17	130	121	125	149	132	138	129	127	128	123	113	120
18	125	121	123	150	136	142	129	127	128	123	114	119
19	130	125	127	148	142	144	136	127	130	120	116	118
20	130	128	129	147	138	142	133	130	132	119	112	117
21	133	128	129	150	138	140	134	131	132	119	112	116
22	135	131	133	152	140	145	137	131	132	116	111	114
23	143	132	134	139	133	135	136	130	133	120	113	116
24	156	143	148	134	132	132	132	129	130	121	119	120
25	160	147	152	133	132	132	131	130	130	122	120	121
26	146	139	143	140	134	137	133	131	132	123	119	121
27	152	139	143	141	140	140	140	133	137	123	121	122
28	153	149	152	147	140	143	139	133	136	122	121	122
29	152	139	146	143	132	138	139	134	136	123	122	123
30	144	140	142	132	116	127	134	131	133	122	121	122
31	147	138	143	---	---	---	131	130	130	124	121	123
MONTH	160	105	129	152	116	138	140	104	127	131	101	120

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	124	123	124	89	66	73	93	86	90	106	102	104
2	127	123	124	88	63	70	98	92	94	107	96	103
3	128	126	127	115	62	80	96	89	94	96	67	80
4	129	122	127	94	64	72	101	94	96	86	64	75
5	125	122	123	99	67	73	103	93	99	95	83	88
6	128	124	126	102	68	81	101	96	99	94	87	90
7	128	124	125	106	64	87	100	94	98	93	82	88
8	130	126	127	104	65	75	98	91	94	---	---	---
9	131	127	129	83	68	74	98	93	95	88	74	81
10	130	126	127	87	76	79	97	89	92	86	72	80
11	130	126	127	96	79	84	94	85	90	83	73	78
12	---	---	---	93	84	87	98	86	91	89	76	82
13	---	---	---	107	84	93	98	86	92	90	82	87
14	---	---	---	107	92	101	99	85	92	94	87	91
15	---	---	---	105	93	100	98	79	91	96	92	93
16	131	126	128	103	92	97	86	63	72	97	93	95
17	131	124	127	101	94	97	85	64	72	---	---	---
18	125	125	125	102	101	102	91	75	85	---	---	---
19	127	125	126	105	102	104	95	83	89	---	---	---
20	133	125	130	107	104	105	98	87	95	95	94	94
21	133	125	130	107	103	106	97	89	94	---	---	---
22	130	91	115	108	105	107	97	89	95	---	---	---
23	120	79	96	107	99	104	99	90	95	106	97	99
24	116	80	105	101	57	71	102	99	100	112	99	102
25	109	86	98	64	56	59	101	100	100	108	101	103
26	108	89	101	57	56	56	104	100	101	111	101	104
27	111	88	96	69	56	61	---	---	---	108	103	105
28	115	88	103	78	60	68	---	---	---	107	102	104
29	---	---	---	83	64	75	107	102	103	107	104	106
30	---	---	---	90	68	80	105	102	103	111	104	107
31	---	---	---	96	79	87	---	---	---	114	101	106
MONTH	133	79	119	115	56	84	107	63	93	114	64	94
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	111	105	106	---	---	---	115	97	100	105	90	99
2	110	105	107	---	---	---	117	94	101	101	92	98
3	110	104	107	98	93	95	104	94	97	99	98	99
4	112	101	108	98	94	95	108	95	98	98	96	97
5	114	107	109	100	96	97	104	95	97	97	96	96
6	115	107	110	97	89	95	106	94	97	99	97	98
7	126	109	113	96	71	92	107	95	98	107	99	101
8	116	111	113	95	68	88	111	96	101	111	101	105
9	124	111	116	91	68	85	121	94	103	109	105	107
10	122	112	115	---	---	---	127	98	109	109	105	107
11	117	111	113	---	---	---	114	99	105	112	103	106
12	119	111	114	---	---	---	110	102	105	107	103	104
13	119	112	114	---	---	---	116	107	112	119	103	107
14	115	112	113	89	74	86	115	105	109	127	102	111
15	112	103	107	89	83	87	119	101	106	123	102	110
16	104	101	103	86	83	85	116	101	104	113	105	108
17	102	101	101	94	68	86	127	101	106	114	108	110
18	107	101	103	68	49	54	114	101	106	115	109	112
19	108	103	105	87	52	61	115	100	105	140	110	118
20	105	101	103	---	---	---	107	102	104	133	106	116
21	101	91	99	88	85	87	119	103	105	127	107	117
22	100	80	94	89	77	85	119	103	106	130	107	120
23	97	68	83	87	82	85	107	100	103	119	114	116
24	90	69	79	---	---	---	112	101	104	116	114	115
25	93	74	87	---	---	---	108	101	104	112	99	107
26	94	76	90	106	88	91	116	102	106	102	90	96
27	93	82	90	99	85	92	117	106	110	98	88	94
28	95	85	92	---	---	---	120	105	109	96	89	91
29	94	87	92	---	---	---	122	106	111	102	95	98
30	---	---	---	109	84	94	123	106	113	103	96	100
31	---	---	---	120	94	101	110	106	108	---	---	---
MONTH	126	68	103	120	49	87	127	94	105	140	88	105
YEAR	160	49	110									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	22.0	25.5	---	---	---	28.5	27.5	28.5	28.5	27.0	28.5
2	26.5	22.5	26.5	---	---	---	28.5	27.0	28.5	28.0	27.0	28.0
3	25.5	23.0	25.5	27.5	27.0	27.5	29.5	27.0	29.5	27.5	26.5	27.5
4	26.0	23.5	26.0	26.5	26.0	26.5	28.5	27.0	28.5	26.5	25.0	26.5
5	26.5	23.0	26.5	27.5	25.5	27.5	29.0	27.5	29.0	25.5	24.5	25.5
6	25.0	22.5	25.0	27.0	26.0	27.0	29.5	27.5	29.5	25.5	24.5	25.5
7	25.5	22.0	25.5	26.5	25.5	26.5	29.5	28.0	29.5	26.0	25.0	26.0
8	24.0	22.5	24.0	28.5	25.0	28.5	28.0	26.5	28.0	26.5	25.0	26.5
9	25.0	23.0	25.0	28.5	26.0	28.5	27.0	25.5	27.0	26.5	25.5	26.5
10	25.5	22.5	25.5	29.5	26.5	29.5	26.0	25.0	26.0	27.5	26.0	27.5
11	25.5	23.0	25.5	31.0	27.5	31.0	26.5	25.0	26.5	27.5	26.0	27.5
12	27.0	24.0	27.0	30.0	28.0	30.0	26.0	25.5	26.0	27.5	25.5	27.5
13	26.5	24.0	26.5	30.5	28.0	30.5	26.5	25.5	26.5	---	---	---
14	26.5	23.0	26.5	29.5	27.0	29.5	26.5	24.5	26.5	---	---	---
15	26.0	23.5	26.0	27.5	27.0	27.5	26.5	25.5	26.5	---	---	---
16	24.5	24.0	24.5	28.5	27.0	28.5	27.5	26.5	27.5	27.5	27.0	27.5
17	25.5	23.0	25.5	27.5	25.5	27.5	27.5	23.5	27.5	27.5	26.5	27.5
18	26.5	24.0	26.5	25.5	23.5	25.5	27.5	26.5	27.5	27.0	26.0	27.0
19	25.5	24.5	25.5	26.5	24.0	26.5	27.5	26.0	27.5	26.0	24.5	26.0
20	24.5	23.5	24.5	---	---	---	28.5	26.5	28.5	25.0	24.5	25.0
21	25.0	23.5	25.0	27.0	25.5	27.0	28.0	26.5	28.0	26.0	24.5	26.0
22	25.0	23.5	25.0	26.5	25.0	26.5	28.0	27.0	28.0	25.5	24.0	25.5
23	24.5	23.5	24.5	27.0	25.5	27.0	29.5	27.5	29.5	26.0	24.5	26.0
24	26.5	24.0	26.5	---	---	---	28.5	26.0	28.5	25.0	23.0	25.0
25	26.5	24.5	26.5	---	---	---	29.0	27.5	29.0	23.5	21.0	23.5
26	27.0	25.0	27.0	29.5	27.0	29.5	28.5	27.5	28.5	22.5	20.5	22.5
27	28.0	25.0	28.0	28.5	26.5	28.5	28.5	27.5	28.5	22.0	20.0	22.0
28	28.5	25.0	28.5	30.0	27.0	30.0	28.0	27.0	28.0	21.0	19.0	21.0
29	27.5	25.0	27.5	30.0	27.5	30.0	28.5	26.5	28.5	22.5	20.5	22.5
30	---	---	---	30.0	27.5	30.0	28.0	27.0	28.0	23.0	21.0	23.0
31	---	---	---	29.0	27.0	29.0	29.0	27.0	29.0	---	---	---
MONTH	28.5	22.0	26.0	31.0	23.5	28.5	29.5	23.5	28.0	28.5	19.0	25.5
YEAR	31.0	5.5	19.0									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.1	6.1	6.5	---	---	---	6.6	5.0	5.7	7.0	5.5	6.1
2	7.1	5.9	6.5	---	---	---	6.7	5.0	5.7	5.9	4.4	5.0
3	6.8	6.2	6.4	7.4	5.8	6.5	6.8	4.9	5.7	5.9	5.0	5.2
4	6.8	6.0	6.4	6.3	5.8	6.0	6.2	5.1	5.5	8.1	6.0	6.7
5	6.6	5.9	6.3	6.1	5.2	5.7	6.0	5.0	5.5	8.0	6.7	7.2
6	6.3	5.6	6.0	6.3	5.3	5.8	6.1	5.0	5.6	8.2	6.4	7.5
7	6.5	5.6	6.0	6.0	5.1	5.4	6.2	4.8	5.4	6.8	5.8	6.2
8	6.4	5.8	6.1	6.2	4.9	5.4	6.6	5.2	6.0	---	---	---
9	6.6	6.0	6.3	5.9	5.3	5.6	7.1	5.7	6.3	---	---	---
10	6.7	5.6	6.1	6.2	5.2	5.7	7.3	5.9	6.6	7.7	6.7	7.1
11	6.7	6.0	6.3	6.2	5.0	5.4	7.3	6.6	6.9	---	---	---
12	7.3	6.0	6.6	---	---	---	7.4	6.7	7.0	---	---	---
13	6.7	6.0	6.3	6.1	4.9	5.5	7.4	6.5	6.9	7.5	5.4	6.4
14	6.5	5.5	6.0	5.6	4.6	5.1	7.0	6.1	6.6	6.6	5.7	6.0
15	6.2	5.7	6.0	5.5	4.9	5.2	6.8	5.8	6.3	6.3	5.6	5.9
16	6.1	5.4	5.7	5.9	4.8	5.3	6.7	5.4	6.2	6.4	5.7	6.0
17	6.2	5.8	6.0	5.9	5.4	5.7	6.4	5.6	6.0	6.9	5.4	5.9
18	6.6	5.8	6.2	5.7	5.1	5.4	6.6	5.6	6.0	7.3	5.8	6.3
19	6.5	6.1	6.3	5.1	4.5	5.0	6.7	5.0	5.7	7.4	6.6	6.9
20	6.1	5.7	6.0	---	---	---	7.1	5.2	5.9	7.2	6.5	6.7
21	6.3	5.5	6.0	5.8	4.8	5.1	6.5	5.3	5.8	7.6	6.0	6.8
22	6.2	5.5	5.9	6.0	5.0	5.5	---	---	---	8.8	7.8	8.2
23	6.3	5.7	6.1	6.0	5.3	5.6	---	---	---	7.7	7.2	7.5
24	6.6	5.5	6.0	---	---	---	6.1	5.4	5.7	8.3	7.3	7.9
25	6.4	5.4	5.9	---	---	---	7.1	5.2	5.8	8.5	7.8	8.1
26	6.0	5.1	5.7	6.6	6.0	6.3	6.2	5.2	5.9	8.6	7.8	8.2
27	5.9	5.4	5.6	6.5	5.7	6.1	6.7	4.6	5.5	---	---	---
28	5.9	5.2	5.5	7.0	5.5	6.1	6.3	4.7	5.4	---	---	---
29	5.8	5.2	5.5	7.2	5.5	6.2	6.3	4.9	5.6	---	---	---
30	---	---	---	7.1	5.1	5.8	6.1	4.3	5.1	---	---	---
31	---	---	---	6.9	5.2	5.7	6.6	4.2	5.2	---	---	---
MONTH	7.3	5.1	6.1	7.4	4.5	5.6	7.4	4.2	5.9	8.8	4.4	6.7
YEAR	11.8	4.2	7.9									

02161000 BROAD RIVER AT ALSTON, SC

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

DRAINAGE AREA.--4,790 mi^2.

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

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

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

REMARKS.--No estimated daily discharges. Records good. Regulation at low and median flow by powerplants above station.

AVERAGE DISCHARGE.--9 years, 5,256 ft^3/s, 14.90 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 108,000 ft^3/s, Mar. 3, 1987, gage height, 25.90 ft; minimum daily, 242 ft^3/s, Jun. 30, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 42,600 ft^3/s, Mar. 24, gage height 16.25 ft; minimum daily, 1040 ft^3/s, Aug. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1150	1440	4890	2050	2730	24300	5860	3210	2200	2190	1960	5250
2	1150	1900	4840	4090	2690	24300	6080	7130	2080	2060	5240	5530
3	1450	1870	5070	4880	2560	17300	3240	16700	1350	2920	5230	1290
4	3490	1620	5150	5190	2300	10700	3610	7290	2160	3650	2690	1120
5	3870	1880	3810	5150	1250	13600	3430	5560	2910	5710	1690	1110
6	4440	1860	2200	5090	1360	15100	3830	5370	2390	5830	2790	1410
7	4870	1900	2190	4850	1880	21700	5070	12400	3040	10100	2530	2430
8	4260	1930	2190	2960	2110	12500	6160	7730	1830	4680	2130	1120
9	1480	2570	2200	2800	2200	6960	6320	5480	3620	4890	2610	1070
10	1150	1620	2190	2820	2400	5860	5840	10400	3770	4970	1910	1730
11	1120	2480	2190	2840	2520	6030	6030	12000	1710	3270	1200	2880
12	1130	2630	2220	2870	2480	5870	6000	6970	2860	1470	1180	1390
13	1120	2640	2440	3490	1380	6020	5930	5570	3860	3320	1160	2370
14	1120	1970	2170	4760	1110	4180	6350	5780	3530	5920	1040	2640
15	1130	2010	2220	3810	1060	3330	7370	5960	1390	2510	1740	1930
16	1140	2050	1850	3890	1760	2480	16800	6220	1580	4780	2600	1270
17	1130	2090	1230	5320	2390	2100	11700	3460	3320	4700	1850	1740
18	1140	2130	1250	5320	1090	2850	6150	1930	3760	19600	2700	1730
19	1150	2080	1610	2160	1820	3920	5850	2520	3830	16600	3610	2570
20	1130	2050	2050	2070	2420	5970	5900	3550	8840	3720	3540	3050
21	1140	2070	2030	2530	4970	4240	5180	3470	6920	5830	3480	4420
22	1500	2120	2050	3110	15400	5410	3640	1910	11900	5770	1180	4880
23	1870	1700	2070	3110	18400	9520	3480	2680	14600	5780	2070	1250
24	1910	1290	2030	3330	5980	29800	1830	3060	6910	4100	1360	2050
25	1540	1400	1990	3300	5870	37500	3330	2380	6760	2190	1840	7520
26	1160	2040	1340	2340	5870	24200	3970	4310	6420	3060	2400	6810
27	1500	2040	1630	2090	5770	14200	3150	3000	4180	2420	2450	5450
28	1880	2040	2090	2020	10600	10800	2280	1930	4290	3330	2510	5460
29	1870	2530	2190	1990	---	6380	2640	1650	3030	2800	2710	5850
30	1580	4890	1950	2220	---	5850	2500	2040	2400	2340	3140	5540
31	1180	---	2030	2790	---	5920	---	1770	---	2710	3910	---
TOTAL	55750	62840	75360	105240	112370	348890	159520	163430	127440	153220	76450	92860
MEAN	1798	2095	2431	3395	4013	11250	5317	5272	4248	4943	2466	3095
MAX	4870	4890	5150	5320	18400	37500	16800	16700	14600	19600	5240	7520
MIN	1120	1290	1230	1990	1060	2100	1830	1650	1350	1470	1040	1070

CAL YR 1988 TOTAL 1060164 MEAN 2897 MAX 21700 MIN 787
WTR YR 1989 TOTAL 1533370 MEAN 4201 MAX 37500 MIN 1040

02161700 WEST FORK LITTLE RIVER NEAR SALEM CROSSROADS, SC

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

DRAINAGE AREA.--25.5 mi^2.

PERIOD OF RECORD.--October 1980 to current year. All figures of discharge less than 700 ft^3/s prior to October 1983 are unreliable 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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--6 years, 21.7 ft^3/s, 11.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,500 ft^3/s, July 17, 1989, gage height, 9.17 ft; no flow July 5-11, 1982, and many days July to Sept. 1983.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4500 ft^3/s, July 17, gage height, 9.17 ft; minimum, 1.50 ft^3/s, Oct. 1 - 3, gage height, 1.00 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	16	5.8	10	4.7	130	16	15	4.2	3.7	91	3.3
2	1.5	4.8	5.0	7.2	4.7	57	14	82	4.2	3.4	108	3.3
3	16	2.6	4.5	6.7	4.5	181	13	23	4.1	3.3	26	3.1
4	104	2.2	4.6	8.4	4.3	116	12	13	3.6	9.5	16	3.0
5	12	3.2	4.1	7.2	4.9	79	18	20	3.4	43	11	3.1
6	4.5	3.7	4.2	9.6	5.7	83	18	89	3.4	82	8.0	3.7
7	3.0	2.3	4.3	9.7	5.1	83	19	27	5.1	26	6.5	3.5
8	2.4	2.0	4.2	6.3	4.6	44	38	16	4.3	18	5.7	3.2
9	2.2	2.1	4.2	7.5	4.1	34	98	17	6.1	9.8	5.4	3.0
10	2.1	2.1	4.2	13	3.9	27	39	76	4.1	6.6	5.2	2.9
11	1.9	2.1	4.0	13	4.1	23	30	32	3.9	5.5	5.1	2.8
12	1.8	2.1	3.8	10	4.0	20	23	20	3.6	5.4	5.1	2.7
13	1.7	2.1	3.7	13	3.8	17	18	14	3.6	20	4.1	2.7
14	1.6	2.2	3.6	13	3.8	16	15	11	3.4	6.8	11	2.6
15	1.7	2.2	3.6	13	3.8	14	566	29	3.3	7.5	28	2.7
16	1.7	2.1	3.6	12	3.8	14	178	17	16	126	32	3.7
17	1.6	7.4	3.6	9.3	3.6	12	61	11	33	1010	12	2.8
18	1.6	8.7	3.5	8.2	4.4	12	36	8.8	6.7	113	9.3	2.5
19	1.7	3.8	3.4	7.3	5.1	11	27	7.6	3.9	43	6.7	2.4
20	1.7	3.4	3.3	7.0	6.9	10	23	7.1	6.0	131	5.7	2.5
21	2.0	3.1	3.4	6.2	505	13	17	6.5	155	162	4.7	2.7
22	2.5	2.8	3.4	6.0	283	21	14	5.5	130	73	4.3	59
23	1.7	3.1	3.5	6.0	81	376	11	18	25	36	4.2	16
24	1.6	8.7	3.6	5.7	65	595	10	7.3	14	24	6.4	5.3
25	1.6	6.0	3.6	5.6	55	111	8.3	5.5	9.7	17	4.6	6.5
26	1.5	4.7	3.3	5.4	45	60	7.1	5.2	7.3	13	4.0	12
27	1.5	4.3	3.3	5.4	51	41	6.2	5.1	5.8	14	4.3	6.8
28	1.6	8.3	3.5	5.0	391	32	6.1	5.1	4.9	53	4.2	4.2
29	1.7	10	3.4	4.9	---	26	6.2	4.5	4.5	19	3.8	3.8
30	1.8	6.6	3.3	5.1	---	23	6.1	4.3	4.3	13	3.7	15
31	2.1	---	4.1	5.0	---	21	---	4.4	---	22	3.5	---
TOTAL	185.8	134.7	119.6	251.7	1565.8	2302	1354.0	606.9	486.4	2119.5	449.5	190.8
MEAN	5.99	4.49	3.86	8.12	55.9	74.3	45.1	19.6	16.2	68.4	14.5	6.36
MAX	104	16	5.8	13	505	595	566	89	155	1010	108	59
MIN	1.5	2.0	3.3	4.9	3.6	10	6.1	4.3	3.3	3.3	3.5	2.4

CAL YR 1988 TOTAL 3008.48 MEAN 8.22 MAX 165 MIN .50
WTR YR 1989 TOTAL 9766.7 MEAN 26.8 MAX 1010 MIN 1.5

02162010 CEDAR CREEK NEAR BLYTHEWOOD, SC

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

DRAINAGE AREA.--48.9 mi^2.

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

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

REMARKS.--Records fair, except for estimated daily discharges: May 13 to June 16, June 18 - 20, June 26 - July 4, July 6 - 20, July 22 to Sept. 21, which are poor.

AVERAGE DISCHARGE.--20 years (water years 1968-83, 1986-89), 45.5 ft^3/s, 12.64 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,870 ft^3/s, July 4, 1968, gage height, 18.42 ft; minimum, 0.07 ft^3/s, Sept. 29, 1986, gage height, 2.14 ft, minimum gage height, 2.13 ft, Oct. 7, 1986.

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

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 24	0400	*2,480	*12.95	Apr. 15	1430	1,970	11.56

Minimum, 1.9 ft^3/s, Oct. 1, gage height, 2.52 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	120	8.6	21	6.3	94	42	185	11	9.5	15	6.5
2	2.5	38	7.7	21	6.1	68	38	191	11	9.0	20	6.5
3	102	21	6.6	25	6.0	156	36	38	10	10	17	6.0
4	172	16	6.2	36	4.8	124	35	25	10	23	13	6.0
5	42	17	6.2	18	4.8	83	37	52	10	56	10	6.0
6	27	29	5.5	14	13	83	43	82	9.5	18	9.0	6.0
7	16	18	5.6	12	15	120	45	29	9.0	14	8.5	6.0
8	11	13	5.7	11	8.1	74	57	24	12	11	8.0	5.5
9	8.7	13	5.6	16	4.4	62	118	23	19	9.5	7.5	5.5
10	5.5	11	5.6	30	4.6	56	101	95	17	9.0	7.5	5.5
11	4.4	11	5.5	23	5.0	50	106	35	13	8.5	7.0	5.5
12	4.0	10	5.1	18	5.5	46	70	26	11	10	7.0	5.5
13	3.8	10	4.7	32	6.2	42	52	24	12	20	9.0	5.0
14	3.6	8.6	4.5	38	4.0	39	43	22	13	18	12	5.0
15	3.5	6.5	4.6	27	4.8	38	747	21	16	13	16	5.0
16	3.5	6.2	4.6	22	5.0	37	202	19	20	11	15	9.0
17	3.5	6.9	4.5	17	4.6	34	89	18	22	14	14	13
18	3.3	8.9	4.5	14	5.0	32	64	17	18	20	13	10
19	3.3	7.6	4.4	13	6.8	32	53	16	13	13	11	8.0
20	3.3	6.1	4.5	12	7.1	30	48	15	20	90	10	6.0
21	3.4	6.0	4.3	10	205	31	46	15	67	57	9.0	5.0
22	3.4	5.9	4.2	9.5	305	37	43	14	74	25	8.5	207
23	4.1	6.9	4.1	9.0	114	614	42	14	58	12	8.0	31
24	3.5	22	4.3	8.6	108	1100	42	14	22	8.0	7.5	13
25	3.7	16	4.4	7.8	91	160	41	13	41	12	7.5	9.4
26	3.8	10	3.7	7.7	79	89	41	13	20	20	7.5	11
27	3.8	8.9	3.2	7.8	66	65	41	12	15	30	7.0	9.4
28	3.8	10	3.6	8.4	97	55	40	12	12	21	7.0	8.1
29	5.9	17	3.9	7.5	---	50	40	12	11	8.0	7.0	7.5
30	4.3	10	4.0	7.4	---	44	40	11	10	7.5	6.5	18
31	8.1	---	4.2	6.8	---	45	---	11	---	12	6.5	---
TOTAL	472.7	490.5	154.1	510.5	1192.1	3590	2442	1098	606.5	599.0	311.5	450.9
MEAN	15.2	16.3	4.97	16.5	42.6	116	81.4	35.4	20.2	19.3	10.0	15.0
MAX	172	120	8.6	38	305	1100	747	191	74	90	20	207
MIN	2.0	5.9	3.2	6.8	4.0	30	35	11	9.0	7.5	6.5	5.0

CAL YR 1988 TOTAL 6846.78 MEAN 18.7 MAX 232 MIN .12
WTR YR 1989 TOTAL 11917.8 MEAN 32.7 MAX 1100 MIN 2.0

02162093 SMITH BRANCH AT NORTH MAIN STREET AT COLUMBIA, SC

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

DRAINAGE AREA.--5.67 mi^2.

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

GAGE.--Water-stage recorder. Datum of gage is 199.10 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: Mar. 10 to Apr. 24, July 24 t0 Sept. 8, which are poor.

AVERAGE DISCHARGE.--13 years, 9.30 ft^3/s, 22.27 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,080 ft^3/s, July 4, 1989, gage height, 11.51 ft; minimum, 0.46 ft^3/s, Aug. 1, 2, 4, 5, 11-14, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,080 ft^3/s, July 4, gage height, 11.51 ft; minimum, 1.7 ft^3/s, Oct. 20, 21, 29, 30, 31, gage height, 0.47 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	30	2.0	4.9	2.3	5.4	14	141	2.3	5.5	6.7	8.7
2	2.4	3.9	2.0	2.1	2.8	5.7	12	18	2.7	4.4	7.2	9.9
3	27	2.9	1.9	23	3.0	27	10	6.6	2.3	12	3.7	10
4	7.1	2.8	1.9	2.7	3.2	9.5	7.4	5.3	3.2	322	3.2	10
5	2.7	15	1.9	2.1	4.4	7.7	7.0	29	4.9	27	2.9	10
6	2.6	2.6	2.0	3.6	10	17	7.0	6.2	4.6	12	3.3	7.6
7	2.4	2.3	2.1	2.1	4.9	6.0	9.2	4.2	8.6	8.2	4.0	4.5
8	2.6	2.1	2.2	2.2	2.5	4.9	8.1	3.7	2.6	7.0	5.1	3.5
9	2.6	2.1	3.2	14	2.3	5.7	9.9	13	76	5.8	6.8	3.3
10	2.6	2.3	1.9	7.1	2.3	5.8	21	18	3.4	5.1	7.7	3.1
11	2.6	2.5	1.9	2.9	2.3	5.6	42	4.5	2.6	4.5	7.6	2.8
12	2.6	1.9	1.9	4.1	2.3	6.3	60	4.1	2.3	4.5	7.4	3.1
13	2.6	2.1	1.9	19	2.4	7.0	56	3.9	2.4	8.0	6.8	3.0
14	2.6	2.1	1.9	3.6	2.7	6.4	44	4.0	2.5	35	4.3	3.9
15	2.8	2.3	2.0	3.7	3.0	6.0	30	18	2.5	113	3.6	15
16	2.8	2.4	2.9	2.9	3.1	7.3	23	3.4	27	34	7.9	8.7
17	2.4	17	2.1	2.6	3.1	6.7	53	3.4	7.7	26	11	3.6
18	2.4	2.1	1.9	2.6	4.7	6.6	60	3.4	5.2	7.9	20	3.4
19	4.9	1.9	1.9	2.6	2.9	6.5	55	3.5	71	19	22	3.2
20	1.7	1.9	2.1	2.5	14	6.7	43	3.5	40	21	20	3.4
21	9.9	1.9	2.1	2.6	57	8.0	32	3.0	24	19	20	32
22	2.2	2.0	2.3	2.6	18	18	24	2.8	34	12	11	173
23	1.9	25	2.7	2.6	17	86	11	2.8	7.6	7.1	11	7.4
24	1.9	3.1	3.0	2.6	14	70	10	2.8	83	5.9	10	5.7
25	1.9	2.4	3.2	2.8	6.0	41	3.2	2.8	12	5.5	8.6	13
26	2.7	2.1	2.8	2.6	5.3	28	3.0	2.8	5.6	5.4	10	7.6
27	2.0	2.1	2.8	8.1	5.0	21	2.8	2.8	4.6	5.0	11	5.5
28	1.9	3.2	3.5	2.1	25	18	12	2.6	4.1	4.7	11	5.0
29	1.9	1.9	2.1	2.1	---	16	8.5	2.7	77	8.0	11	4.7
30	1.7	2.0	2.2	2.1	---	14	11	2.6	9.5	6.9	11	9.8
31	82	---	13	2.1	---	14	---	2.4	---	4.3	8.4	---
TOTAL	191.9	147.9	81.3	142.6	225.5	493.8	689.1	326.8	535.2	765.7	284.2	384.4
MEAN	6.19	4.93	2.62	4.60	8.05	15.9	23.0	10.5	17.8	24.7	9.17	12.8
MAX	82	30	13	23	57	86	60	141	83	322	22	173
MIN	1.7	1.9	1.9	2.1	2.3	4.9	2.8	2.4	2.3	4.3	2.9	2.8

CAL YR 1988 TOTAL 2408.5 MEAN 6.58 MAX 216 MIN 1.1
WTR YR 1989 TOTAL 4268.4 MEAN 11.7 MAX 322 MIN 1.7

02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

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

DRAINAGE AREA.--Undetermined.

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

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1987, at datum 43.02 ft higher.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 62.36 ft, Mar. 3, 1987; minimum, 47.16 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 58.08 ft, June 23 (maximum may have been exceeded during period of missing record Feb. 28 - Apr. 3); minimum, 47.16 ft, Dec. 29.

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.65	---	51.47	48.87	52.09	---	---	---	---	54.37	---	53.36
2	52.45	---	51.53	52.18	52.02	---	---	---	---	54.17	---	53.46
3	51.73	---	51.79	52.81	51.99	---	---	---	53.58	---	---	51.89
4	---	---	51.85	52.22	51.96	---	53.13	---	53.20	---	---	51.24
5	---	---	50.60	52.18	51.11	---	52.96	---	54.57	---	---	50.99
6	---	---	49.48	51.80	51.00	---	52.79	---	53.91	---	---	51.01
7	---	---	48.87	50.96	51.47	---	53.25	---	54.78	---	---	51.92
8	51.40	---	49.10	49.96	51.47	---	53.67	---	53.80	---	---	51.59
9	---	---	48.91	49.94	52.43	---	53.88	---	54.68	---	---	50.79
10	---	---	49.17	49.99	52.82	---	53.87	---	55.16	---	---	50.70
11	---	---	49.03	49.95	52.26	---	53.87	---	54.09	---	---	52.02
12	---	---	49.38	50.01	52.42	---	53.75	---	53.48	---	---	51.32
13	---	---	48.56	51.14	51.63	---	53.68	---	55.04	---	---	51.29
14	47.82	---	48.86	52.98	51.23	---	53.72	---	55.02	---	---	51.28
15	47.86	---	48.81	50.55	51.79	---	---	---	53.57	---	---	50.11
16	47.76	48.69	48.03	52.67	52.12	---	---	---	53.82	---	---	50.17
17	47.96	49.13	47.40	52.75	52.42	---	---	---	55.56	---	---	---
18	48.73	49.00	47.54	51.24	51.39	---	---	---	55.78	---	---	---
19	47.83	48.83	48.27	50.94	51.52	---	---	---	55.83	---	---	---
20	47.72	48.68	48.41	51.80	52.21	---	---	---	56.17	---	---	---
21	47.80	48.82	48.26	52.29	52.94	---	---	---	56.39	---	---	---
22	---	49.00	48.57	51.95	55.02	---	---	---	56.76	---	---	---
23	---	48.71	48.55	51.56	56.13	---	---	---	57.28	---	---	---
24	---	48.20	48.43	51.82	54.46	---	---	---	56.54	---	---	---
25	---	48.25	48.24	51.14	53.93	---	---	---	56.14	---	---	---
26	---	49.01	47.72	51.55	53.86	---	---	---	56.09	---	---	---
27	---	49.07	48.18	52.41	53.38	---	---	---	55.23	---	---	---
28	---	49.08	48.74	51.49	---	---	---	---	54.88	53.93	54.36	---
29	---	49.82	48.54	51.23	---	---	---	---	54.96	54.23	53.23	---
30	---	51.77	48.32	51.59	---	---	---	---	54.82	54.29	52.83	---
31	---	---	48.41	52.00	---	---	---	---	---	54.64	52.67	---
MEAN	49.06	49.07	49.00	51.42	52.48	---	53.51	---	55.04	54.27	53.27	51.45
MAX	52.45	51.77	51.85	52.98	56.13	---	53.88	---	57.28	54.64	54.36	53.46
MIN	47.72	48.20	47.40	48.87	51.00	---	52.79	---	53.20	53.93	52.67	50.11

CAL YR 1988 TOTAL 12450.85 MEAN 51.24 MAX 56.61 MIN 47.40
WTR YR 1989 TOTAL 9346.39 MEAN 51.64 MAX 57.28 MIN 47.40

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC

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

DRAINAGE AREA.--Undetermined.

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

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above National Geodetic Vertical Datum at 1929.

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

EXTREMES FOR PERIOD OF RECORD.-- Maximum gage height, 54.56 ft, July 9, 1988; minimum, 45.17 ft, Dec. 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.28 ft, Mar. 23; minimum, 45.17 ft, Dec. 29.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47.95	48.15	46.71	47.55	51.63	53.05	52.32	52.93	53.03	51.41	51.95	51.93
2	47.96	48.12	47.01	50.10	51.56	52.43	52.36	52.88	52.00	51.18	52.47	52.07
3	48.29	47.89	47.30	50.29	51.53	52.06	51.63	54.05	51.53	51.56	52.17	51.28
4	50.03	47.88	47.33	48.89	51.56	51.94	52.19	52.95	51.13	52.34	51.79	51.40
5	48.84	48.14	47.04	48.86	51.06	52.95	51.87	51.99	52.08	53.02	51.18	51.14
6	49.12	48.38	46.92	48.13	51.22	52.87	51.68	52.13	51.69	52.38	51.63	51.14
7	49.70	48.01	46.89	48.34	51.35	53.09	51.84	52.96	52.33	52.67	51.87	51.55
8	48.55	47.92	47.35	47.82	51.30	52.57	52.35	53.08	51.44	51.78	51.55	51.48
9	47.68	48.77	---	47.73	52.28	52.07	52.61	52.02	52.25	51.72	51.49	50.95
10	48.51	48.78	48.08	47.93	52.57	52.01	52.65	52.64	52.29	51.68	51.91	50.82
11	48.11	48.21	47.83	47.89	51.83	51.86	52.62	53.46	51.70	50.34	50.94	51.53
12	47.84	48.08	48.03	47.88	52.03	51.74	52.48	52.89	51.32	51.39	50.91	51.05
13	47.82	47.99	46.91	48.39	51.31	51.92	52.37	52.02	52.18	52.05	51.02	50.97
14	47.98	47.78	47.55	51.16	51.46	51.81	52.42	51.98	52.08	51.99	51.42	50.53
15	48.03	47.76	47.40	48.45	52.05	52.55	53.16	52.09	51.13	51.45	49.26	51.73
16	47.90	47.95	47.02	50.78	52.31	52.48	53.35	52.21	52.44	51.72	51.61	51.11
17	48.17	48.22	47.00	50.08	52.08	51.60	52.83	51.60	52.72	51.85	51.53	51.62
18	48.94	48.18	47.18	49.60	51.29	52.01	51.96	52.99	52.68	53.36	51.19	51.12
19	47.96	47.73	47.69	50.84	51.69	52.25	52.13	53.50	52.76	53.44	52.55	50.90
20	47.87	47.76	47.59	51.70	51.78	52.05	52.37	52.60	52.44	51.57	52.62	51.39
21	47.95	47.76	47.72	51.64	52.11	52.17	52.13	52.64	52.45	52.33	52.41	51.41
22	47.97	47.51	48.36	51.26	53.22	52.46	51.60	52.44	52.92	52.28	51.26	52.44
23	48.05	47.23	47.71	50.88	53.61	52.92	50.55	52.86	53.23	52.31	51.56	51.24
24	48.18	46.48	47.54	50.63	52.27	53.45	51.40	52.50	52.65	52.68	50.83	50.28
25	48.19	47.56	47.51	50.40	51.18	53.84	53.30	52.28	52.32	51.35	51.55	51.78
26	47.89	47.74	47.62	51.63	51.00	52.33	52.81	52.42	52.26	51.88	51.49	52.22
27	47.94	47.79	47.70	52.28	51.43	52.40	52.01	52.54	51.60	51.55	52.15	51.50
28	48.08	47.71	47.89	51.37	51.92	52.82	52.77	52.46	51.28	52.26	52.31	51.44
29	48.05	47.93	47.32	51.17	---	52.54	53.42	51.85	51.51	51.23	52.02	51.70
30	48.17	47.66	47.48	51.55	---	52.40	53.07	52.89	51.58	51.13	51.99	52.12
31	48.05	---	47.41	51.59	---	52.43	---	52.37	---	52.17	51.59	---
MEAN	48.25	47.90	47.44	49.90	51.81	52.42	52.34	52.59	52.10	51.94	51.62	51.39
MAX	50.03	48.78	48.36	52.28	53.61	53.84	53.42	54.05	53.23	53.44	52.62	52.44
MIN	47.68	46.48	46.71	47.55	51.00	51.60	50.55	51.60	51.13	50.34	49.26	50.28

CAL YR 1988 TOTAL 18151.84 MEAN 49.73 MAX 53.40 MIN 46.48
WTR YR 1989 TOTAL 18494.06 MEAN 50.81 MAX 54.05 MIN 46.48

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

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

DRAINAGE AREA.--21.0 mi^2.

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

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

REMARKS.--Records good, except for estimated daily discharges: Dec. 10 - 13, which are fair.

AVERAGE DISCHARGES.--9 years, 49.1 ft^3/s, 31.75 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,190 ft^3/s gage height, 11.21 ft, Jun. 11, 1986; minimum, 8.9 ft^3/s, gage height, 1.93 ft, Oct 7, 8, 1981; minimum daily discharge, 10 ft^3/s, Oct. 3, 8, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 633 ft^3/s, June 16, gage height, 4.95 ft; minimum, 13 ft^3/s, Oct. 1, 2, gage height, 1.91 ft; minimum daily discharge, 13 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	18	26	62	26	78	51	169	36	73	74	38
2	71	15	25	47	27	62	49	102	36	71	65	37
3	120	14	24	40	26	62	50	68	34	235	57	35
4	55	17	25	35	25	57	54	61	33	196	53	34
5	33	51	24	32	33	98	58	157	39	143	50	34
6	26	23	23	38	31	133	50	141	40	124	51	55
7	23	19	22	33	31	102	68	95	36	116	48	44
8	22	18	21	36	27	79	71	80	55	106	45	38
9	20	17	20	36	25	69	67	88	189	93	44	36
10	19	17	20	42	25	64	60	90	82	86	43	34
11	18	17	20	56	25	59	56	75	60	81	43	33
12	17	16	20	70	24	55	53	69	54	78	53	32
13	15	17	20	63	24	50	50	63	54	92	44	34
14	16	16	20	55	24	48	48	61	50	76	46	33
15	16	16	20	62	24	48	53	67	79	71	46	48
16	16	33	19	52	23	52	47	57	231	73	42	50
17	16	24	19	46	31	44	45	54	155	62	42	36
18	15	20	18	43	32	44	43	52	99	73	64	33
19	16	24	19	40	28	41	43	51	175	67	53	31
20	15	55	19	38	36	44	41	52	172	68	43	31
21	18	31	19	35	91	51	40	48	258	85	40	33
22	16	28	18	34	66	51	39	51	262	75	39	85
23	15	28	28	33	48	102	39	71	166	70	44	47
24	15	24	42	33	40	124	39	49	132	68	44	38
25	14	24	40	31	37	84	37	47	113	70	40	88
26	15	58	28	30	36	69	35	44	101	72	43	118
27	15	38	26	29	61	62	35	42	92	67	41	68
28	15	33	32	29	122	58	35	39	91	62	79	57
29	15	29	27	29	---	55	44	39	82	59	50	78
30	14	28	35	28	---	64	36	38	81	57	44	121
31	16	---	59	27	---	56	---	37	---	73	40	---
TOTAL	730	768	778	1264	1048	2065	1436	2157	3087	2742	1510	1479
MEAN	23.5	25.6	25.1	40.8	37.4	66.6	47.9	69.6	103	88.5	48.7	49.3
MAX	120	58	59	70	122	133	71	169	262	235	79	121
MIN	13	14	18	27	23	41	35	37	33	57	39	31

CAL YR 1988 TOTAL 11907 MEAN 32.5 MAX 361 MIN 12
WTR YR 1989 TOTAL 19064 MEAN 52.2 MAX 262 MIN 13

02163500 SALUDA RIVER NEAR WARE SHOALS, SC

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

DRAINAGE AREA.--581 mi^2.

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

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

REMARKS.--Records good, except those below 150 ft^3/s, which are poor. Some regulation at low and medium flow by powerplants upstream. Capacity of reservoirs insufficient to affect monthly figures of runoff. About 55.1 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.--51 years, 987 ft^3/s, 23.07 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, less than 3.0 ft^3/s, Aug. 4, 8, 1986 (revised); minimum daily, 11 ft^3/s, Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 24	0400	*3620	* 7.94

Minimum daily, 44 ft^3/s, Oct. 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	270	355	520	817	329	2360	777	739	524	919	921	743
2	159	311	512	883	458	1660	557	1130	509	789	986	533
3	395	292	410	836	380	1280	745	1530	535	799	989	547
4	1020	281	393	653	294	835	717	937	385	1660	803	617
5	1270	336	556	551	319	1140	903	942	579	2740	619	704
6	715	614	436	520	477	1100	768	944	432	2170	657	538
7	557	508	360	516	468	1320	955	1540	607	1460	601	434
8	300	295	296	437	463	1150	876	1330	598	1210	647	335
9	264	416	201	253	462	1030	1090	1050	613	1140	716	492
10	259	361	321	564	443	799	966	1260	797	1170	599	578
11	259	284	301	402	290	691	903	1370	933	958	484	600
12	270	242	341	406	312	691	556	955	632	1000	481	665
13	242	384	298	780	494	693	342	963	597	749	456	489
14	127	352	378	755	299	469	715	728	629	724	646	479
15	44	322	272	750	334	620	794	882	822	928	702	395
16	101	179	305	678	318	603	791	818	797	1680	576	537
17	242	492	318	662	453	627	731	723	1270	1490	825	497
18	251	281	322	674	264	602	714	678	1910	909	753	551
19	340	404	292	424	359	550	659	744	1470	619	655	650
20	261	359	361	511	705	612	559	658	1480	893	504	477
21	337	478	304	648	978	660	683	640	2690	830	651	489
22	325	347	252	362	1040	831	484	661	2560	692	599	559
23	284	434	241	362	960	1500	315	656	2640	1250	570	888
24	259	372	265	579	737	3290	633	787	2060	1060	589	460
25	302	349	330	102	511	2460	548	879	1560	741	642	431
26	195	368	366	605	516	1770	503	782	1260	884	583	718
27	316	370	381	403	647	1250	482	670	1180	711	759	1230
28	235	1350	396	386	1470	1020	587	544	807	689	1120	1100
29	203	979	352	304	---	1090	480	576	957	795	598	495
30	259	768	368	515	---	705	535	608	998	727	950	791
31	243	---	375	292	---	726	---	520	---	828	815	---
TOTAL	10304	12883	10823	16630	14780	34134	20368	27244	32831	33214	21496	18022
MEAN	332	429	349	536	528	1101	679	879	1094	1071	693	601
MAX	1270	1350	556	883	1470	3290	1090	1540	2690	2740	1120	1230
MIN	44	179	201	102	264	469	315	520	385	619	456	335

CAL YR 1988 TOTAL 159425 MEAN 436 MAX 3130 MIN 44
WTR YR 1989 TOTAL 252729 MEAN 692 MAX 3290 MIN 44

02164000 REEDY RIVER NEAR GREENVILLE, SC

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

DRAINAGE AREA.--48.6 mi^2.

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

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 800 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--32 years (1941 - 71, 1988 - 89), 81.1 ft^3/s, 22.67 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,050 ft^3/s, Mar. 6, 1963, gage height, 10.12 ft; minimum, 4.6 ft^3/s, Oct. 11, 1966, gage height, 0.56 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*)

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Aug. 26	2000	*1760	* 6.09				

Minimum, 15 ft^3/s, Oct. 1, gage height, 0.64 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	40	41	159	29	129	50	169	26	35	67	30
2	232	23	37	78	29	81	47	100	26	34	48	29
3	154	20	36	61	29	93	55	47	25	300	33	27
4	75	104	40	47	29	77	159	42	27	326	30	27
5	41	372	34	42	52	120	109	131	117	92	29	26
6	29	68	32	72	39	96	61	96	58	72	28	50
7	26	40	32	50	72	66	104	52	43	66	31	32
8	25	32	32	47	36	56	114	44	54	48	26	28
9	23	29	34	44	32	50	96	126	77	42	26	27
10	22	28	32	52	30	47	67	106	37	39	24	26
11	22	28	32	70	30	45	62	56	30	37	24	52
12	21	26	31	92	30	44	55	48	30	35	23	29
13	20	26	30	95	30	43	50	43	33	69	25	46
14	20	25	30	62	29	42	48	42	28	51	124	29
15	20	24	30	68	29	42	100	55	64	40	88	29
16	20	26	30	49	29	44	57	39	307	39	157	59
17	20	100	30	43	47	41	48	35	109	35	81	30
18	21	33	30	39	93	42	45	34	49	34	38	25
19	41	29	30	38	62	41	64	33	181	33	33	22
20	20	41	29	36	154	113	45	46	223	39	31	22
21	63	34	29	33	177	70	41	36	366	39	29	25
22	28	31	29	32	87	130	40	33	261	57	26	206
23	22	56	50	32	59	587	40	125	98	35	25	45
24	21	41	48	33	47	364	40	42	64	32	25	31
25	19	34	38	32	41	120	40	35	54	32	27	135
26	20	33	33	30	40	85	37	33	45	44	364	242
27	20	230	31	30	248	70	36	31	41	37	176	57
28	20	120	32	30	515	62	35	30	51	32	46	40
29	20	55	31	30	---	57	65	29	40	28	72	46
30	20	45	113	30	---	66	40	29	37	59	44	259
31	36	---	195	34	---	56	---	27	---	168	35	---
TOTAL	1157	1793	1281	1590	2124	2979	1850	1794	2601	2029	1835	1731
MEAN	37.3	59.8	41.3	51.3	75.9	96.1	61.7	57.9	86.7	65.5	59.2	57.7
MAX	232	372	195	159	515	587	159	169	366	326	364	259
MIN	16	20	29	30	29	41	35	27	25	28	23	22

CAL YR 1988 TOTAL 16526 MEAN 45.2 MAX 624 MIN 10
WTR YR 1989 TOTAL 22764 MEAN 62.4 MAX 587 MIN 16

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'10'', Laurens County, Hydrologic Unit 03050109, on downstream side of State Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 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.--Estimated daily discharges: Sept. 5 - 7. Records poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

AVERAGE DISCHARGE.--50 years, 346 ft^3/s, 19.91 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.--Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 25	0330	*2290	*8.86

Minimum discharge, 17 ft^3/s, Aug. 14, minimum daily, 24 ft^3/s, June 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	124	202	524	156	1730	236	258	70	114	307	428
2	97	137	187	456	155	831	206	770	79	98	494	172
3	515	128	177	225	154	538	216	625	96	90	524	357
4	280	123	173	194	152	494	203	368	97	305	286	475
5	173	135	172	180	154	598	451	277	69	708	198	160
6	135	387	170	176	163	675	672	660	24	342	78	130
7	122	162	172	196	174	638	477	604	84	159	94	110
8	111	141	164	185	208	399	292	369	104	70	226	113
9	105	136	157	172	167	313	512	301	104	114	172	149
10	100	135	159	172	158	279	467	690	104	91	59	78
11	96	134	159	174	156	264	389	810	93	78	67	77
12	98	133	156	176	154	252	360	455	51	102	119	80
13	98	132	156	220	150	214	221	283	54	101	159	149
14	96	130	158	218	149	269	225	280	79	53	63	168
15	96	130	162	194	159	264	319	278	99	220	64	106
16	95	132	170	189	134	266	409	272	92	409	132	147
17	94	134	171	179	151	237	470	270	1050	526	216	77
18	92	160	170	172	157	196	354	264	968	157	213	108
19	101	151	164	169	203	133	210	205	448	116	160	132
20	123	149	153	169	208	223	240	140	705	145	75	67
21	123	147	156	167	675	230	264	208	1310	418	152	97
22	132	152	158	166	818	317	238	32	1680	386	368	161
23	136	152	158	162	424	1160	212	67	1480	244	442	227
24	120	157	163	159	254	1930	204	89	549	139	147	188
25	108	164	170	161	206	1800	205	75	323	284	164	172
26	111	152	164	160	196	707	165	70	110	302	377	199
27	112	158	159	160	192	617	130	69	105	144	827	614
28	112	631	161	158	1150	471	218	67	108	139	1270	228
29	113	829	161	155	---	321	159	65	90	197	641	188
30	111	249	164	155	---	399	282	65	73	65	294	174
31	115	---	203	148	---	364	---	67	---	131	402	---
TOTAL	4013	5784	5169	6091	7177	17129	9006	9053	10298	6447	8790	5531
MEAN	129	193	167	196	256	553	300	292	343	208	284	184
MAX	515	829	203	524	1150	1930	672	810	1680	708	1270	614
MIN	92	123	153	148	134	133	130	32	24	53	59	67

CAL YR 1988 TOTAL 76788 MEAN 210 MAX 1630 MIN 61
WTR YR 1989 TOTAL 94488 MEAN 259 MAX 1930 MIN 24

02166500 LAKE GREENWOOD NEAR CHAPPELLS, SC

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

DRAINAGE AREA.--1,170 mi^2.

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 ft^3 between elevations 420.0 ft (limit of drawdown) and 440.0 ft (normal operating level) NGVD. Dead storage is about 3,500,000,000 ft^3. Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft and elevation of top of 1.5 ft flashboards on top of spillway gages is 441.5 ft NGVD. Water is used for generation of power.

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 439.94 ft, July 17; minimum, 434.52 ft, Feb. 27.

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

433.0 ft	4.51 ft^3	438.0 ft	6.72 ft^3
434.0 ft	4.94 ft^3	439.0 ft	7.18 ft^3
435.0 ft	5.38 ft^3	440.0 ft	7.64 ft^3
436.0 ft	5.82 ft^3	441.0 ft	8.10 ft^3
437.0 ft	6.27 ft^3	442.0 ft	8.56 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	438.50	438.50	436.97	435.64	435.42	436.89	438.19	438.99	439.02	439.07	439.03
2	---	438.51	438.40	436.93	435.62	435.49	436.48	438.15	439.01	439.01	439.06	439.01
3	---	438.54	438.36	436.94	435.62	435.44	436.52	438.37	439.04	438.96	439.01	439.01
4	---	438.47	438.32	436.82	435.50	435.20	436.61	438.34	439.02	439.01	439.01	438.95
5	---	438.53	438.31	436.82	435.47	435.28	436.59	438.54	439.03	438.83	439.02	438.90
6	---	438.53	438.20	436.73	435.52	435.35	436.61	438.50	439.01	438.78	439.05	438.87
7	---	438.53	438.19	436.71	435.42	435.25	436.72	438.56	439.03	438.30	439.01	438.88
8	---	438.52	438.09	436.71	435.41	434.88	436.81	438.60	439.02	438.51	439.04	438.89
9	---	438.49	438.08	436.62	435.31	435.04	436.88	438.67	439.03	438.72	439.02	438.81
10	---	438.54	438.04	436.58	435.31	435.13	436.87	438.70	439.07	438.90	439.02	438.82
11	---	438.51	437.94	436.53	435.27	435.11	437.04	438.80	439.00	438.91	439.03	438.80
12	---	438.51	437.94	436.54	435.23	435.22	437.08	438.81	439.01	438.99	439.01	438.81
13	---	438.52	437.86	436.48	435.23	435.30	437.06	438.91	439.03	438.99	439.00	438.82
14	---	438.55	437.81	436.45	435.11	435.30	437.21	438.94	438.98	439.00	438.98	438.69
15	---	438.52	437.84	436.36	435.07	435.38	437.66	439.05	439.01	438.97	439.05	438.80
16	---	438.58	437.73	436.32	435.05	435.46	437.47	439.01	439.01	439.01	438.99	438.68
17	---	438.50	437.65	436.30	434.99	435.48	437.38	439.01	439.06	439.89	439.03	438.73
18	---	438.50	437.63	436.25	434.94	435.53	437.40	438.98	439.04	439.33	439.03	438.72
19	---	438.55	437.57	436.18	434.94	435.62	437.47	439.01	439.06	439.01	439.00	438.71
20	---	438.55	437.50	436.20	434.91	435.70	437.49	439.00	439.01	439.03	438.99	438.71
21	---	438.50	437.48	436.14	434.99	435.80	437.64	438.99	438.98	439.02	439.02	438.57
22	---	438.50	437.42	436.06	434.90	435.79	437.61	439.03	438.94	439.03	439.01	438.10
23	---	438.49	437.39	436.02	434.74	436.74	437.65	438.99	438.99	439.01	439.01	438.29
24	---	438.51	437.37	436.03	434.74	437.79	437.83	439.03	438.98	439.01	439.03	438.34
25	---	438.51	437.30	435.90	434.66	438.33	437.82	439.06	439.02	438.98	439.01	438.46
26	---	438.49	437.26	435.97	434.60	438.40	437.86	439.01	438.90	439.03	439.10	438.54
27	---	438.57	437.19	435.85	434.63	438.27	437.92	438.99	439.00	438.96	439.02	438.66
28	---	438.53	437.17	435.83	434.97	438.04	437.98	439.01	439.05	439.07	439.03	438.50
29	---	438.52	437.09	435.74	---	437.80	438.05	439.03	439.00	438.99	438.98	438.53
30	---	438.48	437.07	435.76	---	437.55	438.06	439.06	439.04	439.05	439.01	438.54
31	438.51	---	437.02	435.65	---	437.25	---	439.04	---	439.08	438.99	---
MAX	---	438.58	438.50	436.97	435.64	438.40	438.06	439.06	439.07	439.89	439.10	439.03
MIN	---	438.47	437.02	435.65	434.60	434.88	436.48	438.15	438.90	438.30	438.98	438.10
[+]	6.95	6.94	6.28	5.67	5.37	6.38	6.75	7.20	7.20	7.22	7.18	6.97
[*]	0	-4	-246	-228	-124	377	143	168	0	7	-15	-81

CAL YR 1988 * .32 MAX 438.73 MIN 431.93
WAT YR 1989 * .63 MAX 439.89 MIN 434.60

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

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS, SC

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

DRAINAGE.--1,170 mi^2.

PERIOD OF RECORD.--October 1986 to current year. Records for May 1977 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 370 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.32 ft, Mar. 2, 1987; minimum, 5.00 ft, Sept. 26, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.61 ft, July 17; minimum, 5.00 ft, Sept. 26.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.38	5.44	6.17	11.44	5.56	6.62	11.56	5.64	7.50	11.79	5.58	9.59
2	11.40	5.44	6.16	11.45	5.62	6.64	11.72	5.60	8.27	11.80	5.94	9.60
3	11.81	5.46	8.23	11.43	5.55	6.25	11.63	5.59	7.51	11.75	5.77	9.76
4	11.99	6.35	10.46	11.60	5.53	6.82	11.63	5.58	7.47	11.78	5.95	8.56
5	11.74	6.00	8.32	11.56	5.53	6.63	11.67	5.55	7.22	11.72	5.71	7.63
6	11.70	5.77	9.01	11.76	5.53	8.13	11.71	5.54	8.03	11.70	5.68	8.53
7	11.62	5.52	7.10	11.68	5.55	7.30	11.62	5.53	7.00	11.70	5.67	7.93
8	11.41	5.49	6.23	11.58	5.52	6.68	11.68	5.53	7.70	11.24	5.07	7.20
9	11.44	5.46	6.29	11.62	5.51	7.01	11.54	5.51	6.67	11.29	5.62	7.87
10	11.39	5.44	6.19	11.41	5.51	6.59	11.62	5.54	7.29	11.28	5.64	7.75
11	11.28	5.43	6.37	11.57	5.51	6.74	11.66	5.53	7.58	11.31	5.06	7.66
12	11.10	5.47	6.45	11.43	5.53	6.23	11.55	5.52	6.59	11.24	5.07	7.14
13	11.00	5.47	6.31	11.51	5.52	6.51	11.64	5.52	7.44	11.33	5.07	8.80
14	11.40	5.44	6.18	11.40	5.52	6.23	11.60	5.52	6.87	11.73	5.07	8.62
15	11.42	5.42	6.19	11.53	5.51	6.53	11.52	5.52	6.57	11.70	5.07	9.06
16	11.39	5.43	6.15	11.54	5.52	6.59	11.51	5.51	7.53	11.70	5.70	8.56
17	11.37	5.46	6.20	11.76	5.58	7.97	11.58	5.50	7.53	11.68	5.65	8.04
18	9.02	5.45	6.46	11.64	5.79	6.82	11.59	5.54	6.82	11.67	5.63	8.28
19	11.40	5.47	6.22	11.47	5.64	6.37	11.62	5.53	7.13	11.66	5.61	7.76
20	11.40	5.49	6.22	11.62	5.58	6.85	11.70	5.52	7.47	9.35	5.60	7.76
21	11.43	5.50	6.24	11.65	5.55	7.17	11.57	5.54	6.81	11.68	5.60	7.99
22	11.42	5.50	6.22	11.52	5.51	6.52	11.62	5.51	7.18	11.67	5.57	7.85
23	11.43	5.51	6.24	11.69	5.51	7.72	11.57	5.50	6.73	11.59	5.56	7.14
24	11.41	5.49	6.22	11.49	5.58	6.52	11.62	5.51	7.05	11.60	5.55	7.21
25	11.42	5.49	6.22	11.58	5.64	6.79	11.60	5.51	7.53	11.62	5.55	7.70
26	11.42	5.50	6.23	11.57	5.60	6.73	11.62	5.50	7.15	11.53	5.55	6.73
27	11.38	5.49	6.21	11.67	5.59	7.23	11.65	5.49	7.43	11.64	5.56	8.31
28	11.44	5.49	6.20	11.94	5.63	10.47	11.52	5.50	7.33	11.60	5.56	7.14
29	11.42	5.50	6.22	11.83	5.86	9.53	11.67	5.52	7.49	11.61	5.55	7.46
30	11.42	5.48	6.23	11.73	5.72	8.70	11.62	5.52	7.08	11.60	5.54	7.25
31	11.53	5.48	7.20	---	---	---	11.66	5.53	7.84	11.63	5.54	7.48
MONTH	11.99	5.42	6.66	11.94	5.51	7.10	11.72	5.49	7.28	11.80	5.06	8.01

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.58	5.55	6.95	12.02	11.84	11.94	11.68	11.62	11.65	13.75	5.70	9.37
2	11.61	5.54	7.26	11.88	11.74	11.81	11.67	11.60	11.62	14.49	6.95	12.76
3	11.60	5.55	7.08	11.91	11.72	11.80	11.59	5.68	8.02	12.00	6.36	9.28
4	11.62	5.55	7.66	11.91	11.77	11.83	11.57	5.66	7.71	11.79	6.02	9.62
5	11.64	5.54	7.60	11.79	11.05	11.65	11.58	5.68	8.79	11.80	5.91	8.20
6	11.51	5.59	6.65	12.13	7.18	11.53	11.56	5.73	8.77	11.83	6.06	10.50
7	11.67	5.17	8.39	13.93	11.95	12.53	11.56	5.67	8.39	11.75	6.08	9.94
8	11.64	5.64	7.49	13.85	9.18	13.06	11.61	5.70	8.53	11.72	5.82	9.35
9	11.64	5.60	7.96	11.60	5.98	8.17	11.85	5.93	9.78	11.82	5.80	10.00
10	11.57	5.57	6.89	11.54	5.86	8.02	11.77	6.21	9.76	12.03	11.81	11.95
11	11.59	5.57	7.21	13.60	5.81	8.36	11.55	6.04	7.80	11.96	6.35	10.20
12	11.51	5.55	6.92	11.51	5.79	7.47	11.64	5.85	7.77	11.68	6.01	9.21
13	11.57	5.54	7.16	11.50	5.74	7.12	12.76	5.83	7.73	11.59	5.88	7.94
14	11.63	5.53	7.74	11.41	5.68	7.63	12.90	5.80	6.48	11.67	5.82	8.36
15	11.56	5.54	7.18	11.53	5.67	7.30	14.02	5.79	11.04	11.68	5.81	7.72
16	11.52	5.55	6.80	11.52	5.65	7.22	14.09	12.73	13.63	11.71	5.87	8.75
17	11.59	5.54	7.45	11.57	5.63	7.60	12.70	9.09	10.74	11.71	5.80	7.75
18	11.57	5.53	7.34	11.54	5.62	7.33	11.69	6.05	8.91	11.66	5.76	8.20
19	11.57	5.54	7.04	11.29	5.60	6.28	11.66	5.95	7.96	11.62	5.72	7.54
20	11.63	5.57	8.30	11.53	5.59	7.19	11.73	5.95	7.71	11.62	5.71	7.56
21	12.22	5.59	10.25	11.50	5.59	7.21	13.14	5.87	6.83	11.62	5.70	7.55
22	12.31	12.00	12.21	11.68	5.65	9.61	11.62	5.82	8.08	11.49	5.69	6.99
23	12.00	7.69	11.76	13.69	6.07	11.06	11.29	5.77	6.44	11.58	5.69	7.62
24	11.78	6.06	8.83	14.91	13.11	14.42	11.31	5.74	6.42	11.56	5.69	7.48
25	11.74	5.97	8.64	14.50	12.14	13.14	13.46	5.74	7.51	11.57	5.67	7.63
26	11.67	5.92	8.71	12.14	11.79	11.90	11.46	5.72	7.06	11.58	5.65	7.95
27	11.65	5.83	8.32	11.81	11.72	11.76	11.30	5.70	6.35	11.56	5.65	7.77
28	12.02	5.85	10.33	11.75	11.67	11.71	11.35	5.69	6.55	11.53	5.62	6.61
29	---	---	---	11.71	11.65	11.68	13.35	5.70	7.20	11.39	5.61	6.55
30	---	---	---	11.68	11.63	11.66	11.55	5.68	7.71	12.95	5.60	6.74
31	---	---	---	11.69	11.63	11.66	---	---	---	13.26	5.61	6.93
MONTH	12.31	5.17	8.08	14.91	5.59	10.05	14.09	5.66	8.43	14.49	5.60	8.52
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.34	5.61	7.32	13.62	5.63	8.13	13.43	5.68	8.86	13.36	5.65	7.31
2	11.43	5.62	6.73	11.55	5.59	7.56	13.75	5.92	8.71	11.56	5.63	6.95
3	13.18	5.62	6.76	13.93	5.58	9.11	13.70	5.82	8.91	11.55	5.60	6.71
4	11.36	5.62	6.87	14.65	6.28	11.12	13.53	5.76	7.93	13.34	5.58	7.89
5	11.42	5.60	7.16	14.74	14.03	14.59	11.64	5.47	7.44	11.72	5.06	7.55
6	11.57	5.61	6.76	14.15	6.06	11.96	13.30	5.07	7.04	11.70	5.01	7.23
7	11.52	5.70	7.02	13.89	13.83	13.86	11.71	5.70	7.35	11.41	5.03	6.07
8	11.57	5.65	7.49	13.84	5.07	6.84	11.68	5.77	7.11	12.67	5.62	6.26
9	11.57	5.07	7.56	12.94	5.07	6.37	11.73	5.72	7.56	13.38	5.63	7.80
10	11.55	5.67	7.37	11.22	5.68	6.51	11.63	5.70	7.05	11.64	5.60	6.96
11	11.59	5.63	8.35	12.50	5.67	7.91	11.51	5.70	6.37	11.50	5.58	7.22
12	11.47	5.60	6.92	11.51	5.65	7.24	11.66	5.70	6.96	11.38	5.56	7.12
13	11.41	5.59	6.51	12.06	5.65	8.07	13.30	5.69	7.03	11.48	5.60	6.70
14	13.36	5.58	7.15	11.44	5.84	7.24	13.58	5.67	7.95	13.43	5.59	8.24
15	11.58	5.63	7.58	13.39	5.73	8.25	11.42	5.79	6.75	11.39	5.59	6.35
16	13.65	5.63	8.27	14.16	6.31	11.02	11.68	5.78	7.61	11.68	5.59	8.33
17	13.75	5.75	8.95	19.61	6.67	16.65	11.59	5.03	7.42	11.48	5.65	6.53
18	13.76	5.85	10.51	19.28	15.03	16.95	13.48	5.07	8.01	11.59	5.59	6.72
19	13.75	5.69	9.23	15.00	6.31	12.14	13.61	5.03	7.76	12.09	5.56	7.32
20	13.81	5.68	10.40	14.34	6.32	9.17	11.56	5.74	6.89	11.51	5.57	6.68
21	13.93	13.79	13.86	15.10	7.25	10.76	13.17	5.70	6.83	13.44	5.03	8.84
22	13.91	13.80	13.85	14.19	6.55	9.22	13.34	5.68	7.14	13.51	6.23	11.92
23	13.81	6.21	12.61	13.62	6.24	9.39	13.33	5.65	7.13	11.43	5.88	6.66
24	13.77	5.67	11.38	13.81	6.00	8.57	13.17	5.63	6.79	11.39	5.67	6.42
25	13.72	5.69	9.54	11.66	5.91	8.16	11.62	5.73	7.35	9.23	5.05	6.40
26	13.74	5.69	9.78	13.49	5.86	7.84	11.50	5.70	6.77	11.82	5.00	7.25
27	13.16	5.63	7.37	13.51	5.80	8.19	11.73	5.68	8.58	11.72	5.80	8.14
28	11.69	5.63	7.75	11.50	5.07	6.46	13.67	5.80	8.98	11.76	5.67	10.41
29	11.71	5.62	8.51	13.61	5.75	8.32	11.75	5.07	8.44	11.70	5.05	7.24
30	11.65	5.60	7.19	11.71	5.70	7.33	11.55	5.07	7.43	11.72	5.03	8.44
31	---	---	---	11.67	5.68	7.06	11.65	5.06	7.73	---	---	---
MONTH	13.93	5.07	8.56	19.61	5.07	9.42	13.75	5.03	7.54	13.51	5.00	7.46
YEAR	19.61	5.00	8.09									

02166970 NINETY-SIX CREEK NEAR NINETY-SIX, SC

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

DRAINAGE AREA.--17.4 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.--Estimated daily discharges: June 28 to Aug. 17. Records poor.

AVERAGE DISCHARGE.--9 years, 15.5 ft^3/s, 12.10 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,210 ft^3/s, July 17, 1989, gage height, 11.07 ft; minimum, 0.05 ft^3/s, Oct. 8, 18, 19, 20, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1210 ft^3/s, July 17, gage height, 11.07; minimum, 0.26 ft^3/s, Oct. 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.36	4.6	4.2	5.9	2.3	25	4.4	16	2.7	2.0	1.7	2.7
2	.45	3.1	3.6	4.5	2.3	9.1	4.0	41	2.5	1.9	1.4	2.5
3	31	2.1	3.5	6.1	2.1	40	3.9	9.2	2.4	1.8	1.1	2.6
4	49	1.5	3.1	7.8	2.0	19	4.0	6.4	2.3	5.0	1.0	2.8
5	3.9	5.8	3.0	4.3	3.5	9.8	4.9	7.2	2.3	8.0	1.4	2.6
6	1.5	9.5	2.7	4.1	7.4	143	4.7	8.6	2.8	6.0	1.1	3.3
7	.95	5.4	1.4	5.0	6.1	57	5.6	6.3	3.1	4.5	.95	3.2
8	.80	4.0	2.0	4.4	5.6	11	13	5.3	2.7	4.0	.85	3.0
9	.66	3.8	2.4	4.6	3.3	6.6	46	20	3.2	3.0	.80	2.8
10	.61	3.6	2.3	9.0	2.2	4.8	24	40	2.7	2.0	.85	2.8
11	.55	2.9	2.2	7.4	2.1	3.9	22	13	2.4	1.8	.95	2.6
12	.48	2.8	2.2	5.5	1.8	3.5	11	8.1	2.3	1.7	1.3	2.5
13	.40	3.4	2.0	9.6	1.2	3.2	8.3	6.2	2.3	2.1	2.5	2.7
14	.38	3.8	1.9	8.9	1.2	3.0	6.9	5.5	2.7	1.9	6.0	2.5
15	.42	4.5	1.9	6.6	1.1	2.8	460	6.1	2.4	6.0	3.5	2.4
16	.36	4.5	1.8	6.2	.89	2.5	115	5.2	4.4	60	2.5	3.7
17	.32	6.1	2.0	5.4	.80	2.3	18	4.6	5.4	500	4.7	2.8
18	.34	6.5	2.1	4.9	1.1	2.3	11	4.3	3.4	200	7.9	2.4
19	.42	6.4	2.3	4.7	1.7	2.2	8.9	4.2	2.8	20	9.2	2.3
20	.44	6.1	2.2	4.4	3.0	2.3	9.2	4.3	3.6	2.0	5.2	2.4
21	.54	6.2	2.3	4.0	165	3.1	8.0	4.2	8.1	10	4.4	3.0
22	.69	6.0	2.6	3.5	111	7.3	7.7	3.9	5.9	20	4.1	11
23	.62	8.3	2.8	3.5	17	400	6.5	4.0	5.8	4.5	3.7	5.0
24	.69	13	2.8	3.7	17	233	6.3	3.7	3.7	3.0	3.5	3.2
25	.70	7.5	2.9	3.6	18	21	5.7	3.4	3.2	2.0	3.5	3.2
26	.78	6.2	2.8	3.5	12	9.9	5.3	3.3	2.7	1.6	3.4	9.7
27	.86	6.2	2.6	4.5	7.3	6.9	5.0	3.1	2.5	1.5	3.4	5.4
28	.85	32	2.6	4.0	66	5.8	4.8	2.9	2.3	1.3	3.2	3.7
29	.90	7.9	2.7	3.5	---	5.1	5.0	2.8	2.2	1.1	3.1	3.4
30	1.0	5.1	2.5	3.3	---	5.5	4.9	2.8	2.1	1.0	2.9	5.3
31	1.5	---	3.2	2.9	---	5.5	---	2.8	---	1.2	2.9	---
TOTAL	102.47	188.8	78.6	159.3	464.99	1056.4	844.0	258.4	96.9	880.9	93.00	107.5
MEAN	3.31	6.29	2.54	5.14	16.6	34.1	28.1	8.34	3.23	28.4	3.00	3.58
MAX	49	32	4.2	9.6	165	400	460	41	8.1	500	9.2	11
MIN	.32	1.5	1.4	2.9	.80	2.2	3.9	2.8	2.1	1.0	.80	2.3

CAL YR 1988 TOTAL 1907.22 MEAN 5.21 MAX 143 MIN .21
WTR YR 1989 TOTAL 4331.26 MEAN 11.9 MAX 500 MIN .32

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 since 1905 are contained in reports of National Weather Service.

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

REMARKS.--No estimated daily discharges. Records fair, except for Jan. 17 - 20, Mar. 8, 9, May 13 -23, which are poor. Flow regulated by Lake Greenwood (see sta. 02166501).

AVERAGE DISCHARGE.--63 years, 1905 ft^3/s, 19.02 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; minimum daily, 8 ft^3/s, Oct. 29, 1939.

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, 7,960 ft^3/s, July 18, gage height, 15.81 ft; minimum, 34 ft^3/s, Oct. 16, gage height, 0.25 ft; minimum daily, 213 ft^3/s, May 28, 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	305	622	1070	1430	666	3190	2860	1370	822	1230	1600	1030
2	273	516	1350	2030	776	3020	2840	4180	584	941	1430	704
3	1000	335	792	1810	756	3020	1580	1900	549	1180	1460	554
4	2360	681	889	1420	948	3070	977	1780	643	2930	1410	915
5	1160	559	848	1190	951	2960	1170	961	654	4930	805	937
6	1520	1130	1090	1280	534	2930	1690	2330	604	3300	775	964
7	986	880	695	1100	1180	3600	1450	2040	605	4220	823	377
8	358	564	963	837	993	3740	1220	2010	838	1270	668	360
9	218	655	539	1090	1110	1380	2060	1710	962	380	685	923
10	448	444	705	1100	676	1540	2100	3240	771	412	804	734
11	353	633	943	1030	757	1390	1100	2290	1330	878	475	741
12	383	360	542	794	661	586	1360	1820	720	942	589	649
13	334	328	822	1430	757	1070	1010	954	471	1090	697	620
14	339	488	638	1480	1000	738	470	1440	752	708	963	1040
15	335	474	490	1580	780	903	3000	861	726	1340	695	594
16	256	485	751	1320	604	885	4660	1610	1330	2660	800	1170
17	399	1010	928	1190	883	957	2930	708	1840	5840	824	479
18	288	644	654	1210	829	828	1700	1370	2170	7060	1170	554
19	315	388	728	998	710	381	1120	846	1790	4300	1060	810
20	403	600	820	798	1230	752	873	945	2080	1610	733	540
21	345	746	611	1150	2030	791	833	896	4260	2600	534	1100
22	229	482	733	1070	3550	1500	1150	736	4260	2320	827	3660
23	456	948	559	778	3130	3150	418	934	3520	1720	786	584
24	352	482	686	779	1900	5160	432	387	3020	1790	558	392
25	338	573	788	967	1450	4370	560	1010	2160	1030	815	371
26	345	540	775	581	1420	3200	967	1230	2030	1160	591	863
27	346	696	851	1220	1190	2980	459	453	695	1180	1350	822
28	251	1890	630	788	2120	2930	447	213	1270	663	1490	2600
29	344	2140	1050	875	---	2890	709	213	1250	1250	1340	786
30	433	1160	702	803	---	2880	1080	389	821	855	715	1350
31	536	---	1000	887	---	2880	---	650	---	663	992	---
TOTAL	16008	21453	24642	35015	33591	69671	43225	41476	43527	62452	28464	27223
MEAN	516	715	795	1130	1200	2247	1441	1338	1451	2015	918	907
MAX	2360	2140	1350	2030	3550	5160	4660	4180	4260	7060	1600	3660
MIN	218	328	490	581	534	381	418	213	471	380	475	360

CAL YR 1988 TOTAL 268390 MEAN 733 MAX 4130 MIN 138
WTR YR 1989 TOTAL 446747 MEAN 1224 MAX 7060 MIN 213

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.4 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi^2, approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 0.64 ft below National Geodetic Vertical Datum of 1929. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 ft^3 between gage heights 300.0 ft (limit of drawdown) and 360.0 ft (maximum normal lake level). Dead storage, 21,800,000,000 ft^3. Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft with top of gates at 362 ft; gage height of other spillway crest, 340 ft with top of gates at 365 ft. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 358.86 ft, May 15, minimum gage height, 351.99 ft, Dec. 19.

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)

350.0 ft	50.77 ft^3
352.0 ft	54.30 ft^3
356.0 ft	61.91 ft^3
358.0 ft	66.00 ft^3
360.0 ft	70.30 ft^3

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	356.49	354.42	354.46	352.35	354.21	356.65	357.19	357.47	356.47	357.81	357.48	355.10
2	356.52	354.36	354.30	352.48	354.24	356.82	357.28	357.66	356.46	357.83	357.47	355.09
3	356.90	354.31	354.26	352.74	354.27	356.95	357.07	357.80	356.44	357.84	357.46	355.04
4	356.99	---	354.15	352.74	354.30	357.11	357.05	357.87	356.46	358.14	357.43	354.99
5	356.87	---	354.06	352.80	354.41	357.18	357.03	357.96	356.43	358.07	357.43	355.09
6	356.75	354.45	353.98	352.77	354.45	357.28	356.68	358.03	356.43	357.95	357.43	355.08
7	356.68	354.34	353.92	352.81	354.49	357.01	356.50	358.07	356.37	357.94	357.43	355.15
8	356.62	354.32	353.95	352.86	354.56	356.86	356.54	358.17	356.45	357.86	357.01	355.07
9	356.50	354.32	353.97	353.06	354.56	356.76	356.66	358.30	356.46	357.87	356.99	354.90
10	356.41	354.30	353.96	353.14	---	356.73	356.61	358.50	356.47	357.52	357.00	354.82
11	356.23	354.29	353.91	353.18	354.54	356.77	356.49	358.60	356.52	357.28	356.99	354.53
12	356.11	354.27	353.43	353.22	354.55	356.74	356.41	358.71	356.53	356.93	357.00	354.36
13	355.93	354.26	352.99	353.36	---	356.80	356.37	358.72	356.44	356.79	357.07	354.33
14	355.76	354.27	352.97	353.50	354.65	356.76	356.38	358.78	356.49	356.77	357.02	354.29
15	355.60	354.25	352.98	353.50	354.67	356.77	357.17	358.66	356.40	356.92	357.12	354.36
16	355.55	354.23	352.61	353.64	354.66	356.83	357.71	358.59	356.53	357.14	357.19	354.45
17	355.43	354.26	352.42	353.73	354.55	356.87	357.97	358.45	356.66	357.40	357.19	354.47
18	355.35	354.26	352.12	353.75	354.64	356.90	358.08	358.28	356.79	357.91	357.22	354.43
19	355.33	354.24	352.06	353.80	354.65	356.92	358.18	358.24	357.04	358.24	357.30	354.45
20	355.25	354.27	352.06	353.84	354.70	356.83	358.21	358.27	357.39	358.37	357.40	354.36
21	355.21	354.26	352.09	353.88	355.30	356.82	358.22	358.29	357.91	358.35	357.24	354.03
22	355.02	354.15	352.11	353.95	355.80	356.60	358.25	357.98	358.25	358.43	356.97	354.04
23	355.02	354.33	352.13	353.97	356.10	356.98	358.27	357.74	358.47	358.57	356.67	354.02
24	354.97	354.38	352.14	353.98	356.07	357.77	358.21	357.70	358.60	358.43	356.47	354.05
25	354.75	354.39	352.19	353.99	356.10	358.13	357.85	357.48	358.66	358.17	356.28	354.05
26	354.67	354.37	352.21	353.95	356.13	358.24	357.56	357.38	358.29	357.98	356.14	354.12
27	354.60	354.46	352.21	354.02	356.24	358.06	357.27	357.44	357.89	357.87	356.22	354.13
28	354.64	354.51	352.21	354.05	356.39	357.82	357.26	357.40	357.77	357.61	355.96	354.24
29	354.59	354.54	352.21	354.08	---	357.66	357.23	357.36	357.76	357.55	355.84	354.34
30	354.55	354.48	352.26	354.18	---	357.36	357.28	357.00	357.79	357.60	355.53	354.45
31	354.41	---	352.30	354.18	---	357.17	---	356.74	---	357.39	355.19	---
MAX	356.99	---	354.46	354.18	---	358.24	358.27	358.78	358.66	358.57	357.48	355.15
MIN	354.41	---	352.06	352.35	---	356.60	356.37	356.74	356.37	356.77	355.19	354.02
[+]	58.80	58.94	58.36	58.36	62.69	64.28	64.51	63.40	65.57	64.74	60.31	58.88
[*]	-1531	54	-1523	1307	1790	594	89	-414	837	-310	-1654	-552

CAL YR 1988 * 50 MAX - 356.99 MIN 351.38
WTR YR 1989 * -127 MAX 358.78 MIN 352.06

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

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'12'', long 81°13'01'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.2 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--1,170 mi^2.

PERIOD OF RECORD.--August 1985 to current year. Data prior to August 1985 are in files of the U. S. Geological Survey.

GAGE.--Water-stage recorder. Elevation is 170 ft above National Geodetic Vertical Datum of 1929 (topographic map).

REMARK.--Regulated by Lake Murray Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 85.67 ft, Sept. 21, 1989; minimum, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 85.67 ft, Sept. 21; minimum, 70.97 ft, Dec. 9.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	72.22	72.18	72.20	82.67	73.12	75.79	79.60	72.60	73.74	71.67	71.57	71.62
2	72.22	72.19	72.20	76.93	72.57	73.76	82.87	72.59	76.14	71.64	71.54	71.61
3	74.97	71.97	72.67	76.86	72.52	74.20	80.21	72.50	74.59	71.66	71.53	71.60
4	81.05	72.78	74.79	76.84	72.13	73.66	78.70	73.12	74.24	79.54	71.56	72.85
5	80.77	72.51	75.86	75.88	71.65	72.50	82.75	72.70	74.85	80.48	72.01	72.91
6	79.71	73.09	75.31	76.21	72.20	73.76	82.63	72.61	74.92	72.03	72.01	72.02
7	79.21	72.93	75.17	75.29	72.17	72.90	80.59	72.76	74.57	72.03	72.01	72.02
8	75.11	72.60	73.70	73.84	71.42	72.50	73.07	70.98	71.14	72.05	71.64	71.98
9	76.19	72.59	73.74	74.50	71.07	72.65	75.30	70.97	71.42	71.96	71.49	71.69
10	80.35	72.94	75.29	74.79	71.78	73.15	75.20	71.46	73.12	71.95	71.93	71.94
11	80.74	71.86	75.67	75.07	71.90	72.45	74.79	72.09	73.17	74.66	71.23	72.35
12	80.46	72.10	74.89	75.11	71.56	72.88	83.12	73.16	80.40	71.23	71.19	71.21
13	80.47	72.80	76.39	74.57	71.77	72.53	83.10	75.22	80.04	71.81	71.20	71.27
14	82.36	73.17	75.88	72.47	71.52	71.63	82.32	72.75	75.11	71.22	71.20	71.21
15	80.68	72.59	75.44	76.19	71.49	73.10	73.19	71.47	71.98	71.22	71.20	71.21
16	76.39	72.62	74.12	76.58	72.00	73.14	82.98	71.95	77.49	71.22	71.19	71.20
17	80.52	72.52	75.00	75.05	72.31	73.07	82.83	73.37	77.83	71.21	71.19	71.20
18	78.40	72.01	74.03	76.43	72.51	73.42	82.80	73.89	76.90	71.20	71.17	71.19
19	75.09	72.04	72.93	74.38	71.85	72.53	82.81	72.18	75.22	75.12	71.17	71.89
20	76.80	72.40	73.88	71.83	71.49	71.58	73.60	71.81	72.03	71.76	71.73	71.75
21	76.22	72.44	73.39	74.85	71.61	73.01	71.81	71.74	71.77	71.77	71.74	71.75
22	82.18	72.94	75.47	75.42	71.81	73.23	71.77	71.72	71.74	71.76	71.74	71.75
23	82.09	72.30	74.61	74.16	72.12	72.69	71.77	71.71	71.74	71.76	71.73	71.75
24	77.71	72.47	74.11	75.14	71.63	72.77	71.77	71.70	71.72	71.76	71.74	71.75
25	82.50	72.48	76.55	73.71	71.78	72.32	71.73	71.69	71.71	73.86	71.62	71.85
26	79.81	72.43	74.36	73.93	71.74	72.27	71.72	71.69	71.70	74.70	71.64	72.13
27	75.62	72.36	73.48	75.05	71.55	72.62	72.57	71.67	71.96	71.98	71.87	71.93
28	74.25	72.06	72.59	74.90	71.71	72.33	72.04	71.59	71.77	71.93	71.84	71.89
29	77.14	72.05	73.39	80.51	71.40	73.28	71.68	71.56	71.63	71.93	71.83	71.89
30	75.98	72.39	73.43	81.22	72.80	75.23	71.68	71.57	71.64	71.90	71.76	71.84
31	83.14	71.93	75.32	---	---	---	71.70	71.61	71.65	72.37	71.68	71.87
MONTH	83.14	71.86	74.38	82.67	71.07	73.03	83.12	70.97	73.80	80.48	71.17	71.78

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, SC--CONTINUED

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	71.71	71.53	71.62	74.96	71.02	72.61	---	---	---	---	---	---
2	71.58	71.51	71.53	75.24	71.42	72.92	---	---	---	---	---	---
3	71.53	71.49	71.51	82.85	71.00	75.29	---	---	---	---	---	---
4	71.52	71.42	71.47	75.58	72.27	72.96	---	---	---	---	---	---
5	71.45	71.42	71.44	76.76	72.68	73.85	---	---	---	---	---	---
6	71.44	71.42	71.43	82.88	72.96	77.18	---	---	---	---	---	---
7	71.45	71.41	71.43	83.01	71.90	79.85	---	---	---	---	---	---
8	71.43	71.41	71.42	83.99	73.75	79.81	---	---	---	---	---	---
9	78.08	71.40	72.01	83.67	73.14	77.12	---	---	---	---	---	---
10	75.84	72.03	72.37	78.71	72.93	74.97	---	---	---	---	---	---
11	72.11	72.01	72.07	75.57	72.46	73.28	---	---	---	---	---	---
12	72.03	71.93	72.01	75.31	72.12	73.22	---	---	---	---	---	---
13	71.95	71.91	71.94	75.90	72.54	73.10	---	---	---	---	---	---
14	71.96	71.93	71.94	76.88	72.67	73.86	---	---	---	---	---	---
15	71.95	71.87	71.93	---	---	---	---	---	---	---	---	---
16	71.88	71.85	71.86	---	---	---	---	---	---	---	---	---
17	81.76	71.82	74.65	---	---	---	---	---	---	---	---	---
18	74.40	72.44	72.71	---	---	---	---	---	---	---	---	---
19	72.50	72.44	72.48	---	---	---	---	---	---	---	---	---
20	72.54	72.47	72.51	---	---	---	---	---	---	---	---	---
21	72.53	71.97	72.18	---	---	---	---	---	---	---	---	---
22	72.46	71.74	71.95	---	---	---	---	---	---	---	---	---
23	72.94	71.73	72.12	---	---	---	---	---	---	---	---	---
24	82.43	72.53	75.62	---	---	---	---	---	---	---	---	---
25	76.92	73.30	74.42	---	---	---	---	---	---	---	---	---
26	75.38	72.56	72.96	---	---	---	---	---	---	---	---	---
27	72.60	72.04	72.25	---	---	---	---	---	---	---	---	---
28	75.14	72.04	73.01	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	82.43	71.40	72.32	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	76.02	73.18	74.43	83.39	71.99	74.93
2	---	---	---	---	---	---	77.23	73.98	74.80	76.94	71.51	73.02
3	---	---	---	---	---	---	77.26	72.38	73.38	71.51	71.36	71.43
4	---	---	---	---	---	---	83.70	72.40	77.61	71.52	71.35	71.42
5	---	---	---	---	---	---	78.86	72.77	74.41	71.53	71.25	71.35
6	---	---	---	---	---	---	76.17	72.76	73.25	74.95	71.29	72.65
7	---	---	---	---	---	---	84.11	72.71	77.76	75.06	71.04	72.24
8	---	---	---	---	---	---	73.35	73.07	73.16	83.76	71.24	74.28
9	---	---	---	---	---	---	73.21	72.11	72.54	83.47	72.37	76.36
10	---	---	---	---	---	---	72.25	72.14	72.19	81.93	71.74	74.59
11	---	---	---	81.71	72.88	77.80	72.28	72.12	72.19	84.34	71.44	77.77
12	---	---	---	84.67	73.28	80.29	72.24	72.11	72.18	81.45	71.87	75.54
13	---	---	---	84.52	72.62	77.05	72.28	72.10	72.23	77.31	72.21	73.58
14	---	---	---	72.73	72.62	72.68	72.27	72.11	72.22	77.49	71.25	73.73
15	---	---	---	73.12	72.15	72.55	72.31	72.23	72.25	76.10	71.38	72.75
16	---	---	---	72.15	72.05	72.10	75.49	72.13	73.02	71.35	71.14	71.18
17	---	---	---	72.11	71.99	72.04	78.46	71.36	72.73	71.73	71.23	71.50
18	---	---	---	72.76	72.10	72.16	72.41	71.16	71.62	74.78	71.15	71.84
19	---	---	---	82.94	72.13	76.67	72.43	72.01	72.18	74.12	71.15	71.93
20	---	---	---	77.67	72.82	74.03	74.98	71.71	72.55	81.92	71.42	73.88
21	---	---	---	84.29	73.05	77.60	84.26	71.19	75.57	85.67	70.99	78.90
22	---	---	---	78.73	72.91	74.73	83.94	72.73	78.06	84.60	71.85	78.64
23	---	---	---	73.63	72.69	72.84	84.71	72.90	78.30	71.75	71.17	71.23
24	---	---	---	84.33	72.68	78.02	83.34	71.71	74.95	71.18	71.16	71.17
25	---	---	---	84.80	72.85	77.96	84.05	71.17	77.29	71.18	71.16	71.17
26	---	---	---	84.39	72.84	77.27	79.19	72.14	75.59	73.89	71.16	71.38
27	---	---	---	83.31	72.89	75.82	75.21	71.14	71.68	75.15	71.16	72.60
28	---	---	---	84.18	73.77	78.01	84.63	71.14	77.57	74.74	71.16	71.76
29	---	---	---	76.63	72.71	73.95	83.63	71.22	76.27	71.19	71.16	71.17
30	---	---	---	76.08	72.62	73.45	84.65	71.82	78.54	71.21	71.18	71.19
31	---	---	---	83.26	73.61	77.49	84.59	71.24	78.65	---	---	---
MONTH	---	---	---	---	---	---	84.71	71.14	74.49	85.67	70.99	73.17

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

DRAINAGE AREA.--2,420 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1988 to September 1989.

GAGE.--Data collection platform. Elevation of gage is 170 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except estimated daily discharges: Oct. 5 - 7, 25 - 27, Nov. 28 - 30, Jan. 28 - 30, Feb. 14 - 15, Mar. 26 to Apr. 1, May 8, 13 - 15, and July 1, which are fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,600 ft^3/s, Sept. 21, 1989, gage height, 15.70 ft; minimum daily, 155 ft^3/s, Sept. 24, 25, 29, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,600 ft^3/s, Sept. 21, gage height, 15.70 ft; minimum daily, 155 ft^3/s, Sept. 24, 25, 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	474	3710	1620	314	280	784	2400	667	7390	350	2110	3310
2	474	1590	4600	307	255	966	1400	685	606	308	2400	1040
3	805	1910	2470	307	247	4210	8090	682	369	310	1300	219
4	2840	1510	1960	1440	239	935	2410	716	367	647	7170	216
5	3800	865	3080	1180	229	1640	2490	753	1180	10300	2290	199
6	3100	1470	3190	411	225	6430	9690	677	1570	7760	1130	765
7	3000	932	2390	411	223	10600	6790	682	1510	5000	7290	627
8	1530	644	168	403	223	9850	2390	740	1600	4130	980	2980
9	1420	765	325	320	650	5720	1710	697	313	800	651	5220
10	3100	1020	1030	383	615	2740	6830	462	304	9390	469	2790
11	3690	644	994	660	430	1120	5920	415	321	6440	469	7870
12	3060	868	10900	168	409	1090	4850	425	327	11200	465	3810
13	4300	700	9760	183	381	1010	2330	430	1350	6100	485	1540
14	3850	300	3100	167	380	1610	501	410	1190	712	477	1420
15	3280	1220	426	167	370	991	386	5200	315	651	492	860
16	1840	1190	6960	164	356	366	692	4200	306	437	962	158
17	2980	1090	6440	164	3100	357	215	3640	310	415	922	240
18	1970	1180	5220	162	744	394	284	6280	330	460	284	415
19	909	639	3510	412	606	371	225	1300	400	5490	467	428
20	1700	265	419	318	620	3310	265	305	307	1880	690	2190
21	1280	971	327	321	484	1860	818	309	308	6940	5460	10100
22	3530	1080	317	321	388	7640	274	9670	175	2510	7910	8140
23	2710	729	314	317	481	11300	253	6900	541	795	8440	169
24	1840	808	311	317	3660	2700	3560	1180	709	7680	3330	155
25	4500	539	306	375	2160	2480	9160	7640	713	8050	7440	155
26	2400	514	304	569	909	2200	9250	2650	11700	6420	3560	229
27	1350	728	400	428	506	9000	8330	1080	11900	4190	375	731
28	644	600	353	410	945	10000	1520	1090	5400	7520	7910	376
29	1360	1400	318	400	---	9000	838	948	840	1640	5170	155
30	1300	2900	320	390	---	11000	748	8320	447	1280	8730	160
31	4680	---	323	379	---	10000	---	9570	---	6270	9230	---
MEAN	2378	1093	2328	396	718	4248	3154	2539	1770	4067	3195	1889
MAX	4680	3710	10900	1440	3660	11300	9690	9670	11900	11200	9230	10100
MIN	474	265	168	162	223	357	215	305	175	308	284	155

WTR YR 1989 MEAN 2331 MAX 11900 MIN 155

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'03'', long 81°12'35'', Lexington County, Hydrologic Unit Code 03050109, on left bank, approximately 1000 ft downstream from Lake Murray Dam on Saluda River, and at mile 9.7.

PERIOD OF RECORD.--September 1984 to September 1985, October 1987 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: September 1984 to September 1985, October 1987 to current year.
DISSOLVED OXYGEN: October 1987 to current year.

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

REMARKS.--Records of water temperature prior to OCtober 1984 are in files of the US Geological Survey.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 21.0 °C, Nov. 17, 1984; miniumum, 6.5 °C, several days during February and March, 1985.
DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 25, 1989; miniumum, 0.1 mg/L, Sept. 21, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 20.0 °C, Sept. 30; miniumum, 9.5 °C, several days during March.
DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 25; miniumum, 0.1 mg/L, Sept. 21.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	10.0	11.5	12.0	9.5	10.5	10.5	10.0	10.0	12.0	11.0	11.5
2	13.0	10.5	11.5	11.5	9.5	10.5	10.5	10.0	10.0	12.5	11.5	12.0
3	13.5	11.0	12.0	12.0	9.5	10.0	10.5	10.0	10.5	12.5	11.0	11.5
4	12.5	11.5	11.5	10.5	10.0	10.0	11.0	10.0	10.5	12.5	11.0	11.5
5	11.5	11.0	11.0	10.5	9.5	10.0	11.0	10.0	10.5	12.5	11.5	12.0
6	12.0	11.0	11.5	10.5	10.0	10.0	11.0	10.0	10.5	13.0	11.5	12.0
7	13.0	11.5	12.0	10.5	10.0	10.0	12.0	10.0	10.5	13.0	11.0	12.0
8	11.5	11.0	11.0	10.0	9.5	10.0	12.0	10.0	10.5	12.5	11.5	12.0
9	13.0	10.0	11.0	10.0	9.5	10.0	11.5	10.5	10.5	12.5	11.5	12.0
10	12.0	10.0	10.5	10.0	9.5	9.5	11.0	10.5	10.5	14.0	12.0	12.5
11	12.0	10.0	10.5	11.0	9.5	10.0	11.0	10.5	11.0	13.0	12.0	12.5
12	12.0	9.5	10.5	10.5	9.5	10.0	11.0	10.5	10.5	14.0	12.0	12.5
13	12.0	10.0	11.0	10.5	9.5	10.0	13.0	10.5	11.5	---	---	---
14	11.5	11.0	11.0	10.0	9.5	9.5	12.5	10.5	11.5	---	---	---
15	12.5	11.0	11.5	11.5	9.5	10.5	12.0	11.5	11.5	---	---	---
16	13.0	11.0	11.5	13.5	10.0	11.5	12.0	10.5	11.0	13.0	11.5	12.0
17	11.0	10.0	10.5	12.5	10.5	11.0	15.5	11.0	13.0	12.0	11.5	12.0
18	10.0	10.0	10.0	12.0	10.5	11.0	14.5	11.5	13.0	12.5	11.5	12.0
19	10.5	10.0	10.5	13.0	10.5	11.0	15.0	12.5	14.0	13.5	12.0	12.0
20	10.5	10.5	10.5	11.0	9.5	10.0	13.0	12.5	12.5	15.0	13.0	14.0
21	11.0	10.5	11.0	10.0	9.5	9.5	13.0	10.5	12.0	15.0	12.5	13.5
22	12.0	11.0	11.5	10.5	9.5	10.0	15.0	11.0	13.0	13.5	12.0	12.5
23	11.0	10.0	10.5	10.0	9.5	9.5	13.5	12.0	12.5	13.0	12.0	12.5
24	10.5	10.0	10.0	10.0	9.5	10.0	13.5	11.0	12.0	13.0	12.0	12.5
25	11.0	10.0	10.0	12.0	9.5	10.5	12.0	11.0	11.5	13.0	12.0	12.5
26	11.5	10.0	10.5	10.0	9.5	10.0	12.0	10.5	11.0	14.0	12.0	13.0
27	11.0	10.5	11.0	10.0	9.5	10.0	12.0	11.0	11.0	13.0	12.0	12.5
28	11.0	10.0	10.5	---	---	---	12.0	11.0	11.5	13.0	12.5	12.5
29	---	---	---	---	---	---	12.5	11.5	11.5	13.5	12.0	12.5
30	---	---	---	---	---	---	13.0	11.0	12.0	13.0	12.5	12.5
31	---	---	---	10.5	10.0	10.0	---	---	---	14.0	12.5	13.0
MONTH	13.5	9.5	11.0	13.5	9.5	10.0	15.5	10.0	11.5	15.0	11.0	12.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.5	12.5	13.0	17.0	14.5	15.5	16.0	14.5	15.0	17.5	15.5	16.5
2	14.5	12.5	13.5	17.5	14.0	15.5	16.0	14.5	15.5	18.0	16.0	17.0
3	16.0	14.0	14.5	17.0	14.0	15.0	16.5	14.5	15.5	18.5	17.5	18.0
4	15.5	14.0	14.5	16.0	12.5	14.5	15.5	14.5	15.0	19.0	17.0	18.0
5	14.0	13.0	13.5	14.0	12.5	13.5	15.5	15.0	15.0	18.5	17.5	18.0
6	13.5	13.0	13.5	14.0	13.0	14.0	16.5	15.0	15.5	18.5	15.5	17.0
7	14.0	13.5	13.5	13.5	13.0	13.5	15.5	14.5	15.0	16.5	14.5	16.0
8	14.0	13.5	13.5	13.5	13.0	13.5	16.0	15.0	15.5	17.5	16.0	17.0
9	15.5	12.5	14.5	15.0	13.5	14.0	17.0	15.0	16.0	17.0	16.0	16.5
10	---	---	---	14.0	13.0	13.5	18.0	15.0	16.0	19.0	16.0	17.0
11	16.5	12.5	15.0	14.0	13.5	13.5	17.0	15.5	16.0	18.5	16.0	16.5
12	16.5	13.5	15.0	14.0	13.5	14.0	17.5	15.5	16.5	17.5	16.0	16.5
13	14.0	13.0	13.5	14.5	13.5	14.0	18.0	15.5	16.5	17.0	15.5	16.5
14	15.5	13.0	14.0	15.0	14.0	14.5	17.5	16.0	16.5	18.0	16.0	17.0
15	16.5	13.5	15.0	14.5	13.5	14.0	17.5	16.0	16.5	17.0	16.0	16.5
16	15.5	14.0	14.5	16.5	13.0	14.5	18.0	15.5	16.0	18.5	16.5	17.5
17	16.0	13.5	14.5	15.0	14.0	14.5	18.0	15.0	16.0	20.0	17.5	18.5
18	16.5	13.5	14.5	15.5	14.5	15.0	19.0	16.0	17.5	18.5	16.5	17.5
19	16.0	14.0	14.5	15.0	13.5	14.0	18.0	15.5	16.5	19.0	17.0	18.0
20	16.5	14.5	15.0	14.5	11.5	13.5	18.0	15.0	16.5	17.5	16.5	17.0
21	17.0	13.5	15.0	14.0	13.0	13.5	18.0	15.0	16.0	18.5	16.5	17.0
22	18.0	14.0	16.0	14.0	13.5	13.5	16.0	15.0	15.0	18.0	16.5	17.0
23	15.5	13.0	14.5	15.0	13.5	14.0	16.0	15.0	15.5	19.5	17.5	18.0
24	16.5	13.0	14.0	14.0	13.0	14.0	16.5	15.5	16.0	19.0	18.0	18.5
25	16.0	13.0	14.0	14.5	13.5	14.0	17.0	15.0	16.0	19.0	18.0	18.5
26	14.0	13.0	13.5	14.5	14.0	14.0	16.0	15.0	15.5	19.0	17.0	18.0
27	14.5	13.0	13.0	15.5	14.0	14.5	19.5	15.5	16.5	19.0	17.0	18.0
28	14.0	13.0	13.5	16.0	14.5	15.0	17.0	15.5	16.0	19.0	17.0	17.5
29	16.0	13.0	14.0	15.0	14.0	14.5	17.5	15.5	16.0	19.5	18.5	19.0
30	17.0	13.5	15.5	15.0	14.0	14.5	18.0	15.5	16.0	20.0	19.5	19.5
31	---	---	---	15.0	14.0	14.5	17.5	15.5	16.0	---	---	---
MONTH	18.0	12.5	14.0	17.5	11.5	14.0	19.5	14.5	16.0	20.0	14.5	17.5
YEAR	20.0	9.5	13.5									

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.5	4.1	5.0	7.7	.5	2.0	10.0	7.7	8.6	8.7	7.9	8.1
2	5.3	4.8	5.0	2.8	.5	1.7	8.3	7.6	8.1	8.6	7.6	8.0
3	6.0	1.9	4.1	2.7	.5	1.3	8.5	7.9	8.2	8.7	7.7	8.0
4	2.9	1.2	2.0	2.5	.6	1.2	8.7	8.2	8.4	9.3	8.1	8.7
5	3.2	.8	1.5	4.0	.5	2.2	8.8	8.1	8.4	9.5	8.6	9.1
6	1.8	.6	1.2	2.5	.8	1.3	9.4	8.0	8.5	9.2	8.7	8.9
7	3.1	.6	1.4	3.4	.9	2.2	8.8	8.1	8.5	9.1	8.6	8.8
8	2.6	1.0	1.6	3.1	1.3	2.1	8.4	4.8	7.2	9.4	8.6	9.0
9	2.8	.9	1.7	4.0	1.0	1.9	8.7	4.2	6.6	9.3	8.2	8.6
10	4.0	.7	1.8	3.2	1.0	1.8	9.1	7.6	8.6	9.5	9.1	9.3
11	4.2	.6	1.5	3.3	1.5	2.4	9.0	8.6	8.8	9.5	7.6	8.9
12	3.3	.6	1.6	3.1	1.0	1.9	9.2	8.7	8.9	9.2	7.0	8.4
13	8.5	.6	2.5	3.4	1.1	2.0	10.2	9.0	9.2	11.1	8.3	9.3
14	1.8	.5	1.2	1.7	.9	1.3	9.3	8.7	9.1	9.9	9.1	9.5
15	3.0	.6	1.4	2.6	.9	1.5	9.0	7.4	8.4	9.7	8.9	9.3
16	2.0	.8	1.4	3.4	.9	2.2	9.4	8.6	9.0	10.6	9.1	9.9
17	2.3	.7	1.3	4.8	1.9	2.8	9.5	9.1	9.3	10.5	9.7	10.0
18	2.4	1.0	1.4	4.5	2.6	3.4	10.8	9.4	9.8	10.1	8.2	9.6
19	2.8	1.0	1.7	4.2	2.7	3.4	10.5	9.4	9.7	11.8	8.1	9.8
20	2.3	.7	1.4	5.9	3.3	4.8	9.9	9.0	9.5	11.6	9.5	10.6
21	2.0	.7	1.3	6.3	5.0	5.5	9.6	8.8	9.2	12.9	9.6	10.8
22	2.5	.6	1.3	6.2	5.0	5.6	9.8	9.0	9.3	12.4	10.0	11.1
23	2.3	.5	1.3	7.4	6.0	6.7	9.7	9.0	9.2	12.4	10.1	11.0
24	2.2	.6	1.2	8.4	7.1	7.8	9.6	8.9	9.2	12.4	9.2	11.0
25	2.7	.6	1.2	8.5	7.9	8.1	9.7	8.9	9.2	12.3	9.4	10.7
26	2.6	.6	1.2	8.6	7.8	8.1	9.8	9.1	9.4	12.6	10.0	11.2
27	1.8	.7	1.2	8.6	8.0	8.2	9.7	9.0	9.3	12.0	10.8	11.2
28	2.3	1.0	1.9	9.2	8.2	8.6	9.4	8.5	9.0	12.4	10.9	11.6
29	2.9	.6	1.8	8.9	8.3	8.6	9.1	8.2	8.6	12.4	10.8	11.9
30	2.0	.9	1.3	10.0	8.3	8.9	8.7	8.0	8.3	11.8	9.9	10.9
31	3.4	.5	1.5	---	---	---	8.7	7.9	8.2	10.9	9.8	10.3
MONTH	8.5	.5	1.8	10.0	.5	4.0	10.8	4.2	8.8	12.9	7.0	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.1	9.8	10.2	11.0	10.0	10.5	10.6	9.8	10.3	8.5	8.0	8.2
2	11.2	9.6	10.2	11.1	10.1	10.6	10.4	9.7	10.1	8.9	7.9	8.3
3	11.1	9.5	10.1	11.4	9.8	10.6	10.7	9.4	10.2	9.1	8.0	8.4
4	10.8	9.5	9.9	10.8	10.1	10.4	10.3	9.7	10.0	9.0	8.0	8.3
5	10.3	9.5	9.8	10.7	10.3	10.5	10.5	9.4	10.0	8.8	8.0	8.3
6	10.6	9.4	9.8	11.2	10.2	10.6	10.5	9.8	10.2	9.3	7.9	8.5
7	11.1	9.3	9.9	11.3	10.3	10.8	10.4	9.9	10.1	9.5	8.0	8.5
8	10.6	9.4	9.8	12.1	10.6	11.0	10.1	9.5	9.9	8.8	7.9	8.3
9	11.2	9.5	10.2	11.2	10.6	11.0	10.0	9.5	9.8	8.7	7.9	8.2
10	10.7	9.8	10.2	11.1	10.5	10.9	10.2	9.3	9.8	9.6	8.1	8.6
11	10.6	9.7	10.0	11.0	10.3	10.7	10.1	9.6	9.8	9.8	8.0	8.7
12	10.7	9.7	10.1	10.9	10.2	10.6	10.0	9.5	9.8	10.1	8.0	8.9
13	10.7	9.7	10.1	10.8	10.3	10.5	9.9	9.0	9.6	---	---	---
14	10.3	9.7	9.9	11.0	10.4	10.7	10.0	9.0	9.5	---	---	---
15	10.6	9.6	10.0	10.9	10.1	10.5	9.7	9.3	9.4	---	---	---
16	11.2	9.5	10.1	10.9	10.0	10.4	9.9	9.1	9.5	8.5	7.7	8.1
17	10.2	9.6	9.9	11.0	10.0	10.5	10.9	8.6	9.6	8.0	7.5	7.7
18	10.2	9.7	9.9	11.0	10.3	10.5	10.4	8.3	9.3	7.9	7.4	7.7
19	10.4	9.8	10.0	11.1	10.3	10.6	10.6	7.6	9.1	7.9	7.4	7.6
20	10.4	9.2	10.1	11.0	10.2	10.6	9.7	8.4	8.9	9.5	7.4	8.2
21	9.9	9.7	9.8	10.8	10.2	10.5	9.9	8.3	9.0	9.2	7.3	8.1
22	13.0	9.5	10.9	11.0	10.3	10.7	11.2	8.3	9.4	8.3	6.9	7.4
23	10.4	9.5	10.0	10.9	10.3	10.7	10.4	8.3	9.2	7.7	6.7	7.2
24	12.9	10.4	11.2	10.7	10.1	10.5	10.1	8.2	9.1	7.6	7.0	7.3
25	13.3	10.8	12.2	10.6	10.0	10.4	9.3	8.5	9.0	7.3	6.7	7.0
26	11.7	10.4	10.8	11.0	10.4	10.6	9.4	8.7	9.0	7.1	6.6	6.8
27	10.8	10.3	10.5	10.9	10.3	10.7	9.2	8.5	8.9	7.3	6.6	6.9
28	11.0	10.3	10.6	---	---	---	9.2	8.4	8.7	7.2	6.5	6.8
29	---	---	---	---	---	---	9.1	8.1	8.7	7.7	6.8	7.1
30	---	---	---	---	---	---	9.2	8.1	8.5	7.0	6.2	6.7
31	---	---	---	10.9	10.0	10.5	---	---	---	7.3	6.1	6.6
MONTH	13.3	9.2	10.2	12.1	9.8	10.6	11.2	7.6	9.5	10.1	6.1	7.8

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	6.1	6.4	7.3	5.7	6.4	2.8	1.4	2.0	2.9	.3	1.4
2	7.8	6.3	6.8	7.8	5.6	6.4	2.9	1.6	2.4	4.0	.8	2.3
3	8.1	6.4	7.1	7.6	5.6	6.3	3.8	1.6	2.9	3.6	1.1	2.1
4	8.4	6.3	7.1	7.3	4.3	6.0	3.4	1.3	2.0	5.8	3.8	4.3
5	6.9	6.3	6.6	4.5	4.1	4.3	3.1	1.3	2.2	4.2	2.1	3.5
6	6.7	6.3	6.4	4.8	4.0	4.3	3.8	1.3	2.7	5.0	1.2	3.0
7	6.8	6.2	6.5	5.2	3.9	4.3	3.1	1.1	1.9	3.4	1.3	2.6
8	6.4	5.9	6.3	4.8	3.6	4.1	2.9	1.8	2.4	3.1	.6	2.0
9	8.6	6.0	7.0	5.3	3.9	4.7	4.4	2.2	3.0	5.1	.6	2.5
10	9.4	6.0	7.2	4.4	3.3	3.8	4.6	2.8	3.4	6.3	.8	2.8
11	8.9	5.9	7.0	4.5	3.3	3.8	4.2	2.8	3.3	7.0	.7	1.6
12	9.0	5.8	7.1	4.1	3.1	3.6	---	---	---	3.7	.7	1.9
13	6.5	5.9	6.1	4.9	3.1	3.8	---	---	---	3.3	1.0	2.2
14	7.4	5.9	6.4	5.6	4.4	5.0	---	---	---	3.1	.8	1.8
15	8.8	5.8	6.9	5.3	4.2	4.7	4.1	2.5	3.1	3.4	.9	2.2
16	8.6	5.9	6.9	5.5	4.4	4.8	4.0	1.0	2.2	2.9	1.3	1.9
17	9.1	5.9	7.1	5.2	4.3	4.7	4.3	1.3	2.1	6.7	1.7	4.8
18	9.1	5.8	7.0	5.1	4.3	4.6	5.8	.9	3.4	---	---	---
19	8.8	5.9	6.7	4.5	3.1	3.6	4.4	2.1	3.0	---	---	---
20	7.8	5.9	6.6	4.0	2.9	3.5	4.3	.8	2.5	3.2	.3	1.9
21	8.1	6.0	6.8	3.6	2.8	3.2	4.4	.5	1.6	4.5	.1	.7
22	8.6	5.9	7.0	3.7	2.8	3.3	1.9	.5	1.1	2.7	.3	.6
23	6.6	5.4	6.1	4.5	3.5	4.2	1.8	.5	1.0	4.0	.4	1.1
24	7.1	5.2	6.0	4.2	2.8	3.3	3.2	.6	1.7	4.8	3.5	4.1
25	6.8	5.2	5.8	3.2	1.8	2.8	4.3	.7	1.4	3.7	1.4	2.3
26	6.0	4.8	5.3	3.0	2.1	2.5	3.1	.6	1.4	4.0	.6	1.6
27	5.6	4.7	5.0	3.7	1.6	2.6	4.6	.9	1.5	3.6	.5	1.7
28	5.3	4.6	4.9	3.0	1.8	2.3	2.7	.4	.9	3.1	.7	1.8
29	6.9	4.7	5.3	3.6	1.7	2.6	3.4	.4	1.1	3.4	.8	2.0
30	7.3	5.0	6.2	3.6	1.4	2.4	3.2	.3	1.0	3.9	1.0	1.9
31	---	---	---	2.2	1.6	1.8	1.8	.2	.8	---	---	---
MONTH	9.4	4.6	6.5	7.8	1.4	4.0	5.8	.2	2.1	7.0	.1	2.2
YEAR	13.3	.1	6.4									

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.

WATER-DISCHARGE RECORDS

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

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

REMARKS.--Records good, except for estimated daily discharges: Feb. 13 - 14, June 16 to July 6, and July 13, which are fair. Flow regulated by Lake Murray (see sta 02168500).

AVERAGE DISCHARGE.--64 years, 2827 ft^3/s, 15.23 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, 18,800 ft^3/s, Sept. 21, gage height, 8.05 ft; minimum, 185 ft^3/s, Dec. 8, 9, Jan. 12, gage height, 1.43 ft; minimum daily, 185 ft^3/s, Dec. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	490	4620	1690	397	336	1020	2170	1600	7400	450	2610	3930
2	490	1680	4280	369	301	986	1620	1390	938	400	2640	1160
3	1460	2010	2470	445	295	4330	7600	934	429	390	1670	359
4	3210	1620	2090	1040	288	1260	2600	818	420	700	6560	272
5	4120	881	3050	1730	280	1650	2350	840	996	10500	2850	298
6	3210	1650	3060	468	296	5910	9050	836	1600	8000	1110	768
7	3110	1050	2260	457	300	9810	6840	754	1500	5640	6860	733
8	1570	711	579	451	292	9580	2770	761	1720	4530	1340	2930
9	1560	780	185	422	347	6120	2060	817	624	927	791	5120
10	3210	1020	985	486	967	2840	6750	614	398	8470	526	3060
11	3680	726	1070	667	455	1420	6070	531	387	8060	524	7300
12	2650	846	9160	209	444	1120	4980	517	386	10900	517	4240
13	4300	759	9810	300	415	1030	2600	500	1140	6800	537	1570
14	4120	460	3590	294	410	1630	620	490	1460	895	522	1800
15	3300	1110	547	275	406	1080	1200	4640	379	1710	562	1060
16	1980	1190	5740	262	389	560	988	4210	380	956	943	714
17	2930	1110	6560	249	2680	394	573	3880	450	623	1080	382
18	2070	1180	5380	242	1100	451	458	6110	440	602	392	533
19	1010	750	3790	425	625	432	341	1620	500	5240	596	436
20	1670	387	559	387	662	2650	375	409	440	2250	616	2220
21	1080	921	397	393	869	2420	708	378	420	6840	4910	8690
22	3500	973	351	370	774	6890	557	8300	350	2720	7620	9920
23	2710	834	347	365	627	10900	341	6500	640	1150	8280	623
24	1910	842	351	359	3620	4680	3170	1750	800	7180	3660	354
25	4620	716	346	411	2330	1920	8460	6440	850	8010	7000	322
26	2410	587	339	583	1210	3670	8860	3500	12100	6370	3950	355
27	1300	738	396	488	635	8280	7910	1050	12500	4350	623	709
28	814	626	411	455	906	9500	2020	1070	8000	7370	7210	582
29	1150	1470	348	451	---	7550	948	955	1200	2190	5330	251
30	1450	2990	353	441	---	10300	974	7290	600	1400	8280	309
31	3770	---	379	430	---	9390	---	8880	---	6180	8830	---
TOTAL	74854	35237	70873	14321	22259	129773	95963	78384	59447	131803	98939	61000
MEAN	2415	1175	2286	462	795	4186	3199	2529	1982	4252	3192	2033
MAX	4620	4620	9810	1730	3620	10900	9050	8880	12500	10900	8830	9920
MIN	490	387	185	209	280	394	341	378	350	390	392	251

CAL YR 1988 TOTAL 366878 MEAN 1002 MAX 9810 MIN 185
WTR YR 1989 TOTAL 872853 MEAN 2391 MAX 12500 MIN 185

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: July 1987 to current year.
DISSOLVED OXYGEN: July 1987 to current year.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 29.5°C, June 15, 1989; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Feb. 14, 1988; minimum, 1.5 mg/L, Aug. 31, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.5°C, June 15; minimum, 7.0°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Feb. 16, 24 - 25; minimum, 1.5 mg/L, Aug. 31.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	5.9	6.5	7.8	3.6	5.4	9.3	8.2	8.9	10.6	9.8	10.2
2	7.2	5.9	6.5	8.2	5.4	6.7	9.2	8.3	8.9	10.8	9.8	10.3
3	6.5	5.7	6.0	7.2	5.1	6.1	9.5	8.4	9.1	10.8	9.9	10.2
4	5.7	2.6	4.9	6.9	4.8	5.8	9.7	8.8	9.4	11.0	9.3	10.2
5	5.4	1.7	3.8	7.1	3.8	5.4	9.6	9.1	9.4	10.8	9.9	10.4
6	5.8	4.6	5.1	7.2	4.9	6.2	9.8	8.9	9.4	10.9	10.2	10.5
7	7.1	4.2	5.3	7.8	4.9	6.1	10.0	9.3	9.6	10.6	9.8	10.1
8	7.6	5.4	6.5	7.4	5.4	6.5	9.4	8.5	9.0	10.5	9.4	9.9
9	7.5	5.7	6.5	7.9	6.0	6.8	9.2	8.7	8.9	10.1	9.4	9.7
10	6.8	4.0	5.5	7.5	5.4	6.4	10.2	9.2	9.6	9.8	9.4	9.6
11	6.6	4.4	5.5	7.6	5.5	6.2	9.8	9.1	9.5	10.4	9.5	9.8
12	7.2	3.8	5.8	8.1	6.1	7.1	9.5	8.7	9.2	9.6	8.6	9.0
13	6.8	4.0	5.3	7.6	5.5	6.4	---	---	---	10.0	8.8	9.2
14	6.1	3.3	5.0	7.0	5.1	6.2	---	---	---	9.7	9.0	9.3
15	6.5	4.3	5.4	8.1	5.8	6.5	---	---	---	9.4	8.8	9.1
16	7.6	4.9	5.8	7.8	5.2	6.0	10.2	9.6	9.8	10.4	9.4	9.8
17	7.2	3.5	5.3	7.7	5.6	6.5	10.1	9.3	9.8	10.7	9.4	10.1
18	7.3	3.5	5.1	8.1	5.9	7.1	10.6	9.8	10.1	10.7	9.6	10.4
19	7.1	4.5	5.7	7.7	6.1	7.0	10.5	9.9	10.2	10.9	10.2	10.6
20	7.0	4.8	5.7	7.9	5.6	6.9	10.7	9.9	10.3	10.7	9.9	10.3
21	6.0	4.5	5.3	8.4	6.9	7.6	10.8	10.2	10.5	11.0	9.7	10.4
22	5.9	3.8	4.9	8.2	6.8	7.6	10.6	9.8	10.3	11.5	10.5	10.9
23	5.3	2.9	4.4	7.9	7.2	7.5	10.4	9.7	10.1	11.4	10.8	11.1
24	5.4	2.8	4.6	8.8	7.0	8.0	10.3	9.6	10.0	11.4	10.3	10.9
25	5.2	3.0	4.4	9.1	7.7	8.4	10.3	9.4	10.0	11.6	10.3	11.0
26	7.0	3.4	4.8	9.0	7.8	8.5	10.9	9.5	10.3	11.2	10.6	11.0
27	7.8	5.3	6.3	8.6	7.8	8.2	11.2	10.3	10.7	11.2	10.4	10.8
28	7.8	5.6	6.5	9.1	7.6	8.3	10.9	10.5	10.7	11.4	10.2	10.9
29	8.9	5.1	7.0	8.8	8.1	8.5	11.0	9.6	10.4	11.8	10.6	11.2
30	7.7	4.7	5.9	9.5	8.0	8.7	11.1	10.4	10.7	11.5	10.7	11.0
31	7.3	3.6	5.4	---	---	---	10.9	10.2	10.5	11.8	10.0	10.9
MONTH	8.9	1.7	5.5	9.5	3.6	7.0	11.2	8.2	9.8	11.8	8.6	10.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.6	10.7	11.2	11.1	9.6	10.4	---	---	---	8.7	7.8	8.2
2	11.6	10.7	11.1	11.4	9.8	10.5	---	---	---	8.5	7.3	8.0
3	11.4	10.5	10.9	11.9	9.9	10.8	---	---	---	9.3	8.5	8.9
4	11.0	9.7	10.3	11.6	10.5	10.9	---	---	---	9.6	8.9	9.2
5	10.2	9.4	9.8	11.6	10.1	10.8	---	---	---	9.6	8.9	9.2
6	9.9	9.2	9.5	11.8	10.1	10.8	---	---	---	9.3	8.8	9.0
7	10.8	9.5	10.0	11.2	4.0	9.8	---	---	---	9.3	8.6	8.9
8	10.6	9.5	9.9	11.5	8.8	10.6	10.6	10.2	10.4	8.7	8.2	8.5
9	11.4	9.2	10.4	11.3	7.7	10.2	11.0	10.0	10.4	8.9	7.4	8.0
10	11.6	9.9	11.0	10.6	4.0	9.0	10.3	10.0	10.1	8.4	7.5	7.9
11	11.2	9.6	10.5	---	---	---	10.6	9.9	10.2	8.5	8.3	8.3
12	10.8	9.9	10.4	---	---	---	11.0	9.9	10.4	8.7	8.1	8.4
13	10.1	9.3	9.7	---	---	---	11.3	10.1	10.6	8.7	8.4	8.5
14	---	---	---	---	---	---	11.7	9.9	10.7	8.9	8.5	8.7
15	---	---	---	---	---	---	10.6	9.0	9.6	10.6	8.6	9.6
16	11.9	10.3	11.1	---	---	---	9.8	8.8	9.3	11.8	10.2	10.6
17	11.5	10.5	11.0	---	---	---	10.6	9.3	9.8	10.3	7.9	9.1
18	10.9	10.0	10.4	---	---	---	10.6	8.4	9.8	8.5	7.6	8.0
19	11.3	10.0	10.5	---	---	---	10.6	9.0	9.8	8.5	7.8	8.1
20	10.8	10.3	10.6	---	---	---	10.3	9.6	9.9	9.3	8.6	8.9
21	10.4	9.0	9.7	10.9	7.1	9.7	10.9	8.9	9.9	9.5	8.3	8.7
22	10.7	8.6	10.1	10.1	9.7	9.9	10.6	9.5	10.1	8.6	7.4	8.0
23	11.3	10.5	10.8	9.9	9.5	9.7	10.7	9.6	10.2	8.5	7.6	7.9
24	11.9	11.3	11.6	9.9	9.5	9.7	10.9	9.2	9.7	8.8	7.9	8.3
25	11.9	11.0	11.7	10.1	9.1	9.7	9.9	8.2	9.4	8.9	7.8	8.3
26	11.6	10.6	11.2	10.2	9.6	9.8	10.1	9.0	9.4	8.6	7.8	8.2
27	10.5	9.8	10.1	9.9	9.5	9.7	10.4	9.0	9.3	9.1	8.2	8.6
28	10.6	9.4	10.0	9.9	9.3	9.6	10.6	8.9	9.6	9.2	8.4	8.8
29	---	---	---	9.8	9.0	9.4	10.4	9.1	9.6	9.6	8.5	8.9
30	---	---	---	9.6	8.3	9.2	10.4	8.7	9.3	9.2	8.1	8.7
31	---	---	---	---	---	---	---	---	---	8.8	8.1	8.3
MONTH	11.9	8.6	10.5	11.9	4.0	10.0	11.7	8.2	9.9	11.8	7.3	8.6

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.9	8.2	8.4	---	---	---	---	---	---	6.2	2.4	4.0
2	9.5	8.3	8.8	---	---	---	---	---	---	7.3	4.3	5.6
3	9.4	8.9	9.2	---	---	---	---	---	---	6.9	5.8	6.2
4	9.2	8.8	9.0	---	---	---	---	---	---	8.5	6.9	7.5
5	9.6	8.8	9.0	---	---	---	---	---	---	8.6	7.6	8.0
6	9.0	8.2	8.7	---	---	---	---	---	---	8.0	6.6	7.5
7	9.7	7.7	8.6	---	---	---	---	---	---	---	---	---
8	9.2	7.7	8.4	---	---	---	---	---	---	---	---	---
9	9.1	6.9	8.2	---	---	---	---	---	---	---	---	---
10	8.9	7.7	8.4	---	---	---	---	---	---	---	---	---
11	8.9	7.6	8.3	---	---	---	---	---	---	---	---	---
12	8.5	7.3	8.0	---	---	---	---	---	---	---	---	---
13	10.4	7.5	8.9	---	---	---	---	---	---	---	---	---
14	9.6	8.1	8.8	9.6	5.5	7.3	---	---	---	---	---	---
15	9.9	8.2	9.2	8.6	6.8	7.4	---	---	---	7.1	4.7	5.8
16	---	---	---	7.1	6.7	6.9	---	---	---	6.7	5.9	6.2
17	---	---	---	7.6	6.7	7.0	---	---	---	7.2	5.4	6.0
18	---	---	---	8.3	7.1	7.6	---	---	---	7.6	6.2	6.9
19	---	---	---	8.4	4.3	6.3	---	---	---	7.0	5.9	6.5
20	---	---	---	7.8	5.2	6.3	---	---	---	6.9	2.9	5.5
21	---	---	---	7.2	4.2	5.5	---	---	---	5.1	2.0	3.5
22	---	---	---	7.4	5.4	6.3	---	---	---	4.3	2.8	3.6
23	---	---	---	8.7	5.6	7.0	---	---	---	6.6	4.3	5.3
24	---	---	---	8.0	4.3	6.2	---	---	---	7.1	5.9	6.5
25	---	---	---	7.8	4.2	5.2	5.7	2.1	3.6	7.7	6.4	7.0
26	---	---	---	7.0	3.7	5.2	6.3	3.1	4.1	7.6	6.4	7.0
27	---	---	---	8.4	3.9	5.5	6.8	4.1	5.1	8.1	6.5	7.2
28	---	---	---	7.0	3.9	5.3	7.5	1.9	4.8	7.2	5.8	6.5
29	---	---	---	9.9	4.8	7.3	6.4	2.4	3.7	7.5	5.8	6.9
30	---	---	---	---	---	---	5.6	1.9	3.4	7.6	6.7	7.1
31	---	---	---	---	---	---	6.3	1.5	3.2	---	---	---
MONTH	10.4	6.9	8.7	9.9	3.7	6.4	7.5	1.5	4.0	8.6	2.0	6.2
YEAR	11.9	1.5	8.3									

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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges; July 26 - 28, which are poor. Flow regulated by Lake Murray (see sta 02168500) on the Saluda River and to some extent, at low and medium flow, by powerplants on the Broad River. City of Columbia diverted about 48 ft^3/s above station for municipal supply.

AVERAGE DISCHARGE.--50 years, 9,110 ft^3/s, 15.75 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 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, 48,400 ft^3/s, Mar. 25, gage height, 16.17 ft; minimum, 945 ft^3/s, Apr. 24, gage height, 1.66 ft; minimum daily, 1670 ft^3/s, June 16.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1920	7140	6810	3260	3880	22200	8490	5940	9050	2870	4780	9320
2	1930	4470	8760	5180	3800	26000	7990	8410	4040	2970	6580	6900
3	3080	4490	7560	6030	3780	23700	11500	15000	3000	3680	7950	4130
4	8860	3790	7260	6250	3700	13400	7180	10800	2880	5090	9490	1690
5	9130	3360	6830	7360	2710	15500	6660	6710	4480	13900	5470	1950
6	7810	4070	5600	5800	1930	17000	12300	7050	4400	13200	4020	2370
7	8230	3570	4770	4980	2870	28900	11500	9940	5030	13600	9610	3600
8	6760	3210	3490	3980	3100	27900	9250	10000	4520	9960	4450	5190
9	4410	3790	2930	4010	3360	15100	9230	6770	4210	5970	3720	6040
10	4640	3400	3580	4170	4330	9470	13200	8410	5150	11800	3440	4590
11	5020	3510	3790	4380	4020	7960	12700	11400	3580	9660	2440	9060
12	3840	3960	10500	4080	4010	7520	11200	9520	2560	12000	2220	6980
13	5510	4050	11700	4920	3450	7410	9030	6380	5230	7870	2110	4270
14	5530	3320	6330	5720	2120	7360	7250	6340	5820	6690	2120	4980
15	4600	3290	3370	4350	1980	5320	12100	9960	3150	6060	2510	4400
16	3470	3680	6850	5420	2240	4850	16200	9940	1670	5060	3570	2680
17	4030	3890	7700	5920	5710	3310	19200	8840	3880	5280	4480	2600
18	3650	4020	6620	4430	3870	4020	7800	7830	4790	15400	3380	3080
19	2570	3600	5800	2790	2420	4790	7110	4540	5250	20800	4880	3000
20	3010	3110	3170	3000	4200	8010	6900	4560	7340	9750	5120	5830
21	2460	3450	2840	4080	6110	7860	6860	4620	8680	11400	8240	10800
22	4840	3570	2880	4060	13700	11400	5890	9690	9970	8540	9520	17300
23	4850	3390	2870	3820	22400	18600	5260	8270	14200	7010	8820	4560
24	4220	2640	2870	4490	13800	38200	5390	6120	10500	11300	5870	2720
25	6460	2670	2650	3830	9190	47300	9900	7970	7510	8790	7730	5740
26	3900	3200	1920	2720	8060	36000	12400	7350	13600	8740	6610	8230
27	2840	3340	2440	3370	7160	24500	11000	5310	15000	13300	3900	6570
28	3160	3300	3000	3110	8520	20900	5370	4570	10100	6070	8850	6500
29	3280	4660	3050	2920	---	15400	4410	2320	5460	5690	8230	6110
30	3730	7810	2710	2960	---	15600	4290	8440	4230	4630	10900	6680
31	4610	---	2940	3790	---	15200	---	9810	---	9290	11600	---
TOTAL	142350	115750	153590	135180	156420	510680	277560	242810	189280	276370	182610	167870
MEAN	4592	3858	4955	4361	5586	16470	9252	7833	6309	8915	5891	5596
MAX	9130	7810	11700	7360	22400	47300	19200	15000	15000	20800	11600	17300
MIN	1920	2640	1920	2720	1930	3310	4290	2320	1670	2870	2110	1690

CAL YR 1988 TOTAL 1529510 MEAN 4260 MAX 22500 MIN 1240
WTR YR 1989 TOTAL 2550470 MEAN 6988 MAX 47300 MIN 1670

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1988 to September 1989 (discontinued).

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 27.5°C, June 23, 24, 1988; minimum, 7.5°C, Mar. 15, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 24.5°C, June 18, 23; minimum, 8.0°C, Mar. 2.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	16.0	13.5	14.0	---	---	---						
2	17.0	13.5	15.5	---	---	---						
3	20.0	16.5	18.0	---	---	---						
4	22.0	18.5	20.5	---	---	---						
5	22.5	19.5	21.0	---	---	---						
6	19.0	15.5	16.5	14.5	12.0	13.0						
7	16.0	15.0	15.5	15.0	12.0	13.0						
8	16.0	15.0	15.5	14.0	12.0	13.0						
9	17.5	15.5	16.5	17.5	12.0	15.0						
10	22.0	18.0	20.5	17.5	12.0	15.5						
11	23.5	20.5	22.0	13.5	12.0	12.5						
12	23.5	21.5	22.5	12.5	11.5	12.0						
13	23.5	19.5	22.0	14.0	11.5	12.5						
14	19.0	17.0	17.5	19.0	12.0	16.0						
15	21.0	17.0	19.0	---	---	---						
16	22.5	19.0	21.0	---	---	---						
17	23.0	21.5	22.0	---	---	---						
18	24.5	22.0	23.0	---	---	---						
19	24.0	22.0	23.5	---	---	---						
20	23.5	21.0	22.0	---	---	---						
21	23.5	23.0	23.5	---	---	---						
22	24.0	22.5	23.5	---	---	---						
23	24.5	23.5	24.0	---	---	---						
24	24.5	23.0	24.0	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	---	---	---	---	---	---						
28	---	---	---	---	---	---						
29	---	---	---	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						
MONTH	24.5	13.5	20.0	19.0	11.5	13.5						
YEAR	24.5	8.0	14.5									

02169570 GILLS CREEK AT COLUMBIA, SC

LOCATION.--Lat 33°59'22'', long 80°58'28'', Richland County, Hydrologic Unit 03050110, at right bank, 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 years 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.--No estimated daily discharges. Records good. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--23 years, 75.4 ft^3/s, 17.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,410 ft^3/s, Aug. 12, 1986, gage height, 9.33 ft; minimum daily, 1.6 ft^3/s, Aug. 1, 1983.

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)
Mar. 24	0200	708	5.74
Sept. 22	0545	*932	*6.40
July 5	0300	648	5.54

Minimum daily, 4.8 ft^3/s, June 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	220	34	66	33	98	53	168	4.8	159	52	14
2	27	159	32	89	33	90	48	360	5.5	94	95	16
3	38	95	30	140	32	130	44	172	5.8	88	66	26
4	62	64	31	116	32	125	38	94	7.2	352	21	35
5	54	111	30	105	33	124	35	87	19	527	16	48
6	46	84	31	98	36	78	35	99	18	267	15	74
7	39	61	31	76	44	64	39	66	14	152	18	73
8	33	49	32	55	44	47	65	51	14	98	35	64
9	29	42	34	58	39	42	123	54	200	70	42	73
10	27	38	34	69	35	38	152	83	118	64	47	66
11	25	37	34	64	32	35	157	63	78	51	46	28
12	24	34	33	58	30	39	108	54	93	37	46	24
13	22	32	32	79	29	45	80	45	104	32	44	14
14	20	33	32	74	31	44	64	38	66	34	37	13
15	20	33	32	69	36	43	183	60	17	199	19	11
16	19	33	35	60	43	48	211	50	21	348	44	35
17	22	68	34	51	47	44	150	71	24	286	62	21
18	32	59	33	46	50	43	102	59	16	158	90	38
19	51	53	33	42	48	43	77	38	40	109	106	33
20	80	46	32	40	66	40	65	34	94	149	91	25
21	88	42	33	39	232	42	54	32	181	198	91	306
22	59	37	33	36	253	65	48	26	218	181	78	743
23	51	86	33	57	203	283	44	13	166	151	68	580
24	40	85	34	94	188	548	49	9.3	101	142	45	369
25	17	68	35	47	130	251	44	7.5	163	122	30	109
26	12	54	34	20	99	149	42	6.7	102	102	35	117
27	11	46	33	22	90	109	37	6.2	72	98	44	110
28	9.4	43	34	18	109	86	33	5.7	52	87	63	95
29	8.6	37	34	23	---	73	30	5.0	77	77	80	86
30	7.3	35	33	35	---	69	31	5.0	210	113	62	89
31	52	---	43	35	---	60	---	4.9	---	75	26	---
TOTAL	1056.3	1884	1028	1881	2077	2995	2241	1867.3	2301.3	4620	1614	3335
MEAN	34.1	62.8	33.2	60.7	74.2	96.6	74.7	60.2	76.7	149	52.1	111
MAX	88	220	43	140	253	548	211	360	218	527	106	743
MIN	7.3	32	30	18	29	35	30	4.9	4.8	32	15	11

CAL YR 1988 TOTAL 20082.1 MEAN 54.9 MAX 816 MIN 4.0
WTR YR 1989 TOTAL 26899.9 MEAN 73.7 MAX 743 MIN 4.8

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 mi^2, approximately.

PERIOD OF RECORD.--March 1988 to September 1989.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1988 to September 1989.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C, June 24, July 27, Aug. 1, 1988; minimum, 8.5°C, Jan. 18, Feb. 25, 26, Mar. 3, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.5°C, Aug. 7, 8; minimum, 8.5°C, Jan. 18, Feb. 25, 26, Mar. 3.

TEMPERATURE(°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC--Continued

TEMPERATURE(°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, SC

LOCATION.--Lat 33°44'12'', long 80°57'30'', Calhoun County, Hydrologic Unit 03050110, at center, downstream side of box culvert on U.S. Highway 21, 0.1 mi downstream from Rock Branch, 11.6 mi northwest of St. Matthews, and at mile 8.2.

DRAINAGE AREA.--10.0 mi^2.

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

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 164.21 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except estimated daily discharges: Feb. 2 - 6, Feb 17, July 13 - 17, Sept. 14, which are poor.

AVERAGE DISCHARGE.--23 years, 13.4 ft^3/s, 18.13 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, 3.6 ft^3/s, June 2, 1988, gage height, 0.47 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Sept. 22	1030	*75	*3.19				

Minimum, 5.9 ft^3/s, Sept. 21, gage height, 0.74.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	15	7.4	10	8.9	11	11	12	6.9	8.4	8.3	8.0
2	7.8	11	7.2	8.1	9.9	12	11	12	6.9	6.9	9.3	7.8
3	11	10	7.2	11	8.3	18	11	9.7	6.8	6.7	7.6	8.5
4	14	9.8	7.1	9.9	8.1	15	11	9.2	6.8	31	7.5	7.8
5	9.5	13	6.9	8.1	9.4	17	11	11	6.8	37	7.3	11
6	8.6	12	7.0	7.6	15	17	11	14	6.9	16	7.1	21
7	8.0	10	7.0	7.5	10	16	12	10	6.7	11	7.0	13
8	7.7	9.4	7.0	7.5	9.3	13	14	9.2	6.7	9.6	6.9	9.5
9	7.8	9.4	7.4	7.6	8.6	13	21	11	13	9.9	6.9	8.5
10	7.4	9.3	7.4	9.2	8.3	12	24	20	7.4	8.6	7.0	8.0
11	7.3	9.0	7.1	8.3	8.3	11	24	13	6.7	7.8	6.9	7.8
12	7.0	8.7	7.0	7.9	8.5	11	17	11	6.6	7.3	6.8	7.6
13	6.7	8.8	7.0	8.2	8.5	11	15	9.9	6.6	6.9	6.8	7.2
14	6.9	8.6	7.0	8.0	8.5	11	14	9.4	6.6	8.0	6.8	7.7
15	7.1	8.4	7.0	8.0	8.3	11	17	11	6.6	13	7.6	7.2
16	7.2	8.4	8.9	7.6	8.2	16	16	9.3	7.8	10	8.1	7.2
17	6.8	12	8.1	7.3	7.8	12	14	8.8	8.2	8.7	10	7.1
18	6.6	9.3	7.4	8.4	8.9	11	13	8.4	6.7	8.1	8.1	6.7
19	6.7	8.7	7.1	9.5	8.8	9.9	12	8.2	7.2	13	8.3	6.5
20	6.7	8.6	7.0	9.4	12	9.5	12	8.2	9.6	17	7.5	6.3
21	9.7	8.3	7.1	9.2	19	10	12	8.1	7.9	14	7.4	6.9
22	8.8	7.9	7.0	9.1	17	11	12	7.8	15	22	7.1	49
23	8.1	10	7.0	9.0	13	27	12	7.7	19	16	7.0	18
24	7.8	10	7.1	9.0	13	28	12	7.6	9.0	11	8.5	11
25	7.5	8.4	6.9	9.0	11	18	11	7.4	7.1	9.7	9.0	10
26	7.7	7.9	6.8	9.9	11	15	11	7.1	6.8	9.2	7.5	15
27	8.5	7.8	6.8	11	10	14	11	7.1	6.7	8.6	7.3	11
28	8.6	8.7	7.0	9.6	12	13	10	7.0	7.9	8.3	24	9.1
29	8.4	7.6	6.9	9.6	---	13	9.8	7.0	14	7.8	18	9.0
30	8.0	7.5	6.8	9.3	---	13	9.2	7.0	14	7.7	9.9	9.0
31	14	---	8.2	9.2	---	12	---	6.9	---	7.7	8.7	---
TOTAL	256.1	283.5	222.8	273.0	289.6	431.4	401.0	296.0	254.9	366.9	266.2	322.4
MEAN	8.26	9.45	7.19	8.81	10.3	13.9	13.4	9.55	8.50	11.8	8.59	10.7
MAX	14	15	8.9	11	19	28	24	20	19	37	24	49
MIN	6.6	7.5	6.8	7.3	7.8	9.5	9.2	6.9	6.6	6.7	6.8	6.3

CAL YR 1988 TOTAL 3762.8 MEAN 10.3 MAX 43 MIN 3.7
WTR YR 1989 TOTAL 3663.8 MEAN 10.0 MAX 49 MIN 6.3

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC

LOCATION.--Lat 33°43'52'', long 80°37'43'', Calhoun County, Hydrologic unit 03050110, 200 ft downstream from Trezesvants boat landing, 1.0 mi downstream from confluence of Wateree and Congaree Rivers, 3.9 mi east, southeast, of Fort Motte and at mile 123.3.

DRAINAGE AREA.--14,100 mi^2, approximately.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (South Carolina Public Service Authority bench mark). Prior to October 1, 1988, gage at same site at datum 69.57 ft higher.

REVISIONS.--The datum for water years 1986, 1987, and 1988 should be revised from 68.73 ft to 69.57 ft.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 85.52 ft, Mar. 4, 1987 (maximum observed gage height, 87.47 ft, Mar. 5, 1987, by South Carolina Public Service Authority personnel); minimum gage height, 73.71 ft, Dec. 31, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 82.38 ft, Mar. 29; minimum, 73.71 ft, Dec. 31.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.37	75.70	77.01	73.91	74.71	79.34	81.27	76.60	78.04	78.30	78.74	79.05
2	75.25	76.71	77.49	74.67	74.81	80.18	80.92	77.15	78.03	77.26	78.36	---
3	75.21	76.42	78.03	76.57	74.80	80.61	80.44	78.63	77.06	76.74	78.12	---
4	75.41	76.58	77.93	77.33	75.20	80.97	80.25	79.59	76.01	76.73	78.36	---
5	76.73	76.61	77.36	77.59	75.37	81.16	79.79	79.78	75.64	77.39	78.89	---
6	77.41	76.32	76.96	77.74	74.72	81.13	79.22	79.57	76.10	79.29	78.77	---
7	77.60	76.55	77.10	77.00	74.08	81.05	79.55	79.37	76.20	79.97	78.13	---
8	77.86	76.61	76.94	76.35	74.20	81.07	79.84	79.58	76.11	80.20	78.40	---
9	77.44	76.03	76.35	75.68	74.74	81.27	79.85	79.77	76.12	80.24	77.96	---
10	76.63	75.62	75.73	75.59	74.72	81.47	79.87	79.54	76.13	79.74	76.84	---
11	76.27	75.36	75.37	76.22	74.95	81.22	80.14	79.61	76.69	79.77	76.40	---
12	76.19	75.35	75.18	76.08	74.92	80.63	80.27	79.94	76.40	79.84	76.23	77.29
13	76.07	75.42	76.97	75.46	75.00	80.07	80.26	79.86	75.73	79.84	75.85	77.69
14	76.40	75.60	78.47	75.96	74.98	79.68	79.97	79.42	76.44	79.71	75.77	76.55
15	76.51	75.63	77.53	76.75	74.65	79.41	79.44	79.08	76.53	79.60	75.60	76.77
16	76.21	75.62	76.09	76.68	74.25	78.97	79.65	79.20	76.22	79.52	75.57	77.20
17	75.90	75.60	76.47	76.58	74.13	78.63	80.12	79.48	75.69	79.22	75.68	76.50
18	75.96	75.55	77.15	76.85	74.94	78.09	80.47	79.46	76.72	79.26	76.01	75.74
19	75.92	75.49	76.83	76.34	75.50	77.93	80.37	79.26	77.40	80.02	75.97	75.61
20	75.63	75.45	76.20	75.31	75.25	77.81	79.93	78.71	77.40	80.47	76.75	75.89
21	75.62	75.26	75.06	74.68	75.73	78.09	79.39	77.90	77.99	80.65	77.28	77.21
22	75.55	75.29	74.42	75.32	77.11	78.23	79.04	77.42	78.79	80.67	77.70	79.40
23	75.83	75.30	74.16	75.85	79.20	78.68	78.59	78.05	79.34	80.57	78.48	80.47
24	76.00	75.33	74.04	75.71	80.03	79.75	77.96	78.52	79.90	80.28	78.76	79.86
25	75.84	75.50	74.08	75.25	80.28	80.46	77.43	78.31	79.96	80.23	78.64	78.92
26	76.38	75.43	74.06	75.11	80.19	81.15	78.18	78.24	79.70	80.19	78.74	79.21
27	76.08	75.28	73.85	74.63	79.79	81.94	78.61	78.71	79.93	80.06	78.80	79.73
28	75.63	75.13	73.83	74.57	79.31	82.22	78.57	78.03	80.09	79.86	77.70	79.52
29	75.59	75.19	73.84	74.45	---	82.28	77.91	77.24	79.91	79.70	77.95	79.43
30	75.50	75.71	73.77	74.29	---	82.06	76.92	76.34	79.29	79.28	78.45	79.34
31	75.53	---	73.76	74.34	---	81.62	---	77.17	---	78.55	78.84	---
MEAN	76.11	75.72	75.87	75.77	75.98	80.23	79.47	78.69	77.52	79.46	77.54	78.07
MAX	77.86	76.71	78.47	77.74	80.28	82.28	81.27	79.94	80.09	80.67	78.89	80.47
MIN	75.21	75.13	73.76	73.91	74.08	77.81	76.92	76.34	75.64	76.73	75.57	75.61

CAL YR 1988 TOTAL 8605.99 MEAN 25.16 MAX 78.47 MIN 4.47
WTR YR 1989 TOTAL 27524.36 MEAN 77.53 MAX 82.28 MIN 73.76

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1988 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 32.0°C, July 24, 1988; minimum, 7.5°C, Feb. 26, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.0°C, Aug. 5, 22; minimum, 7.5°C, Feb. 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02169920 LAKE MARION NEAR STUMPHOLE LANDING NEAR LONE STAR, SC

LOCATION.--Lat 33°34'31'', long 80°31'37'', Calhoun County, Hydrologic Unit 03050110, on right bank on dock owned by Mr. Lloyd Kirkland, and 0.5 mi southeast of Lone Star, SC.

DRAINAGE AREA.--14,100 mi^2, approximately.

PERIOD OF RECORD.--June 1987 to October 1989 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (South Carolina Public Service Authority Benchmark).

REMARKS.--Flow is regulated by operation of Lake Marion Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 76.67 ft, Apr. 2, 1989; minimum, 72.54 ft, Jan. 19, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 76.67 ft, Apr. 2; minimum, 72.71 ft, Jan. 3 - 4.

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	75.66	75.02	74.76
2	---	---	---	---	---	---	---	---	---	75.59	75.07	74.79
3	---	---	---	---	---	---	---	---	---	75.54	75.08	74.74
4	---	---	---	---	---	---	---	---	74.81	75.52	75.05	74.64
5	---	---	---	---	---	---	---	---	74.87	75.52	75.01	74.81
6	---	---	---	---	---	---	---	---	74.92	75.53	75.00	---
7	---	---	---	---	---	---	---	---	75.04	75.56	75.03	---
8	---	---	---	---	---	---	---	---	75.13	75.59	75.06	---
9	---	---	---	---	---	---	---	---	75.16	75.51	75.12	---
10	---	---	---	---	---	---	---	---	75.18	75.42	75.16	---
11	---	---	---	---	---	---	---	---	75.26	75.41	75.20	---
12	---	---	---	---	---	---	---	---	75.13	75.52	75.28	---
13	---	---	---	---	---	---	---	---	75.02	75.63	75.27	---
14	---	---	---	---	---	---	---	---	75.09	75.61	75.12	---
15	---	---	---	---	---	---	---	---	75.12	75.62	75.00	---
16	---	---	---	---	---	---	---	---	75.13	75.58	75.04	---
17	---	---	---	---	---	---	---	---	75.10	75.59	75.04	---
18	---	---	---	---	---	---	---	---	75.09	75.48	74.92	---
19	---	---	---	---	---	---	---	---	75.16	75.42	74.84	---
20	---	---	---	---	---	---	---	---	75.18	75.36	74.86	---
21	---	---	---	---	---	---	---	---	75.20	75.28	74.86	---
22	---	---	---	---	---	---	---	---	75.23	75.25	74.74	---
23	---	---	---	---	---	---	---	---	75.24	75.30	74.62	---
24	---	---	---	---	---	---	---	---	75.33	75.34	74.62	75.02
25	---	---	---	---	---	---	---	---	75.39	75.31	74.60	74.87
26	---	---	---	---	---	---	---	---	75.42	75.20	74.57	74.78
27	---	---	---	---	---	---	---	---	75.38	75.07	74.52	74.82
28	---	---	---	---	---	---	---	---	75.46	74.99	74.46	74.82
29	---	---	---	---	---	---	---	---	75.62	75.02	74.47	74.70
30	---	---	---	---	---	---	---	---	75.69	75.04	74.57	74.57
31	---	---	---	---	---	---	---	---	---	75.01	74.68	---
MEAN	---	---	---	---	---	---	---	---	75.20	75.40	74.90	74.78
MAX	---	---	---	---	---	---	---	---	75.69	75.66	75.28	75.02
MIN	---	---	---	---	---	---	---	---	74.81	74.99	74.46	74.57

WTR YR 1987 TOTAL 7587.02 MEAN 75.12 MAX 75.69 MIN 74.46

02169920 LAKE MARION NEAR STUMPHOLE LANDING NEAR LONE STAR, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.47	73.77	73.94	72.89	73.24	73.43	74.21	75.04	74.71	74.24	73.79	73.96
2	74.54	73.80	73.98	72.98	73.16	73.40	74.25	75.07	74.69	74.24	73.79	74.02
3	74.39	73.81	74.05	73.04	73.15	73.36	74.29	75.09	74.73	74.21	73.80	74.10
4	74.23	73.79	74.02	73.04	73.15	73.37	74.26	75.06	74.73	74.15	73.87	74.10
5	74.17	73.77	74.18	72.99	73.14	73.38	74.17	74.92	74.70	74.14	73.85	74.17
6	74.11	73.75	74.32	73.03	73.08	73.39	74.12	74.81	74.64	74.10	73.81	74.29
7	73.97	73.73	74.37	73.08	73.17	73.38	73.89	74.84	74.58	74.03	73.79	74.31
8	73.94	73.73	74.33	73.11	73.24	73.32	74.01	74.98	74.55	74.00	73.81	74.32
9	74.00	73.75	74.26	73.18	73.34	73.31	74.17	75.02	74.52	74.02	73.83	74.56
10	73.92	73.79	74.21	73.21	73.49	73.31	74.31	75.00	74.59	74.03	73.86	74.67
11	73.90	73.63	74.10	73.14	73.62	73.46	74.45	75.01	74.54	74.04	73.82	74.81
12	73.89	73.58	73.98	73.08	73.47	73.53	74.41	74.98	74.56	74.01	73.83	74.94
13	73.77	73.60	73.95	72.99	73.40	73.46	74.29	74.92	74.55	74.05	73.81	74.96
14	73.76	73.65	73.91	72.91	73.52	73.39	74.53	74.91	74.57	74.07	73.78	74.99
15	73.71	73.68	73.80	72.81	73.58	73.26	74.58	74.90	74.56	74.05	73.79	74.97
16	73.67	73.77	73.55	72.70	73.48	73.37	74.67	74.84	74.53	73.96	73.80	75.04
17	73.64	73.84	73.47	72.64	73.64	73.52	74.76	74.89	74.52	73.93	73.73	75.08
18	73.65	73.84	73.50	72.60	73.60	73.66	74.83	74.88	74.52	73.93	73.65	75.13
19	73.68	73.90	73.49	72.56	73.60	73.65	74.91	74.90	74.52	73.90	73.61	75.15
20	73.67	73.79	73.53	72.60	73.63	73.66	74.95	74.86	74.49	73.88	73.66	75.15
21	73.56	73.73	73.55	72.64	73.65	73.80	74.91	74.86	74.41	73.85	73.63	75.12
22	73.54	73.75	73.55	72.71	73.68	73.98	74.95	74.83	74.37	73.81	73.72	75.10
23	73.49	73.71	73.49	72.80	73.68	73.95	75.03	74.83	74.34	73.84	73.69	75.08
24	73.48	73.70	73.41	73.05	73.62	74.03	75.09	74.78	74.38	73.83	73.62	75.06
25	73.51	73.71	73.34	73.22	73.62	74.11	75.14	74.83	74.47	73.87	73.57	75.09
26	73.55	73.74	73.23	73.27	73.55	74.07	75.13	74.83	74.39	73.86	73.56	75.10
27	73.50	73.84	73.15	73.41	73.42	74.03	75.18	74.81	74.41	73.84	73.56	75.09
28	73.52	73.80	73.05	73.44	73.45	74.10	75.05	74.72	74.39	73.89	73.79	75.08
29	73.61	73.85	72.80	73.46	73.48	74.13	75.06	74.79	74.31	73.85	73.83	75.06
30	73.67	73.91	72.84	73.39	---	74.17	75.04	74.80	74.27	73.79	73.84	74.99
31	73.72	---	72.86	73.31	---	74.17	---	74.77	---	73.79	73.90	---
MEAN	73.81	73.76	73.68	73.01	73.44	73.65	74.62	74.90	74.52	73.97	73.75	74.78
MAX	74.54	73.91	74.37	73.46	73.68	74.17	75.18	75.09	74.73	74.24	73.90	75.15
MIN	73.48	73.58	72.80	72.56	73.08	73.26	73.89	74.72	74.27	73.79	73.56	73.96

WTR YR 1988 TOTAL 27080.46 MEAN 73.99 MAX 75.18 MIN 72.56

02169920 LAKE MARION NEAR STUMPHOLE LANDING NEAR LONE STAR, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM) WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.97	74.68	74.31	72.75	73.20	74.15	76.51	74.73	74.88	75.76	75.83	75.12
2	74.92	74.70	74.42	72.78	73.21	74.15	76.62	74.63	74.88	75.79	75.80	75.17
3	74.88	74.82	74.50	72.85	73.23	74.20	76.52	74.74	74.92	75.75	---	75.24
4	74.85	74.86	74.60	72.95	73.23	74.28	76.39	74.93	74.94	75.70	75.48	75.25
5	74.92	74.92	74.70	73.11	73.20	74.40	76.28	75.02	74.94	75.61	75.48	75.22
6	74.98	74.91	74.78	73.11	73.17	74.57	76.04	75.00	74.99	75.62	75.43	75.16
7	74.97	74.89	74.77	73.16	73.18	74.65	75.84	75.03	74.98	75.53	75.35	75.13
8	75.02	74.89	74.78	73.22	73.15	74.66	75.76	75.21	74.92	75.45	75.34	75.10
9	75.12	74.79	74.72	73.26	73.12	74.73	75.73	75.33	74.87	75.55	75.43	75.05
10	75.12	74.73	74.52	73.20	73.15	74.85	75.73	75.34	74.77	75.62	75.35	74.97
11	75.06	74.68	74.21	73.13	73.18	75.05	75.70	75.25	74.73	75.60	75.24	74.91
12	75.01	74.68	73.97	73.19	73.23	75.14	75.70	75.18	74.78	75.53	75.13	74.84
13	74.99	74.62	73.68	73.26	73.35	75.15	75.65	75.14	74.72	75.55	74.96	74.85
14	74.97	74.63	73.60	73.24	73.39	75.03	75.62	75.17	74.77	75.61	74.87	74.88
15	74.95	74.65	73.61	73.15	73.40	74.89	75.55	75.13	74.82	75.77	74.84	74.93
16	74.97	74.65	73.70	73.14	73.39	74.83	75.43	75.08	74.89	76.03	74.89	74.94
17	75.01	74.58	73.57	73.22	73.29	74.75	75.31	75.10	74.90	76.14	74.86	74.90
18	75.00	74.62	73.54	73.26	73.18	74.68	75.19	75.17	74.94	76.12	74.92	74.80
19	74.99	74.61	73.54	73.31	73.20	74.63	75.14	75.20	75.03	76.10	74.94	74.73
20	75.05	74.67	73.56	73.30	73.29	74.66	75.13	75.21	75.17	76.10	74.89	74.75
21	74.99	74.65	73.53	73.26	73.44	74.54	75.02	75.30	75.22	76.13	74.86	74.71
22	74.87	74.66	73.41	73.16	73.51	74.59	74.92	75.32	75.22	76.13	74.88	75.09
23	74.90	74.57	73.23	73.08	73.55	74.62	74.79	75.23	75.28	76.13	74.93	75.16
24	74.89	74.52	73.10	73.18	73.54	74.58	74.67	75.23	75.30	76.09	75.00	75.32
25	74.91	74.51	73.06	73.23	73.80	74.63	74.51	75.31	75.39	76.02	75.14	75.44
26	74.92	74.47	73.07	73.22	73.89	74.67	74.42	75.30	75.46	75.92	75.23	75.54
27	74.96	74.52	73.01	73.22	74.05	74.87	74.44	75.23	75.47	75.88	75.26	75.61
28	74.99	74.31	72.93	73.18	74.14	75.27	74.54	75.15	75.51	75.86	75.26	75.58
29	74.95	74.36	72.85	73.16	---	75.75	74.59	75.10	75.56	75.88	75.16	75.55
30	74.90	74.33	72.77	73.17	---	76.24	74.65	75.00	75.69	75.93	75.06	75.56
31	74.86	---	72.73	73.21	---	76.41	---	74.91	---	75.91	75.10	---
MEAN	74.96	74.65	73.77	73.15	73.38	74.83	75.41	75.12	75.06	75.83	75.16	75.12
MAX	75.12	74.92	74.78	73.31	74.14	76.41	76.62	75.34	75.69	76.14	75.83	75.61
MIN	74.85	74.31	72.73	72.75	73.12	74.15	74.42	74.63	74.72	75.45	74.84	74.71

CAL YR 1988 TOTAL 27145.45 MEAN 74.17 MAX 75.18 MIN 72.56
WTR YR 1989 TOTAL 27194.30 MEAN 74.71 MAX 76.62 MIN 72.73

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.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical datum of 1929 (levels by Harza Engineering Co.).

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; Dam completed in 1941. Usable capacity, 47,930,000,000 ft^3 between elevations 60.0 ft (limit of drawdown) 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 for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (affected by high winds); minimum, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 76.58 ft, Mar. 31; minimum, 72.69 ft, Dec. 31.

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 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.91	74.76	74.41	72.78	73.28	74.10	76.46	74.77	74.86	75.73	75.89	75.11
2	74.86	74.81	74.49	72.86	73.29	74.16	76.44	74.74	74.87	75.71	75.78	75.19
3	74.93	74.84	74.55	73.32	73.27	74.21	76.38	74.77	74.94	75.62	75.67	75.24
4	74.91	74.88	74.64	73.07	73.22	74.28	76.29	74.80	74.94	75.69	75.57	75.21
5	74.91	74.96	74.74	73.07	73.24	74.38	76.21	74.97	74.93	75.61	75.52	75.18
6	74.99	74.98	74.81	73.13	73.26	74.61	75.99	75.12	75.00	75.61	75.47	75.14
7	75.00	74.93	74.80	73.19	73.29	74.64	75.82	75.12	74.94	75.53	75.42	75.13
8	75.03	74.87	74.80	73.29	73.31	74.68	75.73	75.22	74.83	75.53	75.39	75.09
9	75.09	74.75	74.62	73.32	73.22	74.75	75.71	75.29	74.87	75.60	75.41	75.02
10	75.13	74.73	74.37	73.21	73.24	74.87	75.73	75.36	74.77	75.64	75.33	74.94
11	75.11	74.69	74.10	73.21	73.32	75.02	75.69	75.26	74.74	75.60	75.20	74.88
12	75.02	74.67	73.89	73.29	73.34	75.09	75.64	75.16	74.78	75.64	75.10	74.82
13	75.00	74.66	73.66	73.30	73.41	75.04	75.61	75.12	74.74	75.64	74.90	74.85
14	74.98	74.67	73.57	73.23	73.44	74.92	75.53	75.10	74.76	75.66	74.85	74.90
15	74.98	74.66	73.66	73.21	73.43	74.81	75.52	75.16	74.80	75.92	74.93	74.92
16	75.03	74.64	73.69	73.24	73.34	74.75	75.34	75.11	74.88	76.13	74.90	74.95
17	75.04	74.62	73.63	73.28	73.25	74.70	75.21	75.12	74.93	76.20	74.91	74.89
18	75.04	74.62	73.56	73.33	73.25	74.65	75.15	75.19	74.97	76.13	74.93	74.80
19	75.02	74.64	73.55	73.36	73.28	74.60	75.12	75.21	75.09	76.13	74.91	74.80
20	75.02	74.76	73.57	73.37	73.38	74.57	75.03	75.28	75.15	76.10	74.85	74.74
21	75.01	74.68	73.51	73.24	73.55	74.52	74.96	75.33	75.19	76.10	74.84	74.49
22	74.94	74.64	73.28	73.22	73.75	74.51	74.85	75.30	75.22	76.10	74.90	75.08
23	74.93	74.64	73.16	73.22	73.97	74.64	74.73	75.32	75.30	76.12	74.88	75.22
24	74.99	74.56	73.12	73.27	73.80	74.58	74.60	75.28	75.33	76.07	75.07	75.34
25	74.97	74.50	73.13	73.28	73.87	74.58	74.49	75.33	75.37	75.93	75.12	75.54
26	74.98	74.46	73.11	73.28	74.01	74.65	74.42	75.29	75.43	75.86	75.17	75.56
27	74.98	74.50	72.99	73.30	74.11	74.89	74.46	75.20	75.44	75.89	75.20	75.53
28	75.01	74.49	72.98	73.22	74.16	75.33	74.52	75.04	75.51	75.89	75.19	75.54
29	74.92	74.39	72.85	73.24	---	75.78	74.57	74.97	75.58	75.88	75.10	75.54
30	74.89	74.37	72.73	73.30	---	76.23	74.62	74.91	75.66	75.93	75.06	75.51
31	74.86	---	72.71	73.29	---	76.50	---	74.87	---	75.90	75.08	---
MAX	75.13	74.98	74.81	73.37	74.16	76.50	76.46	75.36	75.66	76.20	75.89	75.56
MIN	74.86	74.37	72.71	72.78	73.22	74.10	74.42	74.74	74.74	75.53	74.84	74.49
[+]	39.0	37.0	30.4	32.6	36.1	46.5	38.0	39.1	42.6	43.7	40.0	41.9
[*]	-75	-772	-2464	821	1447	3883	-3279	411	1350	411	-1381	733

CAL YR 1988 * 3 MAX 75.13 MIN 72.44
WTR YR 1989 * 86 MAX 76.50 MIN 72.71

[+] 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.--Indeterminate.

PERIOD OF RECORD.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.0 ft above National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi upstream of temporary water-stage recorder operated by Corps of Engineers, at site 200 ft upstream, at different datum.

REMARKS.--Discharge records for 1987-88 water years computed by utilization of the One-Dimentional unsteady flow simulation model. 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 and lower Santee. Seepage from north dike of Lake Marion Dam bypasses station via Little River.
Water Year 1986.--No estimated daily discharges. Records poor.
Water Year 1987.--Estimated daily discharges: Mar. 24 to July 7. Records poor.
Water Year 1988.--Estimated daily discharges: Jan. 24 to Feb. 29. Records poor.

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).

DISCHARGE FOR 1989 WATER YEAR WILL BE INCLUDED WITH 1990 WATER RESOURCES DATA

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38'', long 80°57'38'', Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge records for 1986-88 are computed by utilization of the One-Dimentional unsteady flow simulation model. 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 the Cooper River and the lower Santee River. Negative flow is observed during initial releases from St. Stephens power house.
Water Year 1986.--Estimated daily discharges: Oct. 1-3. Records poor.
Water Year 1987.--Estimated daily discharges: Apr. 1 to May 19. Records poor.
Water Year 1988.--Estimated daily discharges: Jan. 22 to Mar. 2. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 75,800 ft^3/s, Mar. 7, 1987; minimum daily, -1330 ft^3/s, Feb. 3, 1986.

DISCHARGE FOR 1989 WATER YEAR WILL BE INCLUDED WITH 1990 WATER RESOURCES DATA

02171620 CRAWL CREEK NEAR PINEVILLE, SC

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 1988 TO SEPTEMBER 1989

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
OCT									
24...	1845	101	7.20	16.5	4.0	34	756	7.0	72
NOV									
30...	1230	100	6.70	12.0	7.0	55	762	8.2	76
DEC									
30...	1500	78	6.50	11.0	>1000	550	766	7.6	69
JAN									
31...	0730	100	6.80	16.0	70	65	762	8.6	87
FEB									
28...	1500	95	6.80	14.5	10	75	758	8.8	87
MAR									
15...	1715	111	6.80	20.0	6.0	60	760	7.8	86
APR									
24...	1400	110	6.80	20.5	5.0	120	761	7.0	78

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT									
24...	1.2	3	880	420	50	40	1	100	5.2
NOV									
30...	7.7	5	1400	960	80	50	4	95	16
DEC									
30...	2.5	635	9300	360	300	80	614	100	81
JAN									
31...	1.5	4	1200	810	80	60	4	100	7.0
FEB									
28...	0.8	5	1000	580	70	50	9	89	7.1
MAR									
15...	1.1	5	1400	520	50	30	1	100	7.3
APR									
24...	1.7	2	1000	990	100	60	3	100	16

02171620 CRAWL CREEK NEAR PINEVILLE, SC-Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989-Continued

DATE	TIME	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	TUR-BID-ITY (NTU)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)
MAY									
30...	1730	99	7.10	24.0	11	90	766	5.5	65
JUN									
30...	1200	95	7.10	24.5	6.0	65	763	6.1	73
JUL									
31...	0900	99	6.80	25.0	30	50	764	5.1	62
AUG									
31...	1130	108	6.50	25.0	6.0	70	763	4.7	57
SEP									
20...	1715	95	6.80	21.5	39	40	759	5.4	61

DATE	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	SEDI-MENT, SUS-PENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
MAY									
30...	0.7	22	2400	2000	140	80	24	88	7.5
JUN									
..	0.2	9	1800	1300	100	80	8	100	5.9
JUL									
31...	4.0	59	3000	800	320	240	46	100	12
AUG									
31...	1.1	13	1400	600	80	60	12	100	13
SEP									
20...	1.0	50	4300	760	430	310	60	100	14

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

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, SC

LOCATION.--Lat 33°25'26'', long 79°51'40'', Berkeley County, Hydrologic Unit 03050112, on right bank, 3.2 mi downstream from St. Stephens Powerhouse, 0.8 mi upstream from Santee River, and 3.0 mi west of St.Stephens.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year.

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

REMARKS.--Discharge computed by utilization of the One-Dimentional unsteady flow simulation model. Flow is regulated by the St. Stephens Powerhouse. Water is diverted above station from Lake Moultrie for generation of power and for navigation, then discharged into the West Branch Cooper River (see station 02172002). During periods of no gage-height record values of daily mean discharge from St. Stephens Powerhouse were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges. Records poor. Estimated daily discharges: Oct. 13 - 17, Dec. 12 - 18, Sept. 12 - 30.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 25,500 ft^3/s, Feb. 9, 10, 1987; minimum daily discharge, 0 ft^3/s, several days each year.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharges, 24,700 ft^3/s, Mar. 14; minimum daily, 0 ft^3/s, several days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70	2110	.00	45	9.0	19100	23900	5340	7600	3470	10200	5200
2	57	51	41	40	17	19700	22800	1260	2840	6510	18200	6180
3	55	220	36	41	18	23400	20900	6810	1590	7170	18000	1380
4	45	270	33	2140	16	23800	20700	7040	314	7990	12000	11300
5	38	1800	49	5780	20	24000	19400	8800	449	8520	10500	7700
6	36	3090	2820	954	31	24100	17500	7240	3040	13600	10200	3620
7	39	3790	3930	.00	16	23800	15300	5430	4980	20600	8840	3640
8	27	11100	6370	37	19	24000	16100	12700	4200	14200	5250	9150
9	716	3810	13700	5300	327	24000	15500	19900	539	11700	12500	8360
10	2200	442	10300	5670	3.0	24200	13400	21600	6170	15200	8830	10400
11	2290	1860	8090	1670	21	24300	12200	22000	888	14000	3630	8120
12	1060	14	16600	.00	18	24500	17100	21800	301	12500	13300	5520
13	4710	60	19000	1950	9.0	24500	23800	19500	597	8430	10200	997
14	2320	55	987	13200	140	24700	23800	20200	1470	6450	4080	.00
15	1590	51	492	3210	20	24100	24000	16900	217	2010	963	3370
16	480	1820	13400	343	17	16500	24000	14400	237	3700	1510	4580
17	940	180	9780	3070	969	18100	24300	10700	198	10700	345	7600
18	480	1190	6320	3370	.00	14300	24000	9790	158	20000	4080	.00
19	41	1.0	4010	2540	18	12700	24100	12000	162	21000	8050	.00
20	.00	38	3120	2450	1.0	13700	23600	2230	173	21600	5750	7750
21	.00	28	7540	2860	37	8020	20700	3540	10000	22000	2520	13900
22	709	1560	14300	5040	37	13200	20200	8190	3460	22400	3330	.00
23	18	2200	6430	230	6500	16300	19700	9790	7840	22500	8600	.00
24	8.0	2710	845	1570	9180	21600	16900	3940	9070	22100	1820	.00
25	1060	4610	87	2270	15900	23200	11800	9030	8620	21600	7640	.00
26	.00	426	4080	1700	15000	23600	7420	13600	11500	18500	6920	.00
27	10	14	4260	.00	11700	23700	8190	14900	10400	14800	10100	.00
28	6.0	42	3890	2540	16800	23800	5370	15000	10200	14500	11200	.00
29	3870	4490	4990	.00	---	23800	6360	8000	7320	16100	13300	.00
30	746	2470	205	49	---	23700	2900	8970	1950	16200	11900	.00
31	4130	---	19	312	---	24000	---	8530	---	12800	11800	---
TOTAL	27751.00	50502.0	165724.00	68381.00	76843.00	652420	525940	349130	116483	432850	255558	118767.00
MEAN	895	1683	5346	2206	2744	21050	17530	11260	3883	13960	8244	3959
MAX	4710	11100	19000	13200	16800	24700	24300	22000	11500	22500	18200	13900
MIN	.00	1.0	.00	.00	.00	8020	2900	1260	158	2010	345	.00

CAL YR 1988 TOTAL 1007414.00 MEAN 2752 MAX 19000 MIN .00
WTR YR 1989 TOTAL 2840349.00 MEAN 7782 MAX 24700 MIN .00

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC

LOCATION.--Lat 33°24'05'', long 79°31'20'', Berkeley County, Hydrologic Unit 02150112, on right bank, on Tract 13P of Francis Marion National Forest, 3.9 mi east of St. Stephens, 600 ft downstream from Mattassee Lake, and at mile 52.0.

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

REMARKS.--At times of high water, samples are collected at U. S. Highway 17A bridge, approximately 10 miles downstream from gage.

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
OCT 24...	1630	147	7.50	18.5	2.6	15	756	9.4	101
NOV 30...	1530	130	7.40	14.0	5.0	5	763	9.0	87
DEC 30...	1100	125	7.20	11.0	2.0	17	766	9.8	88
JAN 31...	0700	148	7.20	14.0	4.5	21	762	9.4	91
FEB 28...	1330	135	7.10	10.5	5.0	16	758	10.9	98
MAR 15...	1500	150	7.40	12.0	4.0	15	760	10.7	100
APR 24...	1600	125	6.90	18.5	7.0	50	761	6.3	67

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 24...	0.8	0	480	310	100	80	0	--	3.8
NOV 30...	1.1	1	230	90	20	<10	1	100	5.2
DEC 30...	1.0	<1	390	200	80	40	1	100	5.2
JAN 31...	1.4	<1	690	520	150	140	<1	100	3.6
FEB 28...	1.0	32	310	50	20	<10	26	93	4.2
MAR 15...	2.5	3	160	40	10	<10	2	100	4.3
APR 24...	1.0	3	1100	360	60	50	1	100	6.2

02171650 SANTEE RIVER BELOW ST. STEPHENS, SC-Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989-Continued

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
MAY									
30...	1900	102	7.20	26.0	10	20	766	6.9	85
JUN									
30...	0930	105	7.20	29.0	7.0	16	765	6.2	80
JUL									
31...	1045	107	7.10	29.0	10	25	763	5.7	74
AUG									
31...	0930	110	7.40	29.0	2.0	15	762	6.2	81
SEP									
20...	1900	100	7.00	24.5	16	30	758	6.4	77

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
MAY									
30...	1.1	23	680	410	60	60	25	89	7.3
JUN									
30...	0.3	13	340	60	40	10	12	100	5.4
JUL									
31...	1.3	9	470	150	70	30	13	96	4.9
AUG									
31...	1.1	11	350	70	50	10	15	99	5.1
SEP									
20...	0.5	16	1700	780	210	170	17	99	4.7

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

02171680 WEDBOO CREEK NEAR JAMESTOWN, SC

LOCATION.--Lat 33°19'50'', long 79°48'10'', Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on State Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.5 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi^2.

PERIOD OF RECORD.--September 1966 to February 1972, February 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.--Estimated daily discharges: Mar. 2 - 5, July 27 to Aug. 16. Records poor.

AVERAGE DISCHARGE.--21 years, 11.96 ft^3/s, 9.33 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, probably exceeded 1300 ft^3/s (possible backwater from swamp), Sept. 5, 1987, gage height, 7.59 ft; maximum gage-height, 9.49 ft, Mar. 10, 1987 (caused by backwater from Santee River). No flow for several days during water years 1966-69, 1973, 1974, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge 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)
Sept. 22	2330	*270	4.81	Sept. 26	0430	187	*5.07

Minimum daily, 0.43 ft^3/s, July 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.5	3.3	4.7	5.8	2.4	3.6	3.9	2.5	.65	.62	1.7	1.3
2	2.3	3.4	4.5	5.6	2.4	5.0	3.7	3.8	.59	.66	1.5	1.2
3	2.2	3.5	4.5	6.3	2.3	7.0	3.5	2.4	.56	.68	1.3	9.7
4	5.6	3.6	4.5	7.9	2.2	9.8	3.2	1.9	.63	.98	1.2	25
5	4.5	4.2	4.4	5.7	2.2	12	3.4	1.8	.63	1.0	1.1	26
6	2.8	4.9	4.3	4.9	2.2	19	3.5	2.7	2.8	.88	.98	27
7	2.2	5.1	3.8	4.6	2.4	23	3.2	2.3	2.5	.71	.90	20
8	2.0	5.0	3.3	4.4	2.3	22	3.1	1.9	1.8	.82	1.0	11
9	1.8	4.9	2.9	4.2	2.2	27	6.2	1.8	1.4	.78	1.2	6.4
10	1.8	5.0	2.6	3.9	2.0	25	23	6.1	1.0	.63	1.1	4.1
11	1.7	5.1	2.3	3.8	2.0	21	58	9.1	.81	.56	1.0	3.0
12	1.7	5.2	2.1	3.8	1.9	16	71	4.2	.89	.52	.98	2.3
13	1.5	5.5	1.8	3.6	1.9	13	50	2.7	.81	.44	1.1	1.9
14	1.6	5.6	1.5	3.6	1.9	11	34	2.2	.68	.43	1.2	1.9
15	1.7	5.4	1.4	5.1	1.9	9.2	34	2.7	.65	.83	2.9	2.2
16	1.7	5.3	1.7	5.0	1.9	7.6	55	2.7	.77	1.9	2.6	2.0
17	1.7	5.3	2.0	4.3	1.8	6.4	46	1.9	1.8	1.1	1.5	1.9
18	1.6	5.3	1.7	3.9	2.1	5.7	33	1.5	1.4	.78	2.8	1.7
19	1.6	5.0	1.5	3.7	2.2	5.1	24	1.2	.99	.74	2.9	1.5
20	1.7	5.1	1.4	3.7	2.1	4.4	18	1.0	1.0	1.2	1.6	1.7
21	2.3	5.0	1.4	3.7	4.8	4.3	20	.90	1.3	1.8	1.1	4.6
22	2.9	5.0	1.3	3.5	10	4.8	17	.84	1.0	3.5	.94	153
23	2.7	7.6	1.4	3.5	6.2	9.0	12	.78	.93	6.7	.78	241
24	2.7	9.7	2.1	3.3	4.3	19	9.3	.73	1.2	7.0	2.6	161
25	2.6	5.8	2.9	3.1	4.1	14	7.2	.70	2.1	1.9	4.2	129
26	2.5	4.9	3.8	3.0	3.8	11	5.1	.67	1.1	1.2	1.7	159
27	2.7	4.7	3.9	3.2	3.5	9.1	3.6	.64	.84	2.0	1.2	110
28	2.7	5.1	3.8	3.1	3.5	7.4	2.8	.61	.70	1.5	1.0	79
29	2.8	5.2	3.9	2.5	---	6.0	2.4	.67	.65	1.3	1.3	59
30	3.1	4.9	4.0	2.4	---	5.2	2.1	.68	.69	1.4	.90	47
31	3.1	---	4.2	2.6	---	4.7	---	.66	---	1.3	1.7	---
TOTAL	74.3	153.6	89.6	127.7	82.5	347.3	561.2	64.28	32.87	45.86	47.98	1294.4
MEAN	2.40	5.12	2.89	4.12	2.95	11.2	18.7	2.07	1.10	1.48	1.55	43.1
MAX	5.6	9.7	4.7	7.9	10	27	71	9.1	2.8	7.0	4.2	241
MIN	1.5	3.3	1.3	2.4	1.8	3.6	2.1	.61	.56	.43	.78	1.2

CAL YR 1988 TOTAL 2593.33 MEAN 7.09 MAX 66 MIN .60
WTR YR 1989 TOTAL 2921.59 MEAN 8.00 MAX 241 MIN .43

02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17'', long 79°40'42'', Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.1 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--No estimated daily discharges; records poor, (1987-88 water years). Discharge computed by utilization of the One-Dimentional unsteady flow simulation model. Discharge 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 daily discharge, 89,500 ft^3/s, Mar. 9, 1987, maximum gage height, 32.0 ft, Apr. 15, 1936; minimum daily discharge, 460 ft^3/s, Nov. 13, 1986, minimum gage height, 0.61 ft, Nov. 21, 1974.

DISCHARGE FOR 1989 WATER YEAR WILL BE INCLUDED WITH THE 1990 WATER YEAR RESOURCES DATA

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.

LOCATION.--Lat 33°14'43'', long 79°31'20'', Berkeley County, Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see station 02171000) and rediversion from St. Stephens powerplant (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 27.69 ft, Mar. 10, 1987; minimum, 11.77 ft, Jan. 25, 1979 and Mar. 17, 1981.

EXTREMES FOR CURRENT YEAR--Maximum gage height, 22.37 ft, Apr. 16, 17; mininum, 12.97 ft, Nov. 28.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.14	14.49	15.84	17.36	15.33	16.48	16.06	13.75	15.08	16.35	13.77	15.15
2	16.87	14.26	15.58	16.73	14.31	15.65	15.53	13.45	14.50	16.33	13.75	15.05
3	16.72	14.35	15.60	16.55	14.32	15.51	15.59	13.42	14.53	16.23	13.69	15.01
4	16.63	14.30	15.58	16.53	14.27	15.48	15.73	13.32	14.55	15.68	13.13	14.35
5	16.94	14.46	15.73	17.02	14.55	15.61	16.60	13.82	15.19	17.66	14.02	16.55
6	17.04	14.58	15.83	16.81	14.18	15.37	16.44	13.68	15.04	17.84	15.41	16.47
7	17.11	14.99	16.13	16.68	14.45	15.73	17.01	14.40	15.88	16.84	14.20	15.43
8	16.97	14.74	15.93	17.65	14.83	16.47	17.13	15.15	16.13	17.02	14.04	15.46
9	17.25	14.54	15.96	17.91	16.55	17.15	18.32	16.05	17.42	17.37	13.84	15.44
10	17.28	14.98	16.25	17.59	15.13	16.34	19.12	17.82	18.52	18.31	16.25	17.27
11	17.42	15.18	16.23	16.75	14.18	15.54	19.34	18.50	18.90	17.89	15.79	16.94
12	17.14	14.59	15.82	17.38	14.63	15.96	19.61	18.71	19.18	17.46	14.37	15.93
13	17.14	14.32	15.84	17.01	14.35	15.56	19.87	19.17	19.52	16.27	13.34	14.75
14	17.54	15.21	16.31	16.61	13.61	15.01	19.93	19.35	19.62	17.50	14.35	16.46
15	17.19	14.54	15.83	16.65	13.79	15.14	19.55	17.49	18.69	18.53	16.50	17.72
16	16.92	14.30	15.60	16.72	14.10	15.34	18.41	16.70	17.72	17.29	14.29	15.86
17	16.76	14.10	15.39	16.81	14.01	15.56	19.16	18.04	18.70	16.70	14.12	15.62
18	16.98	14.40	15.63	16.89	13.98	15.46	19.10	18.24	18.65	16.98	14.94	15.89
19	16.79	14.23	15.52	17.18	14.67	15.97	18.69	17.45	18.09	16.61	14.90	15.63
20	17.32	14.50	15.96	16.96	14.19	15.47	17.82	15.80	16.82	16.79	14.58	15.58
21	17.32	14.95	16.23	16.08	13.49	14.72	17.62	15.43	16.68	17.02	14.37	15.74
22	17.12	14.29	15.76	16.86	13.44	15.27	18.63	16.64	17.73	17.67	15.09	16.51
23	17.32	14.63	16.04	17.56	14.69	16.13	18.87	17.89	18.34	17.70	15.37	16.63
24	17.22	14.44	15.80	17.56	14.95	16.15	18.26	16.12	17.32	17.15	14.71	16.03
25	17.12	13.89	15.54	17.76	15.28	16.62	16.97	14.50	15.68	16.93	14.49	15.78
26	17.30	14.60	15.88	17.58	15.10	16.29	16.85	14.01	15.60	16.61	14.40	15.53
27	17.29	14.22	15.77	16.88	14.32	15.52	17.68	15.69	16.66	16.50	13.88	15.08
28	17.07	14.23	15.58	16.24	12.97	14.48	16.94	14.68	15.74	16.65	14.09	15.48
29	16.91	13.83	15.62	16.46	13.11	14.82	17.14	15.39	16.25	16.64	13.75	15.20
30	17.62	15.24	16.40	16.92	15.12	15.99	17.06	14.49	15.90	15.94	13.11	14.54
31	17.49	15.09	16.47	---	---	---	16.44	13.91	15.16	15.36	13.17	14.34
MONTH	17.62	13.83	15.86	17.91	12.97	15.69	19.93	13.32	16.90	18.53	13.11	15.72

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.11	13.58	14.71	19.07	18.55	18.91	21.98	21.89	21.94	17.61	15.65	16.81
2	15.86	13.37	14.47	19.59	18.99	19.42	22.04	21.94	22.00	17.76	16.03	16.94
3	15.87	13.05	14.37	20.28	19.55	20.09	22.10	22.01	22.06	18.07	14.92	16.37
4	16.10	13.05	14.67	20.98	20.25	20.69	22.15	22.06	22.10	18.70	17.14	17.90
5	17.03	13.84	15.48	21.47	20.98	21.27	22.19	22.11	22.15	18.99	17.12	17.93
6	17.02	13.99	15.48	21.75	21.41	21.59	22.18	22.12	22.15	18.89	17.12	18.00
7	16.88	13.91	15.30	21.95	21.69	21.80	22.19	22.10	22.15	18.65	16.82	17.73
8	16.77	13.74	15.20	22.10	21.91	22.00	22.12	21.98	22.05	18.65	17.00	17.63
9	16.57	13.79	15.14	22.18	22.07	22.12	22.04	21.94	22.00	19.10	18.08	18.47
10	16.64	13.63	15.05	22.21	22.08	22.15	22.04	21.99	22.02	19.26	18.80	19.01
11	16.28	13.37	14.77	22.13	22.09	22.12	22.16	22.05	22.13	19.91	19.31	19.61
12	15.87	13.34	14.50	22.15	22.10	22.13	22.24	22.16	22.21	20.65	19.93	20.40
13	16.03	13.41	14.71	22.15	22.10	22.13	22.28	22.22	22.25	20.96	20.65	20.85
14	16.02	13.26	14.48	22.13	22.07	22.11	22.29	22.24	22.27	21.01	20.87	20.95
15	15.64	13.11	14.32	22.11	22.05	22.08	22.36	22.26	22.33	20.97	20.79	20.88
16	15.69	13.12	14.41	22.07	21.93	22.02	22.37	22.33	22.36	20.78	20.40	20.61
17	16.44	13.65	15.21	21.93	21.62	21.83	22.37	22.34	22.35	20.38	20.01	20.20
18	17.24	14.56	15.89	21.61	21.19	21.41	22.36	22.31	22.33	20.00	18.79	19.39
19	16.96	14.43	15.66	21.17	20.70	20.91	22.33	22.28	22.30	19.37	18.64	19.01
20	16.86	14.23	15.54	20.69	20.20	20.43	22.32	22.27	22.30	19.24	17.96	18.63
21	16.72	14.19	15.42	20.23	19.36	19.79	22.33	22.27	22.30	18.23	15.59	16.94
22	16.43	13.97	15.18	19.52	18.83	19.19	22.29	22.09	22.19	18.21	15.88	16.80
23	16.78	13.83	15.05	19.77	19.12	19.39	22.10	21.84	21.96	18.20	16.69	17.44
24	17.77	16.20	16.64	19.80	19.32	19.54	21.87	21.59	21.73	18.20	16.82	17.58
25	18.58	17.28	17.76	20.36	19.58	19.84	21.61	21.20	21.41	17.87	15.81	16.66
26	18.69	18.12	18.38	21.00	20.37	20.64	21.22	20.47	20.86	18.23	17.28	17.63
27	18.69	18.06	18.36	21.38	21.00	21.15	20.55	19.50	20.02	18.45	17.74	18.08
28	18.79	18.38	18.55	21.57	21.39	21.47	19.72	18.55	19.14	19.10	18.07	18.63
29	---	---	---	21.74	21.58	21.67	18.98	17.71	18.30	19.28	18.47	18.89
30	---	---	---	21.85	21.74	21.82	18.33	16.53	17.51	18.84	17.81	18.40
31	---	---	---	21.94	21.84	21.91	---	---	---	18.57	17.31	18.09
MONTH	18.79	13.05	15.52	22.21	18.55	21.08	22.37	16.53	21.63	21.01	14.92	18.47

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.27	16.79	17.75	18.36	15.53	17.07	20.21	19.44	19.84	19.00	18.19	18.61
2	18.01	16.52	17.45	18.22	15.88	17.17	19.95	19.47	19.66	18.39	16.86	17.60
3	17.45	14.70	16.24	18.34	16.54	17.36	20.02	19.58	19.77	17.85	16.30	17.20
4	17.02	14.22	15.71	18.44	16.81	17.52	20.02	19.51	19.78	18.61	15.61	16.97
5	16.64	13.75	15.15	18.42	17.19	17.75	19.85	19.18	19.52	18.70	18.07	18.39
6	17.11	13.83	15.11	18.43	17.40	17.77	19.51	18.80	19.17	18.57	17.28	17.99
7	17.54	15.38	16.26	18.62	17.95	18.23	19.22	18.40	18.80	17.92	16.21	17.17
8	17.71	15.55	16.34	18.74	18.35	18.56	18.81	17.38	18.26	18.00	16.46	17.43
9	17.49	14.34	15.93	18.97	18.48	18.68	18.49	17.44	18.03	18.19	17.07	17.74
10	16.03	13.71	15.01	18.97	18.50	18.75	18.57	17.95	18.28	18.39	17.09	17.85
11	17.05	14.99	16.18	19.00	18.60	18.80	18.72	17.97	18.35	18.32	17.33	17.92
12	16.62	14.39	15.60	19.12	18.63	18.86	18.38	16.91	17.75	18.43	17.12	17.88
13	16.02	13.73	15.00	18.95	18.50	18.78	18.67	17.79	18.18	18.07	16.31	17.38
14	16.34	13.43	14.81	18.63	17.78	18.34	18.59	17.67	18.19	17.55	15.14	16.52
15	16.37	13.79	15.04	18.22	17.06	17.80	17.94	15.91	17.14	17.55	14.43	15.97
16	16.38	13.75	14.98	17.61	15.03	16.45	17.44	14.66	16.11	17.78	15.55	16.57
17	16.58	13.53	14.91	18.11	15.22	16.45	17.31	14.79	16.10	17.99	15.77	16.80
18	16.64	13.48	14.92	19.22	17.51	18.17	17.68	14.51	15.91	18.22	16.14	17.21
19	16.77	13.67	15.04	19.81	18.68	19.12	18.28	16.12	16.98	---	---	---
20	16.72	13.71	15.08	20.51	19.54	19.88	18.29	16.81	17.63	---	---	---
21	17.98	14.04	15.40	20.98	20.52	20.73	18.23	16.20	17.30	---	---	---
22	18.00	15.97	17.09	---	---	---	17.36	15.03	16.22	---	---	---
23	17.74	15.69	16.49	---	---	---	17.26	15.27	16.38	---	---	---
24	18.08	16.86	17.37	21.75	21.63	21.42	17.84	16.00	17.06	---	---	---
25	18.30	17.21	17.71	21.91	21.75	21.84	17.68	14.85	16.36	---	---	---
26	18.39	17.13	17.80	21.91	21.84	21.88	18.33	16.72	17.65	---	---	---
27	18.43	17.52	18.01	21.84	21.61	21.75	18.47	16.69	17.74	---	---	---
28	18.56	17.49	18.09	21.61	21.14	21.37	18.65	17.36	18.05	---	---	---
29	18.60	17.58	18.14	21.12	20.69	20.88	18.84	17.76	18.30	---	---	---
30	18.54	17.19	18.02	20.72	20.33	20.54	18.97	18.01	18.48	---	---	---
31	---	---	---	20.55	19.99	20.26	19.01	18.15	18.59	---	---	---
MONTH	18.60	13.43	16.22	---	---	---	20.21	14.51	17.92	---	---	---

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79° 23'05'', Georgetown County, Hydrologic Unit 03050112, near left bank at Hopsewee Plantation, 0.1 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 3.47 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.35 ft, Mar. 11, 1987; minimum, 0.03 ft, Jan. 25, 1975.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.10 ft, Sept. 22; minimum, 0.85 ft, Jan. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.80	2.78	4.81	6.37	3.29	4.90	5.07	1.83	3.51	6.03	2.32	4.16
2	6.54	2.76	4.65	5.97	2.93	4.52	4.91	1.82	3.31	6.06	2.23	4.15
3	6.35	2.96	4.76	6.05	2.83	4.63	5.02	1.72	3.43	6.01	1.46	4.07
4	6.31	2.94	4.70	6.11	3.13	4.69	5.23	1.83	3.56	5.26	.85	3.25
5	6.57	3.12	4.96	6.54	2.62	4.68	6.23	2.14	4.18	6.71	2.00	4.76
6	6.71	3.25	5.08	6.01	2.36	4.05	6.08	1.91	3.96	7.12	2.60	4.57
7	6.75	3.65	5.36	5.62	1.72	3.81	6.12	1.85	4.04	6.44	1.70	4.16
8	6.57	3.25	5.07	6.20	2.11	4.21	6.33	1.99	4.15	6.85	2.06	4.42
9	6.78	3.01	5.10	6.48	2.44	4.42	6.97	2.18	4.55	6.77	1.82	4.34
10	6.87	3.27	5.21	6.72	2.52	4.49	7.21	2.65	5.04	7.35	2.71	5.12
11	6.68	2.93	4.79	6.34	2.15	4.25	7.11	2.77	4.94	6.93	2.70	4.84
12	6.51	2.36	4.46	6.84	2.71	4.83	7.40	3.24	5.35	6.69	2.07	4.40
13	6.56	2.52	4.55	6.67	2.74	4.55	7.28	3.60	5.33	5.80	1.32	3.46
14	6.60	2.59	4.56	6.38	2.15	4.12	6.92	3.20	4.95	6.34	2.62	4.54
15	6.48	2.40	4.39	6.39	2.36	4.27	6.21	2.62	4.45	6.80	2.17	4.42
16	6.45	2.50	4.44	6.39	2.61	4.43	6.63	2.77	4.76	6.19	1.56	3.68
17	6.43	2.56	4.42	5.95	1.99	4.13	7.12	2.80	5.05	6.21	2.04	4.11
18	6.53	2.72	4.55	6.30	2.58	4.42	6.74	2.65	4.73	6.25	1.97	4.02
19	6.45	2.56	4.49	6.66	2.69	4.93	6.55	2.46	4.33	5.81	1.68	3.69
20	6.96	3.16	5.14	6.65	2.30	4.45	6.51	2.19	4.15	6.13	1.64	3.74
21	7.00	3.13	5.38	5.89	1.68	3.74	6.61	1.77	4.25	6.29	1.44	4.16
22	6.77	2.40	4.75	6.77	1.75	4.48	6.78	2.07	4.65	6.79	2.51	4.78
23	7.04	2.56	5.08	6.96	2.36	4.73	7.28	2.92	5.07	6.99	3.04	5.01
24	7.00	2.48	4.80	6.93	2.42	4.74	6.91	2.63	4.64	6.63	2.72	4.69
25	6.88	1.82	4.57	6.85	2.40	4.60	6.35	2.07	4.05	6.15	2.32	4.18
26	6.90	2.46	4.75	6.63	2.19	4.34	6.46	2.03	4.21	5.84	2.17	3.98
27	7.03	2.47	4.87	6.37	2.16	4.19	6.64	2.65	4.59	5.65	2.09	3.80
28	6.82	2.63	4.63	5.49	1.23	3.12	5.87	2.01	3.85	5.91	2.58	4.30
29	6.58	2.31	4.57	5.55	1.33	3.46	5.84	2.21	4.00	5.86	2.13	3.89
30	6.85	3.10	5.06	5.70	2.33	3.93	5.91	2.58	4.22	5.55	1.71	3.50
31	6.91	3.76	5.39	---	---	---	5.86	2.47	4.07	4.82	2.08	3.45
MONTH	7.04	1.82	4.82	6.96	1.23	4.34	7.40	1.72	4.37	7.35	.85	4.18

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.85	1.88	3.74	5.79	3.41	4.50	6.53	4.91	5.73	6.55	2.53	4.76
2	5.67	1.54	3.55	6.40	3.91	5.04	7.03	5.07	6.10	6.51	2.03	4.46
3	5.81	1.45	3.48	7.11	3.66	5.49	7.08	5.28	6.17	7.04	2.02	4.57
4	5.92	1.25	3.90	6.74	3.65	5.16	7.28	5.30	6.25	7.52	2.87	5.21
5	6.94	2.14	4.65	7.08	3.68	5.49	7.56	5.39	6.40	7.63	2.66	5.28
6	6.92	2.03	4.53	7.28	4.14	5.84	7.46	5.34	6.33	7.26	2.63	5.05
7	6.81	1.92	4.30	7.62	4.52	6.12	7.32	5.29	6.33	7.06	2.43	4.80
8	6.75	1.72	4.25	7.92	5.37	6.69	7.41	5.33	6.23	7.02	2.65	4.81
9	6.42	1.76	4.05	8.20	5.81	6.93	7.32	5.22	6.16	6.96	2.93	4.81
10	6.37	1.60	3.92	8.27	6.10	7.15	7.27	5.42	6.20	6.85	3.06	4.59
11	6.17	1.47	3.67	8.23	6.12	7.11	7.34	5.63	6.36	6.47	3.38	4.76
12	5.75	1.61	3.49	7.91	5.77	6.72	7.38	5.80	6.49	6.32	3.65	4.99
13	5.86	1.79	3.76	7.55	5.88	6.76	7.18	5.75	6.43	6.28	3.92	5.06
14	5.87	1.37	3.44	7.34	5.62	6.42	6.98	5.74	6.36	6.38	4.05	5.24
15	5.44	1.41	3.37	7.11	5.31	6.14	7.16	5.82	6.52	6.53	4.18	5.37
16	5.56	1.45	3.59	6.72	5.39	6.00	7.07	5.80	6.47	6.33	3.95	5.19
17	6.27	2.16	4.43	7.06	5.21	6.19	7.15	5.75	6.41	6.54	3.68	5.12
18	6.85	2.65	4.91	6.75	4.93	5.81	7.13	5.71	6.40	6.85	3.51	5.12
19	6.71	2.66	4.74	6.73	4.55	5.66	7.07	5.59	6.29	7.16	3.43	5.18
20	6.65	2.45	4.65	7.06	4.53	5.83	7.55	5.73	6.62	7.01	3.21	5.07
21	6.51	2.25	4.42	6.49	3.49	5.13	7.86	6.06	6.88	6.78	2.54	4.66
22	6.15	2.08	4.13	7.26	3.44	5.39	7.51	5.91	6.77	6.84	2.42	4.49
23	5.92	1.80	3.77	7.41	4.27	5.89	7.44	5.45	6.36	6.52	2.61	4.49
24	6.23	1.97	3.76	6.74	3.34	5.27	7.11	5.25	6.21	6.46	2.50	4.22
25	6.50	2.74	4.48	6.63	3.53	4.97	6.82	4.84	5.76	6.60	2.42	4.26
26	6.41	2.87	4.46	6.52	3.85	5.09	6.72	4.30	5.38	6.74	2.68	4.47
27	5.82	3.09	4.34	6.40	4.08	5.11	6.70	3.90	5.24	6.45	2.64	4.41
28	6.11	2.78	4.19	6.32	4.34	5.14	6.63	3.78	5.12	7.14	3.10	5.30
29	---	---	---	6.39	4.64	5.32	6.90	3.24	5.04	7.13	3.56	5.57
30	---	---	---	6.50	4.92	5.59	6.50	2.63	4.68	6.98	2.91	5.09
31	---	---	---	6.57	4.85	5.70	---	---	---	6.98	2.57	4.86
MONTH	6.94	1.25	4.07	8.27	3.34	5.80	7.86	2.63	6.12	7.63	2.02	4.88
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.89	2.24	4.57	7.44	2.76	5.38	6.84	3.24	4.97	6.93	3.57	5.28
2	6.96	2.09	4.43	7.19	2.66	5.15	7.29	3.64	5.34	6.46	2.86	4.75
3	6.81	1.77	4.31	7.06	2.47	4.84	7.18	3.88	5.56	6.61	2.85	4.86
4	6.71	1.71	4.18	7.08	2.63	4.83	6.57	3.66	5.30	6.82	3.44	5.19
5	6.39	1.68	3.93	6.82	2.79	4.84	6.30	3.39	4.86	6.91	4.17	5.52
6	6.70	1.88	3.97	6.41	2.64	4.48	6.50	3.34	4.95	6.95	3.82	5.37
7	6.69	2.35	4.32	6.03	2.59	4.15	6.50	3.39	4.90	6.97	3.96	5.50
8	6.69	2.37	4.30	5.91	2.51	4.13	6.79	3.37	5.10	6.97	4.01	5.52
9	6.47	2.08	4.03	6.00	2.84	4.48	6.87	3.70	5.31	6.90	3.50	5.14
10	5.34	1.66	3.51	6.15	3.09	4.58	6.47	3.47	4.96	6.90	3.42	5.14
11	6.04	2.29	4.20	6.08	2.83	4.37	6.52	3.32	4.85	6.91	3.13	5.04
12	6.11	2.64	4.44	6.33	2.89	4.47	6.72	3.08	4.82	7.16	3.05	5.18
13	5.60	2.12	3.95	6.31	2.93	4.48	6.81	2.96	4.78	7.26	3.14	5.32
14	5.83	1.69	3.73	6.59	2.63	4.42	6.94	2.94	4.89	6.91	2.61	5.03
15	5.98	1.95	3.85	7.00	3.11	4.99	6.99	2.60	4.85	6.78	2.19	4.61
16	6.16	2.05	4.03	6.56	2.40	4.53	6.84	2.31	4.62	6.78	2.33	4.66
17	6.45	1.85	4.00	6.85	2.14	4.35	6.82	2.30	4.57	6.91	2.44	4.71
18	6.50	1.79	4.00	7.33	2.73	4.85	6.77	2.20	4.52	7.30	2.72	5.12
19	6.61	2.00	4.12	7.49	3.39	5.42	6.93	2.60	4.87	6.98	2.64	4.86
20	6.56	2.03	4.14	7.22	3.42	5.34	7.06	2.89	4.99	6.69	2.31	4.61
21	6.64	1.91	4.06	7.19	3.96	5.57	6.94	2.78	4.81	9.38	3.23	6.16
22	6.72	2.30	4.35	6.96	4.34	5.61	6.53	2.19	4.36	10.10	4.51	7.45
23	6.70	2.28	4.35	6.87	4.36	5.57	6.40	2.02	4.20	6.55	3.22	4.83
24	6.71	2.59	4.54	6.82	4.45	5.64	6.61	2.24	4.30	7.29	3.42	5.39
25	6.63	2.69	4.76	7.19	4.85	6.01	6.74	2.32	4.64	7.36	4.34	5.89
26	6.65	2.66	4.76	7.27	5.13	6.18	7.10	3.26	5.36	6.64	2.94	4.96
27	6.72	2.56	4.69	7.11	5.01	6.04	7.12	3.12	5.28	7.32	3.11	5.46
28	7.03	2.59	4.89	6.84	4.59	5.66	7.04	2.99	5.09	7.16	3.71	5.59
29	7.14	2.66	5.00	7.16	4.18	5.59	7.08	3.04	5.09	6.98	3.26	5.23
30	7.71	3.39	5.65	7.35	4.25	5.77	6.91	2.98	4.98	6.79	2.95	4.94
31	---	---	---	6.96	3.71	5.39	7.02	3.16	5.05	---	---	---
MONTH	7.71	1.66	4.30	7.49	2.14	5.07	7.29	2.02	4.91	10.10	2.19	5.24
YEAR	10.10	.85	4.85									

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°11'40'', long 79°16'36'', Georgetown County, Hydrologic Unit 03050112, near left bank at AIW in Annandale Plantation, 6.5 mi southeast of North Santee. Prior to Feb. 21, 1986 at site 600 ft downstream.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to current year. Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 18.08 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.38 ft, Sept. 22, 1989; minimum, 12.55 ft, Aug. 6, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.38 ft, Sept. 22; minimum, 14.19 ft, Jan. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	19.56	16.35	18.56	15.33	19.39	15.62	19.21	15.19	18.91	16.01
2	---	---	19.21	16.15	18.43	15.37	19.44	15.54	19.02	14.77	19.48	16.43
3	---	---	19.42	16.00	18.56	15.27	19.40	14.37	19.23	14.71	20.32	15.83
4	19.66	16.26	19.46	16.31	18.72	15.30	18.58	14.19	19.27	14.49	19.77	15.50
5	19.98	16.40	19.95	15.48	19.80	15.44	19.97	15.41	20.43	15.38	20.11	15.39
6	20.06	16.52	19.32	15.09	19.66	15.23	20.40	15.57	20.40	15.17	20.37	15.51
7	20.12	16.89	18.81	14.75	19.35	15.04	19.86	14.84	20.30	15.07	20.70	15.37
8	19.92	16.48	19.50	15.06	19.55	14.98	20.34	15.22	20.25	14.90	20.94	16.12
9	20.15	16.25	19.59	15.10	20.15	15.16	20.25	15.00	19.80	14.96	21.25	16.32
10	20.26	16.40	20.05	15.42	20.35	15.28	20.65	15.63	19.55	14.80	21.30	16.53
11	19.93	16.03	19.77	15.20	20.14	15.24	20.13	15.47	19.41	14.71	20.83	16.49
12	19.83	15.56	20.32	15.84	20.53	15.73	19.87	15.14	19.07	14.92	20.60	16.09
13	19.95	15.72	20.16	15.85	20.42	15.81	19.10	14.45	19.19	15.09	20.32	16.43
14	19.84	15.75	19.84	15.32	19.94	15.48	19.68	15.70	19.20	14.68	20.02	16.16
15	19.79	15.62	19.82	15.52	19.16	15.16	19.82	14.89	18.77	14.73	19.73	15.59
16	19.78	15.75	19.82	15.79	19.71	15.52	19.24	14.73	18.87	15.06	19.16	15.91
17	19.75	15.87	19.25	15.02	20.24	15.27	19.62	14.99	19.59	15.37	19.75	15.81
18	19.92	15.98	19.71	15.67	19.71	15.09	19.52	14.79	20.23	15.85	19.45	15.82
19	19.80	15.83	20.07	15.65	19.53	14.76	19.05	14.62	20.07	15.88	19.73	15.64
20	20.36	16.40	20.15	14.90	19.60	14.76	19.47	14.66	20.04	15.69	20.18	16.24
21	20.44	15.80	19.34	14.71	19.89	14.74	19.71	14.48	19.83	15.46	19.49	15.42
22	20.18	15.63	20.34	14.84	19.87	14.84	20.14	15.49	19.46	15.33	20.43	15.47
23	20.53	15.68	20.46	15.36	20.49	15.46	20.31	15.97	19.31	15.11	20.60	16.51
24	20.49	15.64	20.45	15.36	20.03	15.19	20.05	15.85	19.20	14.93	19.76	15.41
25	20.44	14.97	20.25	15.35	19.73	15.09	19.52	15.37	19.55	15.54	19.72	15.60
26	20.46	15.40	20.14	15.36	19.90	15.24	19.19	15.31	19.21	15.48	19.55	15.64
27	20.64	15.51	19.96	15.58	19.85	15.67	18.95	15.29	19.07	15.79	19.32	15.59
28	20.37	15.71	18.73	14.76	19.16	15.18	19.25	15.87	19.16	15.41	19.20	15.62
29	20.05	15.43	19.10	14.85	18.89	15.25	19.06	15.41	---	---	19.10	15.66
30	20.20	16.16	18.99	15.66	19.01	15.79	18.84	15.03	---	---	19.22	15.82
31	20.35	16.91	---	---	19.16	15.81	18.15	15.41	---	---	19.27	15.16
MONTH	---	---	20.46	14.71	20.53	14.74	20.65	14.19	20.43	14.49	21.30	15.16

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	19.06	15.51	19.84	15.45	20.07	14.74	20.86	15.73	19.94	15.10	20.02	16.04
2	19.78	15.62	19.81	14.89	20.20	14.70	20.51	15.54	20.45	15.68	19.50	15.65
3	19.76	15.39	20.56	15.00	20.34	14.76	20.26	15.25	20.34	16.02	19.71	15.57
4	20.04	15.26	20.82	15.39	20.25	14.84	20.27	15.40	19.70	15.80	20.05	16.57
5	20.43	15.21	20.97	15.22	19.96	14.89	19.89	15.53	19.30	15.53	20.03	16.55
6	20.24	15.10	20.57	15.19	20.20	15.09	19.43	15.37	19.51	15.63	20.09	16.58
7	20.11	14.74	20.25	15.15	19.82	15.36	18.84	15.12	19.56	15.78	20.21	16.94
8	20.25	15.18	20.17	15.40	19.65	15.42	18.98	14.95	19.93	16.09	20.21	17.08
9	20.14	15.31	20.03	15.40	19.56	15.24	19.04	15.34	20.00	16.67	20.05	16.39
10	20.13	15.75	19.76	15.43	18.68	14.91	19.19	15.68	19.52	16.23	20.08	16.35
11	20.13	16.15	19.50	15.61	19.13	15.33	19.13	15.36	19.65	16.06	20.08	15.95
12	20.15	16.40	19.32	15.75	19.43	15.89	19.35	15.46	19.83	16.01	20.43	15.84
13	19.77	16.18	19.22	15.75	18.98	15.47	19.35	15.54	19.85	15.66	20.66	15.96
14	19.43	16.07	19.33	15.63	19.20	15.06	19.64	15.30	20.05	15.58	20.39	15.57
15	19.71	15.88	19.52	15.84	19.34	15.28	20.20	16.00	20.41	15.49	20.33	15.22
16	19.49	15.98	19.33	15.65	19.56	15.25	19.91	15.61	20.34	15.28	20.17	15.19
17	19.63	15.79	19.63	15.55	19.85	15.15	20.06	15.26	20.29	15.16	20.27	15.11
18	19.58	15.69	19.95	15.77	19.90	15.10	20.51	15.35	20.28	15.19	20.57	15.33
19	19.51	15.46	20.35	15.89	20.06	15.26	20.70	15.84	20.07	15.36	20.43	15.63
20	20.31	15.72	20.21	15.78	20.03	15.30	20.29	15.45	20.23	15.39	20.14	15.43
21	20.74	16.46	20.17	15.56	19.78	15.15	20.28	15.62	20.09	15.37	24.42	16.07
22	20.29	16.23	20.07	15.42	19.84	15.15	20.02	15.68	19.89	15.09	25.38	16.16
23	20.33	15.84	19.68	15.54	19.82	15.28	19.68	15.39	19.70	14.98	19.36	15.46
24	19.82	15.85	19.54	15.19	19.66	15.28	19.73	15.20	19.76	15.01	20.26	16.44
25	19.46	15.82	19.90	15.36	19.68	15.34	20.12	15.43	20.11	15.47	20.34	16.62
26	19.73	15.66	19.82	15.48	19.72	15.32	20.18	15.70	20.31	16.17	19.53	15.47
27	19.73	16.04	19.43	15.21	19.74	15.20	19.89	15.44	20.30	15.99	20.34	15.88
28	19.88	16.06	20.24	15.65	20.17	15.18	19.76	15.01	20.15	15.71	20.14	16.33
29	20.04	15.96	20.27	16.05	20.33	15.25	20.25	15.27	20.19	15.63	19.95	16.10
30	19.58	15.57	20.03	15.39	21.11	16.09	20.52	15.91	19.93	15.52	19.96	15.89
31	---	---	20.12	15.07	---	---	20.03	15.42	20.11	15.64	---	---
MONTH	20.74	14.74	20.97	14.89	21.11	14.70	20.86	14.95	20.45	14.98	25.38	15.11

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.

REMARKS.--Specific conductance values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 63,800 microsiemens, June 28, 1980; minimum, less than 100 microsiemens many days most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 49,500 microsiemens, Oct. 27; minimum, 200 microsiemens, many days in March and April.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	38500	25300	31700	25500	14700	18500	27300	9800	15700
2	---	---	---	31100	22300	25900	25600	16200	19500	26500	15200	20200
3	---	---	---	28600	20100	23800	25300	17700	21500	27200	16700	21700
4	31500	24200	27300	30700	21000	25500	27900	18500	23000	23100	16200	18900
5	35800	24300	28800	34700	19100	25800	38300	23000	29800	38400	16200	25300
6	37300	25600	31100	27400	16800	22400	36200	24800	30400	37500	14200	21800
7	38300	27100	33700	22800	16100	18000	33400	24200	28700	32100	10600	19200
8	37100	27600	33200	21500	13900	16800	28100	19400	23000	42500	15200	25200
9	38300	27500	33200	19700	10000	13400	35500	14700	20700	43000	17400	27400
10	39200	28300	33500	20700	9400	12700	30900	10800	16000	45100	22300	30500
11	35500	26500	30600	25900	9600	15100	15200	7800	9960	31900	18100	23000
12	27100	21800	24600	42400	12400	24900	31700	7500	14600	25000	15600	19200
13	30300	21900	24500	35600	17500	26900	24300	4900	10600	22700	14900	16700
14	28300	20100	23500	32500	19800	25900	8700	3400	5040	33800	17100	24300
15	25400	17500	20700	35600	22100	28600	12500	2600	4260	30800	8600	18200
16	27200	17400	21000	37900	25600	30700	30000	3000	9480	17400	7400	9740
17	28500	17400	22300	35200	23300	29400	21900	4300	11600	29800	7700	14700
18	30700	18300	23600	36000	25000	29200	16100	3600	6700	23200	10300	16900
19	29400	19300	23700	41200	25500	32900	11300	2000	3810	19800	9600	13200
20	41000	20500	28000	38100	23700	31100	13200	1000	3720	21100	10300	13600
21	40700	22600	31900	32400	23800	28300	22800	2600	9020	31000	10200	19300
22	36800	23400	31800	48100	25100	34400	26000	3900	11500	39100	15200	26000
23	45500	26100	33800	48100	29000	36200	29300	5500	11400	30700	18800	25600
24	42900	26700	34100	44600	27700	34000	11700	4400	6700	27500	18000	22900
25	46900	26000	34300	41200	26100	30700	24600	4200	8530	25000	16200	19900
26	46100	28000	35700	32200	20400	24300	29500	5800	16600	22700	14700	17700
27	49500	28700	36900	27000	16600	20900	26800	10200	19500	23400	12800	16800
28	44900	30300	36800	22800	16600	19400	20800	9000	13600	29900	14400	21900
29	42300	29100	35800	27500	15100	18900	22900	7500	11200	28200	13900	20800
30	42300	30200	35700	27700	16300	22000	24300	8400	14100	21700	13900	16900
31	42300	29400	35600	---	---	---	22100	9600	14300	22500	12400	16200
MONTH	49500	17400	30200	48100	9400	25300	38300	1000	14400	45100	7400	20000

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	27000	14400	20100	14600	2100	4820	1000	200	543	15000	3400	6510
2	25800	15000	20300	20000	3700	7270	3600	200	728	12600	2800	5960
3	27700	17300	22400	16600	4200	8780	1000	200	457	42000	4800	16100
4	38100	16400	27600	15400	2900	5750	1000	200	545	39000	9700	20900
5	49200	24100	36800	6500	200	2040	1100	400	675	43600	8100	17000
6	49400	27800	38400	2300	200	1220	1100	400	696	33300	4800	10300
7	48900	31800	38700	3000	300	1320	1000	400	698	24200	4200	8690
8	48500	32500	39300	20700	1200	5240	1100	400	658	14800	4800	9440
9	43700	34700	39600	8300	700	3040	1100	400	675	10600	4600	7070
10	42900	34900	39000	10300	400	2860	1100	400	731	6000	1300	3200
11	41400	32400	37100	8400	300	1880	2100	500	1100	9300	1600	4000
12	38600	32000	34500	2200	200	993	2200	400	1150	18800	1900	4210
13	39100	31300	34100	13200	400	3350	1300	400	840	8700	1300	2500
14	39200	26600	32600	2900	200	1610	1200	400	710	3600	500	1450
15	35000	26600	30300	2900	200	1370	1200	400	669	4900	400	1290
16	35200	27500	30800	2700	200	1330	1100	400	665	6300	700	2090
17	42800	29000	35400	2100	200	953	1200	400	696	17700	1800	5180
18	44900	31300	36800	1900	200	710	1100	400	631	17900	2300	5780
19	41800	32100	37300	1900	200	663	1100	300	627	12600	2700	5540
20	41400	32500	37100	12100	900	3280	7900	400	1520	11700	2500	4590
21	39900	30300	35400	2600	200	1200	5000	500	1700	18100	2900	6050
22	36100	29200	32200	13800	500	3950	1600	400	829	20900	4700	9190
23	34200	27700	30000	19200	4500	9760	1000	400	652	18900	6100	8360
24	28900	19000	25200	13200	3400	6070	900	300	585	19000	5000	7380
25	23700	14500	18300	6000	1600	3270	1000	300	608	23100	4300	8740
26	20000	4600	12000	11000	1300	2830	4200	400	1010	23300	5600	9970
27	8500	1400	5110	5100	500	1940	12200	800	3930	17200	4200	7250
28	6100	1500	3370	1600	200	898	14700	2000	5910	33600	4200	13600
29	---	---	---	1200	200	580	15700	2200	5680	23900	7000	14800
30	---	---	---	1000	200	536	12600	2100	5390	14000	4300	7220
31	---	---	---	900	200	505	---	---	---	15600	2800	5370
MONTH	49400	1400	29600	20700	200	2900	15700	200	1380	43600	400	7730
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24600	800	4310	43300	7700	18900	4100	400	1100	9600	2300	4920
2	35300	2000	6880	29800	9600	17700	19800	1100	4650	13700	1900	4310
3	43400	2400	12300	18400	8300	13000	17200	1700	5060	22000	2300	7590
4	43800	5500	18000	14700	6600	9510	5200	1500	2950	29700	5600	17500
5	40200	10300	20000	12100	5100	7030	9400	1300	2650	20200	3100	10900
6	42000	13300	23200	6800	2800	4370	21000	1300	5320	17000	2400	7720
7	30800	15600	24400	4000	600	2300	19700	1700	7060	18700	3100	10200
8	25900	13400	18700	6800	900	1920	28600	2200	10200	18600	5400	13500
9	17800	9300	12100	25400	1400	6360	29600	8000	18700	16400	4300	10200
10	18800	9100	12500	25400	2500	6900	25800	10600	17600	15700	4000	8650
11	25700	10500	17400	15800	2100	4810	25700	7600	13600	16300	3100	7380
12	28200	11700	19200	18100	1900	4800	22800	6700	12600	21700	3000	8500
13	20800	12200	17300	13400	1900	4060	26900	5800	11800	27800	3700	11200
14	22800	12700	17200	16400	1600	3830	25800	3200	9030	22700	5500	12300
15	24000	13300	18600	32400	3700	12700	24400	2900	8670	34800	6200	13400
16	30700	16300	22400	19900	4800	9900	31800	5000	13100	27000	7700	15500
17	37500	15700	25900	32300	4900	11000	29000	6400	15100	28300	6900	14200
18	42700	20000	28200	33900	5300	12900	33700	7500	17300	38100	7100	16700
19	44700	18600	30800	25100	4800	11700	27100	8400	17600	29200	8500	18700
20	44200	22100	32900	10700	1600	5490	18800	6300	12500	28900	11400	19800
21	41400	24900	33700	4700	600	2730	13800	4600	8210	48100	13200	25800
22	35800	24200	28800	6400	700	1910	27500	3800	8840	---	---	---
23	25200	15700	20500	2100	300	1050	18500	4700	10300	---	---	---
24	20100	12300	16200	2000	300	808	15800	5100	8580	---	---	---
25	22400	9700	14100	2700	300	908	23700	4300	11500	---	---	---
26	18500	6900	10900	1500	300	729	29100	7400	18000	---	---	---
27	17700	5300	8120	1000	300	573	20800	6000	13400	---	---	---
28	17200	4900	7320	800	300	508	20100	4800	9080	---	---	---
29	19100	5200	9290	2700	300	912	15700	3400	6390	---	---	---
30	45800	4700	16300	17700	900	3620	7800	2700	3920	---	---	---
31	---	---	---	9600	1200	2410	11700	1900	4610	---	---	---
MONTH	45800	800	18300	43300	300	5980	33700	400	9980	48100	1900	12300
YEAR	49500	200	14700									

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

GAGE-HEIGHT RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark). Prior to Mar. 4, 1987 at site 2.1 mi downstream, same datum.

REMARKS.--Tidal gage height affected at times by regulation from Lake Marion (see sta 02171080) and rediversion from St. Stephens powerplant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.92 ft, Mar. 10, 1989, but may have been higher during period of no gage-height record Sept. 21- 22, 1989; minimum, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.92 ft, Mar. 10, but may have been higher during period of no gage-height record Sept. 21- 22; minimum, 17.58 ft, Jan. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 to SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.92	19.42	21.64	23.26	19.78	21.61	22.23	18.77	20.50	23.08	19.10	21.04
2	23.68	19.49	21.51	22.91	19.56	21.32	22.18	18.83	20.40	23.19	19.07	21.05
3	23.38	19.67	21.66	23.15	19.52	21.46	22.28	18.80	20.53	23.14	17.88	20.94
4	23.37	19.71	21.56	23.22	19.79	21.57	22.39	18.79	20.67	22.33	17.58	20.18
5	23.69	19.85	21.84	23.66	18.99	21.52	23.52	18.89	21.26	23.68	18.83	21.47
6	23.79	19.93	21.97	23.03	18.64	20.81	23.44	18.77	20.93	24.14	18.97	21.24
7	23.82	20.30	22.23	22.56	18.23	20.45	23.13	18.52	20.75	23.62	18.26	20.99
8	23.65	19.90	21.93	23.23	18.52	20.82	23.33	18.45	20.82	24.04	18.64	21.28
9	23.86	19.67	21.96	23.39	18.56	20.94	23.87	18.59	21.06	23.97	18.42	21.20
10	23.96	19.80	22.01	23.79	18.82	21.16	24.05	18.71	21.48	24.32	19.06	21.71
11	23.67	19.44	21.53	23.54	18.66	21.05	23.95	18.70	21.30	23.91	18.91	21.42
12	23.59	19.00	21.26	24.04	19.23	21.65	24.28	19.20	21.71	23.63	18.60	21.12
13	23.69	19.15	21.33	23.94	19.26	21.36	24.16	19.37	21.61	22.94	17.96	20.26
14	23.59	19.15	21.25	23.56	18.79	20.97	23.70	18.97	21.17	23.47	19.11	21.21
15	23.55	19.10	21.19	23.57	18.95	21.12	22.98	18.63	20.73	23.57	18.37	20.82
16	23.51	19.20	21.29	23.58	19.20	21.27	23.47	18.94	21.26	23.04	18.15	20.32
17	23.49	19.32	21.29	22.95	18.47	20.83	23.98	18.71	21.38	23.36	18.43	20.87
18	23.65	19.44	21.39	23.50	19.07	21.21	23.48	18.57	21.07	23.33	18.33	20.73
19	23.52	19.28	21.33	23.84	19.07	21.74	23.35	18.30	20.73	22.83	18.10	20.40
20	24.08	19.85	22.00	23.90	18.47	21.27	23.38	18.27	20.71	23.23	18.10	20.46
21	24.13	19.32	22.20	23.17	18.21	20.57	23.63	18.20	20.86	23.50	17.92	20.91
22	23.94	19.02	21.60	24.07	18.25	21.37	23.66	18.29	21.13	23.87	18.87	21.47
23	24.19	19.09	21.94	24.21	18.79	21.48	24.20	18.88	21.49	24.04	19.38	21.70
24	24.20	19.11	21.63	24.18	18.77	21.50	23.79	18.66	21.17	23.83	19.27	21.47
25	24.13	18.39	21.47	24.01	18.76	21.35	23.50	18.57	20.81	23.32	18.83	20.92
26	24.17	18.84	21.54	23.90	18.82	21.24	23.67	18.70	21.03	22.96	18.80	20.75
27	24.32	18.92	21.70	23.68	19.03	21.24	23.63	19.08	21.23	22.72	18.78	20.63
28	24.09	19.12	21.44	22.43	18.32	20.19	22.92	18.67	20.56	23.02	19.36	21.14
29	23.81	18.87	21.38	22.84	18.32	20.54	22.67	18.76	20.70	22.82	18.90	20.69
30	23.95	19.58	21.80	22.71	19.12	20.84	22.74	19.31	20.98	22.54	18.60	20.38
31	24.06	20.35	22.19	---	---	---	22.86	19.32	20.94	21.85	18.91	20.36
MONTH	24.32	18.39	21.65	24.21	18.21	21.15	24.28	18.20	21.00	24.32	17.58	20.94

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	22.91	18.71	20.60	22.52	19.53	20.94	22.81	19.06	20.82	23.55	18.86	21.41
2	22.75	18.27	20.42	23.15	19.87	21.41	23.49	19.19	21.33	23.55	18.24	21.04
3	23.00	18.27	20.38	23.97	19.28	21.72	23.53	19.03	21.30	24.27	18.41	21.30
4	23.04	17.98	20.81	23.51	19.07	21.26	23.81	18.92	21.32	24.56	18.86	21.70
5	24.15	18.79	21.54	23.89	18.94	21.45	24.16	18.95	21.47	24.69	18.69	21.75
6	24.13	18.59	21.40	24.08	19.02	21.68	24.05	18.79	21.27	24.25	18.64	21.43
7	24.03	18.51	21.17	24.40	18.99	21.81	23.86	18.56	21.23	24.01	18.53	21.21
8	23.97	18.36	21.13	24.63	19.76	22.31	24.01	18.93	21.22	23.91	18.86	21.29
9	23.58	18.40	20.91	24.88	20.06	22.46	23.89	18.97	21.13	23.79	18.86	21.16
10	23.37	18.26	20.75	24.92	20.28	22.69	23.78	19.42	21.25	23.49	18.96	20.88
11	23.22	18.23	20.51	24.50	20.27	22.57	23.81	19.79	21.50	23.13	19.07	21.00
12	22.88	18.37	20.35	24.31	19.73	21.94	23.83	20.02	21.68	23.06	19.21	21.11
13	22.94	18.56	20.60	23.91	20.03	22.09	23.42	19.87	21.53	22.99	19.25	21.01
14	22.99	18.18	20.29	23.69	19.78	21.56	23.08	19.75	21.43	23.05	19.16	21.16
15	22.55	18.23	20.25	23.34	19.27	21.13	23.41	19.62	21.63	23.28	19.38	21.30
16	22.63	18.55	20.48	22.83	19.52	21.08	23.16	19.71	21.49	22.99	19.10	21.13
17	23.30	18.83	21.27	23.40	19.42	21.53	23.31	19.49	21.36	23.32	19.01	21.15
18	23.93	19.31	21.75	23.15	19.43	21.26	23.28	19.43	21.33	23.68	19.24	21.34
19	23.82	19.29	21.59	23.39	19.24	21.42	23.23	19.19	21.12	24.02	19.34	21.54
20	23.77	19.11	21.53	23.84	19.80	21.85	23.97	19.42	21.76	23.89	19.22	21.46
21	23.60	18.89	21.26	23.23	18.94	21.14	24.39	20.08	22.18	23.88	18.96	21.28
22	23.21	18.81	20.98	24.10	18.97	21.67	23.96	19.87	21.98	23.78	18.88	21.13
23	23.00	18.51	20.60	24.29	20.04	22.23	24.00	19.45	21.44	23.40	19.00	21.04
24	22.95	18.27	20.37	23.49	18.92	21.45	23.52	19.45	21.51	23.28	18.60	20.71
25	23.25	19.02	21.01	23.44	19.15	21.14	23.18	19.41	21.14	23.60	18.78	20.90
26	23.01	19.07	20.93	23.24	19.24	21.13	23.44	19.27	21.01	23.55	18.95	20.96
27	22.80	19.26	20.84	23.01	19.21	20.96	23.42	19.52	21.26	23.21	18.64	20.81
28	22.89	18.90	20.61	22.94	19.25	20.80	23.45	19.54	21.41	23.95	19.04	21.70
29	---	---	---	22.84	19.33	20.78	23.73	19.45	21.45	23.99	19.51	21.87
30	---	---	---	22.99	19.38	20.90	23.31	18.99	21.16	23.81	18.83	21.44
31	---	---	---	22.91	18.76	20.82	---	---	---	23.85	18.54	21.27
MONTH	24.15	17.98	20.87	24.92	18.76	21.52	24.39	18.56	21.39	24.69	18.24	21.24
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.81	18.25	21.01	24.57	19.15	22.02	23.62	18.58	20.97	---	---	---
2	23.97	18.19	20.90	24.22	18.96	21.73	24.16	19.15	21.54	---	---	---
3	24.08	18.22	20.99	24.02	18.69	21.36	24.06	19.47	21.76	---	---	---
4	24.01	18.24	20.95	24.02	18.84	21.33	23.45	19.23	21.48	---	---	---
5	23.76	18.34	20.77	23.65	18.97	21.30	23.07	19.01	21.04	---	---	---
6	23.95	18.53	20.82	23.21	18.82	20.92	23.27	19.06	21.26	---	---	---
7	23.56	18.86	21.00	22.65	18.64	20.55	23.31	19.24	21.29	---	---	---
8	23.41	18.87	20.93	22.77	18.47	20.50	23.62	19.53	21.59	---	---	---
9	23.30	18.79	20.74	22.80	18.80	20.87	23.73	20.05	21.87	---	---	---
10	22.46	18.35	20.33	22.92	19.17	20.99	23.27	19.70	21.48	---	---	---
11	22.83	18.77	20.86	22.88	18.84	20.76	23.39	19.56	21.37	---	---	---
12	23.17	19.33	21.26	23.07	18.94	20.87	23.57	19.48	21.40	---	---	---
13	22.74	18.92	20.82	23.11	19.01	20.90	23.63	19.12	21.29	---	---	---
14	22.91	18.51	20.60	23.39	18.69	20.89	23.79	19.01	21.38	---	---	---
15	23.04	18.77	20.71	23.94	19.42	21.60	24.10	18.87	21.46	---	---	---
16	23.29	18.76	20.91	23.69	19.05	21.25	24.07	18.69	21.37	---	---	---
17	23.62	18.59	20.89	23.81	18.68	21.05	24.04	18.59	21.29	---	---	---
18	23.66	18.56	20.89	24.21	18.73	21.32	24.01	18.63	21.29	---	---	---
19	23.79	18.71	21.01	24.43	19.21	21.77	23.90	18.81	21.44	---	---	---
20	23.78	18.76	21.02	24.08	18.94	21.52	23.98	18.86	21.43	---	---	---
21	23.55	18.59	20.87	24.01	19.13	21.60	23.85	18.83	21.28	---	---	---
22	23.61	18.64	20.86	23.77	19.16	21.47	23.64	18.52	21.00	---	---	---
23	23.59	18.72	20.96	23.49	18.98	21.21	---	---	---	---	---	---
24	23.41	18.68	21.01	23.53	18.77	21.11	---	---	---	---	---	---
25	23.46	18.71	21.21	23.84	18.95	21.41	---	---	---	---	---	---
26	23.47	18.71	21.19	23.90	19.19	21.54	---	---	---	---	---	---
27	23.51	18.61	21.09	23.65	19.00	21.32	---	---	---	---	---	---
28	23.91	18.58	21.29	23.53	18.65	20.98	---	---	---	---	---	---
29	24.04	18.65	21.44	23.98	18.78	21.27	---	---	---	---	---	---
30	24.83	19.46	22.21	24.23	19.35	21.76	---	---	---	---	---	---
31	---	---	---	23.80	18.86	21.35	---	---	---	---	---	---
MONTH	24.83	18.19	20.98	24.57	18.47	21.24	24.16	18.52	21.38	---	---	---
YEAR	24.92	17.58	21.21									

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

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

INSTRUMENTATION.--USGS mini-monitor since March 1987.

REMARKS.--Specific conductance values less than 100 microsiemens are not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 45,700 microsiemens, July 27, 31, 1988; minimum, less than 100 microsiemens, March 10-12, 22, Apr. 9, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 36,800 microsiemens, Feb. 5; minimum, 100 microsiemens, many days during the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17300	2000	8960	19900	3440	9470	11000	2690	6420	10000	500	4750
2	16700	2200	9000	13000	2750	7280	12000	2730	7240	13400	1600	7580
3	16000	2500	9880	19000	3490	9930	17500	4900	10200	17500	800	10400
4	16600	2520	9930	21500	5600	12500	20000	6420	13000	19100	700	8870
5	21100	4340	12700	24200	3860	14400	25700	8080	17400	26500	1300	13400
6	21600	4270	13600	23400	3100	11800	24500	10000	17500	24400	800	6950
7	24400	6880	16100	21700	1940	9730	25000	3700	14100	13700	500	6260
8	23100	5600	15500	16800	1480	7020	18400	900	7490	25200	600	10100
9	24400	5620	16100	9590	1190	3250	18200	500	4780	24300	1000	11400
10	26300	6250	16900	8540	1130	3350	7000	200	1710	30200	1600	11100
11	22500	3780	12700	9700	1370	4390	2300	200	604	13300	600	4420
12	18200	2000	8680	16700	1410	6810	1400	100	344	8800	500	3330
13	16100	1510	7390	16700	1850	7860	1200	100	337	8200	500	3070
14	12300	1340	5070	16000	2190	8450	400	100	250	13800	600	6050
15	9660	1160	3710	19300	3140	11400	500	200	254	12800	200	2760
16	11800	981	4890	22600	5980	14200	500	100	252	3100	200	735
17	16300	1200	7130	22000	3340	12300	3400	100	669	6000	300	2000
18	18300	1520	9940	19900	4480	12000	800	100	281	9600	300	3020
19	19400	1950	11000	23200	4430	14700	500	100	267	7100	300	2260
20	27200	5270	15600	24900	3470	13900	2100	200	531	9300	300	2800
21	30900	7200	19100	21200	3170	11400	5300	200	1330	9600	200	3180
22	26900	5520	16800	30900	3410	17100	6000	200	1300	16200	200	4730
23	32800	5230	20000	32200	6350	17000	8100	200	1370	13600	300	4270
24	33800	7150	20000	28100	4090	13600	2600	200	892	12400	300	4690
25	33200	5770	19900	22000	3760	10200	3900	200	1290	9600	300	3490
26	34000	7800	20600	14800	2380	6190	10800	300	3390	7800	300	2850
27	35500	7920	21200	13200	2620	6670	11000	300	2750	8400	300	3140
28	32500	9440	20400	12200	2580	6120	5000	300	1220	13600	700	6590
29	29300	8460	18900	18700	3910	11300	4600	200	1170	14100	600	5800
30	26300	7790	16700	17500	3570	9350	3400	200	883	12400	1800	6520
31	23400	6710	14700	---	---	---	4600	200	1710	17100	3500	10300
MONTH	35500	981	13600	32200	1130	10100	25700	100	3900	30200	200	5700

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCELLANVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	23000	6000	14400	1900	100	402	200	100	177	2700	200	692
2	23000	5700	14800	400	100	242	300	100	156	5200	200	1400
3	24500	4900	16100	400	200	312	400	100	219	22200	200	6000
4	26900	5600	17400	700	200	300	400	100	235	---	---	---
5	36800	9700	23200	400	200	294	400	200	273	---	---	---
6	34900	10700	24000	400	200	300	300	200	237	---	---	---
7	35200	9800	23900	600	200	290	500	100	219	---	---	---
8	36000	9900	23700	400	100	208	900	100	244	---	---	---
9	35100	11100	22900	500	100	202	200	100	185	---	---	---
10	34500	9700	22200	300	100	204	200	100	158	---	---	---
11	31800	9200	20600	300	100	210	300	100	158	---	---	---
12	29500	9500	19900	400	200	229	200	100	146	---	---	---
13	28900	10200	20900	300	100	177	300	100	165	---	---	---
14	29600	9400	19400	300	100	202	200	100	156	---	---	---
15	27200	7900	18900	400	100	212	300	100	208	---	---	---
16	28500	9600	20500	300	100	208	300	100	194	---	---	---
17	31300	13700	22400	300	100	196	200	100	171	---	---	---
18	35600	11800	24000	400	200	223	300	100	183	---	---	---
19	33200	11100	22600	400	200	248	400	100	185	---	---	---
20	30900	10400	21500	300	200	217	200	100	150	---	---	---
21	31000	8600	20900	600	200	283	300	100	167	---	---	---
22	26200	6200	16700	300	200	240	300	100	194	---	---	---
23	22700	4500	14000	400	200	246	200	100	179	---	---	---
24	20400	500	6760	400	200	254	300	100	202	---	---	---
25	9200	300	2310	300	200	252	300	100	190	---	---	---
26	2800	200	515	400	200	256	200	100	179	---	---	---
27	1400	200	352	500	200	233	300	100	196	---	---	---
28	1900	200	410	300	200	227	200	100	187	---	---	---
29	---	---	---	1300	200	258	300	100	204	---	---	---
30	---	---	---	700	100	229	300	100	204	---	---	---
31	---	---	---	1000	100	252	---	---	---	---	---	---
MONTH	36800	200	17000	1900	100	245	900	100	191	22200	200	2700
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	19900	300	3590	300	200	212	---	---	---
2	---	---	---	10200	300	2860	800	200	254	---	---	---
3	---	---	---	6100	300	1690	400	200	240	---	---	---
4	---	---	---	4100	300	1250	300	200	223	---	---	---
5	---	---	---	2600	300	940	300	200	217	---	---	---
6	---	---	---	2400	200	631	300	100	217	---	---	---
7	---	---	---	2600	200	575	300	100	196	---	---	---
8	---	---	---	1900	200	425	300	100	200	---	---	---
9	---	---	---	600	100	260	400	100	217	---	---	---
10	---	---	---	300	100	221	1100	100	237	---	---	---
11	---	---	---	500	100	242	2000	100	319	---	---	---
12	---	---	---	900	100	275	4400	100	831	---	---	---
13	---	---	---	2300	100	471	3900	100	708	---	---	---
14	---	---	---	4100	100	800	1500	200	335	---	---	---
15	---	---	---	7000	200	1270	5400	200	960	---	---	---
16	---	---	---	6900	200	1780	11800	200	2970	---	---	---
17	---	---	---	10200	200	2760	14600	300	4030	---	---	---
18	---	---	---	14700	200	2950	17100	400	4990	---	---	---
19	---	---	---	9500	200	1970	14600	400	5200	---	---	---
20	---	---	---	2200	200	715	8800	200	2810	---	---	---
21	---	---	---	1200	200	446	6000	200	1890	---	---	---
22	---	---	---	500	200	281	5600	200	1730	---	---	---
23	---	---	---	300	200	210	---	---	---	---	---	---
24	---	---	---	200	100	196	---	---	---	---	---	---
25	---	---	---	200	100	196	---	---	---	---	---	---
26	---	---	---	200	100	179	---	---	---	---	---	---
27	---	---	---	300	100	196	---	---	---	---	---	---
28	---	---	---	300	100	206	---	---	---	---	---	---
29	2900	300	806	300	100	210	---	---	---	---	---	---
30	27000	200	4080	300	200	212	---	---	---	---	---	---
31	---	---	---	300	100	208	---	---	---	---	---	---
MONTH	27000	200	2440	19900	100	910	17100	100	1320	---	---	---
YEAR	36800	100	5860									

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, 78.30 ft, Sept. 21, 1989 (affected by high winds); minimum, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 78.30 ft, Sept. 21 (affected by high winds); minimum, 72.39 ft, Mar. 8.

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 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.84	74.74	74.45	72.81	73.21	72.99	73.89	74.31	74.50	75.44	75.37	74.81
2	74.83	74.79	74.37	72.81	73.26	72.96	74.09	74.64	74.62	75.36	75.24	74.90
3	74.87	74.78	74.49	73.12	73.16	72.96	74.08	74.49	74.78	75.28	75.01	75.14
4	74.88	74.80	74.61	72.74	73.11	72.80	74.29	74.38	74.88	75.26	74.93	74.94
5	74.93	74.86	74.71	72.72	73.16	72.76	74.41	74.37	74.88	75.13	74.89	74.94
6	74.95	74.81	74.67	72.86	73.14	72.62	74.63	74.48	74.85	74.82	74.91	74.93
7	74.90	74.87	74.66	73.06	73.05	72.50	74.63	74.74	74.74	74.73	74.99	74.78
8	74.95	74.47	74.64	73.10	73.25	72.43	74.55	74.65	74.66	74.85	75.16	74.86
9	75.00	74.57	74.17	72.94	73.11	72.50	74.53	74.42	74.65	74.96	75.06	74.63
10	74.95	74.65	73.66	72.96	73.27	72.65	74.40	74.32	74.51	74.76	74.99	74.50
11	74.98	74.69	73.73	73.13	73.33	72.68	74.37	74.02	74.68	74.70	75.01	74.43
12	75.00	74.63	73.29	73.23	73.32	72.82	74.26	73.89	74.68	74.84	75.52	74.50
13	74.92	74.68	72.63	73.16	73.34	72.83	74.13	74.00	74.74	75.07	74.63	74.66
14	74.93	74.65	73.05	72.73	73.41	72.81	73.99	74.11	74.62	75.22	74.78	74.87
15	74.98	74.61	73.48	73.19	73.40	72.94	73.95	74.26	74.71	75.61	74.84	74.67
16	75.04	74.46	73.48	73.03	73.17	73.41	73.93	74.45	74.68	75.15	74.72	74.67
17	75.01	74.65	73.31	73.03	73.17	73.48	73.67	74.67	74.87	75.77	74.91	74.53
18	74.99	74.55	73.23	73.04	73.24	73.67	73.46	74.56	74.86	75.37	73.78	74.75
19	75.05	74.63	73.28	73.04	73.30	73.90	73.47	74.55	74.92	75.03	73.63	74.79
20	74.99	74.66	73.44	73.04	73.37	73.84	73.47	74.93	74.97	75.05	73.52	74.55
21	74.93	74.69	73.35	73.15	73.52	73.93	73.55	74.99	74.66	74.77	74.68	78.30
22	74.96	74.56	72.95	73.19	73.62	74.04	73.55	74.81	74.89	74.76	74.68	74.38
23	74.90	74.58	72.91	73.16	73.56	73.96	73.60	74.87	74.76	74.69	74.68	74.83
24	75.03	74.49	73.01	73.16	73.47	73.67	73.48	75.08	74.75	74.62	74.91	75.03
25	74.90	74.33	73.01	---	73.23	73.44	73.82	74.93	74.81	74.54	74.74	75.31
26	74.92	74.41	73.01	73.23	73.26	73.29	74.03	74.71	74.66	74.67	74.83	75.23
27	74.97	74.45	73.01	73.15	73.44	73.13	74.08	74.45	74.72	74.85	74.77	75.00
28	74.90	74.65	72.86	73.15	73.27	72.91	74.17	74.50	74.88	75.03	74.57	74.87
29	74.84	74.28	72.68	73.22	---	73.14	74.22	74.63	75.08	75.09	74.40	74.81
30	74.89	74.04	72.60	73.17	---	73.38	74.43	74.60	75.36	75.18	74.54	74.82
31	74.64	---	72.70	73.23	---	73.74	---	74.55	---	75.19	74.58	---
MAX	75.05	74.87	74.71	73.23	73.62	74.04	74.63	75.08	75.36	75.77	75.52	78.30
MIN	74.64	74.04	72.60	72.72	73.05	72.43	73.46	73.89	74.50	74.54	73.52	74.38
(+)	27.4	25.8	22.6	23.8	23.9	25.1	26.8	27.2	29.3	28.8	27.2	27.9
(*)	-187	-617	-1195	448	41	448	656	149	810	-187	-597	270

CAL YR 1988 * 57 MAX 75.05 MIN 71.57
WTR YR 1989 * 0 MAX 78.30 MIN 72.43

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

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at power plant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northwast of Pinopolis.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1988 to Sept. 1989. Data prior to Oct. 1988 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 5.00 ft below National Geodetic Vertical Datum of 1929. Prior to Mar. 17, 1986, at same site at datum 5.00 ft. higher.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.34 ft, Dec. 13, 1988; minimum gage height, 2.47 ft, Jan. 4, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.34 ft, Dec. 13; minimum gage height, 2.47 ft, Jan. 4.

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.24	5.26	7.63	9.35	5.94	7.62	7.43	3.97	5.73	7.60	4.46	6.45
2	9.53	6.08	7.62	8.69	5.30	6.88	9.21	3.53	7.37	8.10	4.36	6.46
3	9.15	5.12	7.00	9.75	5.06	7.32	9.14	4.86	6.38	7.57	4.40	6.37
4	8.73	5.02	6.84	9.88	5.31	7.50	9.45	3.54	6.38	12.03	2.47	7.68
5	9.22	5.69	7.32	9.47	5.54	7.28	9.72	4.72	6.82	11.08	5.58	7.64
6	9.44	5.69	7.44	9.56	4.68	6.77	9.74	4.16	6.93	10.62	4.82	7.78
7	10.08	5.99	8.64	8.40	3.24	5.92	10.58	4.10	6.86	10.39	3.98	6.69
8	10.82	6.04	7.99	9.80	3.27	7.45	8.51	3.75	6.42	8.49	4.32	6.66
9	10.15	5.58	7.66	8.98	4.16	6.64	10.96	4.18	7.78	11.76	4.18	8.06
10	10.59	5.91	8.08	8.53	4.37	6.98	11.09	4.03	8.19	11.26	6.08	8.19
11	9.39	5.95	7.34	8.92	4.21	6.88	8.06	4.59	6.74	10.33	5.22	7.30
12	8.92	5.40	7.25	8.94	4.90	7.48	11.67	6.16	9.22	8.27	5.16	6.92
13	9.45	5.40	7.37	9.60	5.12	7.31	12.34	5.72	8.71	9.04	4.15	7.19
14	9.08	5.60	7.40	8.45	5.19	7.15	7.87	4.37	6.31	10.96	5.26	8.01
15	8.97	5.32	7.12	10.13	5.73	7.65	7.43	3.77	5.98	8.01	4.39	6.60
16	7.96	5.26	6.79	10.43	5.68	8.30	8.95	3.97	6.38	10.93	4.07	6.68
17	8.69	5.47	7.20	7.99	4.66	6.53	10.34	4.47	7.39	11.12	3.67	6.61
18	9.47	5.76	7.54	9.83	3.84	6.94	11.08	3.96	7.03	10.53	3.61	6.69
19	9.19	5.06	6.92	8.95	5.45	7.13	9.28	3.71	6.21	10.63	3.26	6.15
20	9.88	5.37	7.60	8.18	5.14	6.70	7.83	2.96	6.32	11.32	2.80	7.11
21	10.64	6.11	8.85	8.94	3.77	6.22	8.97	3.44	6.44	10.92	3.21	6.96
22	10.11	5.72	7.76	10.01	5.31	7.44	11.48	3.47	7.50	10.92	4.63	7.40
23	10.35	5.36	7.71	9.33	5.05	7.79	9.50	4.33	7.55	8.28	4.77	6.83
24	8.87	5.47	7.32	9.96	4.56	7.38	8.16	4.45	6.68	9.83	5.43	7.27
25	8.98	4.67	7.37	9.21	5.91	7.90	8.07	4.11	6.41	10.54	5.46	7.26
26	---	---	---	8.35	4.72	6.85	9.17	4.03	6.66	10.15	4.51	6.85
27	---	---	---	8.39	4.54	6.85	8.95	5.26	7.00	10.67	5.72	7.46
28	---	---	---	8.31	4.18	6.84	8.52	4.28	6.59	10.42	5.29	7.26
29	9.42	5.65	7.41	9.13	4.36	6.98	9.76	4.74	7.22	8.50	4.71	6.64
30	8.46	5.76	7.25	9.40	4.56	6.98	10.25	5.50	8.06	7.21	3.58	5.98
31	10.95	6.14	8.59	---	---	---	7.55	4.87	6.54	9.75	3.86	6.54
MONTH	---	---	---	10.43	3.24	7.12	12.34	2.96	6.96	12.03	2.47	7.02

02172001 LAKE MOULTRIE TAILRACE NEAR PINOPOLIS, SC--Continued

GAGE HEIGHT, (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.48	4.70	6.97	11.32	4.56	7.40	10.12	3.91	7.15	10.26	4.89	7.37
2	9.32	4.53	6.20	11.48	4.58	7.40	10.66	4.84	7.10	8.38	4.40	6.62
3	11.00	2.97	7.72	9.90	4.94	7.11	11.32	4.38	7.35	8.95	4.51	6.75
4	10.72	3.53	7.68	8.96	5.12	6.67	8.94	4.07	6.34	10.00	5.41	7.82
5	10.48	4.64	7.60	9.47	4.27	6.61	8.11	4.02	6.37	11.47	6.18	8.46
6	10.12	4.87	7.14	11.86	4.56	7.80	11.13	4.61	6.98	11.12	5.65	8.21
7	8.03	4.46	6.70	10.54	5.30	8.24	10.73	3.58	7.09	8.41	4.94	6.87
8	8.51	4.49	6.85	11.55	5.66	8.15	9.66	4.40	6.95	9.30	5.07	6.95
9	10.52	5.80	7.86	10.48	5.78	7.72	9.81	3.74	6.67	10.00	5.32	6.85
10	10.99	4.01	7.04	10.19	6.50	7.93	9.75	5.71	8.09	9.15	5.76	7.31
11	8.31	4.30	6.44	10.29	6.36	8.36	9.98	5.23	7.45	11.22	5.20	8.30
12	7.89	3.55	6.03	9.48	5.81	7.71	10.42	5.20	7.14	10.41	5.02	7.14
13	7.70	4.02	6.27	11.01	6.24	8.25	8.67	5.37	7.12	8.13	4.57	6.51
14	8.83	3.83	6.12	11.24	4.79	7.46	9.79	5.30	7.55	8.23	4.55	6.42
15	9.80	3.19	6.51	9.00	4.29	6.55	9.66	5.58	7.59	11.59	4.94	7.49
16	10.72	3.09	8.08	7.84	3.99	6.24	8.82	5.13	6.76	7.93	4.71	6.42
17	11.78	4.64	7.66	10.89	4.42	8.14	11.08	4.97	7.66	11.52	4.74	6.73
18	11.65	4.67	7.70	10.15	4.71	6.96	11.38	5.19	8.02	10.68	5.07	7.88
19	9.25	5.29	6.95	10.50	4.52	7.05	7.90	4.88	6.37	9.02	5.26	7.54
20	8.21	4.96	6.90	11.59	5.21	8.91	10.31	4.47	6.74	8.22	5.41	6.86
21	8.38	5.25	7.00	9.97	4.84	6.99	10.40	5.52	7.60	10.11	5.13	7.68
22	7.91	4.84	6.66	8.86	4.14	6.69	10.14	6.08	7.67	11.06	5.17	8.26
23	10.82	4.77	7.82	9.91	5.93	7.70	8.31	4.37	6.64	9.09	5.29	6.84
24	10.07	3.99	7.02	8.52	5.26	7.28	11.61	6.53	8.80	7.49	4.18	6.25
25	7.72	4.53	6.52	7.93	5.05	6.69	8.32	4.81	6.72	10.30	4.63	7.02
26	7.94	4.89	6.52	8.75	4.42	6.64	9.57	4.42	6.64	10.73	5.28	7.46
27	10.14	5.03	6.90	9.15	5.38	7.02	10.78	4.84	7.02	11.45	5.74	8.80
28	10.30	5.44	7.90	11.35	4.86	8.31	9.42	4.77	7.06	9.27	4.55	6.93
29	---	---	---	7.56	4.38	6.45	10.36	5.26	7.48	9.39	5.56	7.41
30	---	---	---	8.67	5.21	6.80	8.85	4.71	6.73	10.09	5.54	7.34
31	---	---	---	8.06	4.79	6.58	---	---	---	8.76	5.10	7.01
MONTH	11.78	2.97	7.03	11.86	3.99	7.35	11.61	3.58	7.16	11.59	4.18	7.27
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.54	4.90	7.30	8.86	6.05	7.34	8.67	4.58	6.60	8.46	5.29	7.36
2	11.18	3.66	6.86	9.66	5.76	7.44	8.22	4.69	6.85	10.04	5.15	7.23
3	9.25	4.76	6.60	9.08	5.38	7.28	10.11	5.16	8.00	8.25	4.58	6.65
4	9.00	4.85	6.72	9.20	5.16	6.83	12.02	5.54	8.60	9.17	5.32	7.16
5	10.17	4.97	7.00	11.53	5.05	7.92	11.44	5.03	8.25	9.55	5.39	7.61
6	8.10	4.82	6.57	11.34	5.15	8.47	10.12	4.58	7.38	10.71	5.64	8.17
7	11.43	5.19	7.60	9.75	4.80	7.07	11.55	4.94	7.55	10.77	6.18	8.27
8	9.91	5.36	7.49	9.37	3.56	6.22	8.71	4.71	6.81	10.70	6.29	8.28
9	11.55	4.82	8.02	9.26	3.76	6.36	8.94	5.37	7.06	10.79	5.58	8.05
10	9.40	4.70	7.05	11.47	4.83	8.43	8.17	5.58	6.84	9.45	6.41	7.87
11	8.45	3.72	6.18	11.41	4.05	7.70	11.27	5.43	7.50	10.82	5.87	7.92
12	10.12	4.81	7.17	8.43	4.08	6.30	11.83	6.12	8.92	8.69	5.44	7.20
13	9.11	5.33	6.63	8.59	4.10	6.14	9.23	5.25	7.13	9.23	5.58	7.55
14	10.76	4.45	7.19	8.83	3.35	6.06	8.43	4.78	6.63	10.09	5.61	7.25
15	8.46	4.67	6.38	8.60	5.00	6.52	8.40	4.86	6.73	10.28	5.33	8.03
16	11.22	4.33	7.24	7.91	5.43	6.71	10.21	5.20	7.86	10.67	5.37	7.89
17	9.67	5.06	6.52	8.18	4.69	6.78	9.07	5.27	7.16	10.60	4.67	7.56
18	11.40	4.80	7.49	9.10	4.72	7.27	10.57	5.05	7.69	9.00	4.62	7.18
19	8.10	4.93	6.65	11.17	5.45	8.30	9.65	5.19	7.58	9.50	4.94	7.36
20	11.24	4.47	6.72	11.28	5.58	7.66	11.95	5.10	8.54	9.25	5.37	7.64
21	11.38	5.61	8.13	11.52	5.25	8.47	11.00	5.24	7.34	11.40	5.70	8.51
22	9.47	4.60	6.75	8.53	5.36	7.10	10.48	4.38	7.33	10.88	6.29	8.84
23	9.79	5.53	7.52	11.23	4.96	7.28	10.93	4.04	7.22	8.29	5.32	6.90
24	10.89	4.64	7.43	11.12	3.91	7.10	8.43	3.54	6.39	8.84	5.60	7.13
25	10.33	4.41	7.31	11.18	3.86	7.49	11.34	4.31	7.29	9.79	6.83	8.35
26	12.21	5.60	8.49	11.22	5.31	7.85	8.82	6.20	7.40	11.99	9.14	11.11
27	10.92	5.38	7.61	8.96	3.95	6.66	10.19	5.83	7.78	11.99	9.59	11.05
28	8.39	4.29	6.61	9.99	4.96	7.46	11.46	5.70	8.54	11.92	10.06	11.10
29	8.44	5.40	6.90	8.73	3.70	6.29	10.45	5.84	8.19	11.63	10.06	10.76
30	9.57	5.32	7.01	9.90	5.05	7.02	9.81	5.59	7.39	10.92	7.38	10.05
31	---	---	---	10.80	5.22	7.97	8.22	5.15	6.99	---	---	---
MONTH	12.21	3.66	7.10	11.53	3.35	7.21	12.02	3.54	7.47	11.99	4.58	8.20

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC

LOCATION.--Lat 33°12'54'', long 79°58'29'', Berkeley County, Hydrologic Unit 03050201, on upstream side of left fender pier, under U.S. Highway 52 bridge, 2.2 mi below Lake Moultrie Pinopolis Dam, and at mile 45.8

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is .82 ft below National Geodetic Vertical Datum of 1929. Two auxiliary gages 2.23 miles upstream at Pinopolis Dam Tailrace, (station 02172001), at National Geodetic Vertical Datum, and 1.55 miles downstream at Stoney Landing (station 02172003) at -10.00 ft NGVD, are used in conjunction with this station for computation of discharges.

REMARKS.--Discharge computed by utilization of the One-Dimensional unsteady flow simulation model. Flow regulated by powerplant upstream, tide effected downstream. During periods of no gage-height record values of daily mean discharge from Jefferies Hydro Plant were obtained from the South Carolina Public Service Authority. These values are shown as estimated daily discharges.

Water Year 1986: Records poor. Estimated daily discharges July 31 - Aug. 5.
Water Year 1987: Records Poor. Estimated daily discharges Oct. 30 to Nov. 12, Sept. 7 - 30.
Water Year 1988: Records poor. Estimated daily discharges Oct. 1 - 7, June 1 to July 15.
Water Year 1989: Records poor. No estimated daily discharges.

EXTREMES FOR PERIOD OF RECORD.--Maximum computed daily discharge, 33,700 ft^3/s, Nov. 25, 1979; minimum computed daily, negative discharge computed on many days caused by 2 incoming and only 1 outgoing tide cycles during the day.

EXTREMES FOR CURRENT YEAR.--

Water Year 1986: Maximum computed daily discharge, 13,200 ft^3/s, Jan. 8; minimum computed daily, -93 ft^3/s, Jan. 13.
Water Year 1987: Maximum computed daily discharge, 16,100 ft^3/s, Mar. 31; minimum computed daily, -39 ft^3/s, Dec. 3.
Water Year 1988: Maximum computed daily discharge, 11,600 ft^3/s, Nov. 11; minimum computed daily, -237 ft^3/s, Feb. 2.
Water Year 1989: Maximum computed daily discharge, 20,200 ft^3/s, Sept. 26; minimum computed daily, -168 ft^3/s, Sept. 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2310	7230	6270	5650	2870	2850	4860	4770	2370	2910	4930	5240
2	6010	2660	4280	9140	2810	4590	10500	6010	4770	2950	3140	4310
3	8380	3180	4750	8970	4460	2970	1920	2300	3000	2780	2890	4400
4	6500	3000	4490	4990	4620	2480	9300	2460	2750	2990	3060	4590
5	3010	2990	5480	5390	5440	4960	-42	-7.0	2590	2440	3050	3760
6	2570	-25	7660	4530	4860	4730	-41	4080	3220	3130	3120	3460
7	-5.0	4670	5320	5040	8330	10600	10300	6900	3860	2610	3540	4020
8	6450	7530	4810	13200	2410	7450	2720	2020	2770	4440	3220	5870
9	3460	2920	-28	3130	1860	1840	4430	2220	3120	3060	3060	2990
10	4650	2000	-17	2320	2260	241	7520	2000	3100	3330	2950	11300
11	5750	3150	4480	3680	-82	6600	7990	2850	3050	2470	3030	2540
12	2480	2760	9890	4200	5810	4970	-78	3400	2990	3140	2870	4390
13	6210	2440	12200	-93	8310	4630	354	2870	2540	3890	2450	6150
14	1800	3810	3420	4300	13000	9100	6470	3100	2120	2900	3070	4220
15	4300	3760	5320	6140	.00	5000	2850	2540	2950	2450	3140	3990
16	3020	3260	-72	5310	2910	6200	4880	3250	2920	2550	4220	4960
17	3200	3290	4090	10300	3540	6020	9010	3250	2290	3490	4600	3610
18	4010	-20	4070	4280	4320	5130	9940	3020	2230	3160	5250	6700
19	2100	3120	7880	4200	4730	5310	2570	2920	3270	3420	5340	6080
20	3390	1810	12200	2770	6920	5450	-37	1830	4150	688	2990	9190
21	2420	3430	4800	3960	11200	6940	4860	2540	4290	4880	3820	5290
22	3040	6410	3650	4980	-13	4920	3380	3370	3830	2070	8290	3990
23	3730	2840	-17	5400	2040	4560	9880	4580	784	3990	4120	1500
24	4550	1990	4650	9220	2840	4200	4130	4720	8500	4990	4540	7020
25	6900	4070	4200	2680	5920	4900	6210	3200	2250	3860	4990	3950
26	2900	5740	5230	2810	4450	5360	2220	3050	2610	2970	4170	4250
27	3190	5450	12800	883	4870	5400	4700	876	2140	3830	4480	9580
28	-32	6820	5370	6120	13100	9670	4580	2540	3020	2620	4000	2810
29	4120	9610	4120	6640	---	4270	3920	3130	3540	2370	4830	188
30	5200	4960	105	7940	---	2480	3750	4680	3320	2440	5240	6710
31	3900	---	3810	9960	---	-43	---	3110	---	2470	4860	---
TOTAL	119513.0	114855	155211	168040	133785.00	153778	143046	97579.0	94344	95288	123260	147058
MEAN	3855	3828	5007	5421	4778	4961	4768	3148	3145	3074	3976	4902
MAX	8380	9610	12800	13200	13100	10600	10500	6900	8500	4990	8290	11300
MIN	-32	-25	-72	-93	-82	-43	-78	-7.0	784	688	2450	188

CAL YR 1985 TOTAL 2774284.00 MEAN 7601 MAX 28200 MIN -72
WTR YR 1986 TOTAL 1545757.00 MEAN 4235 MAX 13200 MIN -93

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6600	4850	.00	3840	3260	2980	4710	3780	5290	4120	2780	2150
2	8100	4580	5090	4520	4610	5060	3440	207	4320	8710	2080	7230
3	1970	4610	-39	4940	5050	4480	6260	114	5900	12400	4300	13400
4	1160	4630	4360	6470	3550	5870	1970	5740	6240	3400	9700	3910
5	2720	3540	5610	7680	11800	4780	1970	6880	10400	6410	2930	4830
6	3300	2010	3950	3930	4990	5000	5020	2440	1880	4740	2610	11600
7	3510	7640	2710	1440	527	344	7060	5560	3410	4430	6990	2010
8	2700	5280	4870	2390	2960	4860	6000	10100	6550	8320	2560	2020
9	5820	4540	4740	6780	15900	3300	4960	2140	6000	7180	1670	2690
10	7330	3600	5300	4230	1600	9080	6690	1450	6940	3000	3420	2110
11	112	1490	5970	5520	1500	12300	768	7560	4780	1430	3920	8040
12	3290	1680	7340	3810	5750	1360	158	5680	9770	1260	4710	2080
13	6190	6120	8490	2600	5690	4170	6180	6760	2700	2450	1280	5670
14	1440	9690	5590	3090	244	3160	5440	2980	1970	3180	8050	10800
15	5800	1050	3360	2890	1040	4500	10200	4570	6730	4300	1530	2060
16	5140	2630	3200	7660	15100	2290	4620	3330	6640	2960	2120	2070
17	5460	5300	4020	3360	8230	5730	5280	4290	5470	11500	6630	2090
18	468	2750	3180	8580	1600	5460	2100	9550	3960	1200	5930	6780
19	4780	4850	5610	3200	2380	5040	148	7760	9470	5120	2840	2060
20	3960	6460	2620	12400	4160	5910	6000	1240	5040	4010	4550	2060
21	2040	8550	4520	856	7310	497	8730	1610	4930	2220	6240	2070
22	5190	5970	6240	2730	10900	3020	6290	3690	6600	4270	3100	6320
23	7160	4980	1540	2060	2180	5360	5230	8460	5040	3680	2790	5280
24	6840	7700	4170	2360	2710	5000	4120	7480	5020	10300	667	6690
25	540	9120	5180	1330	3820	4500	1230	2330	4770	6840	3040	8210
26	3160	2750	7860	5310	3570	9020	917	1270	8790	3590	7870	2080
27	4770	1640	5920	4860	4940	5800	4490	2140	3320	2520	5610	5610
28	6310	4420	8870	8300	2050	144	6220	3800	674	1740	7280	8300
29	7200	4810	9630	7020	---	1170	7480	8220	4070	3670	2320	7960
30	---	6330	1600	4790	---	4010	8610	2180	6000	6730	1240	2300
31	---	---	28	1580	---	16100	---	1640	---	4160	1420	---
TOTAL	---	143570	141529.00	140526	137421	150295	142291	134951	162674	149840	122177	150480
MEAN	---	4786	4565	4533	4908	4848	4743	4353	5422	4834	3941	5016
MAX	---	9690	9630	12400	15900	16100	10200	10100	10400	12400	9700	13400
MIN	---	1050	-39	856	244	144	148	114	674	1200	667	2010

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2430	1170	6130	3130	744	4460	5770	1980	3230	3630	2860	1330
2	3850	1640	4410	4920	-237	4700	4040	2380	2380	4300	1490	2260
3	6560	4230	3630	7070	3070	3840	4460	5400	2060	3590	807	2760
4	2560	4690	6350	5920	5780	9080	7980	6240	4490	3010	3680	1680
5	4570	4060	2420	2850	10900	5060	8000	3630	2870	2890	959	1660
6	4610	9220	2170	1870	2220	3840	2660	5860	5210	3150	3960	2860
7	2080	1560	2450	2770	5650	9800	2710	4910	2620	3310	-13	2600
8	2400	2190	4600	2690	1850	4100	2530	1660	2130	2050	2210	1480
9	8460	2050	3580	1260	2000	1720	2190	1590	2060	2160	2100	3520
10	1520	2270	8250	811	1550	3170	1190	2810	1990	2360	1570	4890
11	1560	11600	8200	5230	11300	4010	3770	6470	3000	2580	2450	1590
12	4310	7820	2090	1070	4320	5400	4070	7520	5000	.00	2880	6640
13	4070	6180	3180	-55	2860	3000	7850	3780	2560	2910	4630	5960
14	5460	2190	4050	8960	2700	7390	5030	2250	2270	4780	291	7560
15	6270	2230	1600	6920	2540	9070	3360	8000	2030	9330	1990	86
16	6460	3810	6640	4460	1320	2180	4650	5990	3810	3580	4570	1870
17	2840	3580	5550	1170	9720	1780	4540	1770	2330	N4630	7090	321
18	777	2680	6850	3280	6000	2600	5560	4230	2340	3360	4710	1850
19	1230	7120	4090	1450	2570	4950	5340	5760	2210	3520	759	1840
20	3240	10600	50	2360	2550	1530	5630	4880	4870	1920	1150	4060
21	6140	10900	1650	2440	4440	2320	2760	7980	4150	2640	2900	6770
22	10100	3820	768	7360	2800	6620	3240	4780	4840	68	3040	6460
23	2830	2760	4950	550	2110	2530	2820	4650	2640	1860	3080	7450
24	355	2140	3110	1030	3660	5370	5060	3530	.00	2030	3440	2960
25	1460	5280	11000	1160	8090	8520	3640	1770	2440	3030	3740	2230
26	7460	3910	389	4030	7960	1430	238	1970	2550	3590	3890	2500
27	2150	3230	860	3650	932	1180	6110	6540	2430	108	2540	2720
28	2840	2620	487	4650	2400	4810	4770	2450	4560	5700	1770	7620
29	9210	1910	9940	10400	2980	2630	7300	2230	5400	3770	1580	7330
30	5480	6300	5880	3670	---	9410	4530	1170	4200	2080	3750	5400
31	981	---	513	1100	---	5640	---	7330	---	4770	2510	---
TOTAL	124263	133760	125837	108176	114779	142140	131798	131510	92670.00	96706.00	82383	108257
MEAN	4008	4459	4059	3490	3958	4585	4393	4242	3089	3120	2658	3609
MAX	10100	11600	11000	10400	11300	9800	8000	8000	5400	9330	7090	7620
MIN	355	1170	50	-55	-237	1180	238	1170	.00	.00	-13	86

CAL YR 1987 TOTAL 1674515 MEAN 4588 MAX 16100 MIN 50
WTR YR 1988 TOTAL 1392279.00 MEAN 3804 MAX 11600 MIN -237

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4140	3790	1470	3240	6620	7010	7590	5800	4910	1940	2930	3200
2	4560	2660	9350	3840	3540	5450	5230	2090	5150	2500	2580	3370
3	1510	4660	3500	3440	11600	2870	5710	2900	3200	3650	6490	924
4	1730	4540	4600	11700	9690	908	1710	7330	3290	2100	8680	1530
5	1500	3400	4020	5520	6160	3140	1510	6810	3090	6830	8220	3290
6	3900	3670	5040	7150	2570	8500	5750	6430	2240	9860	5160	6880
7	8150	2400	5560	4390	1960	8640	5380	2730	5750	5150	4810	6020
8	4550	8790	3770	3610	3690	6330	4490	2570	5950	2840	1240	6000
9	4180	3310	7610	9460	7330	3340	3460	3130	8430	2950	626	5810
10	5590	4310	9640	6800	3640	4000	8750	6310	6630	10700	592	4870
11	1690	4410	2660	4220	2770	5020	4280	10200	2570	8180	6660	6400
12	4180	5050	12700	3250	2500	3540	2870	4910	5340	1060	10800	2260
13	4920	3460	8930	7550	2480	6690	2000	2470	3350	900	3480	3540
14	4760	4440	1060	8740	2800	3930	6170	2700	6810	1190	2180	1610
15	4200	6320	1760	3760	5070	1940	5550	7220	3120	776	1840	5760
16	2820	8490	3750	6360	13300	1960	2160	1540	7240	2260	5650	4840
17	5290	681	5970	4540	7360	9580	7640	4770	3310	4070	1590	4670
18	5050	4200	5370	5310	6390	4460	8210	7400	6210	4800	4950	2390
19	2450	1710	3450	4240	1140	4950	2510	6220	2980	7050	3830	2650
20	4050	455	4520	8690	1970	1260	2480	2580	3810	4070	8080	4150
21	8550	2990	3890	6830	1630	2670	4460	6750	9230	8280	2360	8820
22	3770	6820	7790	5740	1900	2860	4930	8650	2810	696	4610	1080
23	4490	6190	6920	3530	9900	3670	2580	2570	6720	4000	4640	-168
24	1420	5210	3410	4050	8660	3600	11700	2560	5010	4120	1230	-27
25	3960	7180	3550	5660	2620	2470	2820	4730	4740	5810	5420	3830
26	6430	2230	3500	5110	2720	2470	3860	6430	9490	6440	2280	20200
27	3450	2810	5020	9130	5240	5780	4050	11800	5040	2060	3890	18400
28	7720	5130	4010	5310	9720	11900	3700	1920	-23	6790	9020	18300
29	4140	7070	8560	4700	---	3390	4400	2440	2180	1910	6620	16900
30	2600	3690	10300	3340	---	5510	1760	3670	1690	2550	2930	14500
31	7920	---	3580	6980	---	4210	---	3400	---	7020	2430	---
TOTAL	133670	130066	165260	176190	144970	142048	137710	151030	140267	132552	135818	181999
MEAN	4312	4336	5331	5684	5177	4582	4590	4872	4676	4276	4381	6067
MAX	8550	8790	12700	11700	13300	11900	11700	11800	9490	10700	10800	20200
MIN	1420	455	1060	3240	1140	908	1510	1540	-23	696	592	-168

CAL YR 1988 TOTAL 1437415.00 MEAN 3927 MAX 12700 MIN -237
WTR YR 1989 TOTAL 1771580 MEAN 4854 MAX 20200 MIN -168

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 form junction of Mepkin Creek at river mile 36.7.

DRAINAGE AREA.--Undetermined.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--April 1989 to September 1989.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 18.50 feet below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.38 ft, Sept. 22, 1989; minimum, 17.17 ft, July 14, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.38 ft, Sept. 22; minimum, 17.17 ft, July 14.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	22.22	18.95	20.55
2	---	---	---	---	---	---	---	---	---	21.75	18.13	20.25
3	---	---	---	---	---	---	---	---	---	22.30	18.45	20.28
4	---	---	---	---	---	---	---	---	---	22.86	19.27	20.95
5	---	---	---	---	---	---	---	---	---	22.61	19.85	21.35
6	---	---	---	---	---	---	---	---	---	22.34	19.69	21.11
7	---	---	---	---	---	---	---	---	---	22.04	19.00	20.35
8	---	---	---	---	---	---	---	---	---	21.79	18.72	20.42
9	---	---	---	---	---	---	---	---	---	21.72	18.54	20.28
10	---	---	---	---	---	---	---	---	---	21.71	18.82	20.19
11	---	---	---	---	---	---	21.65	18.95	20.56	21.30	19.28	20.62
12	---	---	---	---	---	---	21.73	19.15	20.61	21.14	19.08	20.22
13	---	---	---	---	---	---	21.52	19.27	20.57	21.14	18.67	20.04
14	---	---	---	---	---	---	21.51	19.35	20.54	21.30	18.69	19.99
15	---	---	---	---	---	---	21.67	19.60	20.67	21.96	18.88	20.35
16	---	---	---	---	---	---	21.55	19.15	20.33	21.36	18.33	20.09
17	---	---	---	---	---	---	22.02	18.94	20.48	22.05	18.34	20.02
18	---	---	---	---	---	---	21.63	19.16	20.71	22.24	19.07	20.57
19	---	---	---	---	---	---	21.42	18.18	19.93	22.04	19.25	20.65
20	---	---	---	---	---	---	21.71	18.51	20.22	21.89	19.10	20.42
21	---	---	---	---	---	---	22.14	19.30	20.80	22.11	19.14	20.54
22	---	---	---	---	---	---	22.07	19.59	20.93	22.08	19.17	20.75
23	---	---	---	---	---	---	22.05	18.21	20.21	22.12	19.04	20.31
24	---	---	---	---	---	---	21.74	19.57	20.91	21.19	18.20	19.75
25	---	---	---	---	---	---	21.80	19.06	20.19	21.23	18.65	20.05
26	---	---	---	---	---	---	21.22	18.45	19.93	21.65	18.91	20.44
27	---	---	---	---	---	---	21.50	18.85	20.23	21.98	18.78	20.67
28	---	---	---	---	---	---	21.40	18.94	20.39	22.18	18.67	20.59
29	---	---	---	---	---	---	21.93	19.11	20.70	22.26	19.50	21.01
30	---	---	---	---	---	---	21.53	18.80	20.30	22.08	19.57	20.70
31	---	---	---	---	---	---	---	---	---	21.98	18.48	20.36
MONTH	---	---	---	---	---	---	22.14	18.18	20.46	22.86	18.13	20.45

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.94	18.91	20.27	---	---	---	21.57	17.62	19.93	21.89	19.25	20.68
2	22.43	18.44	20.13	---	---	---	21.89	18.69	20.20	21.76	19.14	20.53
3	22.05	17.93	20.11	---	---	---	22.07	19.21	20.85	21.34	18.58	20.23
4	21.91	18.46	20.20	---	---	---	22.20	19.50	21.04	21.87	19.31	20.68
5	21.90	18.95	20.26	---	---	---	21.93	18.97	20.71	22.06	19.41	20.88
6	21.74	18.65	20.08	---	---	---	21.65	18.58	20.43	22.32	19.32	21.08
7	21.76	19.10	20.54	---	---	---	22.06	18.89	20.59	22.65	19.83	21.34
8	21.70	19.06	20.49	---	---	---	21.63	18.71	20.36	22.76	19.97	21.42
9	21.63	18.86	20.52	---	---	---	21.88	19.11	20.65	22.55	19.36	21.12
10	21.20	18.02	19.89	---	---	---	21.68	19.23	20.45	22.46	19.71	21.02
11	21.28	17.86	19.75	---	---	---	21.91	19.13	20.44	22.59	19.21	20.85
12	22.09	18.66	20.31	21.25	18.55	---	22.61	20.02	20.93	22.35	18.90	20.73
13	21.51	18.36	19.87	21.15	18.01	19.71	21.81	18.61	20.41	22.52	19.60	20.90
14	21.58	18.57	19.89	21.57	17.17	19.59	21.94	18.21	20.17	22.50	19.19	20.83
15	21.26	18.00	19.73	22.03	18.65	20.14	22.05	18.40	20.31	22.29	19.32	20.95
16	21.84	18.48	20.13	21.57	18.61	20.16	22.20	19.19	20.70	22.33	19.33	20.97
17	21.78	18.37	19.97	21.74	18.65	19.99	21.86	19.27	20.57	22.12	18.74	20.69
18	21.77	18.85	20.27	22.14	18.71	20.25	21.95	19.01	20.74	21.86	18.66	20.56
19	21.78	18.99	20.17	22.38	19.39	20.96	22.03	19.15	20.84	21.90	18.97	20.68
20	22.32	18.54	20.15	22.28	19.50	20.80	22.34	19.11	21.09	22.01	19.51	20.69
21	21.98	19.38	20.72	21.91	19.26	20.96	22.13	19.26	20.78	22.72	19.11	21.23
22	21.68	18.68	20.13	22.18	19.33	20.65	22.16	18.39	20.50	24.38	19.91	22.35
23	21.71	18.78	20.46	21.75	18.68	20.47	22.18	17.95	20.24	21.83	19.05	20.58
24	21.70	18.70	20.51	21.88	18.13	20.24	21.71	17.77	19.95	22.40	19.48	20.80
25	22.06	18.52	20.53	22.35	17.86	20.44	22.29	18.17	20.38	22.95	20.55	21.70
26	22.53	18.86	20.90	22.62	18.57	20.64	22.41	19.44	20.91	22.92	21.26	22.16
27	22.21	18.67	20.60	21.97	18.05	20.21	22.24	19.78	20.90	23.39	21.43	22.36
28	21.20	18.38	19.99	22.03	18.60	20.09	22.82	19.65	21.00	23.25	21.94	22.61
29	22.03	18.33	20.28	21.96	17.39	19.86	22.61	19.83	21.03	23.11	21.65	22.42
30	21.58	19.01	20.53	21.93	19.03	20.36	21.89	19.53	20.64	22.82	21.25	21.98
31	---	---	---	22.06	19.18	20.56	21.87	19.13	20.45	---	---	---
MONTH	22.53	17.86	20.25	22.62	17.17	20.32	22.82	17.62	20.59	24.38	18.58	21.17
YEAR	24.38	17.17	20.56									

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1982 to September 1985, April 1989 to current year.

INSTRUMENTATION.--USGS mini-monitor May 1982 to September 1985, USGS mini-monitor and data collection platform since April 1989.

EXTREMES FOR PERIOD OF RECORD.--Maximum, 369 microsiemens, June 19, 1983; minimum, 48 microsiemens, May 25, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum, 192 microseiemens, July 14; minimum, 88 microsiemens, Sept. 24.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	130	125	128
2	---	---	---	---	---	---	---	---	---	131	124	126
3	---	---	---	---	---	---	---	---	---	129	124	126
4	---	---	---	---	---	---	---	---	---	124	120	122
5	---	---	---	---	---	---	---	---	---	123	121	121
6	---	---	---	---	---	---	---	---	---	125	119	122
7	---	---	---	---	---	---	---	---	---	126	119	122
8	---	---	---	---	---	---	---	---	---	126	118	121
9	---	---	---	---	---	---	---	---	---	124	117	121
10	---	---	---	---	---	---	149	143	145	126	117	119
11	---	---	---	---	---	---	146	135	142	118	114	116
12	---	---	---	---	---	---	140	131	136	121	115	117
13	---	---	---	---	---	---	141	122	134	122	116	118
14	---	---	---	---	---	---	140	127	134	121	116	118
15	---	---	---	---	---	---	137	130	134	118	114	116
16	---	---	---	---	---	---	136	131	133	120	114	115
17	---	---	---	---	---	---	135	127	132	117	115	116
18	---	---	---	---	---	---	142	130	133	116	113	115
19	---	---	---	---	---	---	135	128	131	122	113	115
20	---	---	---	---	---	---	132	124	129	121	114	116
21	---	---	---	---	---	---	132	128	130	125	115	117
22	---	---	---	---	---	---	132	127	129	116	114	115
23	---	---	---	---	---	---	130	128	129	116	114	114
24	---	---	---	---	---	---	134	129	131	118	115	116
25	---	---	---	---	---	---	132	127	130	119	115	117
26	---	---	---	---	---	---	135	129	131	117	114	115
27	---	---	---	---	---	---	133	127	130	118	113	115
28	---	---	---	---	---	---	130	126	129	120	113	116
29	---	---	---	---	---	---	128	126	127	125	114	117
30	---	---	---	---	---	---	131	126	128	122	115	117
31	---	---	---	---	---	---	---	---	---	123	115	117
MONTH	---	---	---	---	---	---	149	122	132	131	113	118

02172019 WEST BRANCH COOPER RIVER AT MEPKIN ABBEY NEAR CORDESVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	123	115	117	119	108	112	130	109	112	114	111	112
2	118	114	116	125	108	113	124	111	113	133	111	116
3	120	113	116	136	109	115	126	109	115	125	111	113
4	122	114	116	118	108	110	121	109	112	132	111	113
5	121	114	116	122	106	110	121	109	113	132	108	112
6	121	112	115	111	106	108	122	109	114	110	106	107
7	130	113	118	110	107	108	125	110	113	126	106	109
8	124	112	116	170	108	128	122	111	114	112	106	107
9	123	112	114	123	109	113	123	111	114	116	106	108
10	125	112	116	118	107	111	123	111	114	116	106	110
11	124	112	115	116	107	110	120	109	114	109	107	108
12	125	113	115	117	107	110	120	108	111	109	106	108
13	121	107	111	111	108	110	125	108	110	111	108	109
14	109	106	108	192	108	124	127	110	113	111	108	109
15	108	106	107	114	109	112	122	110	115	138	107	120
16	109	106	108	133	108	113	128	109	114	132	106	115
17	108	106	107	120	109	111	116	108	110	132	107	118
18	110	106	107	121	108	111	122	107	111	133	108	112
19	116	106	108	132	107	116	122	108	110	133	109	113
20	113	106	108	112	108	109	119	108	111	130	107	115
21	111	105	107	122	108	112	119	108	111	127	105	110
22	110	106	107	124	108	111	123	110	112	111	96	102
23	109	105	107	132	108	114	122	110	113	106	95	99
24	111	105	107	131	108	111	129	109	113	98	88	92
25	111	105	107	130	108	115	134	109	113	100	91	96
26	110	105	107	130	108	115	131	109	113	101	99	101
27	111	105	107	125	108	117	132	112	115	103	100	101
28	111	105	108	124	109	115	118	108	112	104	101	102
29	114	108	110	114	109	111	118	108	111	103	100	101
30	116	108	111	123	111	116	129	109	111	106	100	102
31	---	---	---	124	109	113	133	110	115	---	---	---
MONTH	130	105	111	192	106	113	134	107	113	138	88	108
YEAR	192	88	115									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC

LOCATION.--Lat 33°05'36'', long 79°56'57'', Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

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

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 10.14 feet below National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark). Prior to April 27, 1983, at site 0.5 mi upstream at datum 5.19 ft higher.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, undertermined; minimum, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.82 ft, Sept. 22; minimum, 8.83 ft, Dec.1, July 14.

Water Year 1980: Maximum gage height, undetermined; minimum, undetermined.
Water Year 1981: Maximum gage height, undetermined; minimum, undetermined.
Water Year 1982: Maximum gage height, 10.37 ft, June 18; minimum, 4.16 ft, March 3.
Water Year 1983: Prior to relocation; Max. gage height, 11.48 ft, March 18; minimum, 5.07 ft, Dec. 2.
After relocation; Max. gage height, 14.81 ft, June 11; minimum, 9.53 ft, Aug. 4.
Water Year 1984: Maximum gage height, 15.57 ft, March 21; minimum, 9.81 ft, Oct.29.
Water Year 1985: Maximum gage height, 15.14 ft, July 25, Aug. 24; minimum, 8.89 ft, Jan. 25, 26, April 2.
Water Year 1986: Maximum gage height, 14.70 ft, Oct. 14; minimum, 8.81 ft, Dec. 26-30.
Water Year 1987: Maximum gage height, 16.48 ft, Sept. 5; minimum, 8.82 ft, Feb. 24, April 4, 13.
Water Year 1988: Maximum gage height, 14.45 ft, Sept. 23; minimum, 8.83 ft, Dec. 5,17, Feb. 12, 13, Mar. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.70	6.81	7.60	9.40	6.58	7.86	7.90	7.03	7.76	9.21	6.66	8.10
2	9.08	7.50	8.19	9.59	6.91	8.36	8.98	7.12	7.83	9.11	6.25	7.93
3	9.00	7.64	8.36	9.86	8.02	8.86	7.93	7.38	7.64	9.18	6.50	8.05
4	9.06	7.86	8.54	9.70	7.30	8.63	9.18	7.69	8.02	9.41	6.53	8.20
5	9.06	8.28	8.83	9.92	7.40	8.84	7.82	7.30	7.56	8.88	6.40	7.71
6	9.12	8.13	8.66	9.85	7.76	8.78	7.45	7.06	7.27	8.63	5.63	7.33
7	9.12	7.54	8.35	9.25	6.93	8.15	---	---	---	8.93	6.37	7.64
8	8.78	7.27	8.07	9.11	6.68	7.94	---	---	---	8.34	5.73	7.31
9	8.73	7.35	8.04	9.03	6.52	7.79	---	---	---	8.42	6.09	7.40
10	8.28	7.00	7.64	8.65	6.59	7.64	---	---	---	8.66	6.91	7.78
11	9.50	6.99	8.09	8.35	6.63	7.43	---	---	---	8.92	7.52	8.26
12	9.33	7.86	8.58	8.77	6.94	7.85	8.46	7.44	7.98	8.23	7.14	7.73
13	8.84	7.54	8.20	8.76	7.76	8.22	8.56	7.31	7.94	9.21	7.30	8.46
14	9.10	7.39	8.06	8.89	7.71	8.28	8.46	7.05	7.71	9.62	8.06	8.94
15	9.12	7.80	8.42	9.25	7.87	8.55	8.94	6.83	8.06	9.52	8.14	8.80
16	9.21	7.75	8.43	8.93	7.56	8.27	9.01	7.14	8.22	9.66	8.12	8.97
17	9.32	7.93	8.54	9.15	7.59	8.32	9.24	7.59	8.42	9.67	8.34	9.19
18	9.35	7.89	8.55	9.02	7.48	8.20	9.56	7.47	8.56	9.71	8.71	9.35
19	9.51	7.95	8.77	9.05	7.33	8.15	9.48	6.92	8.23	9.64	8.07	9.01
20	9.33	7.70	8.62	9.07	7.11	8.08	9.27	6.87	7.94	9.65	8.25	9.09
21	8.99	6.78	7.94	8.28	7.20	7.45	9.41	6.73	7.91	9.64	8.28	9.07
22	9.28	6.22	8.02	8.92	7.11	7.64	9.43	6.23	8.00	9.54	8.54	9.16
23	9.11	6.27	7.88	8.60	7.13	7.75	9.47	7.03	8.30	9.45	8.02	8.91
24	8.76	5.60	7.37	8.24	7.07	7.52	9.28	6.85	8.13	9.09	7.76	8.37
25	9.43	6.75	8.06	9.04	7.07	7.82	8.14	6.07	7.16	8.72	7.63	8.20
26	8.87	6.27	7.81	9.05	7.85	8.39	8.58	5.84	7.28	8.99	7.63	8.39
27	8.94	6.49	7.83	7.86	7.49	7.81	9.01	7.47	8.23	9.47	8.02	8.96
28	8.73	6.56	7.72	7.93	7.49	7.76	9.24	7.43	8.45	9.47	8.43	9.00
29	9.00	6.97	7.92	7.81	7.29	7.50	9.34	7.65	8.48	9.44	8.28	8.91
30	8.99	6.59	7.76	7.82	7.39	7.61	9.17	7.27	8.24	9.44	8.10	8.85
31	9.20	6.78	7.96	---	---	---	9.32	6.72	8.19	---	---	---
MONTH	9.51	5.60	8.16	9.92	6.52	8.05	---	---	---	---	---	---

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	9.45	6.91	8.38	9.76	8.35	8.95	9.45	7.77	8.49
2	---	---	---	9.56	7.76	8.62	9.70	8.57	9.14	9.55	8.03	8.66
3	---	---	---	8.69	6.75	7.86	9.70	8.46	9.06	9.57	7.84	8.62
4	---	---	---	8.86	6.44	7.74	9.62	8.32	8.91	9.42	7.82	8.57
5	---	---	---	8.33	6.10	7.16	9.11	7.98	8.48	---	---	---
6	---	---	---	8.06	5.63	6.74	9.38	8.15	8.70	---	---	---
7	---	---	---	7.89	5.41	6.61	9.45	8.21	8.80	---	---	---
8	---	---	---	7.65	5.40	6.85	9.34	8.35	8.79	8.64	6.69	7.78
9	---	---	---	8.13	7.09	7.55	9.40	8.19	8.82	9.06	6.95	7.90
10	---	---	---	8.81	7.76	8.29	9.26	8.17	8.73	9.20	6.95	8.12
11	---	---	---	8.86	7.57	8.24	9.42	8.12	8.75	9.03	6.69	7.94
12	---	---	---	9.21	7.54	8.51	9.70	8.23	9.01	9.45	6.51	7.90
13	---	---	---	9.93	8.54	9.58	9.82	8.47	9.17	9.53	6.63	7.94
14	9.52	7.82	8.62	9.68	8.67	9.21	9.82	8.78	9.48	9.24	6.60	7.86
15	9.60	7.84	8.68	9.63	8.25	8.96	9.82	8.65	9.34	9.71	6.75	8.32
16	9.77	7.64	8.68	9.75	8.34	9.03	9.88	8.28	9.04	9.72	7.22	8.47
17	9.64	7.35	8.56	9.93	8.39	9.13	9.89	8.54	9.17	9.60	7.19	8.30
18	9.80	8.03	8.89	9.91	8.26	9.11	9.88	8.50	9.21	9.28	6.87	8.02
19	9.78	7.72	8.74	9.69	8.37	9.06	9.82	8.36	9.08	8.66	6.93	7.85
20	9.51	7.37	8.42	9.87	8.53	9.20	9.65	8.27	8.94	8.55	6.53	7.65
21	9.18	6.52	7.85	9.93	7.91	8.94	9.56	8.34	8.92	8.50	6.30	7.55
22	8.51	5.95	7.31	8.92	7.64	8.26	9.45	8.27	8.86	8.96	6.91	7.85
23	8.20	6.01	7.05	9.07	8.03	8.54	9.04	7.92	8.47	9.13	7.90	8.49
24	7.92	5.95	6.99	9.41	8.30	8.81	8.99	7.86	8.44	9.05	7.71	8.40
25	8.37	5.85	7.18	8.89	7.84	8.38	9.15	8.03	8.56	9.09	7.70	8.40
26	8.04	5.44	6.57	9.15	7.82	8.58	9.39	8.11	8.68	9.73	7.91	8.60
27	8.66	5.99	7.48	9.58	8.14	8.90	9.63	8.26	8.85	9.78	8.26	8.96
28	8.33	5.86	7.30	9.80	8.59	9.25	9.34	8.12	8.78	9.72	8.14	8.84
29	8.59	5.75	7.30	9.48	8.42	9.06	9.44	8.13	8.70	9.57	7.98	8.76
30	---	---	---	9.71	8.46	9.17	9.32	7.76	8.54	9.51	7.89	8.65
31	---	---	---	9.58	8.35	9.02	---	---	---	9.54	7.85	8.61
MONTH	---	---	---	9.93	5.40	8.48	9.89	7.76	8.88	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.53	7.87	8.63	---	---	---	---	---	---	---	---	---
2	9.53	7.73	8.64	---	---	---	---	---	---	---	---	---
3	9.36	7.36	8.32	---	---	---	---	---	---	---	---	---
4	8.85	6.92	7.85	---	---	---	---	---	---	---	---	---
5	9.08	6.57	7.96	---	---	---	---	---	---	---	---	---
6	9.07	7.02	8.18	---	---	---	---	---	---	---	---	---
7	8.91	6.62	7.87	---	---	---	---	---	---	---	---	---
8	8.80	6.39	7.63	---	---	---	---	---	---	---	---	---
9	9.54	5.28	7.30	---	---	---	---	---	---	---	---	---
10	9.71	7.21	8.29	---	---	---	---	---	---	---	---	---
11	9.45	6.82	8.00	---	---	---	---	---	---	---	---	---
12	9.41	6.60	7.76	---	---	---	---	---	---	---	---	---
13	9.51	6.69	7.97	---	---	---	---	---	---	---	---	---
14	9.37	6.65	7.77	---	---	---	---	---	---	---	---	---
15	9.05	5.98	7.51	---	---	---	---	---	---	---	---	---
16	8.56	5.82	7.26	---	---	---	---	---	---	---	---	---
17	8.39	5.44	6.95	---	---	---	---	---	---	---	---	---
18	8.31	5.95	7.11	---	---	---	---	---	---	---	---	---
19	8.22	5.88	7.16	---	---	---	---	---	---	7.94	5.11	6.58
20	---	---	---	---	---	---	---	---	---	8.27	5.55	6.86
21	---	---	---	---	---	---	---	---	---	8.34	5.56	6.99
22	---	---	---	---	---	---	---	---	---	8.51	5.71	7.06
23	---	---	---	---	---	---	---	---	---	8.96	5.86	7.32
24	---	---	---	---	---	---	---	---	---	8.73	6.08	7.49
25	---	---	---	---	---	---	---	---	---	8.64	6.05	7.34
26	9.13	7.59	8.22	---	---	---	---	---	---	9.02	6.10	7.76
27	9.23	7.31	8.14	---	---	---	---	---	---	8.85	6.14	7.62
28	---	---	---	---	---	---	---	---	---	9.10	6.50	7.85
29	---	---	---	---	---	---	---	---	---	8.85	6.35	7.67
30	---	---	---	---	---	---	---	---	---	8.69	6.49	7.64
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.90	6.49	7.70	8.05	5.84	6.96	7.60	5.71	6.82	8.22	6.24	7.29
2	9.01	6.92	7.90	8.27	5.87	6.90	8.09	6.07	7.16	7.69	5.18	6.69
3	8.67	7.25	7.96	8.38	5.94	7.19	8.24	6.09	7.09	8.35	5.95	7.22
4	8.24	5.92	7.11	8.35	5.74	7.07	8.67	6.47	7.80	8.14	6.04	7.16
5	8.22	5.80	7.00	8.36	5.92	7.12	8.74	6.61	7.79	9.14	6.87	8.03
6	8.97	5.74	7.23	8.42	5.72	7.24	8.65	6.42	7.65	8.88	6.54	7.71
7	9.25	6.49	8.02	8.58	5.76	7.38	8.49	5.69	7.36	8.53	5.79	7.15
8	9.17	6.70	8.00	8.47	6.28	7.39	8.76	5.90	7.57	8.94	5.71	7.43
9	9.02	6.72	7.86	8.28	5.44	6.86	8.58	6.57	7.51	9.23	6.61	7.89
10	8.99	6.86	8.11	7.58	4.33	6.35	8.44	5.27	7.10	8.73	6.58	7.58
11	9.02	7.11	8.18	8.05	4.72	6.72	8.74	4.93	7.20	8.64	6.27	7.37
12	8.93	6.89	8.04	8.33	5.44	7.00	8.73	6.63	7.64	8.39	6.55	7.44
13	9.13	7.18	8.10	8.53	6.75	7.54	8.39	5.76	7.17	8.81	6.49	7.84
14	8.66	6.76	7.67	8.25	6.10	7.03	8.44	5.10	6.91	7.76	4.19	6.39
15	8.62	6.76	7.64	8.42	5.50	7.15	8.96	7.01	7.87	7.23	4.32	5.93
16	8.48	6.26	7.37	8.80	6.12	7.55	8.70	7.00	7.84	7.86	3.98	6.34
17	8.51	6.22	7.28	10.01	7.43	8.72	8.91	6.74	7.85	7.78	4.64	6.71
18	8.33	6.12	7.16	9.06	7.60	8.33	9.27	7.19	8.26	8.03	5.09	6.57
19	8.16	5.86	7.00	9.33	6.50	7.97	8.99	6.58	7.67	8.44	4.82	6.84
20	9.02	5.65	7.16	9.38	7.15	8.29	8.77	5.61	7.43	8.46	5.55	7.11
21	8.81	6.40	7.59	9.46	6.90	8.21	9.82	7.05	8.56	8.49	6.08	7.17
22	9.13	6.25	7.89	9.42	6.64	8.22	9.87	7.57	8.71	8.25	4.99	6.76
23	9.49	6.51	8.08	9.57	6.61	8.06	9.33	6.38	7.73	8.25	5.55	6.91
24	9.70	6.78	8.48	9.29	6.51	7.83	8.38	5.07	6.89	8.10	5.59	6.88
25	9.38	6.62	8.06	8.65	6.56	7.44	7.51	3.93	6.11	8.18	6.23	7.16
26	8.78	5.32	7.09	8.97	6.03	7.58	8.81	5.86	7.25	8.02	5.97	7.07
27	8.52	5.45	7.05	9.30	6.94	8.16	8.90	6.38	7.62	7.75	5.65	6.74
28	8.16	5.00	6.77	8.19	6.00	7.14	8.60	6.01	7.36	7.51	5.61	6.56
29	7.76	6.02	6.77	6.90	5.07	6.17	7.80	5.57	6.78	7.54	4.88	6.49
30	8.63	5.32	7.08	7.33	5.81	6.59	8.19	5.86	7.28	7.36	4.93	6.48
31	8.32	6.11	7.23	---	---	---	8.37	6.52	7.57	8.54	6.31	7.56
MONTH	9.70	5.00	7.57	10.01	4.33	7.41	9.87	3.93	7.47	9.23	3.98	7.05
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.68	6.33	7.44	7.58	5.07	6.33	7.29	4.57	6.02	---	---	---
2	8.43	5.62	6.74	7.88	4.79	6.50	7.37	4.38	6.01	---	---	---
3	7.41	4.00	5.85	8.12	5.05	6.73	7.80	4.57	6.30	---	---	---
4	7.92	4.38	6.27	8.30	5.43	6.96	8.06	5.17	6.59	---	---	---
5	8.00	4.14	6.34	8.57	5.86	7.21	8.01	5.28	6.65	---	---	---
6	8.12	5.01	6.61	8.64	5.30	7.04	7.69	4.41	6.11	---	---	---
7	8.11	4.96	6.62	8.66	5.88	7.31	7.88	5.09	6.52	---	---	---
8	7.94	5.01	6.53	8.99	5.94	7.47	8.30	5.39	6.76	---	---	---
9	7.74	5.01	6.36	8.67	6.08	7.48	8.14	5.10	6.54	---	---	---
10	8.16	5.34	6.73	8.69	5.95	7.47	7.78	5.13	6.35	---	---	---
11	8.21	4.56	6.82	8.68	5.94	7.46	7.84	4.97	6.45	---	---	---
12	7.21	4.81	6.07	8.01	5.98	7.04	7.50	4.61	6.22	---	---	---
13	8.16	6.02	7.12	8.08	5.13	6.91	8.24	4.70	6.58	---	---	---
14	8.08	5.48	6.83	7.42	5.44	6.42	8.32	5.81	7.22	---	---	---
15	8.32	5.16	6.77	8.00	5.31	6.86	8.10	5.34	6.86	---	---	---
16	8.37	4.99	6.71	8.06	5.11	6.31	---	---	---	---	---	---
17	7.83	4.85	6.36	7.88	4.23	6.25	---	---	---	---	---	---
18	7.98	4.67	6.46	7.76	4.66	6.32	7.63	4.32	6.11	---	---	---
19	---	---	---	8.56	4.94	6.61	---	---	---	---	---	---
20	---	---	---	8.19	5.67	7.02	---	---	---	---	---	---
21	7.78	5.17	6.50	7.91	5.78	6.95	---	---	---	---	---	---
22	8.20	5.69	6.93	8.21	5.21	6.82	---	---	---	---	---	---
23	8.44	6.10	7.35	8.30	5.95	7.00	---	---	---	---	---	---
24	8.10	6.11	7.03	7.97	5.50	6.59	---	---	---	---	---	---
25	7.95	6.01	7.03	7.77	5.13	6.39	---	---	---	---	---	---
26	7.33	5.18	6.36	7.46	5.69	6.41	---	---	---	---	---	---
27	7.49	5.47	6.46	7.45	4.61	6.07	---	---	---	---	---	---
28	7.73	5.22	6.59	6.97	5.13	6.07	---	---	---	---	---	---
29	---	---	---	7.43	5.02	6.24	---	---	---	---	---	---
30	---	---	---	7.59	4.55	6.30	---	---	---	---	---	---
31	---	---	---	6.93	4.32	5.70	---	---	---	---	---	---
MONTH	---	---	---	8.99	4.23	6.72	---	---	---	---	---	---

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	8.61	5.67	7.15	10.12	5.50	7.75
2	---	---	---	---	---	---	8.50	5.71	7.09	9.76	5.28	8.02
3	---	---	---	---	---	---	8.79	6.00	7.66	10.59	5.66	8.55
4	---	---	---	---	---	---	8.64	5.96	7.63	10.69	6.42	8.71
5	---	---	---	---	---	---	8.38	5.44	7.35	9.30	4.95	7.38
6	---	---	---	---	---	---	8.06	5.13	6.85	10.06	4.96	7.49
7	---	---	---	---	---	---	8.33	5.12	6.81	10.20	5.73	7.72
8	---	---	---	---	---	---	8.58	5.76	7.10	9.15	4.47	6.90
9	---	---	---	---	---	---	---	---	---	10.28	4.11	6.94
10	---	---	---	---	---	---	---	---	---	9.36	5.96	7.66
11	---	---	---	---	---	---	---	---	---	9.24	6.81	7.97
12	---	---	---	---	---	---	---	---	---	9.08	6.68	7.67
13	---	---	---	---	---	---	---	---	---	8.67	6.14	7.42
14	---	---	---	---	---	---	---	---	---	9.17	6.11	7.69
15	---	---	---	8.67	5.21	6.79	---	---	---	9.04	6.34	7.77
16	---	---	---	8.37	5.66	7.04	---	---	---	8.68	6.00	7.35
17	---	---	---	8.25	5.80	6.96	---	---	---	8.37	5.62	7.04
18	---	---	---	8.41	5.33	6.83	---	---	---	8.55	5.67	7.18
19	---	---	---	8.25	5.72	7.04	---	---	---	8.49	5.76	7.17
20	---	---	---	8.46	5.83	7.21	---	---	---	8.39	5.54	7.06
21	---	---	---	8.51	5.58	7.35	---	---	---	8.06	5.05	6.73
22	---	---	---	8.17	5.18	6.80	---	---	---	7.94	4.92	6.54
23	---	---	---	8.34	5.31	6.83	---	---	---	8.14	4.83	6.54
24	---	---	---	8.16	5.54	6.93	---	---	---	8.02	4.97	6.63
25	---	---	---	7.98	5.01	6.68	---	---	---	8.09	5.04	6.63
26	---	---	---	8.11	4.76	6.58	---	---	---	7.99	5.28	6.71
27	---	---	---	8.82	5.05	6.83	---	---	---	7.97	5.33	6.71
28	---	---	---	8.15	4.80	6.57	---	---	---	7.83	5.28	6.63
29	---	---	---	8.41	4.42	6.44	---	---	---	7.90	5.29	6.66
30	---	---	---	8.35	4.75	6.64	10.02	5.22	7.60	8.01	5.59	6.78
31	---	---	---	8.32	5.65	7.04	10.02	5.42	7.78	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	10.69	4.11	7.27

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.08	5.32	6.69	8.22	5.77	7.00	---	---	---	8.77	7.40	8.11
2	7.62	4.58	6.16	8.11	5.70	6.86	---	---	---	8.74	7.19	7.93
3	7.71	4.90	6.31	8.04	5.45	6.76	---	---	---	8.97	7.55	8.30
4	7.58	5.13	6.39	7.74	5.34	6.55	---	---	---	9.15	7.22	8.31
5	7.36	4.75	6.14	7.76	5.34	6.57	---	---	---	8.31	7.00	7.67
6	8.00	4.32	6.42	7.82	5.40	6.63	---	---	---	8.94	6.95	8.02
7	7.14	4.34	5.99	8.03	5.53	6.75	---	---	---	9.07	7.20	8.02
8	7.78	4.89	6.41	8.15	5.81	7.03	---	---	---	8.89	6.78	7.91
9	7.95	5.08	6.53	8.15	5.59	6.92	---	---	---	9.55	7.24	8.28
10	8.21	5.49	6.80	8.35	5.53	7.04	---	---	---	8.51	6.69	7.60
11	8.42	5.67	6.97	8.69	5.78	7.31	9.19	6.39	7.79	8.54	6.67	7.57
12	8.52	5.86	7.15	9.13	6.11	7.74	9.28	6.69	7.93	8.83	6.56	7.68
13	8.69	6.06	7.39	9.24	6.49	7.92	8.97	6.23	7.44	9.14	7.12	8.04
14	8.90	6.34	7.68	9.06	6.39	7.75	8.81	5.63	7.18	9.07	7.12	8.01
15	8.90	6.31	7.61	---	---	---	8.39	5.34	6.79	7.87	6.46	7.18
16	9.15	6.02	7.53	---	---	---	7.96	3.81	6.29	8.05	6.58	7.31
17	8.35	5.73	7.12	---	---	---	8.27	5.57	6.96	7.80	6.31	7.07
18	8.23	5.40	6.85	---	---	---	8.03	5.96	6.99	8.02	6.30	7.19
19	7.50	4.19	6.09	---	---	---	7.80	6.00	6.90	8.01	6.23	7.04
20	7.73	4.85	6.35	---	---	---	7.79	5.96	6.82	7.84	6.07	6.96
21	7.66	4.85	6.35	---	---	---	7.94	5.91	6.88	8.34	6.28	7.28
22	7.50	4.79	6.25	---	---	---	7.83	5.82	6.78	8.54	6.32	7.57
23	7.59	4.88	6.30	---	---	---	8.00	5.69	6.78	8.76	6.95	7.78
24	7.96	5.01	6.44	---	---	---	7.85	5.55	6.71	8.03	6.30	7.11
25	8.32	5.92	7.12	---	---	---	8.49	5.79	7.19	8.35	6.05	7.24
26	8.26	5.93	7.08	---	---	---	---	---	---	7.90	6.32	7.10
27	8.60	5.68	7.30	---	---	---	---	---	---	8.47	6.51	7.49
28	7.91	5.61	6.76	---	---	---	---	---	---	8.51	6.67	7.53
29	8.01	5.40	6.75	---	---	---	---	---	---	8.27	6.55	7.39
30	8.23	5.77	6.95	---	---	---	9.00	6.94	7.94	8.33	6.70	7.47
31	8.23	5.86	6.99	---	---	---	9.69	7.49	8.52	8.43	6.78	7.58
MONTH	9.15	4.19	6.74	---	---	---	---	---	---	9.55	6.05	7.60

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.05	6.22	7.15	9.33	6.22	7.73	8.24	5.30	6.86	9.47	7.93	8.68
2	8.30	6.70	7.51	8.40	4.73	6.70	7.82	5.50	6.70	9.11	7.59	8.36
3	8.64	6.51	7.57	7.24	4.16	5.98	7.90	5.44	6.66	8.93	7.38	8.15
4	8.45	6.37	7.43	8.09	4.49	6.70	7.38	4.67	6.16	9.07	7.28	8.13
5	8.74	6.41	7.65	---	---	---	8.65	4.94	6.92	9.13	7.02	7.99
6	8.87	6.72	7.78	---	---	---	8.45	6.14	7.28	8.93	6.98	7.94
7	8.90	6.63	7.81	9.60	7.32	8.32	8.53	5.51	7.09	8.63	6.59	7.69
8	9.07	6.96	7.98	8.85	6.79	7.89	9.27	6.46	7.68	8.81	6.76	7.64
9	9.08	6.98	7.98	9.08	7.20	8.16	9.07	6.72	7.90	8.90	6.88	7.78
10	8.62	6.86	7.73	9.04	7.36	8.21	8.53	6.09	7.27	9.13	6.91	7.93
11	8.80	6.99	7.87	8.89	7.29	8.10	8.65	6.19	7.25	8.81	6.73	7.59
12	8.67	7.03	7.87	8.91	7.31	8.09	8.34	4.87	6.60	8.57	6.68	7.50
13	8.72	7.15	7.91	8.96	7.29	8.05	7.52	4.80	6.04	8.26	6.21	7.05
14	8.43	7.02	7.69	8.64	7.04	7.76	7.31	4.89	6.06	7.81	5.93	6.86
15	8.19	6.80	7.48	8.66	7.14	7.83	7.86	6.06	7.00	7.84	5.94	6.97
16	7.92	6.63	7.30	8.68	7.08	7.83	7.97	5.25	6.73	8.00	6.12	7.14
17	8.10	6.70	7.43	8.40	6.66	7.53	7.28	4.83	6.17	8.12	5.92	7.01
18	8.42	6.77	7.58	7.98	6.88	7.43	7.60	5.10	6.35	8.13	5.57	6.85
19	8.51	6.92	7.65	8.39	6.98	7.65	7.88	5.56	6.73	7.84	5.30	6.72
20	8.62	6.82	7.81	8.36	6.90	7.62	8.45	5.39	7.03	8.09	5.09	6.57
21	8.84	7.25	7.97	8.86	7.00	8.02	8.40	5.87	7.15	8.32	5.00	6.67
22	8.91	7.00	7.97	8.85	7.22	8.01	8.77	5.52	7.17	9.20	5.56	7.02
23	9.09	6.54	8.00	9.43	7.33	8.31	9.29	6.32	7.76	8.87	5.27	7.09
24	9.07	6.00	7.47	9.77	7.92	8.85	9.07	6.72	8.00	8.58	5.77	7.16
25	9.31	5.41	7.18	9.88	8.16	8.97	---	---	---	8.71	5.92	7.40
26	9.74	6.68	8.19	9.65	7.87	8.81	9.31	7.17	8.13	8.99	6.18	7.44
27	10.10	6.72	8.37	9.49	7.84	8.65	9.40	7.40	8.33	8.81	6.50	7.81
28	9.30	5.84	7.50	9.57	7.67	8.53	9.25	7.26	8.19	9.08	6.96	8.01
29	---	---	---	9.68	7.65	8.64	9.47	7.87	8.59	8.85	6.97	7.90
30	---	---	---	9.30	6.61	7.97	9.72	7.97	8.76	8.78	7.02	7.90
31	---	---	---	8.70	5.88	7.31	---	---	---	8.81	6.77	7.74
MONTH	10.10	5.41	7.71	---	---	---	---	---	---	9.47	5.00	7.51

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.93	6.83	7.84	8.70	5.49	7.02	7.65	4.23	6.19	8.80	5.99	7.08
2	8.94	6.49	7.54	8.72	5.59	7.13	8.60	5.24	6.58	8.34	5.52	6.95
3	9.18	6.94	7.86	8.24	5.63	6.97	8.36	5.57	6.95	7.96	4.89	6.61
4	9.22	6.98	7.95	8.17	5.43	6.55	9.00	6.12	7.43	7.84	4.96	6.51
5	9.17	7.05	7.94	8.79	5.64	6.90	8.86	6.39	7.60	8.36	5.74	7.14
6	9.27	6.91	7.90	8.70	6.02	7.32	8.79	6.02	7.41	8.55	6.04	7.31
7	9.30	7.30	8.21	8.81	6.18	7.24	8.90	6.03	7.56	8.38	5.87	7.17
8	9.39	7.08	8.12	8.52	5.85	7.08	8.83	6.01	7.52	8.46	5.97	7.26
9	9.13	7.27	8.12	8.35	5.61	6.95	8.73	6.07	7.47	8.52	5.91	7.28
10	9.28	7.46	8.32	8.06	5.31	6.91	8.27	4.98	6.96	8.52	5.73	7.22
11	8.96	7.37	8.06	7.92	5.26	6.59	8.50	5.03	7.12	8.53	5.82	7.23
12	9.56	7.50	8.45	7.63	4.95	6.46	8.37	5.11	6.98	8.41	5.40	6.99
13	9.20	7.47	8.28	7.78	5.04	6.61	9.05	6.12	7.52	8.99	5.68	7.20
14	8.86	7.21	8.07	8.39	5.33	7.04	9.36	6.71	7.95	8.75	5.41	7.17
15	9.31	7.68	8.55	8.75	6.10	7.55	9.63	7.05	8.14	9.16	5.84	7.27
16	9.28	7.68	8.53	9.12	6.56	7.73	9.56	7.04	8.14	8.83	6.29	7.47
17	9.43	7.55	8.49	9.34	6.44	7.74	9.55	7.01	8.10	8.53	6.00	7.34
18	10.37	7.94	8.84	9.16	6.45	7.70	9.49	6.65	7.98	8.69	6.10	7.46
19	10.17	8.57	9.34	9.48	6.34	7.65	9.28	6.57	7.95	8.63	5.99	7.31
20	9.98	7.81	8.86	9.36	6.51	7.79	9.22	6.34	7.60	8.63	5.70	7.17
21	9.75	7.74	8.80	9.36	6.69	7.97	8.76	5.70	7.28	8.28	5.63	7.00
22	9.50	6.23	7.77	9.48	7.13	8.41	8.77	5.44	7.40	8.14	5.60	6.91
23	9.15	6.84	7.95	9.42	6.82	8.22	8.57	5.98	7.52	8.17	5.45	6.89
24	9.21	6.67	8.06	---	---	---	8.15	5.19	7.01	8.31	5.80	7.09
25	9.64	7.51	8.54	8.84	6.27	7.89	8.07	4.67	6.73	8.27	5.83	7.07
26	9.40	7.34	8.35	9.17	6.65	8.06	8.27	4.43	6.59	8.13	6.01	7.09
27	9.04	7.07	8.08	9.06	6.55	7.96	8.44	5.93	7.15	8.33	5.53	6.93
28	8.66	6.20	7.62	8.86	6.20	7.67	8.03	5.78	6.84	8.52	5.93	7.08
29	8.20	5.67	6.90	8.37	4.91	6.96	8.21	5.41	6.75	8.64	6.25	7.42
30	8.38	4.88	6.63	8.64	6.01	7.02	8.69	5.72	7.10	8.48	5.85	7.23
31	---	---	---	8.37	5.55	6.85	8.61	5.82	7.05	---	---	---
MONTH	10.37	4.88	8.13	---	---	---	9.63	4.23	7.31	9.16	4.89	7.13

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.52	5.81	7.15	8.84	5.60	7.42	8.78	5.38	7.16	10.27	8.42	9.31
2	8.71	6.22	7.40	9.12	6.13	7.76	8.83	5.07	7.12	10.43	8.58	9.49
3	8.85	6.51	7.67	8.94	6.15	7.74	8.51	5.17	7.01	10.52	9.04	9.77
4	8.76	6.37	7.55	9.54	6.32	8.07	9.07	5.40	7.33	10.38	9.11	9.72
5	8.63	6.06	7.34	8.60	5.74	7.24	9.10	5.59	7.67	10.20	8.99	9.67
6	8.61	5.86	7.28	8.60	5.65	7.21	8.72	6.46	7.69	9.70	8.64	9.24
7	8.71	5.76	7.38	8.56	5.88	7.20	---	---	---	9.73	8.38	9.08
8	8.62	6.05	7.41	8.68	5.94	7.41	---	---	---	9.35	8.28	8.81
9	8.54	5.82	7.23	9.03	6.69	7.86	---	---	---	9.76	8.31	9.07
10	8.69	5.70	7.22	9.16	7.05	8.11	9.48	7.42	8.53	10.05	8.57	9.23
11	8.92	6.49	7.67	9.27	7.53	8.39	9.61	7.65	8.63	9.70	8.40	8.95
12	8.95	6.42	7.69	9.02	7.02	8.05	9.65	7.77	8.65	8.89	7.82	8.40
13	9.16	6.76	7.86	8.68	5.50	7.25	9.82	8.01	8.94	9.70	7.98	8.89
14	9.08	6.62	7.75	9.58	7.22	8.50	9.95	8.33	9.09	9.76	8.44	9.06
15	9.27	6.58	8.12	9.17	6.78	8.28	9.99	8.35	9.13	9.32	8.20	8.77
16	8.79	6.63	7.81	9.11	6.74	7.96	9.53	8.23	8.84	9.41	7.96	8.66
17	8.78	6.28	7.50	9.11	6.67	7.80	9.53	7.75	8.58	9.26	8.09	8.64
18	8.56	5.99	7.29	8.78	6.43	7.56	9.54	8.00	8.72	9.04	7.44	8.30
19	8.55	5.95	7.23	8.75	6.29	7.52	9.80	8.19	8.89	8.62	6.93	7.77
20	8.41	5.80	7.10	8.76	6.35	7.54	9.21	7.97	8.52	8.76	7.07	7.84
21	8.10	5.62	6.88	8.61	6.32	7.40	9.18	7.80	8.47	9.32	7.99	8.58
22	8.05	5.42	6.80	8.46	6.17	7.27	9.40	8.23	8.77	9.36	7.55	8.53
23	8.38	6.05	7.18	8.42	6.28	7.32	9.10	7.99	8.62	8.94	6.90	8.07
24	8.26	6.41	7.39	7.96	5.84	7.03	8.89	7.65	8.38	8.67	6.81	7.70
25	7.96	5.75	7.11	8.62	6.42	7.70	8.89	7.55	8.22	9.03	6.92	7.96
26	7.67	5.28	6.52	8.79	6.18	7.68	9.13	7.45	8.36	9.28	7.04	8.21
27	8.32	5.62	7.04	7.98	5.40	6.73	9.42	7.62	8.49	9.74	7.33	8.66
28	8.53	6.22	7.34	8.40	5.36	7.10	9.67	7.57	8.68	10.19	8.19	9.28
29	8.53	6.24	7.41	8.36	5.48	6.85	9.84	7.86	8.83	10.36	8.64	9.49
30	8.43	5.97	7.27	8.60	5.73	7.18	9.99	7.91	8.99	10.53	8.79	9.60
31	8.35	5.81	7.08	---	---	---	10.37	8.41	9.34	10.24	8.74	9.45
MONTH	9.27	5.28	7.34	9.58	5.36	7.57	---	---	---	10.53	6.81	8.85

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.04	8.56	9.30	10.86	9.22	10.01	10.36	9.03	9.65	14.39	12.93	13.58
2	10.21	8.87	9.52	10.22	8.99	9.57	10.18	9.17	9.65	14.22	12.88	13.48
3	9.62	7.63	8.67	10.04	8.84	9.42	9.72	8.24	8.99	14.16	12.88	13.45
4	8.43	7.40	7.96	9.92	8.60	9.24	9.16	8.18	8.64	13.68	12.69	13.18
5	8.74	7.63	8.23	9.62	8.29	8.95	9.13	8.13	8.60	13.77	12.95	13.32
6	9.31	7.87	8.58	9.43	8.40	8.91	9.18	8.15	8.63	13.83	12.58	13.24
7	8.94	7.79	8.31	9.36	8.47	8.99	9.05	8.13	8.58	13.66	12.48	13.07
8	8.89	7.58	8.24	9.44	8.60	9.02	9.23	8.17	8.73	13.74	12.46	13.12
9	9.17	7.78	8.48	9.40	8.51	8.92	9.33	8.28	8.83	14.30	12.36	13.19
10	9.53	7.98	8.82	9.31	8.33	8.84	9.28	8.22	8.75	14.41	12.52	13.38
11	9.73	8.41	8.95	9.36	8.36	8.79	9.45	8.12	8.72	14.21	12.12	13.13
12	9.26	7.93	8.59	9.36	8.15	8.76	10.08	8.34	9.12	14.33	11.92	12.92
13	9.65	8.08	8.90	9.69	8.31	9.02	10.23	8.81	9.40	14.32	12.05	13.06
14	10.23	9.04	9.52	9.75	8.63	9.19	10.32	8.87	9.50	13.98	11.75	12.83
15	9.96	8.82	9.40	9.80	8.64	9.19	10.30	8.84	9.49	13.93	11.29	12.56
16	9.90	8.95	9.44	10.30	8.73	9.38	10.07	8.50	9.21	13.90	11.51	12.59
17	10.00	9.03	9.50	11.18	9.57	10.48	10.06	8.73	9.31	13.55	11.08	12.48
18	9.83	8.81	9.33	11.48	10.50	11.00	10.02	8.59	9.33	14.02	11.56	12.85
19	9.79	8.70	9.24	10.96	9.37	10.17	9.73	8.48	9.11	13.88	11.27	12.62
20	9.73	8.52	9.12	10.13	9.07	9.59	9.78	8.34	9.08	13.54	11.61	12.61
21	9.73	8.51	9.14	10.58	8.50	9.59	9.39	8.15	8.76	13.93	11.59	12.77
22	9.81	8.55	9.13	8.89	7.85	8.44	9.62	8.23	8.90	13.98	11.86	12.85
23	9.81	8.44	9.03	9.14	7.93	8.59	10.16	8.35	9.34	14.15	11.86	12.89
24	9.82	8.13	9.10	9.76	8.12	9.06	9.96	8.80	9.35	14.25	11.84	12.86
25	10.07	8.60	9.33	9.90	8.37	9.24	9.67	8.22	8.86	14.47	12.12	13.11
26	10.22	8.61	9.44	10.38	8.85	9.65	9.98	8.41	9.07	14.37	12.09	13.14
27	10.47	8.89	9.67	10.74	9.33	10.02	14.76	13.32	13.97	14.28	11.91	12.97
28	10.83	9.21	10.00	10.24	8.89	9.61	14.68	13.18	13.91	14.45	12.52	13.29
29	---	---	---	10.29	8.80	9.44	14.62	13.02	13.77	14.55	12.41	13.38
30	---	---	---	10.26	8.91	9.53	14.52	13.03	13.69	14.22	11.83	13.00
31	---	---	---	10.40	9.16	9.72	---	---	---	13.76	12.12	12.84
MONTH	10.83	7.40	9.03	11.48	7.85	9.37	14.76	8.12	9.70	14.55	11.08	13.02

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.80	12.03	12.85	13.23	11.02	12.13	13.32	10.28	11.93	13.49	10.67	12.21
2	13.54	12.00	12.80	13.01	10.64	11.98	12.64	9.66	11.36	13.66	10.94	12.34
3	13.46	11.67	12.53	12.86	10.30	11.77	12.96	9.57	11.45	13.67	10.91	12.32
4	13.43	11.74	12.61	13.00	10.31	11.79	13.42	9.53	11.65	13.62	10.36	12.12
5	13.21	11.18	12.21	13.53	10.26	11.85	13.54	10.31	11.87	13.70	10.94	12.20
6	13.46	11.25	12.39	13.75	10.29	12.08	13.64	10.04	11.90	14.36	11.01	12.64
7	13.76	11.18	12.39	14.04	11.16	12.78	13.63	9.75	11.78	14.10	11.45	12.71
8	13.89	10.86	12.41	14.40	11.79	12.94	14.27	10.69	12.32	14.27	11.17	12.97
9	14.63	11.76	12.98	14.39	11.76	12.90	14.36	11.28	12.76	14.19	11.45	12.76
10	14.80	11.85	13.27	14.18	11.53	12.74	14.07	11.38	12.72	13.70	11.16	12.43
11	14.81	12.14	13.49	14.26	11.55	12.91	13.98	11.02	12.77	13.82	10.66	12.23
12	14.65	12.31	13.48	14.30	11.76	12.91	14.06	10.73	12.64	13.63	10.14	12.05
13	14.76	12.03	13.30	14.10	11.53	12.97	13.60	9.99	12.12	12.96	9.86	11.59
14	14.49	11.78	13.07	14.32	11.91	13.03	13.46	11.25	12.35	12.72	9.77	11.47
15	14.36	11.98	13.12	13.90	11.30	12.77	13.45	10.78	12.24	13.62	10.86	12.18
16	14.25	12.12	13.17	14.19	11.59	12.98	13.49	10.87	12.27	13.67	11.46	12.61
17	14.15	12.05	13.09	14.05	11.54	12.89	13.88	10.78	12.33	13.54	11.50	12.44
18	14.10	12.03	13.09	13.92	11.23	12.63	14.10	11.23	12.55	13.22	10.63	12.02
19	13.98	11.89	12.97	13.59	10.98	12.29	13.92	11.31	12.40	13.40	10.64	11.96
20	13.98	11.46	12.76	13.28	10.30	11.79	13.80	11.18	12.26	13.37	10.64	12.04
21	14.02	11.71	12.83	13.44	10.25	11.60	13.42	11.11	12.12	13.20	11.16	12.26
22	14.29	11.77	12.91	13.43	10.17	11.51	14.02	10.90	12.23	13.07	10.25	11.63
23	14.31	11.99	13.07	13.66	10.51	11.73	13.39	11.23	12.20	13.28	10.73	12.04
24	14.12	11.78	12.90	13.23	11.08	12.16	13.17	10.45	11.74	13.29	10.86	12.12
25	13.88	11.42	12.55	13.70	10.62	11.94	13.23	10.71	11.99	13.31	10.79	12.16
26	13.90	11.54	12.55	13.86	11.29	12.35	13.39	10.99	12.23	13.61	11.15	12.38
27	13.92	11.42	12.52	14.01	11.60	12.80	13.38	11.10	12.22	13.68	11.04	12.42
28	13.30	10.43	11.76	14.10	11.72	12.79	13.20	10.76	11.99	13.83	11.30	12.66
29	12.96	10.30	11.62	13.70	11.45	12.51	12.94	10.41	11.74	13.99	11.58	12.82
30	12.78	10.61	11.77	13.45	11.19	12.40	13.17	10.17	11.83	14.11	11.62	12.89
31	---	---	---	13.18	10.76	11.98	13.50	10.59	12.14	---	---	---
MONTH	14.81	10.30	12.75	14.40	10.17	12.38	14.36	9.53	12.13	14.36	9.77	12.29

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.97	11.39	12.76	13.79	11.24	12.45	13.84	11.57	12.72	14.46	12.24	13.40
2	13.64	10.91	12.43	13.72	11.11	12.45	13.96	11.61	12.85	14.64	12.62	13.59
3	13.55	10.58	12.15	13.72	11.10	12.49	14.16	11.62	12.87	14.56	12.65	13.56
4	13.73	10.84	12.27	13.78	11.08	12.48	14.09	11.50	12.79	14.52	12.61	13.51
5	13.68	10.95	12.36	13.99	10.90	12.62	14.01	11.43	12.74	14.20	12.43	13.24
6	13.60	10.94	12.33	13.99	11.37	12.65	14.44	11.98	13.13	14.18	12.45	13.20
7	13.92	11.11	12.58	13.73	10.90	12.43	13.20	11.16	12.21	13.89	11.97	12.94
8	14.19	11.69	12.98	14.03	11.34	12.68	13.79	11.93	12.79	13.97	12.61	13.24
9	14.02	11.58	12.80	13.99	11.62	12.82	13.62	11.77	12.62	13.40	12.10	12.77
10	13.91	11.38	12.71	13.55	11.53	12.61	13.23	11.75	12.46	13.86	12.49	13.10
11	14.11	11.78	12.93	12.86	10.69	11.83	13.76	11.91	12.79	13.50	12.31	12.91
12	13.98	11.50	12.76	12.75	10.25	11.42	13.76	12.40	13.06	13.86	12.49	13.16
13	13.90	11.46	12.67	12.99	10.82	11.89	13.34	12.10	12.82	14.20	12.54	13.46
14	13.34	11.10	12.20	13.25	10.94	12.07	13.46	12.11	12.86	14.34	12.64	13.46
15	13.10	10.74	11.96	13.24	10.92	12.16	13.44	11.90	12.64	14.68	12.58	13.72
16	13.42	10.98	12.14	12.66	10.65	11.78	13.18	11.56	12.36	14.93	12.88	13.89
17	13.19	10.80	12.10	13.25	10.69	12.03	13.50	11.45	12.51	14.92	12.86	13.80
18	13.23	10.84	12.03	13.59	10.90	12.16	14.08	11.68	12.99	15.11	12.76	13.93
19	13.47	10.97	12.16	13.18	10.54	11.96	14.44	12.14	13.30	14.67	12.85	13.69
20	14.17	11.15	12.80	13.89	10.70	12.41	14.63	12.34	13.48	14.85	12.62	13.70
21	14.08	11.77	13.04	13.65	10.92	12.31	14.80	12.49	13.67	14.93	12.78	13.82
22	14.25	11.73	13.05	13.80	10.62	12.39	14.83	13.08	13.87	14.52	12.73	13.61
23	14.49	11.98	13.20	13.83	10.74	12.38	14.49	12.21	13.30	14.34	12.55	13.43
24	13.83	11.48	12.60	14.01	10.85	12.49	13.91	11.79	12.98	14.18	12.29	13.29
25	13.43	10.61	12.07	13.46	10.76	12.20	13.74	11.62	12.62	13.85	11.78	12.90
26	13.69	10.85	12.31	13.42	10.30	12.10	14.01	12.07	12.99	13.66	11.93	12.78
27	13.53	10.99	12.34	13.59	11.32	12.48	13.79	12.14	13.01	14.10	11.95	13.08
28	13.50	11.05	12.31	13.76	11.53	12.73	13.98	12.05	13.04	13.83	12.11	12.88
29	12.95	9.81	11.63	13.18	11.25	12.35	13.94	11.90	12.95	13.81	11.86	12.76
30	13.65	10.80	12.04	13.60	11.19	12.44	14.05	11.92	13.04	13.75	11.66	12.76
31	13.67	11.18	12.45	---	---	---	14.20	12.10	13.17	13.43	11.52	12.49
MONTH	14.49	9.81	12.46	14.03	10.25	12.31	14.83	11.16	12.92	15.11	11.52	13.29

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.92	11.73	12.83	13.35	10.95	12.22	14.50	12.83	13.59	14.27	12.19	13.21
2	13.95	11.99	12.95	13.65	11.83	12.76	14.52	12.76	13.62	14.32	11.93	13.01
3	13.99	12.12	13.02	13.77	12.07	12.92	14.55	12.67	13.54	14.18	12.15	13.14
4	13.90	12.13	12.98	14.07	12.34	13.15	14.59	12.82	13.67	14.01	11.91	12.98
5	13.60	11.92	12.73	14.19	12.64	13.40	14.44	12.07	13.17	14.05	12.27	13.08
6	13.11	11.01	12.00	14.21	12.50	13.31	13.70	11.76	12.65	14.23	12.07	13.08
7	13.09	11.29	12.18	14.00	12.59	13.32	13.90	11.98	12.84	14.11	12.10	13.04
8	13.18	11.84	12.51	14.05	12.49	13.22	14.04	12.40	13.14	13.89	12.28	13.04
9	13.30	11.82	12.54	13.57	11.83	12.58	14.30	12.87	13.53	13.97	12.25	13.06
10	13.20	11.57	12.41	13.77	12.22	12.94	14.76	12.96	13.79	14.19	12.50	13.34
11	13.29	11.51	12.40	13.88	11.83	12.86	14.85	12.90	14.05	14.30	12.60	13.46
12	13.61	11.56	12.66	13.85	12.01	13.05	14.95	13.34	14.16	14.45	12.55	13.48
13	14.09	11.77	13.10	14.44	12.39	13.41	15.01	13.39	14.23	14.50	12.29	13.36
14	14.48	12.32	13.38	14.21	12.22	13.19	15.11	13.44	14.25	14.52	12.11	13.26
15	14.42	12.26	13.34	14.27	12.19	13.30	15.13	13.29	14.17	14.94	12.61	13.52
16	14.61	12.38	13.47	14.49	12.52	13.51	14.88	13.11	14.04	14.70	12.45	13.53
17	14.72	12.59	13.64	14.95	12.60	13.73	14.71	12.62	13.63	14.70	12.64	13.59
18	14.64	12.70	13.66	14.96	13.23	14.07	14.44	12.24	13.23	14.79	12.72	13.65
19	14.65	12.75	13.70	15.02	13.19	14.07	14.31	12.41	13.28	14.38	12.06	13.09
20	14.56	12.76	13.65	14.89	13.27	14.11	14.22	12.27	13.15	13.75	11.91	12.76
21	14.40	12.78	13.63	15.57	12.72	14.05	14.09	12.30	13.11	13.72	12.27	12.89
22	14.55	12.95	13.71	14.26	12.22	13.23	13.98	12.66	13.21	13.89	12.47	13.11
23	14.99	12.04	13.62	13.71	12.05	12.80	14.27	12.53	13.41	13.77	12.47	13.07
24	13.25	11.77	12.52	13.91	12.37	13.11	13.35	12.17	12.72	13.87	12.17	12.99
25	13.36	11.48	12.39	14.08	12.45	13.26	13.74	12.16	12.98	13.94	12.63	13.31
26	13.54	11.39	12.65	13.61	12.31	12.92	13.69	12.22	12.90	13.77	12.12	12.97
27	14.23	12.06	13.33	13.93	12.27	13.21	13.85	12.42	13.14	14.05	12.06	12.92
28	14.04	11.80	12.84	14.72	12.80	13.81	14.02	12.34	13.13	14.27	12.49	13.20
29	12.56	10.87	11.74	13.57	11.84	12.79	14.37	12.58	13.34	14.30	12.34	13.28
30	---	---	---	13.89	11.59	12.79	14.37	12.60	13.48	14.46	12.21	13.42
31	---	---	---	14.36	12.31	13.35	---	---	---	14.76	12.54	13.50
MONTH	14.99	10.87	12.95	15.57	10.95	13.24	15.13	11.76	13.44	14.94	11.91	13.20

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.89	12.65	13.67	13.86	11.11	12.35	15.20	13.60	14.34	14.04	10.78	12.61
2	14.54	12.39	13.49	13.97	11.37	12.60	14.83	13.42	14.11	14.11	10.97	12.69
3	14.64	12.57	13.46	13.83	11.25	12.57	14.40	13.09	13.78	13.82	10.85	12.49
4	14.57	12.66	13.54	13.81	11.50	12.68	14.25	12.70	13.51	13.68	10.84	12.30
5	14.66	12.87	13.67	13.82	11.26	12.63	14.47	12.68	13.54	13.96	11.11	12.41
6	14.55	12.78	13.59	13.84	10.98	12.47	14.53	12.75	13.61	14.25	11.53	12.77
7	14.38	12.61	13.45	13.86	11.05	12.41	14.58	12.74	13.61	14.34	11.59	12.93
8	14.15	12.34	13.28	14.01	10.53	12.17	14.61	12.85	13.66	14.56	12.20	13.24
9	14.24	12.17	13.24	14.30	11.44	12.68	14.67	12.84	13.65	14.64	12.43	13.50
10	14.47	12.13	13.30	13.91	11.01	12.42	14.76	13.01	13.77	14.55	12.75	13.60
11	14.46	12.21	13.32	14.01	10.92	12.17	14.87	13.13	13.92	14.53	12.68	13.55
12	14.55	12.14	13.29	13.78	10.97	12.31	14.82	13.22	13.96	13.91	11.40	12.46
13	14.54	12.30	13.37	13.66	10.91	12.15	14.68	12.83	13.70	13.05	10.63	11.95
14	14.51	12.25	13.25	13.52	10.98	12.19	14.13	11.79	12.77	13.32	11.25	12.21
15	14.35	12.10	13.15	13.65	11.36	12.38	13.57	11.25	12.49	13.17	9.94	11.72
16	14.27	12.21	13.13	13.74	11.21	12.33	13.42	11.14	12.40	13.34	10.43	11.91
17	14.24	12.22	13.12	13.35	11.17	12.14	13.62	11.14	12.61	13.65	11.16	12.44
18	13.96	11.35	12.64	13.27	11.37	12.19	13.74	11.25	12.63	13.72	11.24	12.53
19	13.25	10.93	12.15	13.05	11.52	12.30	13.63	11.08	12.48	13.75	11.22	12.55
20	13.31	10.82	12.23	13.46	11.61	12.59	13.74	10.74	12.42	13.93	11.34	12.59
21	13.43	11.10	12.32	13.67	12.19	12.96	13.72	11.13	12.42	13.83	10.97	12.38
22	13.53	11.42	12.52	13.99	12.09	13.01	14.04	11.24	12.68	13.90	10.72	12.30
23	13.85	11.57	12.76	13.86	12.10	13.00	14.24	11.55	12.75	14.00	11.10	12.47
24	13.64	11.17	12.36	13.93	11.67	12.71	14.25	11.21	12.59	13.81	11.08	12.45
25	13.87	11.30	12.40	14.13	11.47	12.73	14.61	11.87	13.06	13.98	10.96	12.51
26	14.07	11.27	12.41	14.32	11.68	13.04	14.58	12.02	13.21	13.99	11.05	12.68
27	14.09	11.24	12.61	14.26	11.51	12.89	15.20	12.16	13.51	13.77	10.82	12.33
28	14.16	11.27	12.54	14.69	12.29	13.30	15.19	12.78	13.95	13.87	10.92	12.62
29	13.84	10.69	12.33	14.97	12.85	13.72	14.93	12.55	13.73	14.56	12.43	13.43
30	13.86	10.84	12.20	15.24	13.56	14.28	14.36	11.76	13.23	14.08	11.42	12.81
31	---	---	---	15.42	13.62	14.46	13.84	11.11	12.68	---	---	---
MONTH	14.89	10.69	12.96	15.42	10.53	12.70	15.20	10.74	13.25	14.64	9.94	12.61
YEAR	15.57	9.81	12.95									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), 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	14.05	11.43	12.79	14.05	11.74	12.80	12.61	10.18	11.57	13.34	11.30	12.34
2	13.82	10.92	12.45	14.00	12.05	12.91	12.99	10.15	11.88	13.30	11.00	12.21
3	13.83	10.95	12.44	14.35	11.99	13.07	13.05	10.75	11.82	13.51	11.01	12.51
4	13.50	10.93	12.22	14.41	12.64	13.53	13.74	10.10	12.24	14.48	11.38	13.18
5	13.61	10.52	12.11	14.01	12.40	13.18	14.35	11.59	13.22	13.59	11.24	12.41
6	13.82	11.12	12.33	13.81	11.54	12.73	14.24	11.68	12.97	14.24	11.85	13.23
7	14.04	11.63	12.70	14.01	11.38	12.79	13.85	10.90	12.68	14.31	11.70	13.14
8	13.96	11.80	12.91	14.15	11.50	12.90	14.11	11.61	12.77	14.10	10.69	12.79
9	14.08	11.65	12.91	14.21	11.40	12.93	14.21	11.25	12.56	14.51	11.25	13.08
10	13.98	11.82	12.92	14.25	11.34	12.88	13.88	10.61	12.29	14.64	11.61	13.37
11	---	---	---	13.89	11.08	12.43	13.81	11.04	12.58	14.35	12.15	13.34
12	---	---	---	13.41	10.14	11.87	14.31	12.19	13.13	14.14	12.20	13.28
13	---	---	---	13.64	10.59	12.21	14.41	12.39	13.33	14.31	12.54	13.43
14	---	---	---	13.65	11.30	12.37	13.88	11.48	12.81	14.00	10.94	12.86
15	---	---	---	13.70	11.48	12.47	14.10	12.14	13.14	13.11	10.89	12.06
16	---	---	---	13.14	10.39	11.94	14.10	12.40	13.25	13.74	11.29	12.75
17	---	---	---	13.49	10.50	11.96	14.31	12.41	13.44	14.28	12.09	13.04
18	---	---	---	13.65	11.18	12.47	14.54	12.20	13.43	13.81	11.38	12.63
19	---	---	---	13.65	11.14	12.34	14.48	11.54	13.01	13.60	11.05	12.44
20	---	---	---	14.01	10.41	12.33	14.21	11.70	13.01	13.61	10.41	11.98
21	---	---	---	14.11	11.19	12.73	14.45	11.85	13.08	14.11	11.14	12.79
22	---	---	---	14.34	11.04	12.69	14.01	11.20	12.56	13.55	10.71	12.12
23	---	---	---	14.24	11.14	12.75	14.05	10.39	12.39	12.84	9.30	11.21
24	---	---	---	14.19	11.25	12.75	14.18	11.59	12.90	12.34	8.90	10.79
25	14.01	11.15	12.63	13.90	11.11	12.51	13.78	11.10	12.51	12.25	8.89	10.69
26	14.24	11.34	12.81	13.69	10.75	12.30	14.14	10.69	12.65	12.65	8.89	10.82
27	14.18	11.24	12.78	13.44	10.69	12.15	13.91	11.28	12.68	12.25	9.71	11.11
28	14.41	11.15	12.85	13.31	10.74	12.03	13.65	10.94	12.31	12.68	10.21	11.47
29	14.15	10.90	12.61	12.90	10.55	11.77	13.18	11.15	12.11	12.45	10.30	11.49
30	13.41	10.80	12.24	13.04	10.55	11.99	12.81	10.65	11.87	12.74	10.21	11.57
31	13.65	10.75	12.31	---	---	---	13.01	10.75	12.03	13.00	9.54	11.45
MONTH	---	---	---	14.41	10.14	12.53	14.54	10.10	12.65	14.64	8.89	12.31

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.65	9.50	11.34	14.29	12.10	13.31	12.25	9.09	10.80	13.55	10.40	12.02
2	13.05	9.55	11.90	13.55	11.44	12.51	13.30	8.89	11.36	13.69	10.34	12.01
3	13.81	10.90	12.71	13.40	11.20	12.47	13.91	10.29	12.14	13.95	10.30	12.20
4	14.58	11.84	13.43	14.08	11.71	12.93	13.88	10.40	12.11	14.29	10.80	12.59
5	15.10	12.70	13.97	14.00	11.55	12.87	14.25	10.50	12.25	14.21	11.55	12.87
6	15.10	13.45	14.18	14.25	10.74	12.63	14.00	9.51	11.82	14.01	9.91	12.00
7	14.74	12.95	13.80	14.34	11.91	13.12	13.29	9.34	11.39	13.40	9.40	11.54
8	14.55	12.98	13.74	14.15	11.50	12.78	13.01	9.04	11.21	13.30	10.30	11.84
9	14.51	13.10	13.81	13.94	11.20	12.50	12.81	10.09	11.32	13.94	11.00	12.44
10	14.51	13.14	13.83	13.84	11.44	12.63	13.08	10.80	11.85	13.31	11.09	12.31
11	14.61	13.34	14.03	13.89	10.34	12.21	13.05	10.84	11.81	13.35	11.44	12.47
12	14.91	12.21	13.62	13.35	9.44	11.57	12.70	10.54	11.60	13.51	10.71	12.35
13	13.61	12.15	12.87	12.51	9.65	11.19	12.48	9.68	11.33	12.79	10.10	11.60
14	13.94	12.20	13.15	12.78	9.20	11.23	12.75	10.21	11.58	12.65	9.98	11.47
15	14.20	12.49	13.23	13.41	9.54	11.31	12.71	10.11	11.48	13.74	10.01	11.77
16	14.25	12.51	13.35	12.75	9.91	11.60	13.21	9.84	11.63	14.35	11.04	12.57
17	14.21	12.51	13.34	13.99	10.41	12.53	13.48	10.04	11.68	14.15	11.50	12.78
18	14.10	12.50	13.35	13.85	10.84	12.47	13.37	10.50	11.91	14.05	11.21	12.61
19	14.35	12.75	13.52	13.14	10.41	11.73	13.47	10.21	11.79	14.01	11.14	12.65
20	14.35	12.74	13.56	12.79	10.05	11.52	12.77	8.90	11.15	13.65	11.18	12.53
21	14.45	13.04	13.71	13.31	9.95	11.70	12.49	8.90	10.87	13.61	10.88	12.25
22	14.25	12.60	13.44	13.28	10.79	12.07	12.49	9.05	10.89	13.65	11.00	12.39
23	13.90	12.68	13.27	13.21	10.30	11.69	12.69	9.50	11.35	13.39	10.88	12.36
24	13.95	12.64	13.25	12.88	9.04	11.10	12.94	10.31	11.61	13.60	10.94	12.35
25	13.71	12.34	12.97	12.40	9.21	10.97	13.04	10.19	11.63	13.30	11.10	12.28
26	13.65	11.78	12.66	12.71	10.64	11.73	12.75	10.10	11.64	13.41	11.39	12.48
27	13.50	12.20	12.78	13.11	10.70	11.82	12.95	10.19	11.65	13.58	11.14	12.46
28	13.51	12.44	13.03	12.71	10.60	11.49	12.49	9.79	11.44	13.51	10.64	12.12
29	---	---	---	12.35	10.60	11.31	12.79	10.11	11.67	13.65	10.24	12.00
30	---	---	---	12.18	9.49	10.89	13.11	10.51	11.88	13.95	11.01	12.41
31	---	---	---	12.19	9.21	10.96	---	---	---	13.84	11.15	12.50
MONTH	15.10	9.50	13.28	14.34	9.04	11.96	14.25	8.89	11.56	14.35	9.40	12.27

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), 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	13.48	10.40	12.09	13.59	9.50	11.86	13.91	11.34	12.68	13.79	11.14	12.44
2	13.60	9.44	11.79	13.65	10.60	11.96	14.00	11.31	12.64	13.41	10.84	12.13
3	13.64	10.24	11.91	13.55	10.01	11.76	14.29	11.89	13.28	13.10	10.51	12.04
4	13.65	10.25	12.05	13.31	10.35	11.71	14.31	12.10	13.30	12.94	10.30	11.81
5	13.61	10.31	11.93	13.21	10.24	11.64	14.24	12.14	13.30	13.34	9.84	11.94
6	13.44	10.58	11.86	13.00	10.41	11.56	13.85	11.80	13.01	13.24	9.74	11.81
7	13.21	10.81	11.93	12.61	9.81	11.20	13.91	11.30	12.85	13.04	9.74	11.58
8	13.31	10.85	12.16	12.30	9.60	11.24	13.71	10.60	12.46	12.85	10.59	11.61
9	13.05	10.79	12.02	13.15	9.70	11.62	13.79	10.80	12.41	12.81	9.85	11.45
10	12.98	10.35	11.87	13.21	9.75	11.64	13.90	10.68	12.25	13.88	9.64	11.84
11	12.84	10.01	11.58	12.90	10.00	11.47	14.04	10.94	12.30	13.55	9.39	11.69
12	13.01	9.89	11.53	13.44	10.00	11.72	14.29	11.35	12.49	14.55	10.68	12.38
13	13.51	9.94	11.55	13.40	9.90	11.74	13.35	10.30	12.06	14.35	11.78	12.95
14	13.85	10.94	12.14	13.21	10.34	11.63	13.58	9.61	11.61	14.05	11.49	12.72
15	13.50	10.90	12.05	13.75	10.00	11.66	13.39	10.19	11.70	14.38	11.50	12.87
16	13.38	10.39	11.73	13.68	9.75	11.69	13.50	10.30	11.75	14.01	11.34	12.66
17	13.55	10.00	11.57	13.81	10.31	11.98	13.91	10.58	11.96	13.81	11.11	12.69
18	13.20	10.10	11.60	14.01	11.01	12.39	13.91	10.80	12.16	14.19	11.59	12.89
19	12.94	9.60	11.38	14.01	11.34	12.48	14.48	10.68	12.86	14.20	10.91	12.74
20	12.94	9.74	11.51	13.81	11.11	12.26	14.90	13.31	14.07	14.29	10.90	12.75
21	12.95	9.95	11.51	13.61	10.85	12.16	15.04	13.44	14.25	14.05	10.99	12.59
22	13.00	10.34	11.69	13.41	10.50	11.97	15.04	13.50	14.29	14.00	11.29	12.62
23	13.05	10.38	11.77	13.04	9.94	11.86	15.10	13.51	14.29	14.05	11.24	12.62
24	12.91	10.41	11.76	13.74	10.45	12.38	15.14	13.38	14.20	14.44	11.08	12.56
25	13.04	10.31	11.76	15.14	12.61	13.88	14.61	12.64	13.69	14.55	11.09	12.68
26	13.21	9.64	11.64	13.75	11.20	12.87	14.19	11.74	12.98	14.24	11.59	12.94
27	13.71	10.30	12.07	14.15	10.85	12.20	14.48	11.75	12.94	14.00	11.54	12.82
28	14.01	10.68	12.41	13.91	10.90	12.19	14.69	12.14	13.17	13.68	10.90	12.26
29	14.08	10.51	12.36	14.30	11.00	12.42	14.70	12.35	13.34	14.05	11.10	12.53
30	13.71	10.04	12.14	14.38	11.21	12.60	14.80	11.78	13.34	13.55	11.10	12.32
31	---	---	---	14.10	11.54	12.69	14.44	11.40	12.78	---	---	---
MONTH	14.08	9.44	11.85	15.14	9.50	12.01	15.14	9.61	12.92	14.55	9.39	12.36

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.44	10.90	12.31	14.41	11.79	13.13	14.18	10.48	12.33	12.79	9.04	11.28
2	13.79	11.34	12.57	13.55	11.04	12.36	12.97	10.51	11.63	13.39	10.33	11.83
3	13.80	10.74	12.50	13.94	10.95	12.53	12.82	9.78	11.38	13.12	10.36	11.81
4	13.44	10.34	12.04	13.54	11.15	12.48	12.86	10.74	11.63	12.89	10.00	11.41
5	13.00	10.34	11.80	13.05	9.74	11.50	12.78	10.63	11.70	12.87	8.84	11.34
6	13.38	9.99	11.77	12.95	10.05	11.56	12.38	10.26	11.58	12.69	8.84	11.18
7	13.21	10.64	11.95	13.64	10.51	12.04	12.95	10.30	11.77	13.00	8.88	11.30
8	14.14	11.95	12.93	13.85	10.85	12.13	13.36	10.36	12.09	13.67	9.25	12.03
9	13.90	11.34	12.73	13.90	11.15	12.48	13.11	10.05	11.62	13.24	9.61	11.54
10	14.31	11.30	12.73	13.81	11.14	12.54	13.07	9.37	11.42	13.06	9.02	11.47
11	14.14	11.40	12.68	13.89	10.69	12.29	13.28	9.18	11.73	13.72	10.21	12.07
12	14.38	11.25	12.68	13.48	10.11	12.03	13.60	10.87	12.25	14.08	10.60	12.27
13	14.61	11.84	13.39	13.65	10.75	12.21	13.98	10.21	12.42	12.80	9.33	11.15
14	14.70	12.04	13.29	13.91	10.64	12.20	13.16	9.05	11.21	13.05	9.18	11.38
15	14.11	11.44	12.93	13.81	10.05	12.14	13.94	9.70	11.94	12.76	9.33	11.38
16	14.14	11.44	12.84	13.60	10.90	12.27	13.01	9.90	11.54	12.79	10.21	11.68
17	14.05	10.90	12.62	13.45	10.54	12.01	12.69	9.04	11.22	12.42	10.60	11.59
18	14.08	11.65	12.96	12.91	9.65	11.46	12.31	9.02	11.12	12.20	9.93	11.24
19	13.89	11.51	12.74	13.20	10.24	11.81	12.63	10.45	11.55	12.60	9.12	11.55
20	13.59	11.11	12.29	12.94	10.31	11.79	12.94	10.73	11.91	11.79	9.09	10.59
21	13.71	10.61	12.20	13.05	10.25	11.69	12.40	9.98	11.28	12.69	9.20	11.15
22	13.85	10.94	12.40	13.45	10.69	12.23	12.42	9.71	11.38	13.09	9.53	11.35
23	13.81	11.08	12.45	13.64	10.16	12.04	12.15	9.30	10.79	12.73	9.54	11.40
24	13.99	11.10	12.41	13.83	11.31	12.48	12.31	8.90	10.97	13.90	10.17	12.19
25	14.28	11.24	12.55	13.76	10.97	12.36	12.17	9.20	10.79	13.68	10.98	12.29
26	13.99	11.44	12.73	13.53	10.91	12.21	12.44	8.81	10.75	13.69	10.58	11.97
27	14.21	11.79	13.00	13.47	10.42	11.90	12.68	8.81	11.24	12.52	8.81	10.72
28	13.71	11.34	12.52	13.52	9.89	11.82	12.09	8.81	10.88	12.55	8.81	10.65
29	14.30	11.44	12.92	13.35	9.96	11.95	13.17	8.81	11.05	12.78	9.02	11.25
30	14.35	12.45	13.37	13.42	10.42	12.05	12.47	8.81	10.76	12.62	9.15	11.19
31	14.14	11.70	13.04	---	---	---	12.61	9.03	11.19	---	---	---
MONTH	14.70	9.99	12.62	14.41	9.65	12.12	14.18	8.81	11.46	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	13.57	10.29	11.94	12.65	9.87	11.46	13.31	10.80	12.17
2	---	---	---	13.01	9.93	11.71	13.11	10.71	12.02	12.99	10.48	11.83
3	---	---	---	12.57	9.19	11.14	13.02	10.60	11.82	13.53	10.67	12.00
4	---	---	---	12.27	9.77	11.17	13.40	10.40	12.08	13.12	11.00	12.05
5	13.07	9.24	11.40	12.52	9.80	11.48	12.94	10.22	11.65	12.63	9.90	11.47
6	13.14	9.04	11.59	12.92	10.01	11.38	12.68	9.62	11.24	13.25	9.56	11.23
7	13.39	10.16	11.94	13.03	9.03	11.45	13.57	9.65	11.73	13.34	9.79	11.51
8	13.57	9.71	11.71	13.26	9.28	11.65	13.25	10.24	11.71	12.88	9.84	11.40
9	13.47	10.22	11.88	13.09	9.74	11.48	13.41	9.75	11.73	13.93	10.50	12.02
10	13.70	10.29	12.07	12.46	9.25	10.97	13.72	10.51	12.09	13.97	11.38	12.53
11	13.33	10.53	11.98	13.03	8.84	10.98	13.63	10.60	12.15	13.83	11.21	12.40
12	13.11	9.81	11.80	12.79	9.37	11.36	13.46	10.10	11.67	13.54	10.85	12.02
13	13.03	10.14	11.64	12.65	9.48	11.37	12.99	10.33	11.65	13.41	11.21	12.18
14	13.22	11.40	12.33	13.24	10.26	11.95	13.03	11.07	12.03	13.42	11.15	12.14
15	12.93	9.53	11.11	12.92	9.53	11.24	13.33	11.06	12.02	13.28	10.96	12.06
16	12.44	10.64	11.46	12.33	9.73	11.17	13.05	10.65	11.61	13.11	10.76	11.92
17	12.56	10.63	11.53	12.24	10.62	11.36	12.33	10.97	11.73	12.86	10.44	11.81
18	12.67	10.70	11.65	12.36	10.34	11.37	13.15	10.94	12.16	13.12	10.34	11.89
19	12.77	10.51	11.69	12.41	10.12	11.46	13.18	10.94	12.33	13.60	10.43	12.05
20	13.20	10.59	12.08	11.81	9.91	10.95	13.29	11.05	12.19	13.65	10.68	12.15
21	13.72	11.10	12.58	12.51	9.65	11.42	13.57	11.07	12.51	13.94	10.51	12.17
22	13.07	10.65	11.86	12.86	10.50	11.70	13.54	10.88	12.17	14.02	10.49	12.11
23	13.54	10.34	12.04	13.40	10.14	11.78	14.30	10.78	12.51	14.08	10.84	12.28
24	13.71	10.76	12.34	13.30	9.91	11.65	13.95	10.53	12.45	13.85	10.51	12.14
25	13.74	10.62	12.11	13.46	9.97	11.81	13.81	10.96	12.43	13.79	10.00	12.03
26	13.71	10.81	12.41	13.37	10.28	11.89	13.89	10.82	12.34	13.91	11.17	12.40
27	13.56	10.60	12.01	13.28	10.30	11.91	13.89	11.15	12.53	13.92	11.24	12.55
28	13.64	10.64	12.24	13.74	10.45	12.29	13.86	11.51	12.65	13.71	11.24	12.42
29	---	---	---	13.80	10.38	12.19	13.66	11.15	12.33	13.45	10.83	12.23
30	---	---	---	13.21	9.97	11.70	13.32	10.80	12.19	13.63	10.96	12.53
31	---	---	---	12.97	9.42	11.29	---	---	---	13.51	10.95	12.40
MONTH	---	---	---	13.80	8.84	11.52	14.30	9.62	12.04	14.08	9.56	12.07

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.56	10.90	12.30	13.35	10.09	11.79	13.55	9.95	11.64	14.24	11.27	12.45
2	13.64	10.43	12.05	13.40	9.66	11.62	13.28	10.10	11.58	14.19	11.57	12.69
3	14.27	11.30	12.51	13.72	9.32	11.42	13.02	9.16	11.19	14.18	11.37	12.54
4	13.91	11.82	12.83	14.21	10.82	12.29	13.19	8.85	11.08	13.98	11.44	12.73
5	13.98	11.32	12.46	13.54	11.36	12.38	13.36	9.61	11.38	14.14	11.46	12.87
6	13.90	11.33	12.43	13.70	10.37	11.93	13.20	9.89	11.64	14.14	11.67	13.01
7	13.62	11.11	12.25	13.14	10.64	11.74	13.16	10.29	11.58	14.13	11.64	13.00
8	13.53	10.59	11.89	13.00	10.33	11.65	13.06	10.02	11.50	14.17	11.33	12.86
9	13.19	10.52	11.69	13.01	10.23	11.46	12.69	9.43	11.24	13.62	10.87	12.42
10	13.18	10.82	11.98	12.90	9.78	11.31	12.63	9.39	11.31	14.04	11.25	12.53
11	13.48	10.81	11.99	12.96	10.34	11.63	12.56	9.38	11.36	12.90	9.73	11.56
12	13.05	10.25	11.64	12.94	10.04	11.58	12.81	9.45	11.45	12.86	9.11	11.20
13	12.72	9.95	11.43	12.54	9.37	11.26	12.96	9.56	11.55	13.43	8.94	11.44
14	12.53	9.68	11.39	12.41	8.82	11.02	13.66	9.96	11.75	13.33	9.88	11.67
15	12.96	10.18	11.77	13.06	9.05	11.32	13.73	9.71	11.84	13.72	10.14	11.93
16	13.22	10.12	11.86	13.23	9.06	11.41	14.19	10.26	12.13	13.87	10.76	12.11
17	13.25	9.59	11.68	13.35	8.85	11.38	13.76	10.84	12.20	14.20	11.05	12.51
18	13.77	9.47	11.74	13.22	9.06	11.37	14.01	10.06	11.80	13.88	11.43	12.70
19	14.07	11.04	12.47	13.64	9.42	11.52	13.94	10.84	12.35	13.65	11.07	12.51
20	14.28	10.81	12.38	13.62	10.42	11.99	13.88	11.23	12.59	13.60	10.65	12.26
21	14.66	10.88	12.51	13.58	10.76	12.32	13.88	11.06	12.30	13.19	10.04	11.69
22	14.41	11.73	13.06	13.57	11.10	12.35	13.34	10.48	12.09	12.90	9.94	11.70
23	14.07	11.12	12.57	13.52	10.73	12.22	13.66	10.74	12.37	13.15	10.30	11.79
24	13.79	11.06	12.54	13.48	10.70	12.25	13.64	10.75	12.29	13.08	10.08	11.71
25	13.76	10.97	12.24	13.48	10.80	12.25	13.56	10.74	12.34	12.65	9.26	10.88
26	13.73	11.30	12.61	13.23	10.47	12.02	13.21	10.53	12.10	12.33	9.06	10.93
27	13.79	11.21	12.53	13.32	9.85	11.76	12.89	10.00	11.68	13.08	9.17	10.92
28	13.36	10.65	12.16	12.75	9.71	11.51	12.68	9.23	11.25	12.81	9.72	11.39
29	13.16	10.12	11.89	12.75	9.66	11.44	13.70	10.90	12.11	12.91	10.31	11.57
30	13.40	9.91	11.80	13.11	9.60	11.43	13.83	11.33	12.47	13.42	10.47	11.68
31	---	---	---	13.25	9.97	11.64	13.78	11.27	12.33	---	---	---
MONTH	14.66	9.47	12.15	14.21	8.82	11.72	14.19	8.85	11.82	14.24	8.94	12.04

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.42	10.56	11.86	13.66	11.07	12.50	14.82	11.25	13.21	15.08	11.09	12.99
2	13.41	10.19	11.85	13.66	10.82	12.33	14.52	11.62	13.10	13.52	10.67	12.10
3	13.42	10.28	11.69	13.70	10.59	12.39	13.53	10.63	12.05	13.55	9.63	11.89
4	12.74	9.81	11.42	13.81	10.99	12.64	13.48	9.47	11.84	13.87	10.84	12.45
5	12.95	9.54	11.43	13.65	10.88	12.42	13.36	9.89	11.95	13.83	11.48	12.93
6	12.88	9.37	11.51	13.45	10.29	12.05	13.22	10.26	12.01	13.54	11.27	12.52
7	13.40	10.93	12.34	13.88	10.07	12.23	13.04	10.33	11.81	13.24	9.69	11.86
8	13.83	11.22	12.54	13.94	10.98	12.42	13.12	10.04	11.74	12.52	9.73	11.61
9	13.52	10.16	12.10	13.45	10.44	12.03	13.11	10.20	11.80	13.34	10.54	12.02
10	13.72	10.04	12.00	13.38	9.95	11.70	12.78	10.57	11.71	12.94	10.61	11.73
11	13.25	10.79	12.11	13.54	10.95	12.23	13.13	10.39	11.90	11.90	9.61	10.92
12	13.81	10.78	12.12	13.38	10.03	11.84	12.98	10.45	12.06	12.73	8.84	10.93
13	14.22	11.00	12.48	13.51	10.44	12.00	13.42	10.51	12.03	12.85	8.97	11.23
14	13.39	10.67	12.24	13.98	10.84	12.53	13.84	10.87	12.33	13.37	9.98	11.58
15	13.77	10.38	11.83	13.65	11.03	12.27	13.49	10.81	12.18	13.01	9.50	11.35
16	13.44	10.67	12.25	13.55	10.28	11.81	13.20	10.58	12.01	13.55	9.69	11.91
17	13.61	10.71	12.26	13.39	9.96	11.87	13.55	10.58	12.02	13.39	10.48	12.04
18	13.06	10.39	11.70	13.64	10.41	12.17	13.45	10.89	12.26	14.25	11.18	12.82
19	12.97	10.11	11.84	13.40	10.52	12.15	13.45	10.15	11.99	13.35	10.83	11.98
20	13.52	10.46	12.09	14.30	11.46	13.02	13.37	10.73	12.19	13.14	9.59	11.69
21	13.48	10.49	11.97	13.30	10.68	12.18	13.59	11.04	12.43	12.88	10.52	11.70
22	12.84	10.39	11.78	13.33	10.62	12.17	13.58	11.70	12.60	13.26	11.20	12.29
23	13.16	10.40	11.85	13.47	10.90	12.25	13.53	11.47	12.50	12.47	9.30	11.11
24	12.93	10.23	11.55	13.17	10.44	11.90	13.37	11.16	12.35	12.40	9.37	11.17
25	12.68	10.21	11.44	12.72	10.56	11.89	12.91	10.71	11.82	12.92	9.42	11.57
26	12.98	10.67	11.84	13.02	10.55	11.86	12.88	10.61	11.78	13.07	10.31	11.81
27	13.04	10.46	11.83	12.64	9.91	11.44	13.53	10.70	12.30	13.55	10.45	12.05
28	13.07	9.67	11.49	13.39	9.89	11.90	14.14	11.21	12.64	13.92	10.64	12.24
29	13.37	9.86	11.65	13.61	10.66	12.27	14.36	10.97	12.76	14.27	10.78	12.52
30	13.34	10.58	11.90	13.99	10.68	12.57	14.28	10.72	12.22	13.54	10.20	11.96
31	13.92	10.63	12.41	---	---	---	14.03	9.67	11.98	13.09	9.31	11.31
MONTH	14.22	9.37	11.92	14.30	9.89	12.17	14.82	9.47	12.18	15.08	8.84	11.88

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.37	9.60	11.69	14.40	11.45	12.92	13.43	9.91	11.56	12.80	9.97	11.45
2	13.06	10.31	11.82	13.46	10.92	12.18	12.89	9.96	11.50	13.04	9.94	11.41
3	13.26	10.80	11.90	13.47	10.43	12.15	12.81	10.48	11.57	12.64	9.67	11.16
4	12.95	10.60	11.90	13.12	10.24	11.76	12.06	8.82	10.40	12.55	10.23	11.47
5	13.43	10.87	12.27	13.11	10.70	11.87	11.52	8.95	10.38	12.75	10.96	11.95
6	13.24	11.35	12.35	12.70	10.51	11.63	11.85	9.84	11.05	13.01	10.69	11.93
7	13.38	11.05	12.23	12.78	10.36	11.54	12.00	10.00	11.20	12.97	10.67	12.00
8	13.13	10.72	11.99	12.80	9.82	11.64	12.05	10.14	11.25	13.33	10.65	12.05
9	12.33	9.11	11.17	12.20	9.55	11.09	12.59	9.66	11.16	13.21	10.92	12.17
10	12.90	9.82	11.22	13.00	9.41	11.56	13.29	10.39	11.74	13.03	9.84	11.55
11	12.45	9.26	10.93	13.61	10.81	12.47	12.75	10.01	11.42	13.83	10.30	11.90
12	12.90	9.18	11.25	13.30	10.79	11.88	12.16	8.83	10.75	13.82	10.80	12.21
13	13.15	8.91	11.45	13.68	10.31	11.95	12.86	8.82	10.95	13.74	10.77	12.26
14	13.01	10.02	11.49	13.68	10.84	12.33	13.45	9.74	11.54	13.68	10.52	12.03
15	12.96	9.86	11.55	13.90	10.97	12.37	14.02	10.63	12.57	13.53	10.65	12.06
16	14.81	10.98	13.17	13.47	10.48	11.91	14.01	10.75	12.38	13.37	10.40	11.76
17	13.90	11.44	12.70	13.74	10.78	12.38	13.56	10.53	12.10	13.30	10.59	11.98
18	13.36	10.43	11.95	13.69	11.09	12.48	13.55	10.57	12.05	13.29	11.03	12.17
19	12.84	10.13	11.64	13.65	11.36	12.51	13.34	10.31	11.77	13.28	10.32	11.94
20	12.70	10.60	11.64	13.68	11.62	12.68	13.20	11.21	12.21	12.72	10.09	11.58
21	13.11	11.14	12.17	13.85	10.42	12.14	13.42	11.24	12.46	13.37	10.26	11.99
22	13.69	11.01	12.58	13.33	10.75	12.15	13.57	11.11	12.42	13.62	10.82	12.18
23	12.70	9.79	11.46	13.52	11.20	12.56	13.56	10.82	12.34	13.81	11.00	12.32
24	12.77	8.82	11.25	13.98	11.17	12.65	13.64	10.64	12.17	13.45	10.82	12.11
25	13.72	9.54	11.73	13.98	11.29	12.74	13.04	10.37	11.82	13.43	9.85	11.57
26	13.76	10.10	12.01	13.99	11.22	12.87	13.19	9.99	11.50	13.27	9.69	11.53
27	14.48	10.83	12.61	13.86	11.16	12.73	13.91	10.65	12.31	13.79	10.49	11.88
28	14.45	11.34	12.83	13.31	10.48	12.03	13.83	11.34	12.68	13.70	11.12	12.19
29	---	---	---	13.48	10.55	11.94	13.82	11.29	12.63	13.51	11.00	12.27
30	---	---	---	13.70	10.98	12.48	13.73	10.65	12.11	13.44	10.39	11.73
31	---	---	---	13.69	10.87	12.20	---	---	---	12.96	9.99	11.39
MONTH	14.81	8.82	11.89	14.40	9.41	12.19	14.02	8.82	11.73	13.83	9.67	11.88

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.72	10.28	11.51	12.66	10.06	11.42	13.04	9.59	11.47	13.34	10.21	11.75
2	12.51	9.88	11.27	12.65	9.72	11.59	12.97	9.34	11.33	13.76	10.20	12.08
3	12.30	9.83	11.22	12.88	10.90	11.91	13.29	9.34	11.51	14.24	11.21	12.55
4	12.69	10.23	11.72	12.73	9.24	11.30	13.58	9.82	11.63	15.18	11.06	13.42
5	13.52	10.63	12.08	13.16	8.97	11.36	12.99	9.79	11.38	16.48	13.93	15.22
6	13.32	10.43	11.98	13.31	9.40	11.43	13.05	9.84	11.24	16.31	14.22	15.42
7	13.26	10.07	11.82	13.59	9.77	11.59	14.10	10.13	11.74	15.32	12.83	14.19
8	13.63	10.25	11.76	14.13	10.57	11.97	13.59	10.44	11.88	14.46	11.67	13.23
9	13.54	9.55	11.49	13.80	10.78	12.16	13.46	10.67	11.99	14.00	10.96	12.64
10	13.84	9.21	11.33	13.97	10.05	11.90	13.45	10.49	11.99	13.70	10.68	12.33
11	14.28	10.08	11.98	13.65	10.18	11.90	13.43	10.33	11.98	13.99	10.51	12.49
12	13.96	11.06	12.53	13.66	10.70	12.01	13.94	11.04	12.73	13.14	9.96	11.78
13	13.86	10.06	11.87	13.63	10.80	12.23	14.16	11.76	13.03	13.54	10.01	11.92
14	13.12	9.87	11.45	13.83	10.97	12.34	14.15	11.35	12.89	13.73	10.02	12.04
15	12.93	9.60	11.56	13.48	10.58	12.22	13.45	10.63	12.07	13.28	10.31	11.75
16	13.07	9.84	11.74	13.33	10.49	12.18	13.43	9.88	11.65	12.96	9.95	11.61
17	13.10	10.30	11.79	14.21	11.26	12.75	13.60	10.05	11.85	12.97	10.09	11.33
18	12.93	9.98	11.70	13.39	10.73	12.31	13.33	10.04	11.71	13.20	9.75	11.43
19	13.74	10.35	12.12	13.78	10.54	12.08	13.28	10.05	11.57	13.03	10.11	11.63
20	13.45	10.23	11.88	13.46	10.18	11.84	13.49	10.12	11.78	13.26	10.75	12.11
21	13.08	10.00	11.46	13.09	10.11	11.61	13.85	10.72	12.02	13.41	10.87	12.30
22	13.07	9.92	11.41	13.29	10.50	11.74	13.42	10.45	11.91	13.67	10.75	12.40
23	13.36	10.02	11.46	13.70	10.78	12.00	12.73	10.30	11.52	13.59	10.88	12.35
24	13.13	10.12	11.46	14.32	11.00	12.40	13.34	10.08	11.73	13.87	10.90	12.64
25	13.83	10.38	11.82	13.62	11.34	12.44	13.33	10.85	12.06	13.40	10.53	12.23
26	13.79	11.14	12.30	13.39	10.91	12.01	13.24	10.69	12.14	13.64	10.22	11.80
27	13.51	10.37	11.63	13.06	10.20	11.42	13.04	10.25	11.83	13.81	10.67	12.36
28	13.12	10.37	11.56	12.57	9.86	11.23	13.04	9.69	11.52	14.17	10.45	12.50
29	13.02	10.38	11.71	12.65	9.90	11.55	12.69	9.24	11.11	13.74	10.37	12.24
30	13.05	10.27	11.75	13.21	10.29	12.01	13.11	9.66	11.49	12.93	10.04	11.52
31	---	---	---	13.04	10.27	11.84	13.41	9.82	11.75	---	---	---
MONTH	14.28	9.21	11.71	14.32	8.97	11.89	14.16	9.24	11.82	16.48	9.75	12.44
YEAR	16.48	8.82	11.98									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	12.71	9.23	11.34	13.11	10.10	11.62	13.57	10.89	12.04	12.80	9.83	11.50
2	13.35	9.87	11.71	13.56	10.43	12.03	12.93	9.75	11.54	12.94	9.69	11.65
3	12.87	10.89	11.87	13.81	10.77	12.25	13.31	9.96	11.54	13.89	10.43	12.33
4	13.11	9.94	11.66	13.91	10.71	12.35	12.56	9.30	11.10	13.89	10.68	12.16
5	13.87	10.13	11.94	13.72	11.11	12.45	13.09	8.83	11.11	13.15	9.60	11.42
6	13.88	10.50	12.17	13.95	10.57	12.49	13.09	9.16	11.29	12.72	9.35	11.23
7	12.85	9.56	11.64	13.24	10.52	11.93	12.92	9.29	11.31	13.04	10.01	11.69
8	13.06	9.30	11.42	13.22	10.20	11.77	13.31	9.87	11.71	12.74	9.84	11.46
9	13.56	9.63	11.83	12.90	9.95	11.55	12.92	9.89	11.56	12.27	9.56	11.17
10	12.83	9.85	11.57	12.87	10.26	11.66	12.76	9.69	11.56	12.42	10.07	11.39
11	12.87	9.91	11.63	12.82	10.35	11.75	13.01	10.04	11.48	12.65	10.75	11.76
12	13.26	10.45	11.96	12.97	11.09	11.88	12.08	9.78	11.02	12.67	10.24	11.64
13	13.29	11.46	12.23	13.05	11.42	12.13	12.15	10.11	11.05	12.48	8.93	11.20
14	13.50	11.83	12.54	12.83	10.61	11.99	12.27	10.11	11.43	12.27	9.33	11.45
15	13.60	11.83	12.85	12.62	10.43	11.71	12.46	9.42	11.43	13.58	10.57	12.01
16	13.88	11.80	12.83	13.24	10.34	11.94	12.20	8.84	10.76	13.87	10.84	12.15
17	13.82	11.23	12.60	13.63	10.89	12.21	12.49	8.83	10.86	13.53	9.78	11.73
18	13.55	11.07	12.28	13.11	10.22	11.66	13.52	9.32	11.62	13.22	9.59	11.53
19	13.72	11.25	12.44	13.71	10.06	12.09	13.54	9.93	11.75	13.78	9.93	11.89
20	13.55	11.28	12.47	13.95	10.91	12.58	13.13	9.41	11.46	13.56	10.12	11.97
21	13.72	11.02	12.28	13.80	9.95	12.10	12.80	8.98	11.19	13.53	9.70	11.74
22	14.11	10.75	12.70	14.09	10.33	12.21	13.37	9.29	11.62	13.45	10.34	12.08
23	13.75	10.95	12.42	13.56	10.18	11.99	13.57	10.57	12.12	13.11	9.93	11.51
24	13.68	10.65	12.21	13.29	9.63	11.65	13.60	10.33	11.97	12.80	9.71	11.38
25	13.38	10.39	11.86	13.09	9.68	11.64	13.59	9.89	12.07	12.94	10.20	11.59
26	14.43	10.54	12.56	13.09	9.95	11.77	12.84	9.67	11.35	12.00	9.05	10.67
27	13.80	11.28	12.59	13.19	10.20	11.91	12.62	9.62	11.24	11.97	9.83	10.97
28	13.08	10.27	11.83	13.61	10.99	12.34	13.11	10.94	11.99	12.31	9.75	11.10
29	13.53	10.85	12.30	13.26	10.83	12.16	12.52	9.53	11.42	12.81	9.24	11.32
30	12.97	10.83	11.91	13.48	10.93	12.27	13.12	10.09	11.81	12.80	9.69	11.07
31	12.99	9.88	11.57	---	---	---	12.98	10.37	11.75	12.42	8.84	10.83
MONTH	14.43	9.23	12.10	14.09	9.63	12.00	13.60	8.83	11.49	13.89	8.84	11.54
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.63	8.88	10.93	13.43	10.37	11.92	13.07	9.93	11.45	13.19	10.20	11.58
2	12.54	8.86	10.98	13.63	10.62	12.05	13.21	9.91	11.38	13.30	10.32	11.84
3	12.83	9.01	11.07	13.30	10.15	11.64	13.03	10.06	11.44	13.31	10.61	11.92
4	13.43	9.95	11.74	13.24	9.91	11.83	13.12	10.31	11.69	13.43	10.72	11.95
5	13.55	9.57	11.88	13.27	9.60	11.29	13.26	10.32	11.76	13.38	9.80	11.68
6	13.01	10.02	11.43	13.28	10.43	11.81	13.17	10.46	11.64	12.67	9.85	11.43
7	13.01	10.23	11.54	13.33	10.49	12.07	12.42	8.89	10.77	12.79	10.45	11.64
8	12.37	10.13	11.37	12.89	9.74	11.51	12.36	10.58	11.41	13.09	10.57	11.88
9	12.41	10.03	11.33	12.51	9.98	11.23	13.03	10.59	11.88	13.11	10.70	11.95
10	12.60	10.62	11.59	12.53	9.78	11.08	13.15	10.67	11.99	13.16	10.57	12.00
11	12.99	11.01	12.26	12.55	10.66	11.64	13.46	10.88	12.33	13.60	10.33	11.89
12	12.89	8.83	11.35	12.89	10.76	11.82	13.57	10.98	12.50	13.71	10.61	12.06
13	11.71	8.83	10.58	12.78	9.17	11.39	13.66	11.06	12.43	13.48	9.93	11.74
14	13.03	9.09	11.28	12.74	8.91	11.31	14.07	10.90	12.62	13.43	9.34	11.43
15	12.91	9.14	11.49	13.34	10.07	11.73	14.32	11.07	12.56	13.72	10.32	11.90
16	12.40	8.95	10.85	13.11	9.37	11.37	13.77	10.83	12.42	13.44	10.78	12.08
17	13.78	8.89	11.71	13.04	9.48	11.46	13.67	10.61	12.20	13.15	10.54	11.70
18	13.84	9.76	11.94	13.68	9.74	11.55	13.62	10.73	12.15	13.20	10.68	11.79
19	13.65	10.36	12.02	13.31	10.20	11.85	13.38	10.15	11.85	13.18	10.47	11.88
20	13.60	10.63	12.07	13.05	8.83	11.05	13.08	10.91	11.87	13.03	10.38	11.64
21	13.06	10.09	11.70	12.50	9.12	10.83	13.24	9.91	11.65	12.81	10.09	11.74
22	12.97	10.00	11.70	12.53	10.39	11.54	12.45	10.50	11.37	12.76	10.19	11.59
23	12.66	10.03	11.29	13.11	9.52	11.50	12.66	10.29	11.58	12.66	9.81	11.38
24	12.56	10.13	11.19	12.23	9.55	11.05	12.39	10.00	11.27	12.60	9.19	11.12
25	12.55	10.52	11.73	12.12	10.33	11.31	12.93	10.05	11.45	12.18	9.10	10.85
26	12.87	10.47	11.78	12.19	9.53	11.01	13.27	10.79	11.95	13.27	10.05	11.57
27	12.65	10.22	11.39	11.67	9.08	10.64	13.27	10.72	12.12	13.46	11.00	12.12
28	12.97	9.55	11.62	12.50	9.25	11.13	12.69	10.04	11.42	13.19	9.93	11.60
29	13.68	10.58	11.97	12.70	9.91	11.16	13.12	10.07	11.68	13.60	9.61	11.37
30	---	---	---	13.01	9.49	11.41	12.83	10.16	11.47	13.44	9.79	11.57
31	---	---	---	12.93	10.11	11.42	---	---	---	13.58	10.50	11.80
MONTH	13.84	8.83	11.51	13.68	8.83	11.44	14.32	8.89	11.81	13.72	9.10	11.70

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.26	10.57	11.77	13.71	10.56	11.93	---	---	---	13.34	10.58	12.05
2	13.31	9.73	11.56	13.73	10.95	12.18	---	---	---	13.44	10.38	11.93
3	13.44	10.73	12.00	13.73	10.93	12.22	---	---	---	13.49	9.91	11.81
4	13.53	11.28	12.42	13.51	10.71	12.18	---	---	---	13.05	10.08	11.69
5	13.64	10.81	12.18	13.51	10.51	12.15	---	---	---	12.36	9.49	11.20
6	13.16	10.31	11.89	13.55	10.40	12.08	---	---	---	13.08	9.81	11.35
7	12.94	10.27	11.68	13.59	10.19	11.95	---	---	---	13.85	10.58	11.99
8	12.97	9.73	11.57	13.20	9.44	11.50	---	---	---	13.51	10.99	12.28
9	13.11	9.68	11.54	13.12	9.17	11.23	---	---	---	13.89	10.97	12.35
10	13.37	9.40	11.45	13.15	8.85	11.16	---	---	---	13.55	11.18	12.44
11	13.29	10.67	12.01	13.08	8.84	11.06	12.99	9.38	11.26	13.35	11.00	12.18
12	13.32	10.75	12.03	12.26	8.84	10.81	13.06	9.75	11.43	13.49	11.00	12.50
13	13.27	9.56	11.59	12.51	9.17	10.81	13.13	10.21	11.76	13.22	10.91	12.27
14	13.26	9.20	11.34	12.99	9.48	11.14	13.16	10.03	11.59	13.34	10.53	12.17
15	13.05	9.61	11.34	13.09	9.76	11.64	12.51	10.04	11.28	13.10	10.55	11.84
16	13.09	10.43	11.71	13.11	10.07	11.46	12.63	9.54	11.32	13.53	10.97	12.32
17	13.24	10.55	11.69	12.54	9.70	11.29	12.65	9.44	11.37	13.07	10.62	11.88
18	12.92	10.28	11.46	12.57	9.57	11.27	12.83	9.30	11.27	13.34	10.44	11.94
19	12.71	10.12	11.42	12.38	9.62	11.20	12.45	9.10	10.98	13.73	10.43	12.10
20	12.93	10.15	11.67	12.25	9.67	11.19	12.65	9.41	11.15	13.99	10.68	12.33
21	13.07	10.15	11.72	12.49	9.54	11.12	13.10	9.35	11.37	13.92	10.51	12.22
22	13.28	10.23	11.86	12.13	8.91	10.83	13.84	9.93	11.75	14.37	11.33	12.63
23	13.11	10.12	11.69	12.44	8.85	10.87	13.88	10.57	12.25	14.45	11.73	12.87
24	12.69	9.83	11.44	12.82	8.85	10.89	13.91	10.56	12.16	13.55	10.71	12.36
25	13.64	10.53	11.94	13.28	9.27	11.38	13.89	10.11	12.01	13.38	10.72	12.10
26	13.22	10.76	12.11	13.35	10.69	11.83	13.51	10.41	11.89	13.57	10.59	12.14
27	13.77	9.70	11.65	13.09	9.30	11.43	13.75	9.93	11.73	13.84	10.83	12.41
28	13.57	10.88	12.32	---	---	---	13.89	10.78	12.46	14.12	10.95	12.78
29	13.59	10.72	12.14	---	---	---	13.92	10.83	12.26	14.29	11.16	12.89
30	13.64	10.36	11.79	---	---	---	13.09	9.92	11.80	13.85	10.75	12.48
31	---	---	---	---	---	---	13.19	10.29	11.96	---	---	---
MONTH	13.77	9.20	11.77	---	---	---	---	---	---	14.45	9.49	12.18

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13.79	10.67	12.36	13.17	11.08	12.41	11.63	8.83	10.57	12.68	9.85	11.51
2	13.81	10.62	12.24	12.59	10.54	11.79	12.49	9.75	11.13	12.55	10.16	11.43
3	13.33	10.60	12.09	13.14	10.70	12.07	12.35	9.34	11.21	12.56	9.91	11.43
4	13.11	10.53	11.92	13.28	10.82	12.18	12.06	9.14	11.07	12.77	8.88	11.18
5	13.53	11.11	12.27	13.42	11.03	12.21	13.36	10.26	11.75	13.63	11.00	12.22
6	13.71	11.12	12.27	13.36	10.26	11.69	13.26	9.78	11.70	14.05	10.46	12.12
7	14.00	11.35	12.80	12.54	8.96	10.96	13.46	9.67	11.53	13.31	9.55	11.53
8	13.83	11.42	12.62	13.17	8.90	11.56	13.12	9.47	11.33	13.16	9.83	11.67
9	13.81	10.99	12.43	13.14	9.65	11.41	13.90	9.78	11.99	13.80	9.75	11.87
10	13.86	11.04	12.65	13.19	9.84	11.65	13.99	9.66	12.18	14.06	11.11	12.56
11	13.41	11.01	12.22	13.01	9.71	11.46	13.11	10.23	11.77	13.47	10.67	12.08
12	13.43	10.49	11.97	13.36	9.99	11.93	14.34	10.62	12.53	13.14	10.64	11.89
13	13.68	10.49	12.11	13.61	10.38	11.89	14.43	11.18	12.57	12.77	9.68	11.45
14	13.41	11.08	12.15	13.05	10.03	11.48	12.87	9.91	11.50	13.13	10.75	12.00
15	13.44	10.85	12.05	12.94	10.54	11.67	12.42	9.49	11.15	12.94	9.65	11.45
16	13.32	10.48	11.96	13.19	11.03	12.04	12.67	9.72	11.40	12.36	9.49	11.05
17	13.47	10.60	12.13	12.70	9.38	11.37	13.41	9.58	11.96	13.15	9.28	11.41
18	13.53	11.38	12.31	12.93	10.09	11.55	12.89	9.80	11.66	13.31	9.22	11.35
19	13.13	10.83	12.05	13.19	10.77	12.05	12.86	9.33	11.19	12.95	9.01	10.97
20	14.11	11.22	12.69	13.11	10.43	11.73	12.62	8.91	11.15	13.19	8.88	11.25
21	14.55	11.86	13.29	12.65	9.31	11.07	13.09	9.12	11.33	13.36	8.88	11.46
22	14.01	11.42	12.77	13.69	9.78	11.87	13.62	9.15	11.76	13.88	10.24	12.02
23	14.37	11.05	12.85	13.82	10.21	12.20	13.78	9.94	12.00	13.12	10.35	11.90
24	14.14	11.25	12.66	13.86	10.08	12.04	12.94	9.96	11.60	13.48	10.68	12.11
25	13.90	10.41	12.40	13.58	10.33	12.09	12.59	9.62	11.31	13.02	10.36	11.77
26	14.10	10.85	12.60	13.16	10.21	11.75	13.22	9.52	11.45	12.64	10.01	11.44
27	14.20	10.74	12.48	13.11	9.90	11.64	13.39	10.35	11.70	12.40	10.03	11.42
28	13.86	10.77	12.53	12.68	9.47	11.04	12.69	9.79	11.33	12.84	10.70	11.80
29	13.59	10.45	12.22	12.30	9.27	10.92	12.66	9.12	11.18	12.53	10.24	11.38
30	13.59	10.80	12.32	12.33	9.78	11.37	12.87	10.85	11.90	12.29	9.11	10.98
31	14.35	11.71	12.94	---	---	---	12.60	10.40	11.51	11.63	10.08	10.91
MONTH	14.55	10.41	12.40	13.86	8.90	11.70	14.43	8.83	11.56	14.06	8.88	11.60

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.51	10.34	11.31	12.23	10.08	11.56	12.44	9.50	11.26	13.59	10.34	11.92
2	12.47	9.31	11.09	12.83	10.42	11.84	13.30	10.40	11.82	13.09	9.50	11.63
3	12.81	8.88	11.39	13.28	10.55	11.96	13.43	10.02	11.91	13.65	9.78	11.66
4	13.26	9.14	11.63	12.92	10.60	11.70	13.33	9.72	11.48	14.25	10.66	12.30
5	13.92	10.18	12.18	13.22	9.87	11.59	13.30	9.81	11.57	14.02	11.18	12.67
6	13.62	10.37	12.05	13.70	10.08	12.08	13.22	9.82	11.68	13.62	11.08	12.44
7	13.05	10.10	11.69	13.63	10.91	12.43	13.64	9.35	11.64	13.36	10.25	11.72
8	13.08	9.85	11.64	14.24	10.97	12.61	12.96	9.95	11.53	13.22	---	---
9	13.18	10.36	11.90	13.71	11.23	12.50	12.98	9.54	11.45	13.16	9.87	11.65
10	13.10	9.64	11.65	13.89	11.49	12.74	13.40	11.17	12.19	13.10	10.03	11.53
11	12.70	9.80	11.23	14.18	11.56	12.90	13.38	10.71	12.24	12.78	10.70	11.93
12	12.38	9.18	10.96	13.94	11.25	12.39	13.42	10.97	12.34	12.59	10.50	11.57
13	12.47	9.55	11.13	13.45	11.64	12.45	13.35	11.06	12.32	12.56	10.13	---
14	12.39	8.88	10.94	13.31	10.25	12.08	13.15	11.28	12.28	12.67	10.03	11.38
15	12.04	9.22	10.98	12.80	9.50	11.42	13.50	11.37	12.45	13.29	10.23	11.71
16	12.65	8.88	11.37	12.19	9.97	11.14	13.33	11.04	12.18	12.69	9.69	11.47
17	13.55	10.22	11.97	13.33	9.95	12.07	13.82	10.84	12.27	13.29	9.72	11.41
18	13.92	10.23	12.21	12.88	10.20	11.64	13.35	11.06	12.23	13.62	10.51	11.91
19	13.50	10.81	12.07	13.15	10.00	11.70	12.87	9.43	11.31	13.44	10.74	12.00
20	13.21	10.48	11.93	13.81	10.66	12.55	13.10	9.98	11.61	13.30	10.37	11.80
21	13.20	10.75	11.97	13.37	10.29	11.84	13.55	10.80	12.21	13.53	10.60	11.89
22	12.93	10.18	11.61	13.25	9.69	11.56	13.44	10.93	12.31	13.51	10.61	12.06
23	13.08	9.76	11.54	13.80	11.07	12.47	13.42	9.60	11.60	13.55	10.42	11.68
24	12.77	8.88	10.96	13.60	10.08	12.02	13.04	10.89	12.21	12.60	9.64	11.12
25	12.87	10.07	11.46	13.04	10.21	11.50	13.23	10.44	11.56	12.66	10.13	11.40
26	12.58	10.18	11.34	12.93	9.86	11.46	12.62	9.93	11.30	13.07	10.26	11.76
27	12.19	10.50	11.26	12.69	10.12	11.45	12.83	10.33	---	13.28	10.04	11.95
28	12.59	10.56	11.52	12.54	9.88	11.64	12.78	10.36	---	13.53	10.14	11.98
29	---	---	---	12.68	10.10	11.23	13.35	10.57	12.08	13.58	10.89	12.38
30	---	---	---	12.42	10.31	11.35	12.85	10.17	11.69	13.53	10.87	12.06
31	---	---	---	12.37	9.73	11.24	---	---	---	13.51	9.71	11.74
MONTH	13.92	8.88	11.53	14.24	9.50	11.91	13.82	9.35	---	14.25	---	---

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.37	9.94	11.61	---	---	---	13.02	8.97	11.36	13.36	10.79	12.13
2	13.82	8.88	11.39	---	---	---	13.39	10.18	11.63	13.11	10.62	11.95
3	13.68	9.27	11.48	13.46	10.66	11.96	13.58	10.70	12.24	12.92	10.08	11.70
4	13.34	9.67	11.55	13.42	10.17	11.78	13.63	10.95	12.39	13.34	10.81	12.13
5	13.23	10.17	11.60	13.39	10.52	12.10	13.40	10.48	12.06	13.46	10.88	12.32
6	13.10	9.97	11.43	13.17	10.21	12.01	12.96	10.08	11.83	13.70	10.86	12.50
7	13.14	10.24	11.86	12.91	9.88	---	13.44	10.39	12.00	14.06	11.25	12.77
8	13.06	10.47	11.82	12.43	9.17	11.01	13.08	10.19	11.80	14.15	11.44	12.86
9	12.95	10.23	11.81	12.66	9.30	11.15	13.33	10.61	12.10	14.00	10.84	12.56
10	12.51	9.24	11.22	13.34	9.80	11.85	13.07	10.68	11.89	13.92	11.01	12.47
11	12.64	9.34	11.13	13.05	9.40	11.58	13.32	---	---	14.04	10.59	12.31
12	13.45	10.03	11.69	12.66	9.43	11.26	14.04	11.23	12.32	13.87	10.39	12.20
13	12.91	9.67	11.38	12.50	9.46	11.14	13.35	9.91	11.87	14.04	11.09	12.35
14	13.08	9.91	11.24	12.99	8.83	11.03	13.50	9.68	11.65	13.90	10.62	12.30
15	12.65	8.96	11.09	13.48	10.05	11.59	13.58	9.86	11.78	13.83	10.80	12.36
16	13.22	9.94	11.48	13.01	9.98	11.60	13.69	10.69	12.12	13.75	10.80	12.38
17	13.28	9.61	11.34	13.28	9.94	11.41	13.34	10.73	12.01	13.51	10.18	12.10
18	13.20	10.32	11.59	13.62	10.21	11.67	13.48	10.51	12.16	13.35	10.17	12.02
19	13.17	10.22	11.54	13.87	10.88	12.34	13.52	10.65	12.27	13.36	10.50	12.13
20	13.68	10.03	11.51	13.76	11.04	12.21	13.72	10.61	12.46	13.41	10.85	12.11
21	13.35	10.60	12.03	13.38	10.70	12.33	13.56	10.69	12.22	14.15	10.51	12.67
22	13.09	10.12	11.48	13.62	10.78	12.07	13.54	9.91	11.92	15.82	11.31	---
23	13.05	10.01	11.78	13.25	10.15	11.88	13.61	9.54	11.68	13.28	10.48	11.99
24	13.07	10.07	11.83	13.23	9.55	11.63	13.15	9.20	11.40	13.83	10.91	12.24
25	13.42	10.00	11.88	13.74	9.35	11.85	13.71	9.55	11.82	14.33	11.97	13.10
26	13.84	10.13	12.22	14.01	9.92	12.06	13.89	10.83	12.37	14.26	12.54	13.42
27	13.62	9.90	11.95	13.36	9.49	11.65	13.72	11.23	12.35	14.77	12.62	13.63
28	13.18	9.69	11.66	13.56	9.82	11.50	14.21	11.13	12.41	14.63	13.11	13.89
29	---	9.74	---	13.38	8.90	11.30	14.09	11.20	12.44	14.49	12.86	13.69
30	14.18	10.52	12.10	13.42	10.52	11.80	13.36	10.75	12.08	14.23	12.47	13.26
31	---	---	---	13.60	10.66	11.94	13.34	10.59	11.90	---	---	---
MONTH	---	8.88	---	---	---	---	14.21	---	---	15.82	10.08	---

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER,SC--Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1983 to current year.
pH: April 1983 to current year.
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: April 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor since June 1983. Data collection platform since Aug. 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept 17, 1985; minimum, 40 microsiemens, Sept. 7, 1987.
pH: Maximum, 8.4 units, July 26, 27, 1988; minimum, 5.6 units, Sept. 7, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, July 21, 1986; minimum, 2.5°C, Jan. 12 - 13, 1981.
DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23, 1988; minimum, 0.0 mg/L, Sept. 24, 25, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 221 microsiemens, June 30; minimum, 88 microsiemens, Sept. 24, 25.
pH: Maximum, 8.2 units, Apr. 8, July 25; minimum, 6.6 units, Aug. 3, 5, Sept. 30.
WATER TEMPERATURE: Maximum, 31.0°C, July 11; minimum, 7.5°C, Dec. 19, 20.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Dec. 27; minimum 0.0 mg/L, Sept. 24, 25.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	112	110	111	106	102	105	136	127	128	135	133	134
2	127	111	112	108	106	107	133	125	128	159	135	140
3	126	111	113	109	108	108	126	125	125	151	140	143
4	118	111	113	122	109	115	127	125	126	148	138	141
5	122	111	114	123	119	120	130	126	127	138	137	137
6	132	111	114	121	119	120	134	126	128	139	130	134
7	127	109	113	124	119	121	129	126	127	133	130	131
8	128	109	116	146	119	125	133	126	128	142	130	133
9	139	108	115	124	119	122	131	126	127	144	130	133
10	136	108	112	131	120	124	129	126	127	131	129	130
11	136	107	110	127	116	123	131	126	127	133	130	131
12	124	107	109	147	121	126	129	125	127	138	131	132
13	109	101	105	145	121	127	127	126	126	137	129	132
14	102	101	101	124	121	123	130	126	128	135	129	131
15	102	101	102	126	122	123	133	128	129	132	130	131
16	103	102	102	125	122	124	143	128	132	133	131	132
17	104	102	103	128	123	125	148	128	132	134	131	132
18	105	103	104	136	125	128	143	128	131	134	132	133
19	107	103	105	143	125	130	142	128	132	135	132	133
20	111	105	107	176	126	138	160	130	135	138	131	134
21	112	103	105	196	128	145	143	130	134	134	131	132
22	105	103	104	149	125	133	136	128	130	133	130	132
23	106	103	104	138	123	128	134	129	130	139	131	133
24	109	103	105	148	123	129	140	129	131	138	132	133
25	110	104	106	130	124	126	144	130	133	140	132	134
26	107	103	105	132	125	127	136	130	132	135	131	132
27	107	104	105	145	128	132	138	130	132	137	131	133
28	111	104	106	141	126	130	140	130	133	133	130	131
29	106	104	105	144	126	130	135	130	132	132	131	132
30	110	105	106	137	126	129	134	133	134	133	130	132
31	108	104	106	---	---	---	134	134	134	134	131	132
MONTH	139	101	108	196	102	125	160	125	130	159	129	133

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNERSC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	134	131	132	133	132	133	145	141	142	128	122	125
2	133	130	131	137	132	133	142	138	140	128	121	124
3	135	130	131	138	132	133	143	137	139	128	122	124
4	133	130	131	138	133	135	142	137	139	126	117	121
5	134	132	132	153	134	138	148	139	140	120	118	119
6	135	131	133	168	132	139	146	136	140	122	116	119
7	152	132	134	138	131	133	144	134	137	122	116	119
8	152	131	136	133	131	132	139	134	136	169	117	147
9	147	129	133	133	132	133	143	134	136	124	115	119
10	135	129	130	139	133	134	143	132	135	126	114	117
11	141	129	133	139	134	136	134	130	132	119	111	113
12	147	130	135	142	138	139	133	123	128	115	112	113
13	149	132	136	142	138	140	128	118	125	115	112	114
14	156	131	136	141	139	140	124	120	122	117	113	115
15	148	130	134	141	139	140	125	122	124	117	112	115
16	140	129	132	140	136	139	125	122	124	117	112	113
17	132	130	131	141	139	140	126	121	123	117	113	114
18	132	130	131	142	140	141	124	121	122	117	111	114
19	133	130	130	143	141	142	127	123	125	122	112	114
20	142	130	132	143	141	142	127	121	124	118	112	114
21	147	130	134	145	143	144	124	123	124	142	112	116
22	142	130	132	147	144	145	125	123	124	128	111	114
23	138	130	132	145	142	144	130	123	124	137	111	112
24	133	130	131	145	143	144	131	122	125	115	113	114
25	133	132	132	147	144	146	126	123	124	133	112	116
26	134	132	133	147	140	145	127	124	125	116	111	113
27	135	132	134	147	143	145	127	123	126	114	110	112
28	135	132	133	145	137	142	127	123	125	112	111	111
29	---	---	---	144	139	142	126	122	124	115	112	113
30	---	---	---	144	140	143	128	123	125	125	112	114
31	---	---	---	144	143	144	---	---	---	139	112	116
MONTH	156	129	133	168	131	140	148	118	129	169	110	117
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	112	114	174	125	144	120	105	110	126	112	114
2	117	112	114	187	131	154	126	112	114	133	111	116
3	120	111	114	182	129	146	123	111	115	126	111	113
4	122	111	115	177	120	139	123	110	112	127	111	114
5	125	111	115	167	120	134	121	111	112	115	108	112
6	140	109	116	138	124	128	123	111	113	110	108	108
7	125	109	115	127	124	125	123	111	115	111	107	108
8	123	109	113	137	121	124	132	111	115	115	107	109
9	121	109	113	124	119	122	125	112	116	116	107	108
10	125	109	111	122	114	118	125	112	116	135	107	115
11	131	109	112	118	111	114	128	112	117	135	107	110
12	135	110	114	115	110	111	131	111	119	120	107	111
13	112	101	106	112	106	110	128	111	116	123	108	111
14	117	101	103	110	105	107	139	112	114	124	109	112
15	112	101	102	152	106	109	119	111	114	129	109	114
16	116	101	103	131	104	111	133	112	117	138	107	115
17	113	101	104	132	105	113	130	110	119	133	108	112
18	115	100	104	138	104	118	134	110	115	120	108	112
19	114	101	103	129	104	108	125	109	112	127	110	114
20	122	102	106	124	104	107	123	109	113	121	108	112
21	122	99	105	125	104	113	126	110	113	124	91	109
22	115	100	105	118	104	106	127	111	117	103	96	100
23	117	100	106	120	106	111	138	111	113	104	95	100
24	128	99	103	133	105	113	133	110	112	101	88	95
25	110	100	102	127	105	113	114	111	112	98	88	94
26	102	99	101	122	103	108	120	110	112	101	95	98
27	101	100	100	123	105	109	116	112	114	103	97	99
28	104	100	102	130	106	113	115	110	113	102	98	100
29	106	102	104	140	105	115	124	109	112	124	98	99
30	221	104	116	122	107	114	126	110	112	103	98	100
31	---	---	---	125	108	113	124	110	115	---	---	---
MONTH	221	99	108	187	103	118	139	105	114	138	88	108
YEAR	221	88	122									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNERSC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNERSC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNERSC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.0	25.5	29.5	28.5	29.0	30.5	29.0	29.5	29.5	28.5	29.0
2	26.5	24.5	25.5	29.0	29.0	29.0	30.0	29.0	29.5	29.5	28.0	29.0
3	27.0	25.0	26.0	29.0	28.5	29.0	30.0	29.5	30.0	29.0	28.5	29.0
4	27.0	26.0	26.5	28.5	28.0	28.5	30.5	29.5	30.0	28.5	27.0	27.5
5	27.5	25.5	26.0	29.0	28.5	28.5	30.5	29.5	30.0	27.0	26.5	27.0
6	26.5	25.5	25.5	29.0	28.5	28.5	31.0	30.0	30.0	27.0	26.5	27.0
7	26.0	25.0	25.5	29.5	28.5	29.0	31.0	30.0	30.5	27.5	26.5	27.0
8	26.0	25.5	25.5	30.0	29.0	29.5	30.5	29.0	30.0	27.5	27.0	27.0
9	26.0	25.5	25.5	30.0	29.5	30.0	29.0	27.5	28.0	27.5	27.0	27.0
10	27.0	25.5	26.0	30.5	30.0	30.0	27.5	26.5	27.0	27.5	17.5	27.0
11	27.5	26.5	27.0	31.0	30.0	30.5	27.0	26.5	26.5	28.0	27.5	27.5
12	28.0	27.0	27.5	30.5	30.0	30.0	27.0	26.5	27.0	28.0	27.0	27.5
13	28.0	27.0	27.5	30.5	30.0	30.5	27.0	26.5	26.5	28.0	27.5	27.5
14	28.0	27.5	28.0	30.5	29.5	30.0	26.5	26.5	26.5	27.5	27.0	27.5
15	28.5	28.0	28.5	30.0	29.5	29.5	27.0	26.0	26.5	28.0	27.0	27.5
16	28.5	27.0	28.0	30.0	29.5	29.5	27.0	26.5	27.0	27.5	27.5	27.5
17	27.5	27.0	27.0	30.0	29.0	29.5	27.5	26.0	27.0	27.5	27.0	27.5
18	28.0	27.0	27.5	29.5	29.0	29.5	27.5	26.5	27.0	27.5	27.0	27.0
19	29.0	27.5	28.0	30.0	29.0	29.5	27.0	26.5	26.5	27.0	26.0	26.5
20	28.5	28.0	28.5	29.5	28.5	29.0	27.5	26.0	26.5	26.0	25.5	25.5
21	28.5	27.5	28.0	29.5	28.5	29.0	27.5	26.5	27.0	26.0	25.5	25.5
22	29.0	28.0	28.5	29.5	28.5	29.0	28.0	27.5	27.5	26.0	25.0	25.5
23	29.0	28.0	28.5	29.5	28.5	29.0	28.0	27.5	27.5	26.0	25.5	25.5
24	28.5	28.0	28.5	29.5	28.5	29.0	28.0	27.5	28.0	25.5	23.5	24.5
25	29.0	28.0	28.5	30.0	29.5	29.5	28.0	27.5	28.0	23.5	22.5	23.0
26	29.0	28.5	29.0	29.5	29.0	29.5	28.0	27.5	28.0	24.0	23.0	23.5
27	29.0	28.5	29.0	29.5	29.0	29.0	28.5	28.0	28.0	23.5	23.0	23.0
28	30.5	29.0	29.5	29.5	29.0	29.0	28.0	27.5	28.0	23.0	22.5	23.0
29	30.0	29.5	29.5	30.5	29.5	30.0	28.0	27.5	28.0	23.0	22.5	22.5
30	29.5	29.0	29.5	30.5	30.0	30.0	28.5	27.5	28.0	23.0	22.5	22.5
31	---	---	---	30.0	29.5	30.0	29.0	28.0	28.5	---	---	---
MONTH	30.5	24.5	27.5	31.0	28.0	29.5	31.0	26.0	28.0	29.5	17.5	26.0
YEAR	31.0	7.5	19.5									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNERSC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER,SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.6	4.3	5.1	---	---	---	5.3	4.1	4.9	5.7	3.6	4.8
2	5.9	3.6	5.0	---	---	---	5.3	3.8	4.6	5.4	3.7	4.6
3	6.0	3.9	5.0	---	---	---	5.9	3.9	5.1	5.1	3.4	4.4
4	6.0	4.1	5.2	---	---	---	5.8	4.2	5.2	5.5	3.9	4.6
5	6.1	3.5	4.9	---	---	---	5.3	4.0	4.7	5.6	4.1	4.9
6	5.5	3.6	4.6	5.2	3.8	4.6	5.3	3.9	4.6	6.0	4.1	5.3
7	5.0	3.3	4.2	5.0	3.8	4.4	5.5	4.0	4.7	6.2	4.7	5.5
8	5.4	3.4	4.3	5.4	4.0	4.6	5.0	3.8	4.5	6.2	4.9	5.6
9	5.5	3.8	4.6	5.6	4.3	4.9	4.9	4.0	4.4	6.1	5.1	5.6
10	6.5	3.7	4.5	6.1	4.6	5.2	5.2	4.3	4.7	6.0	5.3	5.6
11	6.6	5.0	5.6	5.4	4.4	4.9	5.2	4.3	4.8	6.2	5.0	5.7
12	6.3	4.6	5.5	5.2	4.1	4.9	5.9	4.6	5.2	6.1	4.5	5.6
13	5.2	3.8	4.7	5.4	4.4	4.9	5.7	4.5	5.3	6.1	4.7	5.4
14	---	---	---	5.2	4.4	4.7	5.3	4.0	4.8	6.0	4.6	5.4
15	---	---	---	5.1	4.1	4.6	5.4	4.0	4.9	6.6	4.5	5.6
16	---	---	---	5.4	4.2	4.8	5.8	4.3	5.1	6.4	5.0	5.8
17	---	---	---	5.4	4.0	4.8	6.2	4.7	5.5	6.2	4.6	5.6
18	---	---	---	5.7	4.0	4.9	6.1	4.7	5.4	6.4	4.5	5.6
19	---	---	---	6.1	4.4	5.3	5.7	4.3	5.1	6.2	4.8	5.6
20	---	---	---	5.9	4.4	5.2	6.1	4.6	5.3	6.4	4.8	5.6
21	---	---	---	5.7	4.3	5.0	5.9	4.3	5.1	8.3	5.3	6.1
22	---	---	---	5.5	4.0	4.8	5.4	4.2	4.9	6.0	3.9	5.0
23	---	---	---	5.4	3.9	4.7	5.3	4.0	4.5	4.6	1.0	2.9
24	---	---	---	5.8	4.2	4.9	5.2	4.4	4.9	1.2	.0	.5
25	---	---	---	6.3	4.5	5.3	4.6	3.8	4.2	2.8	.0	.8
26	---	---	---	5.6	4.3	5.2	5.1	3.9	4.6	5.6	2.9	4.5
27	---	---	---	5.2	4.6	4.9	5.4	4.0	4.8	5.9	3.5	4.8
28	---	---	---	5.4	4.1	4.7	5.1	3.6	4.5	6.1	1.6	4.9
29	---	---	---	5.7	4.2	5.1	4.9	3.5	4.2	5.9	2.3	5.1
30	---	---	---	5.7	4.4	5.0	5.3	3.5	4.4	5.4	2.1	4.5
31	---	---	---	5.7	3.8	4.9	5.5	3.7	4.7	---	---	---
MONTH	6.6	3.3	4.9	6.3	3.8	4.9	6.2	3.5	4.8	8.3	.0	4.9
YEAR	11.9	.0	7.4									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal, 0.5 mi upstream of secondary Rd 9.

DRAINAGE.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1982 to September 1986.

GAGE.--Water-stage recorder. Datum of gage is 14.05 ft below National Geodetic Vertical Datum of 1929. One auxiliary recorder 1.36 mi up stream (sta 02172026) at datum 0.5 ft lower, is used in conjunction with this station for computations of discharge.

REMARKS.--Discharge computed by utilization of the One-Dimentional unsteady flow simulation model. Flow regulated by powerplant upstream, and tidal effect.

WATER YEAR 1983: Records poor. No discharge record, Oct. 1 - 7, Mar. 14 - 16, Apr. 23 - 27, and July 11 13.
WATER YEAR 1984: Records poor. No discharge record, Sept. 30.
WATER YEAR 1985: Records poor. No discharge record, Oct. 1 - 10, Jan. 26 - 30, and July 25 - 31.
WATER YEAR 1986: Records poor. No discharge record, Jan. 27, 28, Feb. 26, 27, Mar. 2 - 13, 17, 18, 21 - 25, May 21 - June 4, July 26 - 31, Aug. 9 - 27.

EXTREMES FOR PERIOD OF RECORD.-- Maximum computed daily mean discharge, 4560 ft^3/s, Jan 21, 1985; minimum computed daily mean discharge, -1840 ft^3/s, Mar. 29, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1983: Maximum computed daily mean discharge, 1720 $ft^3/3$, Dec. 31; Minimum computed daily mean discharge, -1720 ft^3/s, Jan. 23.
WATER YEAR 1984: Maximum computed daily mean discharge, 3690 $ft^3/3$, Dec. 26; Minimum computed daily mean discharge, -1840 ft^3/s, Mar. 29.
WATER YEAR 1985: Maximum computed daily mean discharge, 4560 $ft^3/3$, Jan. 21; Minimum computed daily mean discharge, -1410 ft^3/s, Aug. 31.
WATER YEAR 1986: Maximum computed daily mean discharge, 1960 $ft^3/3$, Feb. 4; Minimum computed daily mean discharge, -1080 ft^3/s, Oct. 18.

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	600	369	-2.0	-107	-115	-6.0	322	442	-54	247	240	326
2	---	838	66	77	-292	-985	107	-353	-304	-2.0	-170	375
3	---	80	-120	336	-2240	-438	-375	196	7.0	25	391	266
4	---	817	145	-373	-1300	-165	539	-105	347	220	494	82
5	---	-832	500	540	137	-810	-7.0	547	54	398	322	263
6	---	12	-164	-681	-191	-1090	33	358	676	646	-127	614
7	---	140	264	-547	-832	-1580	181	400	555	764	-527	145
8	-244	479	809	-437	-150	-1560	342	340	205	579	139	505
9	177	553	-78	246	126	-1230	177	535	705	48	6.0	-227
10	346	730	797	-77	459	-284	-271	432	254	-146	-440	-150
11	668	437	55	-664	-1030	-67	-86	-169	-34	---	-64	-46
12	452	-198	-231	-960	-795	211	917	-71	-258	---	-252	177
13	329	-637	871	921	-176	900	933	616	-408	---	-104	-44
14	34	1290	320	220	1270	---	885	-84	-409	-37	226	-19
15	415	-367	585	-956	-843	---	430	-154	17	35	288	979
16	-342	-408	-17	-117	-584	---	-14	-31	-78	512	387	476
17	-314	-140	-144	-372	-598	-304	318	232	44	274	479	239
18	-140	-319	650	-407	-789	-1430	477	380	280	32	509	8.0
19	-116	-30	616	-772	36	-723	-348	-8.0	113	-62	100	290
20	-128	-13	-783	191	-694	-112	-152	277	120	-18	182	218
21	-201	-105	-85	847	-373	897	768	609	335	154	35	279
22	9.0	-14	189	-777	-205	-223	366	432	377	88	304	-100
23	352	103	-461	-1720	-853	151	---	270	246	156	-50	408
24	-81	-208	-445	-971	601	216	---	96	-110	218	-186	202
25	-343	962	-75	65	304	269	---	616	-193	122	167	218
26	-175	-198	299	234	761	962	---	74	121	222	167	301
27	530	-345	250	567	491	1250	---	-173	-63	566	7.0	302
28	443	358	638	815	566	-431	-251	337	-266	-11	-135	495
29	291	-289	501	803	---	-107	166	-70	-90	-92	-115	474
30	-89	214	264	-372	---	285	-140	210	361	-25	231	438
31	-120	---	1720	-429	---	374	---	66	---	-231	374	---
TOTAL	---	3279	6934.0	-4877	-7309	---	---	6247.0	2550.0	---	2878.0	7494.0
MEAN	---	109	224	-157	-261	---	---	202	85.0	---	92.8	250
MAX	---	1290	1720	921	1270	---	---	616	705	---	509	979
MIN	---	-832	-783	-1720	-2240	---	---	-353	-409	---	-527	-227

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	189	710	490	513	619	349	296	-206	230	816	629	-388
2	-47	520	447	362	284	270	-1.0	-77	-208	892	464	-408
3	143	555	142	142	151	161	-138	179	580	795	505	-643
4	334	444	64	-44	120	266	149	-301	409	866	876	-559
5	198	698	160	-63	-215	168	-862	179	398	935	1400	276
6	118	382	274	256	-387	-614	-294	14	302	1070	1110	352
7	434	454	-258	518	487	-675	183	-555	732	1020	527	140
8	352	578	496	646	433	-811	413	-24	864	1140	699	256
9	-129	644	243	110	252	-873	840	372	734	1390	895	137
10	59	79	292	1020	212	172	274	530	560	740	1090	39
11	252	-279	880	434	369	-93	709	457	302	811	985	580
12	99	204	407	930	645	754	244	362	217	818	869	-24
13	197	512	104	759	855	185	118	-13	287	793	594	628
14	6.0	484	642	325	289	-152	-103	-6.0	241	919	426	873
15	197	460	193	909	114	318	-273	559	551	776	827	612
16	545	-84	333	522	176	227	-406	224	950	607	917	936
17	215	668	531	112	140	387	-730	570	942	687	1030	1200
18	296	366	737	423	-140	236	-520	399	603	819	1030	1040
19	453	218	538	-489	-81	-145	125	-451	933	1010	1000	1040
20	838	424	335	127	-262	-35	-168	25	908	1190	1260	1120
21	300	-4.0	298	225	-97	-940	42	411	1050	993	1210	915
22	218	334	-133	435	-12	-934	392	561	1230	1010	981	891
23	25	60	-483	-65	-968	-233	-864	316	1240	457	517	726
24	-687	187	-383	-133	-791	582	-1090	648	861	736	277	526
25	-185	-286	1690	-194	-37	-5.0	222	560	1150	982	785	490
26	336	355	3690	461	745	-364	126	349	1080	1120	347	276
27	373	577	850	450	639	431	326	1060	1010	847	583	212
28	461	509	280	-14	-1630	842	289	1030	894	1230	643	830
29	172	-30	342	157	-495	-1840	508	666	621	1260	319	682
30	1090	568	330	572	---	521	305	354	680	1580	-506	---
31	896	---	319	140	---	590	---	677	---	928	-884	---
TOTAL	7748.0	10307.0	13850	9546	1415	-1255.0	112.0	8869.0	20351	29237	21405	---
MEAN	250	344	447	308	48.8	-40.5	3.73	286	678	943	690	---
MAX	1090	710	3690	1020	855	842	840	1060	1240	1580	1400	---
MIN	-687	-286	-483	-489	-1630	-1840	-1090	-555	-208	457	-884	---

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985--Continued

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	1440	327	431	444	191	860	1030	562	609	479	-286
2	---	1050	858	335	739	-533	1720	884	695	734	548	-96
3	---	1510	388	700	1140	454	1000	930	760	407	1350	559
4	---	1220	1230	1030	888	457	475	1030	677	496	772	334
5	---	410	1410	58	719	-22	684	763	530	600	681	745
6	---	644	-651	1260	-435	335	150	-27	487	409	537	385
7	---	1040	650	253	-493	615	350	360	942	376	558	499
8	---	1310	83	438	-335	352	530	1010	602	661	372	776
9	---	1280	60	655	-66	-101	742	666	495	797	593	628
10	---	1190	96	642	-11	49	831	755	740	610	672	1250
11	836	524	281	158	465	-493	545	828	1030	497	873	452
12	866	1070	535	288	-1230	-525	676	586	1070	1080	1050	1160
13	841	754	203	688	-477	-187	964	482	1150	743	154	809
14	1060	651	-265	-223	321	-43	846	858	1210	572	629	404
15	1190	693	475	188	163	604	781	1270	765	901	623	676
16	854	173	406	1170	566	604	892	1350	616	-97	612	426
17	792	859	547	573	786	1480	774	750	733	-726	857	718
18	697	881	262	570	822	-380	720	634	828	-863	544	656
19	1130	421	43	555	639	-126	606	747	820	-1130	1340	746
20	1310	860	296	724	420	357	93	526	729	-1290	1600	866
21	1210	696	120	4560	553	573	-170	493	646	-1280	1100	656
22	1230	459	-220	3060	112	580	-106	707	762	-1360	846	755
23	736	473	220	970	163	346	190	738	644	-1060	989	773
24	1030	378	292	1170	546	248	-82	592	789	-871	861	787
25	698	163	-245	1510	334	717	-187	712	674	---	119	777
26	948	337	424	---	-77	979	452	849	811	---	-186	785
27	794	294	-42	---	27	490	385	641	1420	---	761	475
28	767	257	33	---	413	340	818	634	1030	---	703	341
29	648	609	65	---	---	552	879	1100	875	---	915	709
30	596	631	130	---	---	431	949	1260	400	---	290	431
31	1220	---	586	25	---	900	---	901	---	---	-1410	---
TOTAL	---	22277	8597	---	7136	9244	17367	24059	23492	---	19832	18196
MEAN	---	743	277	---	255	298	579	776	783	---	640	607
MAX	---	1510	1410	---	1140	1480	1720	1350	1420	---	1600	1250
MIN	---	163	-651	---	-1230	-533	-187	-27	400	---	-1410	-286

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	653	902	948	1200	1100	-502	239	-23	---	921	885	810
2	677	475	170	1460	1490	---	515	-42	---	719	783	743
3	567	1140	825	1310	1820	---	-126	410	---	916	591	506
4	299	610	1250	1270	1960	---	526	-96	---	1210	940	534
5	225	682	1520	1390	1640	---	-343	-229	467	576	880	419
6	813	1100	1430	1880	1070	---	-7.0	78	591	444	807	-202
7	820	1510	1720	1520	396	---	377	130	505	533	672	43
8	1460	1280	1560	1850	336	---	-81	-176	375	629	636	214
9	786	1270	1110	1150	610	---	4.0	495	571	566	---	226
10	1140	1010	1140	-103	615	---	221	112	813	576	---	863
11	884	833	1520	296	-94	---	12	-170	517	597	---	133
12	1070	908	1420	49	484	---	-479	-300	498	633	---	759
13	1630	964	1340	-254	236	---	15	21	666	481	---	1180
14	826	875	270	472	1290	-374	286	-133	845	950	---	896
15	650	910	1460	546	92	-957	-76	-142	829	1080	---	991
16	526	926	814	101	1280	-297	-417	-70	871	980	---	678
17	940	611	1280	539	1410	---	379	91	826	943	---	476
18	-1080	747	1170	307	1550	---	448	285	857	943	---	471
19	766	1240	1720	429	1450	208	345	353	543	894	---	250
20	772	854	1790	418	1500	-291	194	429	-17	817	---	396
21	1150	1200	1090	856	1450	---	430	---	90	783	---	266
22	1230	197	1590	667	479	---	-42	---	210	597	---	393
23	965	617	1060	666	1080	---	342	---	-479	616	---	-15
24	1290	438	1220	1050	933	---	-203	---	-52	797	---	-1.0
25	1460	645	481	319	630	---	-54	---	-322	681	---	-307
26	1420	589	1410	-83	---	-95	-232	---	378	---	---	27
27	1380	558	1140	---	---	-109	-27	---	250	---	---	585
28	929	897	1190	---	291	212	-55	---	457	---	759	190
29	1360	1020	1870	1470	---	-404	-324	---	760	---	1020	520
30	1320	753	1430	1420	---	-338	-24	---	792	---	411	1010
31	561	---	1480	1560	---	-287	---	---	---	---	521	---
TOTAL	27489	25761	38418	---	---	---	1843.0	---	---	---	---	13054.0
MEAN	887	859	1239	---	---	---	61.4	---	---	---	---	435
MAX	1630	1510	1870	---	---	---	526	---	---	---	---	1180
MIN	-1080	197	170	---	---	---	-479	---	---	---	---	-307

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal, 0.5 mi upstream of secondary Rd 9.

PERIOD OF RECORD.--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, USGS water-quality monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 492 microsiemens, July 28, 1988; minimum, 43 microsiemens Sept. 7, 1987.
pH: Maximum, 8.4 units, Oct. 4, 10, 1987, Mar. 8, 1988; minimum, 5.3 units Sept. 7-8, 1986, May 7, 1987.
WATER TEMPERATURE: Maximum, 33.0°C, July 20, 1986; minimum, 4.5°C, Jan. 23, 24, 1985, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 15, 16, 17, 1988; minimum, 0.0 mg/L, Sept. 23 - 30, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 366 microsiemens, Mar. 6; minimum, 84 microsiemens, Sept. 9.
pH: Maximum, 8.3 units, Mar. 1; minimum, 6.1 units, Apr. 30, May 1 - 3.
WATER TEMPERATURE: Maximum, 31.0°C, July 12, 13, Aug. 6, 7; minimum, 7.5°C, Mar. 10.
DISSOLVED OXYGEN: Maximum, 12.5 mg/L, Jan. 29; minimum, 0.0 mg/L, Sept. 23 - 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	122	113	116	122	115	118	135	132	133	136	133	134
2	121	113	115	122	114	118	149	133	136	151	134	140
3	121	112	115	122	117	120	135	132	134	183	138	153
4	121	113	116	122	116	119	137	133	135	155	139	148
5	117	115	116	135	118	123	162	134	145	142	135	138
6	118	115	116	125	119	122	199	138	160	143	136	139
7	118	112	116	129	119	122	164	136	146	147	136	142
8	117	112	113	127	117	123	172	135	149	165	137	146
9	118	113	114	125	118	120	154	134	145	188	136	155
10	117	113	115	126	118	121	148	132	139	142	133	136
11	118	113	115	139	130	134	148	132	138	140	133	136
12	122	113	116	141	130	134	139	133	135	153	135	142
13	120	113	115	134	130	133	135	132	133	146	136	140
14	119	113	115	138	130	133	139	133	136	146	133	138
15	119	113	115	136	128	132	143	135	138	141	133	136
16	119	114	116	133	128	131	187	137	152	143	134	138
17	121	114	117	132	128	130	220	142	169	141	136	139
18	118	115	116	145	131	136	210	142	168	144	137	141
19	130	119	120	158	133	142	193	142	161	148	138	142
20	166	119	133	197	137	156	216	144	169	162	139	148
21	167	115	137	238	145	175	218	143	171	151	138	143
22	128	116	122	199	141	172	169	136	154	142	138	140
23	126	118	122	181	136	155	180	137	155	170	137	147
24	135	119	125	159	135	147	170	137	149	157	141	148
25	140	120	128	149	132	138	177	139	151	158	139	147
26	132	118	125	145	132	137	156	142	149	148	139	144
27	140	118	127	153	133	141	159	139	149	153	141	146
28	146	120	130	147	134	138	163	141	149	142	138	140
29	133	114	122	147	132	135	152	135	141	143	139	140
30	135	117	123	136	130	132	136	133	134	145	140	141
31	125	115	121	---	---	---	135	133	134	146	140	143
MONTH	167	112	120	238	114	135	220	132	147	188	133	142

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	148	141	143	149	143	144	171	153	158	165	130	143
2	148	140	143	146	143	144	161	151	155	162	129	140
3	176	139	151	179	142	154	162	149	154	164	130	142
4	154	140	144	163	146	152	167	150	157	150	125	138
5	148	140	143	250	146	177	185	153	160	159	121	131
6	146	141	143	366	161	221	195	154	167	147	122	133
7	195	144	158	182	145	164	172	151	160	166	122	141
8	203	153	167	151	143	146	159	146	153	152	123	134
9	179	143	159	150	143	146	167	147	155	163	124	138
10	163	143	149	174	145	156	170	145	154	165	119	139
11	179	145	158	175	148	158	158	137	149	160	120	136
12	175	147	161	160	143	153	151	117	138	170	123	140
13	196	150	169	161	149	153	144	116	134	176	124	142
14	200	150	172	156	149	151	140	122	131	181	124	145
15	194	147	167	156	149	152	136	125	132	167	124	136
16	177	141	158	156	150	152	155	127	140	167	122	136
17	146	141	143	154	150	152	160	133	142	174	124	140
18	147	142	144	158	150	154	153	132	138	153	121	132
19	151	143	146	164	151	155	168	130	146	149	121	129
20	190	145	157	159	152	154	161	130	138	153	121	131
21	208	151	167	163	152	156	144	130	134	151	121	131
22	176	150	162	170	154	158	151	130	138	144	117	127
23	166	143	153	159	155	156	169	131	147	148	117	130
24	216	143	147	166	155	159	146	129	135	143	117	124
25	151	144	147	172	156	163	169	129	145	127	118	122
26	150	146	148	173	156	162	171	130	146	127	118	122
27	151	145	147	171	156	161	165	132	140	123	114	118
28	149	143	146	170	154	158	163	131	139	122	113	117
29	---	---	---	171	152	158	147	129	135	128	116	121
30	---	---	---	169	153	157	166	130	143	138	117	124
31	---	---	---	164	154	157	---	---	---	136	119	127
MONTH	216	139	153	366	142	158	195	116	145	181	113	133
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	136	117	127	---	---	---	122	103	109	120	103	111
2	138	118	127	211	131	164	115	102	108	118	109	112
3	153	120	130	232	112	156	125	104	116	115	108	111
4	162	119	139	195	114	146	114	102	107	118	102	108
5	170	117	140	224	102	154	114	101	107	114	97	106
6	---	---	---	128	98	110	119	102	110	110	95	103
7	---	---	---	113	95	103	121	105	111	107	90	101
8	124	113	118	110	97	103	121	105	110	106	85	99
9	118	103	110	109	96	103	112	102	106	108	84	101
10	114	101	106	106	97	101	114	104	109	113	92	103
11	110	101	106	110	93	102	115	106	110	122	102	108
12	111	103	106	110	92	102	117	104	110	122	103	109
13	110	100	104	109	98	104	114	104	108	119	105	109
14	111	100	104	119	100	107	119	107	110	125	108	113
15	110	100	104	210	104	121	152	111	116	126	107	117
16	107	98	103	201	113	147	156	114	125	119	105	113
17	113	99	103	164	110	131	128	110	120	123	105	115
18	108	101	104	166	107	131	146	110	124	125	106	114
19	112	100	105	186	103	140	128	112	121	138	106	118
20	120	104	110	129	102	115	128	112	120	129	111	119
21	130	101	114	132	100	117	125	111	117	133	105	117
22	110	99	105	112	101	106	125	112	118	115	98	106
23	115	103	109	123	100	111	125	114	119	130	101	121
24	110	101	105	131	109	119	127	112	118	130	97	115
25	107	100	104	126	111	117	120	108	111	129	94	105
26	107	98	102	122	107	113	110	104	107	114	95	103
27	109	95	100	124	107	113	109	103	107	114	94	101
28	113	96	104	124	105	112	110	105	107	107	88	95
29	119	103	109	133	100	110	109	102	105	107	90	97
30	193	106	120	123	104	109	110	102	105	111	95	101
31	---	---	---	125	105	111	108	102	105	---	---	---
MONTH	193	95	111	232	92	119	156	101	112	138	84	108
YEAR	366	84	132									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.5	26.5	---	---	---	30.5	29.5	30.0	30.0	29.5	29.5
2	27.5	25.5	26.5	29.0	28.5	29.0	30.5	29.5	30.0	30.0	29.0	29.5
3	28.0	26.0	27.0	29.0	28.5	28.5	30.5	29.5	30.0	29.5	29.0	29.0
4	28.0	26.5	27.5	28.5	28.0	28.5	30.5	29.5	30.0	29.0	27.0	28.0
5	28.5	26.0	27.5	29.0	28.0	28.5	30.5	29.5	30.0	27.5	26.0	27.0
6	---	---	---	29.0	28.0	28.5	31.0	30.0	29.0	27.0	26.0	26.5
7	---	---	---	29.5	28.5	29.0	31.0	30.0	30.5	27.5	25.5	27.0
8	---	---	---	29.5	29.0	29.0	30.5	29.0	30.0	27.5	26.0	27.0
9	---	---	---	30.0	29.0	29.5	29.0	27.5	28.0	27.5	25.5	27.0
10	---	---	---	30.5	29.5	30.0	27.5	26.5	27.0	28.0	26.0	27.0
11	---	---	---	30.5	29.5	30.0	26.5	26.0	26.0	28.0	27.0	27.5
12	---	---	---	31.0	29.5	30.5	27.0	25.5	26.5	28.0	27.5	27.5
13	29.0	28.0	28.5	31.0	30.5	30.5	27.0	26.5	26.5	28.0	27.5	28.0
14	29.5	28.0	28.5	30.5	30.0	30.5	26.5	26.5	26.5	28.0	27.5	28.0
15	29.5	28.0	28.5	30.5	29.5	30.0	27.0	26.0	26.5	28.0	27.0	27.5
16	29.0	28.0	28.5	30.5	29.5	30.0	27.5	26.5	27.0	28.0	27.5	28.0
17	29.0	27.5	28.0	30.5	29.5	30.0	28.0	27.0	27.0	28.5	27.0	27.5
18	28.5	27.5	28.0	30.0	29.5	29.5	28.0	27.0	27.0	28.0	27.0	27.5
19	29.0	27.5	28.5	30.0	29.5	29.5	27.0	26.5	26.5	27.5	26.0	26.5
20	29.0	28.5	28.5	30.0	29.5	29.5	27.5	26.0	27.0	26.0	25.5	25.5
21	29.0	28.5	29.0	30.0	29.0	29.5	28.0	26.5	27.0	26.0	25.5	25.5
22	29.5	28.0	28.5	30.0	29.5	29.5	28.0	27.0	27.5	26.0	25.0	25.5
23	29.0	28.5	29.0	---	---	---	28.5	27.0	27.5	26.0	25.5	25.5
24	29.5	28.0	28.5	---	---	---	28.0	27.5	28.0	25.5	23.5	24.5
25	29.5	28.5	29.0	---	---	---	28.5	27.5	28.0	23.5	21.5	22.5
26	29.5	28.5	29.0	---	---	---	28.5	28.0	28.5	23.5	21.5	22.5
27	29.5	28.5	29.0	---	---	---	29.0	28.0	28.5	23.5	22.0	22.5
28	30.0	29.0	29.5	---	---	---	28.5	28.0	28.5	23.0	22.0	22.5
29	30.0	29.5	30.0	30.5	29.0	30.0	28.5	28.0	28.0	23.5	22.0	23.0
30	30.0	29.0	29.5	30.0	29.5	30.0	29.0	28.0	28.5	23.5	23.0	23.0
31	---	---	---	30.5	29.5	30.0	29.0	28.0	29.0	---	---	---
MONTH	30.0	25.5	28.5	31.0	28.0	29.5	31.0	25.5	28.0	30.0	21.5	26.5
YEAR	31.0	7.5	19.5									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.5	5.5	6.7	9.0	7.2	8.3	9.9	9.0	9.5	10.2	9.6	10.0
2	7.3	5.6	6.6	9.3	7.8	8.6	9.7	8.8	9.2	10.1	9.3	9.8
3	6.9	5.4	6.5	9.0	8.4	8.6	9.7	8.3	9.3	9.8	9.1	9.5
4	7.3	5.7	6.3	9.6	8.6	9.1	9.7	8.8	9.3	10.4	8.7	9.6
5	7.8	6.3	7.1	9.5	8.1	8.8	9.9	9.2	9.5	10.6	9.4	10.2
6	7.9	6.7	7.2	9.3	7.7	8.8	10.0	9.1	9.6	10.6	9.5	10.2
7	8.9	7.4	8.2	9.5	7.8	9.0	10.0	9.2	9.7	10.5	9.1	10.1
8	9.0	7.5	8.4	10.2	8.4	9.3	10.3	9.2	9.8	10.6	9.4	10.1
9	9.3	7.3	8.6	9.8	8.5	9.4	10.0	9.2	9.6	10.8	9.4	10.1
10	9.1	7.8	8.6	9.9	7.7	9.2	9.7	8.8	9.3	11.0	9.3	10.1
11	9.2	7.6	8.6	9.8	9.3	9.6	9.6	8.6	9.3	10.6	9.3	10.1
12	9.0	7.2	8.5	9.8	8.7	9.4	10.4	9.0	9.5	10.3	9.1	9.9
13	9.1	7.7	8.6	9.5	8.4	9.1	9.9	9.3	9.7	10.2	8.6	9.8
14	9.5	7.9	8.9	9.6	7.8	9.1	10.2	9.1	9.8	10.8	9.3	10.2
15	9.9	8.1	9.0	9.6	8.5	9.3	10.2	9.3	10.0	10.7	9.6	10.2
16	9.5	8.0	8.9	9.5	8.6	9.0	10.2	9.4	9.9	10.6	9.2	10.2
17	9.2	8.1	8.8	9.2	8.0	8.5	10.1	9.4	9.9	10.8	9.6	10.4
18	8.7	7.9	8.4	8.8	7.6	8.4	10.4	9.5	10.0	11.0	9.7	10.4
19	8.4	7.5	8.0	8.7	8.0	8.3	10.6	9.4	10.2	11.1	9.6	10.6
20	9.3	7.6	8.2	9.0	7.9	8.2	10.7	9.7	10.3	11.2	9.8	10.6
21	9.4	7.4	8.0	8.8	7.4	8.2	10.6	10.0	10.4	11.6	9.9	10.8
22	8.8	7.3	7.9	8.9	8.0	8.4	10.7	9.7	10.4	11.3	10.5	11.0
23	9.0	7.2	8.3	9.4	7.8	8.6	10.7	9.7	10.4	11.5	10.3	11.1
24	8.9	7.7	8.3	9.6	7.7	8.9	10.5	9.3	10.3	11.6	10.6	11.2
25	9.6	7.1	8.5	10.0	8.4	9.3	10.6	9.0	10.1	11.7	10.5	11.2
26	9.4	7.7	8.8	9.9	8.5	9.4	10.4	9.4	10.1	12.0	10.0	11.5
27	9.5	7.9	8.8	9.8	8.4	9.4	10.4	9.2	10.2	12.1	11.0	11.6
28	10.1	7.9	8.7	9.6	8.3	9.0	10.5	9.1	10.1	12.3	11.0	11.5
29	9.3	7.6	8.5	9.8	8.4	9.4	10.4	9.2	10.1	12.5	10.9	11.5
30	9.9	7.5	8.5	9.8	9.1	9.5	10.6	9.6	10.3	11.5	10.3	11.1
31	8.7	8.1	8.4	---	---	---	10.6	9.5	10.1	11.2	9.9	10.7
MONTH	10.1	5.4	8.2	10.2	7.2	8.9	10.7	8.3	9.9	12.5	8.6	10.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.3	10.4	10.9	11.2	10.2	10.9	10.9	8.3	10.0	7.6	5.4	6.7
2	11.2	10.5	10.9	11.0	10.2	10.7	11.4	9.8	10.7	8.0	5.7	6.7
3	11.5	10.0	10.8	10.8	9.9	10.4	11.4	9.7	10.7	8.1	5.3	6.8
4	11.3	10.1	10.9	10.7	9.2	10.1	10.8	9.3	10.3	8.8	6.0	7.3
5	11.1	9.9	10.7	10.5	8.7	9.8	10.2	8.9	9.7	8.2	6.8	7.5
6	11.1	9.7	10.6	10.5	8.9	10.1	10.4	8.3	9.5	8.0	6.0	7.0
7	10.9	9.5	10.5	10.2	8.5	9.5	10.1	8.9	9.8	8.3	5.1	6.7
8	11.1	9.5	10.5	10.4	8.7	9.9	10.5	8.8	9.8	8.4	6.4	7.5
9	11.7	9.9	10.8	10.8	9.3	10.2	10.2	8.2	9.2	8.7	5.7	7.4
10	11.9	10.8	11.4	11.3	9.7	10.7	9.5	7.7	8.8	8.3	5.3	7.0
11	11.9	10.7	11.5	11.4	10.3	10.9	9.1	7.2	8.1	9.4	5.4	8.0
12	11.6	10.6	11.3	11.3	9.8	10.7	9.5	7.9	8.6	9.2	5.6	7.7
13	11.4	10.5	11.2	---	---	---	10.0	7.9	8.9	8.9	5.5	7.6
14	11.1	10.5	10.8	---	---	---	9.9	7.6	8.7	8.8	5.1	7.3
15	10.9	10.1	10.6	---	---	---	9.1	7.3	8.2	8.8	6.1	7.7
16	10.8	9.5	10.2	---	---	---	9.0	6.7	8.0	8.6	5.9	7.5
17	10.4	9.6	10.0	---	---	---	9.4	6.4	7.9	8.7	5.6	7.3
18	10.1	9.1	9.8	---	---	---	9.6	6.6	8.3	8.8	6.4	7.8
19	10.5	9.3	10.0	---	---	---	9.4	6.1	7.6	8.5	6.3	7.6
20	10.6	9.6	10.2	---	---	---	8.9	6.4	8.0	8.4	5.8	7.2
21	10.5	9.7	10.2	---	---	---	9.0	6.9	7.9	7.9	5.7	7.0
22	10.2	9.0	9.8	---	---	---	9.5	7.0	8.1	7.7	5.5	6.8
23	10.6	8.9	9.8	---	---	---	9.4	6.3	7.5	7.5	5.2	6.4
24	11.0	9.3	10.4	---	---	---	9.1	7.5	8.5	7.5	5.1	6.8
25	11.4	10.3	10.9	---	---	---	9.1	6.0	7.5	7.4	6.2	7.1
26	11.7	10.5	11.1	---	---	---	8.6	5.9	7.5	7.6	6.4	7.0
27	11.9	10.5	11.0	---	---	---	8.5	6.4	7.8	7.3	6.1	6.8
28	11.0	10.2	10.7	---	---	---	8.3	6.3	7.7	7.1	6.2	6.7
29	---	---	---	10.9	9.1	10.0	8.1	6.7	7.6	7.4	6.3	6.7
30	---	---	---	10.2	9.0	9.8	7.9	5.8	6.9	7.4	6.1	6.6
31	---	---	---	10.4	9.0	9.8	---	---	---	7.0	5.8	6.4
MONTH	11.9	8.9	10.6	11.4	8.5	10.2	11.4	5.8	8.6	9.4	5.1	7.1

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	5.5	6.1	---	---	---	6.2	2.7	4.2	---	---	---
2	6.5	5.2	5.8	6.6	5.0	6.1	5.8	3.8	5.0	6.3	4.3	5.6
3	6.5	4.9	5.7	6.6	5.0	6.0	6.2	4.0	5.3	5.9	4.0	5.2
4	6.5	5.0	5.8	6.5	5.0	5.8	6.5	4.0	5.5	6.0	4.2	5.2
5	6.6	5.0	5.9	6.4	4.9	5.9	5.7	3.4	4.8	6.0	3.7	5.1
6	---	---	---	6.5	4.5	5.8	5.5	2.5	4.5	5.9	3.2	5.0
7	---	---	---	6.6	4.6	5.9	5.4	2.3	4.5	6.3	3.2	5.2
8	---	---	---	6.7	5.3	6.1	5.0	2.0	4.0	6.3	3.4	5.0
9	---	---	---	6.6	5.8	6.4	4.8	3.3	4.4	5.8	2.7	4.4
10	5.8	4.7	5.2	7.2	5.9	6.6	5.1	3.7	4.5	5.9	2.5	4.3
11	6.2	5.0	5.7	7.0	5.3	6.5	5.0	4.1	4.6	6.0	2.6	4.3
12	6.6	5.4	6.0	6.8	5.2	6.0	5.0	4.3	4.6	6.2	2.7	4.7
13	6.6	5.3	5.9	5.6	4.5	5.1	5.5	3.2	4.4	6.2	3.0	4.9
14	6.5	5.0	5.6	5.3	4.4	4.9	5.0	3.6	4.5	5.8	2.5	4.7
15	6.4	4.6	5.6	5.2	4.2	4.7	5.0	3.2	4.0	6.0	2.4	4.6
16	6.8	5.0	5.8	5.3	3.7	4.6	5.2	3.2	4.2	6.1	3.0	5.0
17	5.8	4.6	5.3	6.0	3.4	4.7	5.5	3.1	4.3	6.0	1.9	4.6
18	6.2	4.3	5.2	5.6	4.2	5.1	5.7	2.3	4.3	6.1	1.8	4.8
19	6.8	4.5	5.7	6.1	3.9	5.1	5.2	1.6	3.6	6.2	2.6	5.0
20	6.7	4.8	5.7	6.0	4.0	5.2	5.5	1.4	4.1	5.6	2.4	4.7
21	6.7	4.5	5.7	5.9	3.9	5.3	6.1	2.0	4.5	6.1	2.6	5.1
22	6.7	4.6	5.8	5.4	3.6	4.6	6.3	2.4	5.0	6.5	3.4	4.3
23	6.2	4.9	5.7	5.3	2.5	4.3	6.2	3.1	5.1	3.6	.0	1.6
24	6.4	4.9	5.6	5.5	2.1	4.3	6.6	1.8	4.9	1.9	.0	.3
25	6.2	5.0	5.8	5.7	3.5	5.0	---	---	---	1.5	.0	.2
26	6.5	5.2	5.9	6.0	3.5	4.9	---	---	---	3.2	.0	.2
27	6.4	4.8	5.8	5.2	3.4	4.3	---	---	---	5.3	.0	.8
28	6.4	5.0	5.6	5.0	2.9	3.8	---	---	---	4.9	.0	1.2
29	6.1	5.0	5.5	5.2	3.0	4.0	---	---	---	4.4	.0	1.0
30	6.8	4.5	5.5	4.9	3.3	4.1	---	---	---	3.8	.0	.5
31	---	---	---	5.0	2.8	3.9	---	---	---	---	---	---
MONTH	6.8	4.3	5.7	7.2	2.1	5.2	6.6	1.4	4.5	6.5	.0	3.7
YEAR	12.5	.0	7.7									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27'', long 79°56'11'', Berkeley County, Hydrologic Unit 03050201, on right bank, 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 14.34 feet below National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.31 ft, Sept. 5, 1987; minimum, 10.98 ft, Jan. 28, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.22 ft, Sept. 22; minimum, 11.74 ft, Jan. 4.

Water Year 1982: Maximum gage height, 19.46 ft, June 18; minimum, 12.13 ft, Dec. 16.
Water Year 1983: Maximum gage height, 20.13 ft, Mar. 18; minimum, 12.61 ft, July 22.
Water Year 1984: Maximum gage height, 19.58 ft, Mar. 21; minimum, 12.36 ft, Feb. 29.
Water Year 1985: Maximum gage height, 19.09 ft, July 25; minimum, 11.62 ft, Jan. 26.
Water Year 1986: Maximum gage height, 18.96 ft, June 21; minimum, 10.98 ft, Jan. 28.
Water Year 1987: Maximum gage height, 20.31 ft, Sept. 5; minimum, 12.05 ft, Apr. 4, June 10.
Water Year 1988: Maximum gage height, 19.85 ft, July 1; minimum, 11.80 ft, Dec. 16.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	17.85	14.69	16.27	17.71	14.60	16.13	17.92	14.93	16.36
2	16.90	13.19	15.15	17.66	14.59	16.08	16.79	13.65	15.18	17.92	14.82	16.36
3	17.13	13.90	15.47	17.47	14.37	15.93	16.49	12.76	14.78	18.17	15.14	16.80
4	17.02	13.82	15.46	17.32	14.13	15.74	16.31	12.96	14.91	18.32	13.99	16.60
5	16.71	13.55	15.23	17.31	14.11	15.80	16.78	13.09	14.93	17.37	14.00	15.82
6	16.97	13.17	15.24	17.39	14.19	15.89	17.10	13.43	15.57	18.15	14.03	16.48
7	16.51	13.16	15.04	17.59	14.31	16.07	17.32	13.60	15.83	18.34	14.32	16.34
8	17.16	13.97	15.58	17.76	14.32	16.29	17.15	13.22	15.41	18.19	13.58	16.33
9	17.34	13.68	15.63	17.73	14.07	16.15	17.49	12.47	15.56	18.81	14.45	16.66
10	17.60	13.95	15.87	17.98	13.89	16.30	18.20	13.31	16.14	---	---	---
11	17.84	14.04	16.02	18.35	14.25	16.56	18.54	13.85	16.50	---	---	---
12	17.98	14.21	16.21	18.75	14.49	16.91	18.58	14.08	16.56	---	---	---
13	18.19	14.47	16.48	18.88	14.95	17.10	18.44	14.15	16.38	---	---	---
14	18.40	14.62	16.67	18.76	14.92	16.98	18.31	14.08	16.29	---	---	---
15	18.41	14.48	16.63	18.56	14.68	16.76	18.02	13.72	15.79	---	---	---
16	18.39	14.20	16.48	18.36	14.55	16.66	17.24	12.13	15.11	---	---	---
17	17.99	13.97	16.18	17.75	14.09	16.16	17.52	13.46	15.69	---	---	---
18	17.86	13.84	16.02	17.73	14.40	16.14	17.30	13.77	15.63	---	---	---
19	17.20	12.74	15.23	17.48	14.38	16.07	17.05	13.86	15.56	---	---	---
20	17.33	13.55	15.57	17.24	13.19	15.75	17.03	13.61	15.47	---	---	---
21	17.22	13.41	15.57	17.03	13.23	15.54	17.17	13.65	15.54	17.55	13.82	15.61
22	17.09	13.40	15.49	17.52	14.26	16.03	17.10	13.55	15.41	17.76	13.83	16.19
23	17.21	13.46	15.53	17.58	13.98	16.05	17.24	13.31	15.34	18.00	14.63	16.27
24	17.56	13.57	15.73	17.78	14.10	15.87	17.08	13.05	15.26	17.21	13.49	15.30
25	17.80	14.74	16.40	17.65	13.42	15.85	17.77	13.43	15.93	17.58	13.14	15.59
26	17.87	14.59	16.27	17.78	13.95	15.99	18.11	14.66	16.47	17.10	13.45	15.40
27	17.74	14.28	16.21	17.48	13.77	15.66	18.25	14.83	16.50	17.80	14.05	15.94
28	17.45	14.08	15.87	17.08	13.32	15.22	18.13	14.63	16.44	17.73	14.09	15.90
29	17.57	13.98	15.98	17.40	13.66	15.61	18.07	14.87	16.40	17.50	13.85	15.71
30	17.80	14.63	16.21	17.40	13.91	15.72	18.30	14.85	16.60	17.53	14.17	15.85
31	17.78	14.81	16.18	---	---	---	18.92	15.51	17.16	17.59	14.31	15.97
MONTH	---	---	---	18.88	13.19	16.10	18.92	12.13	15.82	---	---	---

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.23	13.53	15.40	18.19	14.91	16.61	17.36	13.13	15.35	18.62	15.26	17.10
2	17.50	14.15	16.02	18.23	14.57	16.48	17.14	13.41	15.47	18.18	14.78	16.65
3	17.90	13.45	15.99	17.96	14.18	16.14	17.26	12.86	15.52	17.98	14.64	16.47
4	17.77	13.55	15.84	18.09	15.01	16.75	16.50	12.55	14.82	18.16	14.74	16.57
5	18.02	13.50	16.12	18.42	14.49	16.69	17.80	12.81	15.63	18.31	14.74	16.55
6	18.18	13.88	16.18	18.19	14.32	16.58	17.55	13.39	15.76	18.09	14.32	16.39
7	18.19	13.50	16.21	18.77	14.66	16.66	17.69	12.98	15.56	17.75	13.81	15.99
8	18.36	14.16	16.40	17.98	13.71	16.20	18.39	13.99	16.18	17.95	14.05	15.98
9	18.36	14.12	16.36	18.20	14.39	16.47	18.10	14.05	16.27	18.26	14.32	16.22
10	17.88	14.03	16.05	18.17	14.52	16.48	17.75	13.87	15.77	18.26	14.70	16.37
11	18.07	14.37	16.29	18.04	14.54	16.35	17.75	14.03	15.81	17.96	14.46	16.06
12	17.89	14.61	16.33	18.05	14.64	16.39	17.51	13.20	15.27	17.78	14.39	16.00
13	17.94	14.41	16.22	18.10	14.57	16.30	16.83	13.29	14.92	17.40	13.90	15.50
14	17.46	14.51	15.90	17.64	14.37	15.94	16.59	13.27	14.94	17.02	13.78	15.41
15	17.20	14.25	15.66	17.69	14.70	16.10	16.89	14.16	15.69	16.93	13.81	15.62
16	16.88	14.23	15.54	17.70	14.78	16.12	17.16	13.89	15.56	17.25	14.16	15.88
17	17.12	14.37	15.78	17.36	14.03	15.71	16.52	13.44	15.15	17.17	13.71	15.71
18	17.48	14.36	15.97	16.89	14.33	15.77	16.77	13.25	15.32	17.16	13.41	15.56
19	17.69	14.54	16.01	17.36	14.52	15.97	17.13	14.06	15.75	17.21	13.42	15.59
20	17.72	14.31	16.24	17.33	14.66	15.96	17.48	13.77	15.85	17.47	13.06	15.55
21	17.97	14.83	16.34	17.88	14.63	16.44	17.43	13.56	15.81	17.79	12.97	15.65
22	18.09	14.32	16.40	17.87	14.59	16.36	17.93	13.55	15.87	18.36	12.93	15.75
23	18.25	14.68	16.63	18.53	14.88	16.84	18.46	14.37	16.38	18.04	13.15	15.92
24	18.06	14.57	16.35	18.86	15.63	17.38	18.24	14.30	16.49	18.01	13.71	15.93
25	18.31	14.07	16.24	18.98	15.70	17.44	18.55	14.06	16.31	18.11	13.90	16.06
26	18.45	15.18	16.92	18.68	15.10	17.16	18.63	14.50	16.68	18.38	13.93	16.22
27	18.61	14.95	16.96	18.64	15.09	16.98	18.61	14.61	16.67	18.16	14.43	16.44
28	18.18	14.54	16.38	18.65	14.99	16.79	18.47	14.73	16.54	18.36	14.52	16.51
29	---	---	---	18.76	14.94	16.96	18.66	15.55	17.06	18.09	14.54	16.41
30	---	---	---	18.43	14.11	16.34	18.87	15.55	17.25	17.89	14.64	16.50
31	---	---	---	17.82	13.48	15.69	---	---	---	17.92	14.54	16.42
MONTH	18.61	13.45	16.17	18.98	13.48	16.45	18.87	12.55	15.85	18.62	12.93	16.10
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.09	14.63	16.54	17.85	13.60	15.84	17.09	12.76	15.10	17.92	13.81	15.86
2	18.03	14.20	16.25	17.83	13.97	16.04	17.87	13.75	15.63	17.65	13.53	15.80
3	18.32	14.53	16.46	17.47	13.55	15.78	17.90	13.93	15.99	17.31	13.20	15.52
4	18.38	14.68	16.57	17.47	12.96	15.27	18.32	14.45	16.26	17.49	13.25	15.43
5	18.34	14.50	16.49	18.05	13.87	15.81	18.07	14.47	16.28	17.73	14.12	16.16
6	18.46	14.80	16.53	18.07	14.25	16.24	18.08	14.23	16.05	17.95	14.39	16.28
7	18.51	14.99	16.70	18.01	13.95	15.98	18.12	14.28	16.10	17.71	14.11	16.12
8	18.52	14.73	16.57	17.78	13.89	15.70	18.10	14.27	16.18	17.82	14.32	16.24
9	18.26	15.03	16.65	17.66	13.76	15.57	17.94	14.15	16.01	17.85	14.38	16.29
10	18.43	15.44	16.90	17.40	13.52	15.54	17.34	13.01	15.61	17.86	14.19	16.24
11	18.09	15.21	16.69	17.16	13.63	15.41	17.61	13.34	15.82	17.82	14.13	16.20
12	18.71	15.50	17.07	16.97	13.24	15.34	17.50	13.32	15.77	17.79	13.70	15.97
13	18.35	15.33	16.81	17.01	13.38	15.55	18.23	14.02	16.31	18.12	13.70	16.14
14	17.98	14.90	16.61	17.52	13.65	15.92	18.47	14.49	16.71	18.05	13.48	16.09
15	18.35	15.42	17.07	17.82	13.99	16.24	18.80	14.55	16.82	18.32	13.64	16.15
16	18.30	14.99	16.92	18.28	14.08	16.40	18.69	14.34	16.74	18.21	13.99	16.28
17	18.41	14.63	16.73	18.51	14.01	16.49	18.72	14.12	16.64	18.08	14.11	16.26
18	19.46	14.96	17.11	18.48	13.61	16.35	18.70	14.20	16.54	17.94	14.35	16.32
19	19.13	14.97	17.09	18.65	13.57	16.22	18.55	14.20	16.53	17.91	14.09	16.17
20	19.09	14.60	16.97	18.54	13.72	16.26	18.52	13.71	16.10	17.79	13.94	16.05
21	18.94	14.68	16.98	18.76	14.12	16.40	18.06	13.52	15.76	17.64	13.95	15.96
22	18.71	13.64	16.34	18.76	14.83	16.81	17.86	13.44	16.05	17.48	14.08	15.89
23	18.43	14.21	16.39	18.80	14.54	16.59	17.88	14.08	16.12	17.51	14.17	15.97
24	18.58	14.59	16.66	18.01	14.04	16.16	17.32	13.52	15.64	17.62	14.54	16.16
25	18.82	14.99	17.01	18.18	14.29	16.43	17.13	13.14	15.41	17.62	14.53	16.15
26	18.57	14.80	16.72	18.15	14.48	16.62	17.39	13.00	15.50	17.47	14.90	16.18
27	18.18	14.57	16.45	18.03	14.49	16.51	17.55	14.12	15.99	17.35	14.15	15.87
28	17.77	14.15	16.07	17.84	14.14	16.26	17.15	13.68	15.60	17.68	14.22	16.03
29	17.43	13.38	15.64	17.48	13.15	15.65	17.57	14.18	15.71	17.86	14.79	16.28
30	17.49	13.00	15.44	17.67	13.58	15.63	17.79	14.08	16.08	17.87	14.31	16.26
31	---	---	---	17.43	12.98	15.38	17.74	13.91	15.91	---	---	---
MONTH	19.46	13.00	16.61	18.80	12.96	16.01	18.80	12.76	16.03	18.32	13.20	16.08

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.92	14.19	16.19	18.05	13.64	16.15	17.92	13.04	15.73	19.29	15.25	17.33
2	18.13	14.53	16.41	18.27	14.22	16.49	17.83	12.80	15.73	19.38	15.39	17.51
3	18.22	14.82	16.68	18.33	14.28	16.56	17.90	13.23	15.86	19.42	15.92	17.70
4	18.13	14.64	16.50	18.68	14.53	16.71	18.22	13.53	16.05	19.26	16.06	17.67
5	18.01	14.18	16.27	18.00	13.45	15.94	18.28	13.86	16.33	19.02	16.00	17.65
6	17.97	14.08	16.23	18.00	13.82	16.06	17.87	14.10	16.20	18.37	15.70	17.12
7	18.08	14.12	16.32	17.97	14.04	16.16	---	---	---	18.54	15.11	16.98
8	18.01	14.31	16.34	17.94	14.36	16.33	18.30	15.21	16.82	18.10	15.35	16.77
9	17.91	14.05	16.20	18.13	14.61	16.49	18.29	14.93	16.78	18.66	15.38	17.24
10	18.05	14.00	16.30	18.25	14.88	16.73	18.51	14.99	17.10	19.00	15.80	17.34
11	18.25	14.98	16.78	18.39	15.23	16.95	18.69	14.39	17.03	18.59	15.31	16.85
12	18.31	14.81	16.76	18.22	15.02	16.77	18.67	15.23	16.85	17.62	14.58	16.15
13	18.36	14.91	16.81	17.78	13.19	15.99	18.83	15.14	17.15	18.63	14.89	17.03
14	18.35	14.33	16.56	18.70	14.74	17.09	18.95	15.49	17.30	18.66	15.44	17.10
15	18.55	14.69	16.82	18.46	15.01	16.88	19.03	15.65	17.37	18.08	15.06	16.60
16	18.08	14.69	16.57	18.48	15.14	16.83	18.44	15.26	16.84	18.28	14.81	16.63
17	18.15	14.44	16.42	18.42	15.25	16.82	18.51	14.77	16.64	18.16	15.07	16.59
18	17.94	14.25	16.24	18.17	15.06	16.60	18.55	15.33	16.89	18.03	14.68	16.43
19	17.87	14.38	16.22	18.12	14.95	16.57	18.72	15.60	16.97	17.59	14.66	16.15
20	17.78	14.33	16.12	18.12	15.14	16.63	18.08	15.22	16.46	17.93	14.93	16.38
21	17.51	14.26	15.91	17.89	15.11	16.48	18.06	15.03	16.50	18.57	16.09	17.36
22	17.41	14.14	15.88	17.77	15.01	16.37	18.25	15.68	16.91	18.61	15.43	17.17
23	17.73	14.82	16.32	17.75	15.07	16.40	17.85	15.21	16.66	18.16	14.56	16.60
24	17.61	15.02	16.39	17.17	14.22	15.92	17.62	14.69	16.35	17.89	14.02	16.10
25	17.23	14.33	16.07	17.79	15.06	16.50	17.72	14.40	16.20	18.09	14.20	16.38
26	16.87	13.96	15.54	17.93	13.94	16.44	18.03	14.55	16.43	18.35	14.23	16.67
27	17.61	14.19	16.09	17.29	13.89	15.61	18.38	14.43	16.59	18.83	14.54	17.18
28	17.89	14.84	16.39	15.13	13.73	14.78	18.70	14.41	16.82	19.20	15.27	17.53
29	17.93	14.66	16.42	15.27	13.61	14.20	18.83	14.66	16.86	19.40	15.59	17.67
30	17.76	14.33	16.25	17.69	13.02	15.33	19.01	14.43	17.07	19.59	15.82	17.76
31	17.77	13.92	16.03	---	---	---	19.43	15.38	17.47	19.29	15.68	17.53
MONTH	18.55	13.92	16.32	18.70	13.02	16.29	---	---	---	19.59	14.02	17.01

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.06	15.58	17.41	19.85	15.97	17.98	19.14	15.87	17.50	18.06	14.52	16.11
2	---	---	---	19.04	15.76	17.41	18.92	16.26	17.55	17.82	14.53	16.03
3	18.36	14.16	16.21	18.81	15.79	17.27	18.18	14.92	16.45	17.75	14.69	16.02
4	17.12	14.10	15.59	18.71	15.34	16.94	17.68	15.15	16.29	16.99	14.36	15.67
5	17.48	14.87	16.27	18.14	15.05	16.54	17.70	15.22	16.32	17.27	14.86	16.03
6	18.24	14.98	16.68	17.97	15.23	16.59	17.79	15.16	16.40	17.30	14.71	16.10
7	17.75	14.46	16.22	17.66	15.43	16.62	17.59	15.19	16.37	17.49	14.78	16.19
8	17.67	14.41	16.14	17.80	15.45	16.71	17.85	15.28	16.60	17.59	14.56	16.19
9	17.98	14.69	16.43	17.89	15.39	16.67	17.96	15.26	16.69	18.19	14.35	16.33
10	18.39	14.93	16.93	17.94	15.31	16.66	17.90	14.85	16.46	18.40	14.66	16.63
11	18.63	15.50	16.87	17.98	15.21	16.57	18.15	14.68	16.44	18.18	14.14	16.34
12	18.09	14.70	16.48	18.05	14.91	16.59	18.88	15.07	17.08	18.30	13.79	16.12
13	18.58	15.04	16.97	18.38	15.19	16.97	19.06	15.57	17.30	18.42	14.16	16.30
14	19.15	16.10	17.62	18.46	15.49	17.08	19.15	15.56	17.37	18.08	13.69	16.08
15	18.78	15.81	17.35	18.51	15.47	17.05	18.92	15.42	17.29	18.01	13.57	15.81
16	18.66	15.96	17.37	19.29	15.61	17.37	18.74	14.94	16.84	18.05	13.60	15.85
17	18.81	16.14	17.47	20.07	17.00	18.58	18.84	15.45	17.07	17.71	13.64	16.06
18	18.52	15.99	17.30	20.13	17.37	18.76	18.76	15.32	17.03	18.27	14.49	16.54
19	18.58	15.73	17.18	19.26	15.83	17.52	18.44	15.23	16.83	18.08	14.10	16.29
20	18.49	15.62	17.03	18.54	15.92	17.24	18.51	14.96	16.83	17.67	14.15	16.10
21	18.55	15.53	17.14	19.37	14.89	17.16	18.19	14.94	16.58	17.82	14.01	16.13
22	18.66	15.78	17.14	16.98	14.32	15.78	18.34	15.00	16.78	17.94	14.12	16.23
23	18.63	14.94	16.86	17.78	14.87	16.37	18.91	15.03	17.39	18.01	13.88	16.16
24	18.73	14.75	17.15	18.56	15.27	17.09	18.60	15.27	16.96	18.20	13.76	16.08
25	19.04	15.46	17.35	18.69	14.92	17.13	18.41	14.47	16.44	18.53	14.37	16.45
26	19.20	15.36	17.48	19.14	15.64	17.65	18.76	14.88	16.79	18.42	14.27	16.44
27	19.52	15.74	17.78	19.54	16.23	18.01	18.47	14.70	16.68	18.27	14.24	16.28
28	19.87	16.25	18.20	18.69	15.43	17.27	18.39	14.59	16.47	18.55	14.82	16.53
29	---	---	---	19.09	15.20	17.23	18.19	14.44	16.29	18.54	14.78	16.61
30	---	---	---	19.23	15.64	17.37	18.17	14.56	16.25	18.16	14.48	16.22
31	---	---	---	19.22	16.06	17.63	---	---	---	17.70	14.52	16.11
MONTH	---	---	---	20.13	14.32	17.16	19.15	14.44	16.78	18.55	13.57	16.19

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.76	14.57	16.08	17.47	14.35	15.90	17.18	13.43	15.51	17.76	14.03	16.13
2	17.59	14.87	16.25	17.18	13.80	15.68	16.89	12.94	15.18	17.98	14.48	16.33
3	17.52	14.49	16.06	16.90	13.46	15.49	17.20	12.90	15.30	17.99	14.03	16.26
4	17.30	14.26	15.97	17.11	13.17	15.47	17.52	12.85	15.49	17.97	13.35	16.01
5	17.25	13.86	15.75	17.54	13.07	15.58	17.73	12.83	15.59	18.10	13.32	16.00
6	17.57	14.12	15.99	17.65	13.53	15.84	17.81	12.67	15.60	18.67	13.61	16.19
7	17.88	13.96	16.04	18.27	14.26	16.47	17.88	12.68	15.56	18.30	13.81	16.30
8	18.01	13.59	16.04	18.66	14.36	16.67	18.51	13.20	15.88	18.54	13.99	16.41
9	18.72	14.52	16.71	18.58	14.02	16.52	18.67	13.77	16.22	18.32	14.42	16.48
10	18.86	14.51	16.90	18.50	13.75	16.31	18.18	13.75	16.17	17.94	14.17	16.22
11	18.97	14.79	17.00	18.63	14.26	16.49	18.14	13.75	16.04	17.75	13.80	15.95
12	18.88	14.66	16.94	18.46	14.15	16.46	18.17	13.55	15.78	17.55	13.39	15.68
13	18.85	14.39	16.72	18.41	14.33	16.44	17.54	12.87	15.70	17.24	13.18	15.47
14	18.56	14.10	16.43	18.42	14.38	16.46	17.69	14.20	16.12	17.04	13.18	15.32
15	18.39	14.54	16.51	18.02	14.17	16.36	17.76	14.07	16.14	17.84	14.56	16.27
16	18.37	14.65	16.60	18.16	14.37	16.59	17.80	14.27	16.19	17.88	15.09	16.59
17	18.19	14.63	16.50	18.14	14.49	16.57	17.76	14.25	16.16	17.75	14.63	16.29
18	18.11	14.56	16.57	17.89	14.21	16.29	18.04	14.17	16.23	17.47	14.06	15.93
19	18.01	14.50	16.49	17.63	13.76	15.91	17.81	13.69	15.90	17.67	13.87	15.86
20	18.02	14.18	16.34	17.30	12.86	15.41	17.90	13.75	15.88	17.65	14.02	15.96
21	18.10	14.33	16.36	17.40	12.64	15.18	17.70	13.84	15.87	17.38	14.23	16.02
22	18.33	14.38	16.47	17.64	12.61	15.13	18.04	13.77	15.86	17.43	13.32	15.59
23	18.38	14.66	16.64	17.77	13.13	15.45	17.59	13.65	15.73	17.57	14.00	15.98
24	18.19	14.25	16.37	17.53	13.92	15.78	17.42	13.49	15.54	17.54	14.16	16.03
25	17.89	13.94	16.00	17.69	13.80	15.68	17.66	13.92	15.88	17.62	14.12	16.08
26	18.07	14.27	16.01	18.10	14.18	16.02	17.65	14.32	16.13	17.88	14.53	16.32
27	17.91	14.18	16.03	18.19	14.79	16.47	17.66	14.42	16.12	17.98	14.59	16.38
28	17.49	13.49	15.46	18.19	14.84	16.44	17.44	14.17	15.87	18.11	14.83	16.61
29	17.21	13.55	15.30	17.82	14.65	16.22	17.23	13.74	15.61	18.28	15.06	16.78
30	17.04	13.58	15.55	17.58	14.33	16.05	17.41	13.65	15.77	18.37	15.05	16.84
31	---	---	---	17.30	13.91	15.67	17.66	14.05	16.04	---	---	---
MONTH	18.97	13.49	16.27	18.66	12.61	16.03	18.67	12.67	15.84	18.67	13.18	16.14

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.23	14.71	16.68	17.97	14.28	16.31	17.90	14.08	16.17	18.44	14.38	16.69
2	17.89	14.10	16.32	17.91	14.20	16.30	18.00	13.91	16.24	18.61	14.92	16.86
3	17.89	13.51	16.05	18.05	14.16	16.33	18.20	14.05	16.26	18.54	14.93	16.79
4	18.07	13.79	16.15	18.08	14.04	16.24	18.06	13.92	16.14	18.48	14.94	16.72
5	18.01	13.81	16.23	18.34	13.98	16.49	18.01	13.62	16.04	18.14	14.73	16.39
6	17.87	13.89	16.16	18.22	14.48	16.43	18.43	14.48	16.39	18.13	14.97	16.35
7	18.28	13.93	16.48	18.04	14.11	16.25	17.13	13.12	15.22	17.83	14.28	16.15
8	18.49	14.90	16.84	18.31	14.78	16.60	17.74	14.36	15.95	17.89	15.14	16.47
9	18.28	14.78	16.61	18.23	15.04	16.69	17.53	14.13	15.73	17.32	14.59	15.93
10	18.20	14.76	16.59	17.81	14.99	16.39	17.13	14.15	15.60	17.77	15.15	16.38
11	18.34	15.30	16.84	17.06	14.00	15.51	17.67	14.49	16.12	17.37	14.95	16.16
12	18.00	14.91	16.55	17.01	13.71	15.33	17.69	14.89	16.30	17.78	15.20	16.54
13	17.95	14.84	16.44	17.16	14.41	15.81	17.18	14.48	16.03	18.14	15.16	16.87
14	17.44	14.35	15.98	17.14	14.47	15.91	17.33	14.30	16.10	18.33	15.09	16.80
15	17.24	14.42	15.93	17.27	14.18	16.00	17.33	13.69	15.76	18.67	15.04	17.14
16	17.57	14.74	16.14	16.76	13.70	15.41	17.06	13.65	15.42	18.93	15.27	17.24
17	17.49	14.39	16.05	17.21	13.35	15.62	17.40	13.31	15.64	18.96	15.06	17.12
18	17.58	14.33	16.01	17.67	13.96	15.93	18.05	13.69	16.24	19.10	14.76	17.18
19	17.66	14.37	16.11	17.54	13.64	15.84	18.41	14.22	16.52	18.76	14.70	16.86
20	18.28	14.47	16.54	18.02	13.85	16.21	18.64	14.42	16.72	18.83	14.60	16.88
21	18.17	14.87	16.77	17.77	13.94	15.97	18.80	14.69	16.95	18.92	14.91	17.03
22	18.33	15.08	16.91	17.97	13.61	16.04	18.79	15.15	17.02	18.48	14.81	16.73
23	18.73	15.34	17.09	18.05	13.78	16.09	18.45	14.05	16.37	18.31	14.87	16.63
24	18.10	14.59	16.39	18.17	13.97	16.20	17.85	13.41	15.83	18.11	14.58	16.42
25	17.73	13.89	15.93	17.46	13.21	15.60	17.71	13.43	15.66	17.80	13.86	15.95
26	17.99	14.24	16.26	17.62	13.56	15.84	17.99	14.24	16.17	17.59	14.21	15.95
27	17.81	14.36	16.19	17.76	14.14	16.14	17.70	14.29	16.12	18.04	14.38	16.32
28	17.77	14.34	16.11	17.82	14.38	16.32	17.93	13.92	16.20	17.76	14.32	16.02
29	17.10	13.10	15.38	17.17	13.57	15.71	17.90	14.04	16.11	17.77	13.96	15.85
30	17.75	13.94	15.96	17.53	13.57	15.88	18.02	14.01	16.28	17.71	13.63	15.90
31	17.83	14.32	16.24	---	---	---	18.19	14.24	16.42	17.34	13.07	15.46
MONTH	18.73	13.10	16.32	18.34	13.21	16.05	18.80	13.12	16.12	19.10	13.07	16.51

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.86	13.79	16.00	17.22	12.67	15.27	18.43	15.18	16.82	18.19	14.10	16.25
2	17.88	14.09	16.11	17.56	13.95	15.89	18.43	15.05	16.83	18.23	14.15	16.17
3	17.94	14.40	16.18	17.71	14.28	16.08	18.51	14.90	16.71	17.92	14.42	16.34
4	17.84	14.43	16.15	18.02	14.64	16.37	18.46	15.12	16.87	17.90	13.79	15.93
5	17.49	14.11	15.80	18.12	15.04	16.66	18.31	14.06	16.10	17.94	14.39	16.09
6	16.93	12.84	14.92	18.11	14.74	16.44	17.56	13.77	15.62	18.13	14.02	16.06
7	16.99	13.55	15.30	17.91	14.89	16.51	17.82	14.29	15.92	17.96	14.14	15.97
8	17.07	14.30	15.72	17.93	14.92	16.38	17.94	14.96	16.32	17.74	14.41	16.01
9	17.17	14.21	15.71	17.41	14.22	15.58	18.20	15.46	16.82	17.83	14.35	16.15
10	17.07	13.89	15.54	17.69	14.84	16.18	18.69	15.39	17.11	18.04	14.55	16.47
11	17.18	13.80	15.57	17.83	14.10	15.98	18.82	15.61	17.45	18.17	14.51	16.58
12	17.54	14.05	15.91	17.78	14.89	16.37	18.89	15.66	17.48	18.35	14.40	16.59
13	18.04	14.15	16.44	18.39	14.43	16.67	18.97	15.67	17.51	18.42	13.98	16.37
14	18.45	14.54	16.66	18.14	14.28	16.35	19.07	15.63	17.48	18.45	13.70	16.21
15	18.40	14.28	16.56	18.24	14.09	16.51	19.11	15.33	17.34	18.87	14.31	16.63
16	18.59	14.28	16.71	18.47	14.54	16.70	18.76	15.12	17.14	18.67	14.44	16.64
17	18.70	14.51	16.84	18.95	14.55	16.99	18.46	14.58	16.62	18.69	14.80	16.72
18	18.66	14.71	16.83	19.03	15.44	17.35	18.34	14.13	16.16	18.73	14.93	16.77
19	18.64	14.87	16.88	18.99	15.42	17.33	18.23	14.52	16.34	18.27	14.06	16.00
20	18.53	14.88	16.82	19.14	15.58	17.38	18.13	14.46	16.17	17.63	14.11	15.72
21	18.37	15.01	16.86	19.58	14.67	17.06	17.97	14.68	16.19	17.58	14.59	15.99
22	18.53	15.49	17.00	18.14	14.35	16.18	17.85	15.10	16.41	17.76	14.89	16.27
23	18.97	14.09	16.60	17.58	14.31	15.85	18.13	14.77	16.47	17.61	14.76	16.18
24	17.08	13.98	15.53	17.80	14.94	16.32	17.06	14.30	15.65	17.77	14.48	16.23
25	17.22	13.54	15.43	17.95	14.82	16.45	17.56	14.58	16.16	17.77	14.98	16.51
26	17.44	13.67	15.94	17.42	14.73	16.06	17.53	14.40	16.03	17.63	14.25	16.04
27	18.17	14.57	16.71	17.75	14.74	16.50	17.74	14.73	16.31	17.93	14.22	16.07
28	17.95	13.59	15.61	18.62	15.54	17.16	17.92	14.52	16.28	18.17	14.55	16.37
29	16.37	12.36	14.54	16.89	13.53	15.58	18.29	14.83	16.56	18.22	14.26	16.35
30	---	---	---	17.75	13.49	15.92	18.28	14.76	16.65	18.41	13.83	16.21
31	---	---	---	18.26	14.53	16.59	---	---	---	18.67	14.66	16.59
MONTH	18.97	12.36	16.10	19.58	12.67	16.41	19.11	13.77	16.58	18.87	13.70	16.27

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.81	14.86	16.82	18.04	13.50	15.73	18.97	15.28	17.12	17.98	13.62	16.03
2	18.79	14.33	16.54	18.06	14.09	16.01	18.50	15.01	16.76	17.99	13.83	16.12
3	18.48	14.68	16.57	17.90	13.83	15.93	17.98	14.38	16.28	17.72	13.81	15.97
4	18.57	14.76	16.67	17.85	13.95	16.04	17.85	13.99	16.03	17.62	13.68	15.80
5	18.60	15.04	16.85	17.74	13.76	16.06	18.13	14.15	16.21	17.83	13.85	15.97
6	18.45	14.99	16.75	17.79	13.58	15.97	18.20	14.25	16.28	18.27	14.59	16.48
7	18.26	14.69	16.60	17.79	13.43	15.88	18.26	14.16	16.26	18.32	14.75	16.60
8	18.03	14.32	16.39	17.97	12.90	15.72	18.29	14.38	16.34	18.54	15.11	16.80
9	18.14	14.03	16.31	18.22	13.96	16.28	18.38	14.42	16.33	18.61	15.46	17.09
10	18.38	13.95	16.34	17.89	13.63	16.00	18.46	14.72	16.52	18.51	15.24	17.05
11	18.38	13.99	16.36	17.93	13.17	15.63	18.59	14.92	16.72	18.17	15.16	16.87
12	18.49	13.92	16.28	17.76	13.26	15.67	18.37	14.91	16.70	17.57	13.77	15.79
13	18.50	14.21	16.40	17.69	13.24	15.53	18.08	14.73	16.45	16.98	13.35	15.36
14	18.42	14.25	16.35	17.61	13.54	15.55	17.89	14.23	15.98	17.25	13.73	15.61
15	18.19	14.14	16.18	17.70	13.88	15.71	17.61	13.94	15.81	17.11	13.28	15.39
16	18.17	14.43	16.21	17.69	13.75	15.62	17.49	14.03	15.92	17.56	14.09	15.87
17	18.18	14.52	16.20	17.25	13.67	15.38	17.49	14.20	16.03	17.83	14.78	16.38
18	17.85	14.06	15.83	17.11	13.40	15.11	17.62	14.21	16.08	17.92	14.83	16.45
19	17.28	13.84	15.67	16.85	13.62	15.34	17.56	13.82	15.88	17.96	14.74	16.43
20	17.26	14.18	15.92	17.31	13.83	15.72	17.66	13.76	15.89	18.03	14.47	16.53
21	17.53	14.51	16.21	17.45	14.44	16.05	17.79	14.27	16.14	17.96	13.90	16.16
22	17.69	14.90	16.45	17.82	14.25	16.13	17.99	14.22	16.30	18.02	13.55	16.04
23	17.94	14.86	16.48	17.78	14.48	16.15	18.14	13.86	16.17	18.15	13.77	16.16
24	17.69	14.16	16.12	17.84	13.96	15.98	18.16	13.25	15.91	18.09	13.62	16.10
25	17.93	14.01	16.06	17.99	13.62	15.94	18.74	14.17	16.48	18.15	13.73	16.10
26	18.09	13.78	16.06	18.26	13.82	16.17	18.73	14.24	16.63	18.15	13.82	16.23
27	18.03	13.86	16.14	18.13	13.38	16.00	19.16	14.86	16.96	18.01	13.65	16.12
28	18.16	13.66	16.06	18.55	13.89	16.23	19.04	15.18	17.26	18.12	14.13	16.36
29	17.94	13.40	15.90	18.85	14.49	16.62	18.98	14.92	16.98	18.54	15.09	16.89
30	17.97	13.27	15.68	19.23	15.31	17.21	18.44	14.32	16.42	18.27	14.65	16.67
31	---	---	---	19.23	15.24	17.27	17.85	13.56	15.92	---	---	---
MONTH	18.81	13.27	16.28	19.23	12.90	15.96	19.16	13.25	16.35	18.61	13.28	16.25
YEAR	19.58	12.36	16.27									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), 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	18.14	14.72	16.58	17.98	15.02	16.57	16.78	13.72	15.47	17.43	14.37	16.04
2	17.87	14.37	16.26	17.91	15.03	16.58	17.13	14.27	15.82	17.30	14.06	15.94
3	17.85	14.47	16.28	18.34	15.20	16.92	17.26	13.58	15.72	17.46	14.02	16.11
4	17.50	14.20	16.02	18.39	15.97	17.30	17.64	13.46	15.92	18.34	14.46	16.60
5	17.65	14.00	15.94	17.99	15.32	16.77	18.22	14.72	16.79	17.40	13.91	15.74
6	17.91	14.21	16.13	17.77	14.70	16.41	18.26	14.51	16.25	18.18	14.37	16.55
7	18.14	14.87	16.51	18.02	14.58	16.48	17.78	13.17	15.95	18.28	14.59	16.37
8	18.06	15.12	16.71	18.16	14.70	16.58	18.06	14.33	16.18	18.00	13.58	16.10
9	18.16	14.97	16.71	18.22	14.59	16.57	18.14	13.85	16.04	18.48	14.07	16.52
10	18.14	15.11	16.79	18.20	14.57	16.56	17.91	13.48	15.87	18.60	14.65	16.82
11	18.17	15.08	16.72	17.84	14.28	16.15	17.92	13.74	15.99	18.32	14.68	16.58
12	18.11	15.00	16.62	17.66	13.58	15.78	18.34	14.48	16.47	18.05	14.47	16.42
13	17.99	14.67	16.44	17.85	14.02	15.97	18.36	14.73	16.55	18.20	14.91	16.64
14	18.08	14.81	16.52	17.87	14.13	16.08	17.81	14.15	16.08	17.93	13.43	16.08
15	18.23	14.96	16.73	17.87	14.40	16.18	18.07	14.50	16.39	17.00	13.49	15.32
16	18.21	15.25	16.77	17.30	13.75	15.69	18.04	14.87	16.56	17.62	13.99	16.20
17	17.90	14.64	16.38	17.64	13.99	15.87	18.26	14.76	16.77	18.30	14.16	16.39
18	17.74	14.22	16.06	17.80	14.37	16.32	18.44	14.66	16.81	17.70	13.62	16.03
19	17.83	14.16	16.14	17.82	13.85	16.10	18.31	14.37	16.56	17.55	13.75	15.85
20	18.07	14.21	16.33	18.02	13.29	16.13	18.25	14.34	16.51	17.60	13.12	15.51
21	18.23	14.34	16.51	18.34	14.20	16.51	18.58	14.43	16.63	17.96	12.70	15.78
22	18.41	14.42	16.60	18.44	14.09	16.55	18.17	14.07	16.17	17.51	13.28	15.42
23	18.24	14.24	16.56	18.57	14.33	16.66	18.07	13.37	16.09	17.09	12.65	14.98
24	18.21	14.05	16.43	18.50	14.35	16.60	18.32	14.70	16.59	16.63	12.39	14.59
25	18.33	14.09	16.44	18.16	14.16	16.28	17.82	14.31	16.11	16.53	12.09	14.52
26	18.53	14.45	16.64	17.91	13.97	16.08	18.10	14.14	16.24	16.42	11.62	14.48
27	18.38	14.43	16.56	17.69	14.08	15.98	17.87	14.47	16.19	16.52	13.30	14.99
28	18.43	14.34	16.51	17.60	14.15	15.84	17.56	13.94	15.84	16.78	13.85	15.34
29	18.11	14.19	16.26	17.13	13.74	15.44	17.16	14.18	15.68	16.66	14.03	15.44
30	17.65	14.22	16.02	17.20	14.06	15.77	16.82	13.94	15.53	16.94	13.78	15.50
31	17.69	14.26	16.15	---	---	---	16.95	14.33	15.74	17.17	13.09	15.34
MONTH	18.53	14.00	16.43	18.57	13.29	16.29	18.58	13.17	16.18	18.60	11.62	15.81
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.86	13.01	15.24	18.02	14.80	16.53	---	---	---	17.61	13.67	15.88
2	17.28	12.98	15.55	17.54	13.74	15.89	---	---	---	17.79	13.35	15.81
3	17.67	13.35	16.13	17.38	13.74	16.00	---	---	---	18.07	13.35	15.85
4	18.49	14.53	16.80	18.03	14.60	16.42	17.80	13.45	15.80	18.67	13.99	16.35
5	19.03	14.96	17.22	17.94	14.17	16.16	18.25	13.54	15.96	18.40	14.22	16.49
6	18.97	15.46	17.18	18.23	13.09	16.09	17.68	12.43	15.61	18.14	13.18	15.92
7	18.61	14.57	16.73	18.41	14.56	16.65	17.49	12.66	15.32	17.87	12.87	15.52
8	18.38	14.64	16.61	17.98	14.01	16.26	17.52	12.54	15.19	17.87	13.63	15.75
9	18.32	14.94	16.68	17.97	13.55	15.91	17.32	12.51	15.03	18.27	14.15	16.26
10	18.26	15.03	16.71	17.92	14.07	16.11	17.42	13.49	15.51	17.64	14.19	15.98
11	18.39	15.35	17.06	17.96	13.45	15.81	17.36	13.47	15.44	17.55	14.39	16.15
12	18.71	13.65	16.10	17.57	12.58	15.27	17.03	13.28	15.17	17.41	14.33	16.03
13	17.29	13.94	15.52	16.75	13.12	15.05	16.82	13.38	15.32	17.10	13.76	15.63
14	17.67	14.31	16.01	16.99	12.67	15.09	17.05	13.85	15.66	17.06	13.69	15.58
15	17.95	14.43	16.13	16.77	13.14	15.21	17.09	13.72	15.58	17.65	13.72	15.82
16	18.00	14.32	16.24	16.99	13.48	15.52	17.05	13.57	15.50	18.28	14.49	16.36
17	17.98	14.20	16.18	17.73	13.96	16.10	17.32	13.44	15.53	18.16	14.57	16.43
18	17.84	14.20	16.21	17.76	14.07	15.88	17.36	13.57	15.66	18.20	14.52	16.24
19	18.13	14.54	16.38	17.25	13.71	15.51	17.36	13.29	15.41	18.24	14.57	16.27
20	18.09	14.55	16.45	16.99	13.31	15.34	17.02	12.47	15.00	17.89	14.35	16.19
21	18.21	15.04	16.63	17.52	13.23	15.53	16.95	12.47	14.86	17.96	14.02	15.89
22	17.82	14.57	16.28	17.43	14.06	15.94	16.96	12.82	14.93	17.63	14.33	16.00
23	17.63	14.48	16.05	17.17	13.56	15.51	17.20	13.16	15.11	17.77	14.22	15.95
24	17.64	14.52	16.02	17.03	12.55	15.02	17.19	13.52	15.34	17.82	14.23	15.86
25	17.33	14.20	15.68	16.93	12.88	14.97	17.27	13.54	15.30	17.46	14.25	15.97
26	17.30	13.84	15.52	17.07	13.78	15.55	17.00	13.66	15.36	17.72	14.63	16.16
27	17.21	14.20	15.61	17.31	13.65	15.53	17.16	13.66	15.37	17.53	14.34	16.06
28	17.21	15.23	16.23	---	---	---	16.80	13.57	15.21	17.43	13.71	15.83
29	---	---	---	---	---	---	17.13	13.83	15.71	17.52	13.28	15.72
30	---	---	---	---	---	---	17.50	13.95	15.98	18.12	14.09	16.30
31	---	---	---	---	---	---	---	---	---	18.18	14.11	16.40
MONTH	19.03	12.98	16.26	---	---	---	---	---	---	18.67	12.87	16.02

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), 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	17.90	13.21	15.92	18.01	12.80	15.71	18.03	14.06	16.17	17.85	14.36	16.25
2	18.07	12.72	15.67	18.03	13.03	15.69	18.43	14.25	16.20	17.66	14.30	16.07
3	18.12	12.95	15.78	17.72	12.93	15.58	18.44	15.20	16.99	17.33	13.97	15.86
4	18.05	13.34	15.90	17.62	13.28	15.56	18.49	15.27	16.99	17.20	13.80	15.67
5	18.00	13.29	15.77	17.63	13.15	15.49	18.32	15.35	16.96	17.18	13.66	15.63
6	17.82	13.52	15.70	17.39	13.39	15.37	---	---	16.35	17.09	13.54	15.57
7	17.66	14.06	15.83	17.02	13.01	15.02	---	---	16.32	17.07	13.51	15.52
8	17.64	14.10	15.94	16.69	12.87	15.13	17.62	14.16	16.16	17.19	13.80	15.60
9	17.19	13.90	15.84	17.12	13.43	15.53	17.65	14.29	16.19	17.18	13.74	15.55
10	17.14	13.73	15.69	17.17	13.47	15.55	17.80	14.19	16.11	17.69	13.37	15.70
11	16.91	13.42	15.45	17.02	13.20	15.41	17.93	14.25	16.19	17.59	13.05	15.62
12	16.92	13.16	15.33	17.44	13.66	15.73	18.23	14.21	16.26	18.60	14.15	16.42
13	17.45	13.16	15.39	17.43	13.60	15.72	17.67	13.61	15.89	18.55	14.61	16.79
14	17.81	13.98	15.93	17.39	13.41	15.55	17.75	12.98	15.55	18.43	14.30	16.62
15	17.57	13.93	15.81	17.75	13.16	15.57	---	---	15.46	18.39	14.92	16.82
16	17.31	13.01	15.38	17.82	13.37	15.70	---	---	15.45	18.28	14.60	16.66
17	17.53	13.00	15.26	18.22	13.85	15.98	---	---	15.56	18.22	14.41	16.57
18	17.34	12.96	15.25	18.36	14.15	16.34	---	---	15.65	18.30	14.60	16.64
19	17.26	12.79	14.99	18.18	14.24	16.36	---	---	15.87	18.31	14.34	16.53
20	17.33	13.19	15.22	18.08	13.87	16.09	---	---	15.93	18.30	14.20	16.52
21	17.37	13.30	15.29	17.99	13.86	15.98	---	---	16.81	18.15	14.26	16.45
22	17.39	13.62	15.51	17.78	13.87	15.76	18.87	15.48	17.31	18.19	14.57	16.54
23	17.42	13.74	15.60	17.38	13.37	15.67	18.96	15.61	17.39	18.07	14.52	16.51
24	17.32	13.78	15.62	17.83	13.87	16.36	19.02	15.60	17.38	18.32	14.38	16.44
25	17.27	13.62	15.58	19.09	15.01	17.13	18.60	15.06	16.99	18.51	14.67	16.67
26	17.24	12.99	15.46	17.88	14.24	16.31	18.16	14.19	16.37	18.54	15.23	16.97
27	17.95	14.01	16.13	18.09	13.37	15.92	18.41	14.27	16.45	18.08	14.71	16.73
28	18.11	14.06	16.39	18.00	13.62	15.94	18.64	14.50	16.57	17.98	14.14	16.16
29	18.17	13.85	16.31	18.27	13.66	16.05	18.58	14.90	16.79	18.01	14.52	16.49
30	17.91	13.24	16.00	18.33	13.84	16.18	18.72	15.02	16.80	17.87	14.58	16.36
31	---	---	---	18.28	14.02	16.20	18.11	14.33	16.41	---	---	---
MONTH	18.17	12.72	15.66	19.09	12.80	15.83	---	---	16.37	18.60	13.05	16.26

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.74	14.47	16.27	18.47	15.52	16.92	18.15	14.10	16.25	16.94	12.79	15.10
2	17.84	14.67	16.38	17.74	14.68	16.24	17.25	13.39	15.45	17.41	13.52	15.59
3	17.70	14.29	16.17	18.23	14.73	16.53	17.24	12.97	15.35	17.13	13.68	15.47
4	17.35	14.12	15.86	17.63	14.54	16.28	17.26	13.73	15.56	16.98	13.22	15.29
5	17.12	13.93	15.79	17.43	13.63	15.46	17.15	13.86	15.55	17.30	11.95	15.11
6	17.64	13.93	15.81	17.34	13.83	15.65	16.80	13.49	15.29	17.03	12.41	15.09
7	17.57	14.49	16.13	17.57	14.14	15.99	17.04	13.71	15.65	17.06	12.35	15.22
8	18.21	15.47	16.82	17.85	13.77	15.97	17.52	13.70	15.97	17.75	12.60	15.76
9	18.07	15.07	16.68	17.99	14.56	16.46	17.62	13.41	15.68	17.68	12.78	15.40
10	18.31	14.87	16.71	18.06	14.53	16.47	17.64	12.76	15.51	17.54	12.35	15.44
11	18.25	14.44	16.53	18.00	13.88	16.17	17.76	12.51	15.67	18.05	13.68	16.06
12	18.62	14.63	16.71	17.98	13.33	15.96	17.94	13.48	15.91	18.07	13.91	16.12
13	18.80	15.29	17.25	18.12	13.59	16.04	18.08	13.36	16.01	17.10	12.77	15.11
14	18.80	15.23	17.18	18.16	13.61	16.05	16.89	12.20	14.98	17.39	12.99	15.28
15	18.51	14.63	16.78	17.99	13.45	15.96	18.07	13.26	15.83	17.18	12.94	15.28
16	18.49	14.61	16.67	18.01	14.03	16.13	17.47	13.50	15.52	17.08	13.47	15.51
17	18.35	14.20	16.54	17.73	13.79	15.83	16.93	12.80	15.08	16.68	13.50	15.24
18	18.46	14.97	16.83	17.34	13.31	15.51	16.60	12.73	14.90	16.51	13.56	15.16
19	18.14	14.97	16.60	17.32	13.89	15.76	16.66	13.53	15.33	16.91	12.77	15.47
20	17.90	14.24	16.20	17.06	13.72	15.66	16.89	13.53	15.56	16.15	13.03	14.61
21	17.78	14.25	16.19	17.10	13.83	15.64	16.59	13.27	15.15	16.54	13.09	15.17
22	17.88	14.67	16.40	17.65	13.76	15.96	16.85	13.22	15.34	17.04	13.27	15.35
23	17.93	14.62	16.44	17.72	13.49	15.99	16.59	13.02	14.90	16.89	13.12	15.39
24	17.96	14.52	16.38	17.81	14.70	16.37	16.67	12.66	14.95	17.91	13.91	16.20
25	18.16	14.65	16.46	17.80	14.37	16.22	16.63	12.42	14.61	17.89	14.53	16.30
26	18.29	14.92	16.76	17.87	14.29	16.06	16.33	11.65	14.56	17.83	14.03	15.89
27	18.29	15.39	16.94	17.51	13.86	15.72	16.52	11.92	14.77	17.03	12.18	14.62
28	18.06	14.85	16.58	17.52	13.45	15.68	16.53	12.27	14.69	16.78	10.98	14.42
29	18.45	15.03	16.95	17.47	13.59	15.75	17.17	12.27	14.97	17.18	12.60	15.06
30	18.65	15.69	17.28	17.64	14.00	15.87	16.96	12.00	14.83	17.00	12.07	14.97
31	18.33	15.31	16.95	---	---	---	16.98	12.73	15.11	17.05	13.34	15.32
MONTH	18.80	13.93	16.56	18.47	13.31	16.01	18.15	11.65	15.32	18.07	10.98	15.35

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.90	12.94	15.10	17.87	13.43	15.78	17.10	13.44	15.30	17.67	14.20	15.99
2	16.74	12.29	14.82	17.19	13.48	15.52	17.16	14.12	15.72	17.04	13.61	15.63
3	16.65	12.51	14.86	16.94	12.53	14.98	17.34	13.92	15.76	17.58	14.34	16.07
4	16.99	12.76	15.23	16.71	13.23	15.11	17.34	14.11	15.93	17.34	14.10	15.97
5	17.14	12.79	15.30	16.76	13.58	15.39	17.30	13.67	15.65	17.04	13.42	15.53
6	17.16	12.46	15.47	17.09	12.82	15.24	16.98	13.11	15.31	17.26	12.73	15.19
7	17.43	13.31	15.61	16.92	12.42	15.20	17.53	13.20	15.45	17.41	13.06	15.28
8	17.51	12.82	15.63	17.21	12.64	15.46	17.64	13.56	15.67	17.32	13.29	15.33
9	17.74	13.53	15.81	17.24	13.17	15.39	17.69	13.26	15.61	18.38	14.03	16.14
10	17.85	13.60	15.98	16.91	12.67	14.98	17.83	13.96	15.94	18.16	14.82	16.49
11	17.64	13.51	15.82	17.06	12.27	14.84	17.86	14.19	15.97	18.13	14.53	16.34
12	17.33	13.27	15.55	16.95	12.77	15.13	17.78	13.79	15.69	17.86	14.17	15.96
13	17.30	13.26	15.31	16.88	13.09	15.16	17.39	14.04	15.73	17.77	14.69	16.16
14	17.34	14.20	15.93	17.27	13.57	15.59	17.40	14.53	15.91	17.74	14.57	16.09
15	17.08	13.17	15.03	17.23	13.13	15.05	17.62	14.44	15.98	17.61	14.58	16.01
16	16.78	14.17	15.44	16.60	13.51	15.07	17.34	13.89	15.44	17.45	14.45	15.85
17	16.86	14.24	15.51	16.57	13.89	15.17	16.67	14.37	15.56	17.20	14.07	15.74
18	16.94	13.95	15.58	16.63	13.90	15.27	17.16	14.60	15.96	17.19	14.01	15.86
19	16.85	14.21	15.66	16.69	13.34	15.32	17.50	14.78	16.36	17.63	14.13	16.07
20	17.15	14.29	16.03	16.08	13.49	14.82	17.64	14.77	16.33	17.76	13.94	16.14
21	17.75	14.75	16.38	16.56	13.45	15.30	17.82	14.72	16.44	18.12	13.73	16.16
22	17.38	14.24	15.88	16.73	14.06	15.58	17.77	14.09	16.12	18.29	13.48	16.06
23	17.69	13.93	16.11	17.29	13.71	15.74	18.34	14.06	16.31	18.43	13.63	16.15
24	18.05	14.22	16.31	17.36	13.24	15.56	18.23	13.76	16.30	18.25	13.12	15.94
25	17.79	13.89	15.97	17.71	13.25	15.71	18.31	13.74	16.22	18.33	13.31	15.93
26	17.97	14.20	16.31	17.66	13.46	15.74	18.28	14.03	16.23	18.34	14.18	16.31
27	17.85	13.29	15.74	17.77	13.44	15.73	18.34	14.40	16.37	18.35	14.47	16.46
28	17.76	13.55	15.89	18.08	13.56	16.01	18.26	14.47	16.44	18.14	14.48	16.32
29	---	---	---	18.14	13.65	15.98	18.03	14.29	16.15	17.84	14.29	16.15
30	---	---	---	17.59	13.41	15.56	17.69	14.32	16.07	17.81	14.42	16.44
31	---	---	---	17.39	13.08	15.29	---	---	---	17.70	14.40	16.35
MONTH	18.05	12.29	15.65	18.14	12.27	15.38	18.34	13.11	15.93	18.43	12.73	16.00

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.68	14.41	16.28	17.59	13.54	15.80	17.54	13.50	15.64	18.25	14.69	16.46
2	17.65	13.85	16.03	17.66	13.45	15.61	17.48	13.49	15.58	18.31	14.83	16.63
3	18.39	14.84	16.61	17.73	13.13	15.51	17.14	12.68	15.17	18.34	14.46	16.46
4	18.26	15.06	16.80	18.30	14.57	16.38	17.39	12.64	15.10	18.37	14.84	16.63
5	18.18	14.58	16.47	17.94	14.48	16.33	17.69	13.06	15.42	18.46	14.99	16.75
6	18.19	14.52	16.43	17.81	13.80	15.92	17.57	13.36	15.62	18.41	15.10	16.85
7	17.99	14.20	16.18	17.56	13.73	15.69	17.46	13.34	15.49	18.43	15.11	16.86
8	17.57	13.76	15.81	17.47	13.66	15.54	17.29	13.31	15.36	18.19	14.75	16.65
9	17.56	13.90	15.63	17.33	13.38	15.43	17.05	13.00	15.13	17.85	14.37	16.32
10	17.83	14.34	15.98	17.36	13.35	15.26	16.97	12.95	15.22	18.15	14.21	16.34
11	17.84	14.13	15.93	17.43	13.87	15.59	17.01	12.97	15.28	17.48	13.53	15.68
12	17.45	13.87	15.57	17.35	13.60	15.50	17.07	13.11	15.38	17.20	12.92	15.34
13	17.07	13.58	15.36	16.96	13.13	15.11	17.26	13.23	15.48	17.73	12.88	15.56
14	16.97	13.59	15.39	16.74	12.43	14.93	17.64	13.55	15.69	17.79	13.67	15.97
15	17.23	13.86	15.72	17.19	12.78	15.28	17.86	13.31	15.85	18.04	13.71	16.10
16	17.29	13.64	15.79	17.37	12.75	15.39	18.25	13.58	16.08	18.21	13.92	16.20
17	17.38	13.17	15.65	17.49	12.51	15.39	18.01	13.59	16.05	18.56	14.55	16.62
18	17.94	13.25	15.81	17.70	12.30	15.38	18.12	12.82	15.63	18.33	14.79	16.73
19	18.44	14.10	16.48	18.00	12.49	15.58	18.31	14.05	16.10	17.92	14.59	16.47
20	18.46	13.59	16.29	18.19	13.51	16.00	18.21	14.24	16.43	17.68	14.19	16.14
21	18.96	13.85	16.43	18.15	13.79	16.23	18.21	13.88	16.13	17.30	13.65	15.74
22	18.64	14.54	16.90	18.00	14.00	16.15	17.67	13.60	15.81	17.32	13.82	15.80
23	18.33	14.02	16.42	17.94	13.88	16.04	17.74	14.12	16.23	17.47	14.21	16.00
24	18.26	14.11	16.20	17.84	13.98	16.07	17.64	14.19	16.15	17.15	14.05	15.76
25	18.14	14.10	16.10	17.90	14.21	16.10	17.77	14.45	16.28	16.83	13.34	15.23
26	18.17	14.70	16.56	17.55	13.90	15.87	17.30	14.24	15.99	16.83	13.16	15.11
27	18.16	14.68	16.41	17.33	13.27	15.63	16.99	13.65	15.58	17.16	13.23	15.29
28	17.64	14.15	16.07	17.01	13.41	15.49	16.59	13.11	15.16	17.28	13.77	15.62
29	17.20	13.68	15.81	16.98	13.50	15.43	17.74	14.66	16.11	17.50	14.29	16.00
30	17.56	13.42	15.76	17.22	13.40	15.50	17.88	14.93	16.45	17.71	13.73	15.88
31	---	---	---	17.33	13.85	15.72	17.99	14.58	16.29	---	---	---
MONTH	18.96	13.17	16.10	18.30	12.30	15.67	18.31	12.64	15.74	18.56	12.88	16.11
YEAR	18.96	10.98	15.82									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.77	13.89	15.93	18.16	14.73	16.62	19.03	14.89	17.25	19.31	14.73	17.00
2	17.85	13.83	15.86	18.24	14.42	16.45	18.99	15.01	17.06	17.87	13.71	15.76
3	17.47	13.78	15.83	18.36	14.11	16.54	18.04	13.84	15.98	17.94	12.86	15.69
4	17.46	13.46	15.65	18.60	14.61	16.77	18.02	12.91	15.71	18.29	14.00	16.31
5	17.43	13.10	15.57	18.38	14.52	16.55	17.91	13.34	15.82	18.19	15.09	16.76
6	17.79	13.04	15.80	17.96	13.96	16.09	17.71	13.72	15.87	17.89	14.59	16.41
7	18.09	14.50	16.41	18.00	13.76	16.11	17.43	13.56	15.68	17.60	13.38	15.80
8	18.25	14.87	16.58	18.18	14.28	16.32	17.31	13.63	15.63	16.88	14.02	15.62
9	17.89	13.84	16.09	17.71	14.04	15.97	17.22	13.94	15.75	17.31	14.04	15.87
10	17.97	13.78	16.12	17.43	13.65	15.83	17.30	13.78	15.71	17.30	13.56	15.61
11	17.83	14.77	16.42	17.72	14.48	16.38	17.53	13.82	15.97	16.14	13.00	14.63
12	18.24	14.54	16.48	17.53	14.16	16.01	17.48	13.90	15.99	16.63	12.35	14.86
13	18.54	14.60	16.75	17.71	14.07	16.10	17.46	13.93	15.96	17.08	12.58	15.31
14	17.87	14.42	16.43	18.18	14.40	16.51	17.85	14.40	16.30	17.54	13.49	15.53
15	18.09	13.68	16.01	18.10	14.73	16.42	17.77	14.35	16.16	17.10	13.07	15.32
16	18.02	14.26	16.33	17.88	14.07	16.11	17.61	14.11	16.02	17.55	13.26	15.73
17	18.02	14.34	16.30	18.15	13.85	16.27	17.68	14.17	16.06	17.80	14.11	16.02
18	17.70	13.99	15.97	18.42	14.54	16.67	17.92	14.61	16.25	18.32	14.85	16.62
19	17.61	13.89	15.97	18.03	14.60	16.49	17.87	13.90	15.94	17.60	14.02	15.71
20	17.91	14.26	16.17	18.92	15.48	17.19	17.87	14.61	16.26	17.30	13.01	15.31
21	17.86	14.26	16.09	17.80	14.46	16.17	17.89	14.92	16.45	17.13	14.12	15.66
22	17.44	14.16	15.89	17.82	14.56	16.25	17.91	14.92	16.48	17.60	14.13	16.17
23	17.44	14.07	15.83	17.89	14.84	16.30	17.91	15.14	16.51	16.66	12.60	14.72
24	17.19	13.87	15.62	17.36	14.33	15.87	17.75	14.77	16.27	16.75	12.97	15.07
25	17.28	14.32	15.78	17.16	14.39	15.83	17.26	13.82	15.69	17.14	13.61	15.63
26	17.43	14.78	16.09	17.36	14.16	16.04	17.11	13.95	15.66	17.52	13.66	15.72
27	17.35	14.55	16.00	17.08	13.58	15.61	17.81	14.17	16.34	17.77	13.73	16.03
28	17.20	13.62	15.61	17.60	13.50	16.09	18.14	14.57	16.51	17.85	13.68	16.03
29	17.53	13.68	15.76	17.99	14.21	16.35	18.36	14.15	16.58	18.44	13.90	16.32
30	17.68	14.18	16.02	18.27	14.05	16.63	18.40	14.02	16.20	17.77	13.26	15.71
31	18.22	14.23	16.56	---	---	---	18.29	12.99	15.99	17.39	12.53	15.16
MONTH	18.54	13.04	16.06	18.92	13.50	16.28	19.03	12.91	16.13	19.31	12.35	15.74

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.80	13.05	15.60	18.54	14.51	16.66	17.28	13.27	15.36	17.39	13.52	15.38
2	17.48	13.55	15.66	17.64	13.66	15.82	17.30	13.35	15.39	17.42	13.79	15.49
3	17.36	13.73	15.69	17.68	13.60	15.79	17.19	13.62	15.37	17.13	13.55	15.27
4	17.27	14.16	15.81	17.42	13.51	15.49	16.44	12.05	14.27	16.91	14.01	15.37
5	17.50	14.55	16.07	17.39	14.07	15.68	15.88	12.94	14.44	17.17	14.85	15.92
6	17.58	14.89	16.25	17.05	13.90	15.47	16.25	13.57	14.95	17.37	14.55	16.01
7	17.76	14.59	16.34	17.16	14.20	15.68	16.12	13.73	15.06	17.15	14.42	15.94
8	17.52	13.20	15.95	17.17	13.73	15.63	16.42	13.32	15.12	17.39	14.18	15.93
9	16.14	12.86	14.64	16.56	13.18	15.10	16.48	13.36	15.13	17.58	14.66	16.24
10	16.72	13.29	15.27	17.04	13.30	15.56	17.31	13.91	15.68	17.30	13.45	15.67
11	16.70	12.86	14.99	17.48	14.59	16.36	17.00	13.54	15.56	17.98	13.50	15.80
12	17.04	12.85	15.13	17.55	14.55	16.00	16.70	12.34	14.94	18.11	13.83	16.05
13	17.33	12.49	15.42	17.66	13.96	16.02	17.31	12.06	14.79	18.26	13.85	16.02
14	17.28	13.44	15.54	17.87	14.35	16.35	17.96	13.07	15.44	18.07	13.61	15.93
15	17.57	13.29	15.64	18.07	14.39	16.31	18.36	14.07	16.33	17.94	13.80	15.94
16	18.87	14.56	16.94	17.66	13.88	15.86	18.31	14.05	16.16	17.96	13.47	15.66
17	17.98	14.49	16.37	18.08	14.38	16.33	17.94	13.69	15.91	17.87	13.94	15.92
18	17.65	13.90	15.83	18.07	14.43	16.35	17.92	14.15	16.02	17.77	13.93	15.85
19	17.25	13.73	15.56	18.07	14.42	16.39	17.77	13.98	15.83	17.50	13.69	15.72
20	17.13	14.01	15.55	18.07	14.74	16.56	17.64	14.34	16.02	17.20	13.46	15.59
21	17.46	14.49	16.02	18.20	14.02	16.10	17.68	14.62	16.24	17.72	14.23	16.16
22	17.74	14.89	16.42	17.77	14.45	16.17	17.81	14.40	16.34	17.97	14.12	16.30
23	16.99	12.11	15.09	17.93	14.76	16.49	17.80	14.45	16.35	18.19	14.05	16.25
24	17.13	12.16	15.40	18.00	14.89	16.65	17.72	14.07	16.25	17.92	13.73	15.98
25	17.72	13.11	15.83	18.11	14.93	16.77	17.49	13.80	15.89	17.64	13.15	15.66
26	17.96	13.57	16.16	18.16	14.78	16.72	17.74	13.49	15.74	17.78	13.44	15.66
27	18.58	14.20	16.62	18.16	14.52	16.62	18.38	14.20	16.32	18.27	14.11	16.04
28	18.60	14.77	16.80	17.81	13.77	16.10	18.26	14.66	16.56	18.05	14.31	16.22
29	---	---	---	18.00	13.85	16.05	18.15	14.65	16.43	17.89	14.49	16.13
30	---	---	---	18.13	14.50	16.41	17.93	13.79	15.77	17.80	13.90	15.77
31	---	---	---	17.82	13.38	15.56	---	---	---	17.49	13.61	15.46
MONTH	18.87	12.11	15.81	18.54	13.18	16.10	18.38	12.05	15.66	18.27	13.15	15.85

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.28	13.89	15.49	17.05	13.56	15.31	17.09	13.29	15.43	17.53	13.82	15.77
2	17.05	13.65	15.26	16.99	13.50	15.34	17.13	13.16	15.35	17.86	13.56	15.87
3	16.89	13.61	15.25	16.95	13.67	15.41	17.33	13.10	15.44	18.31	14.00	16.26
4	17.09	13.89	15.63	16.83	13.06	15.18	17.57	12.71	15.42	19.14	14.43	16.90
5	17.70	13.95	15.47	17.20	12.53	15.23	17.47	12.57	15.29	20.31	17.16	18.62
6	17.55	14.26	16.15	17.49	12.73	15.35	17.57	12.38	15.26	20.19	17.66	18.93
7	17.61	13.68	15.93	17.86	13.02	15.63	18.27	12.79	15.69	19.31	17.26	18.30
8	17.96	13.27	15.79	18.25	13.38	15.61	18.16	13.24	15.91	18.64	15.14	17.19
9	17.69	12.44	15.43	18.29	13.35	15.95	18.07	13.66	16.01	18.10	14.62	16.51
10	18.02	12.05	15.26	18.25	13.17	15.84	17.87	13.61	15.84	17.96	14.04	16.23
11	18.59	13.52	16.07	18.24	13.24	15.90	18.25	13.61	15.92	17.93	13.88	16.20
12	18.38	13.99	16.24	18.24	13.60	15.97	18.32	14.39	16.66	17.50	14.00	15.83
13	18.02	13.08	15.70	18.24	14.06	16.19	18.48	15.03	16.94	17.41	13.60	15.66
14	17.76	12.61	15.35	18.35	14.01	16.20	18.21	14.62	16.72	17.68	13.58	15.81
15	17.54	12.99	15.36	18.02	13.89	16.06	17.61	14.22	16.07	17.39	13.73	15.69
16	17.64	13.29	15.56	17.80	13.96	16.12	17.48	13.52	15.72	17.11	14.05	15.75
17	17.50	13.26	15.66	18.35	14.13	16.54	17.64	13.51	15.82	17.06	13.79	15.51
18	17.36	13.06	15.65	17.69	14.27	16.26	17.39	13.65	15.71	17.22	13.28	15.35
19	17.86	13.52	16.01	17.85	13.80	16.03	17.41	13.67	15.65	17.26	13.24	15.36
20	17.69	14.04	16.08	17.77	13.62	15.84	17.71	13.85	15.80	17.64	14.05	15.88
21	17.52	12.91	15.48	17.53	13.47	15.70	17.89	13.95	15.92	17.82	14.44	16.24
22	17.57	13.00	15.38	17.70	13.82	15.78	17.63	13.98	15.93	18.00	14.37	16.19
23	17.77	13.06	15.52	17.91	14.31	16.05	17.22	13.35	15.45	17.83	14.20	16.24
24	17.54	13.16	15.36	18.43	14.51	16.30	17.82	13.83	15.74	17.93	14.29	16.34
25	18.11	14.09	15.86	17.94	14.49	16.28	17.80	14.20	16.05	17.91	14.29	16.29
26	17.93	14.18	16.12	17.52	14.22	15.91	17.58	14.15	15.93	17.81	13.98	15.96
27	17.55	13.40	15.56	17.05	13.38	15.33	17.22	13.78	15.67	17.85	13.89	16.05
28	17.47	13.98	15.63	17.06	13.34	15.19	16.87	13.29	15.35	18.15	14.11	16.26
29	17.46	14.02	15.66	17.39	13.38	15.47	16.86	12.90	15.07	17.91	13.88	15.94
30	17.27	14.01	15.57	17.32	14.09	15.88	17.33	13.51	15.48	17.27	13.76	15.58
31	---	---	---	17.38	13.96	15.72	17.42	13.61	15.78	---	---	---
MONTH	18.59	12.05	15.65	18.43	12.53	15.79	18.48	12.38	15.77	20.31	13.24	16.29
YEAR	20.31	12.05	15.93									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.27	13.10	15.33	17.54	13.52	15.72	17.46	13.83	15.83	17.41	13.43	15.57
2	17.46	13.47	15.69	17.91	13.94	16.17	17.08	13.10	15.48	17.22	13.17	15.70
3	17.14	13.55	15.63	17.99	14.24	16.31	17.58	13.15	15.55	18.07	14.13	16.37
4	17.57	13.24	15.60	18.24	14.06	16.41	16.95	12.94	14.94	17.99	14.32	16.06
5	18.08	13.32	15.92	18.22	14.45	16.49	17.48	12.44	15.22	17.41	13.05	15.41
6	18.03	13.74	16.09	18.03	13.91	16.31	17.57	12.89	15.36	17.27	13.28	15.36
7	17.31	12.83	15.49	17.78	14.00	15.96	17.41	12.90	15.37	17.50	13.80	15.79
8	17.48	12.49	15.31	17.75	13.79	15.79	17.70	13.61	15.74	17.24	13.69	15.51
9	17.64	12.85	15.56	17.44	13.65	15.63	17.11	13.68	15.54	16.89	13.43	15.29
10	17.32	13.30	15.51	17.43	14.12	15.74	17.31	13.55	15.51	16.99	14.00	15.55
11	17.43	13.54	15.62	16.99	13.82	15.46	17.14	13.15	15.30	17.14	14.27	15.79
12	17.59	13.90	15.91	17.32	14.11	15.74	16.49	13.39	15.03	17.16	13.99	15.73
13	17.71	14.71	16.21	17.49	14.76	16.10	16.59	13.46	15.12	17.02	12.78	15.24
14	17.92	15.12	16.50	17.31	14.49	16.00	16.67	13.94	15.47	16.64	14.09	15.39
15	17.94	15.56	16.78	17.05	14.26	15.81	17.00	12.69	15.44	17.71	14.10	15.98
16	17.92	15.46	16.72	17.32	14.57	16.09	16.26	11.80	14.55	17.94	13.95	16.15
17	17.83	14.98	16.57	17.70	14.55	16.35	16.44	12.07	14.78	17.83	13.34	15.90
18	17.79	14.69	16.32	17.32	13.93	15.76	17.63	12.90	15.63	17.65	12.80	15.62
19	17.94	14.87	16.41	17.83	13.61	16.15	17.68	13.30	15.75	18.07	13.15	15.97
20	17.92	14.70	16.43	18.27	14.34	16.37	17.68	13.12	15.57	18.04	13.27	15.90
21	17.72	14.39	16.13	17.89	13.19	15.90	17.39	12.35	15.22	17.89	12.93	15.67
22	18.21	14.05	16.52	18.25	13.63	16.09	17.91	12.74	15.71	17.85	13.22	15.81
23	18.21	14.42	16.36	18.08	13.71	15.95	18.14	13.40	15.96	17.54	13.23	15.47
24	18.09	14.17	16.27	17.77	13.10	15.63	18.04	13.66	15.93	17.19	13.23	15.40
25	17.82	13.93	15.80	17.66	13.06	15.56	17.75	13.32	15.78	17.30	13.80	15.62
26	18.64	14.01	16.41	17.66	13.60	15.74	17.26	12.97	15.25	16.48	12.29	14.48
27	18.03	14.82	16.49	17.61	13.79	15.92	16.98	13.06	15.31	16.50	13.11	14.95
28	17.61	13.76	15.73	17.81	14.72	16.42	17.46	14.28	16.00	16.82	12.78	15.03
29	18.00	14.31	16.06	17.74	14.29	16.22	17.04	12.77	15.05	16.75	12.99	15.12
30	17.47	13.98	15.74	17.64	14.07	16.18	17.17	13.82	15.79	16.86	13.10	15.03
31	17.33	13.35	15.56	---	---	---	17.46	13.66	15.72	16.80	12.57	14.99
MONTH	18.64	12.49	16.02	18.27	13.06	16.00	18.14	11.80	15.45	18.07	12.29	15.54

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.00	12.63	15.09	17.72	14.00	16.04	17.49	13.40	15.46	17.80	13.77	15.74
2	16.95	12.62	15.12	17.87	14.16	16.07	17.32	13.41	15.42	17.87	13.96	15.96
3	16.95	12.75	15.13	17.49	13.67	15.67	17.69	13.36	15.46	17.98	13.76	15.93
4	17.69	13.47	15.64	17.39	13.54	15.65	17.77	13.44	15.61	17.86	13.68	15.85
5	17.65	12.79	15.68	17.48	13.24	15.25	17.70	13.71	15.64	17.85	13.24	15.59
6	17.24	13.56	15.41	17.58	14.09	15.89	17.59	13.85	15.66	17.26	13.19	15.40
7	17.35	13.49	15.44	17.43	14.07	15.89	16.76	12.49	14.79	17.31	13.90	15.68
8	16.84	13.68	15.38	17.26	13.45	15.41	16.94	13.91	15.58	17.65	14.26	16.02
9	16.83	13.94	15.45	17.03	13.68	15.32	17.53	14.49	16.03	17.74	14.22	16.06
10	17.03	14.24	15.68	17.05	12.40	15.03	17.64	14.48	16.15	17.55	13.94	16.03
11	17.38	14.57	16.05	17.02	14.43	15.72	17.75	14.84	16.43	17.82	13.27	15.87
12	17.33	12.03	15.12	17.28	13.76	15.69	17.96	14.39	16.59	17.92	13.71	16.02
13	15.92	12.71	14.55	17.26	12.58	15.32	17.85	14.39	16.36	17.74	13.16	15.78
14	17.06	13.13	15.38	16.81	12.64	15.24	18.35	14.40	16.74	17.74	12.80	15.55
15	17.57	12.77	15.68	17.37	12.97	15.47	18.58	14.48	16.69	18.30	13.44	15.86
16	16.92	12.35	14.86	17.44	12.56	15.41	18.27	14.23	16.44	17.97	13.77	16.01
17	17.91	12.01	15.55	17.50	12.75	15.52	18.20	13.91	16.18	17.57	13.67	15.62
18	17.97	12.89	15.79	18.08	12.95	15.63	17.92	13.76	16.09	17.51	13.69	15.61
19	18.15	13.69	16.07	17.61	13.35	15.72	17.46	13.27	15.70	17.44	13.98	15.66
20	18.05	13.54	15.96	17.42	12.11	14.95	17.54	14.04	15.80	17.38	13.94	15.49
21	17.50	13.35	15.55	17.02	12.35	14.80	17.71	13.57	15.61	17.02	13.84	15.52
22	17.39	13.47	15.60	17.17	13.50	15.49	17.03	13.99	15.44	17.05	13.85	15.48
23	17.22	13.30	15.30	17.64	13.28	15.48	17.15	13.93	15.63	16.71	13.64	15.32
24	17.05	13.12	15.12	16.80	13.35	14.93	16.84	13.51	15.20	16.48	13.08	15.06
25	16.75	13.89	15.53	16.60	13.54	15.14	16.99	14.15	15.68	16.41	13.08	14.90
26	16.69	14.11	15.65	16.67	13.35	15.10	17.47	14.57	16.17	17.42	14.15	15.77
27	17.02	13.30	15.46	16.20	12.99	14.78	17.39	14.46	16.14	17.55	14.32	16.02
28	17.14	13.51	15.85	16.49	13.66	15.22	16.78	13.62	15.39	17.24	13.49	15.60
29	17.72	14.35	16.11	16.70	13.56	15.30	17.25	13.58	15.63	17.69	13.10	15.43
30	---	---	---	17.03	13.35	15.39	17.43	13.68	15.49	17.67	13.19	15.61
31	---	---	---	17.14	13.50	15.40	---	---	---	17.94	13.42	15.65
MONTH	18.15	12.01	15.49	18.08	12.11	15.42	18.58	12.49	15.84	18.30	12.80	15.68

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.40	14.82	17.24	19.85	15.29	17.48	19.32	15.05	17.42	17.82	14.23	16.11
2	19.54	14.66	17.12	19.84	15.44	17.65	19.25	14.05	16.63	17.63	13.84	15.93
3	19.49	15.60	17.66	19.81	15.49	17.71	17.75	13.77	16.04	17.66	13.54	15.80
4	19.63	16.17	17.97	19.52	15.62	17.68	17.87	14.16	16.17	17.31	13.74	15.71
5	19.67	15.65	17.68	19.35	15.53	17.69	17.49	13.56	15.74	16.80	12.99	15.20
6	19.14	15.29	17.27	19.37	15.31	17.66	17.49	13.32	15.59	17.19	13.51	15.48
7	18.97	14.89	17.23	19.29	15.28	17.52	17.09	13.08	15.22	18.05	14.27	16.17
8	18.96	14.94	17.20	19.05	14.61	17.11	17.47	13.18	15.46	17.83	14.39	16.29
9	18.97	14.71	17.17	18.81	14.48	16.91	17.57	13.44	15.65	18.03	14.49	16.27
10	19.13	14.33	17.13	18.94	14.10	16.81	17.17	13.02	15.35	17.87	14.49	16.26
11	19.42	15.37	17.62	18.82	13.88	16.70	17.46	12.96	15.28	17.71	14.45	16.13
12	19.41	15.22	17.52	18.47	13.74	16.50	17.48	13.24	15.40	17.82	14.45	16.30
13	19.34	14.71	17.20	18.66	14.10	16.37	17.57	13.71	15.60	17.46	14.39	16.07
14	19.09	14.34	16.94	18.88	14.48	16.68	16.99	13.51	15.59	17.38	14.05	15.94
15	19.19	14.55	16.96	19.13	14.85	16.93	16.75	13.29	15.18	17.38	14.16	15.91
16	19.30	15.45	17.27	18.64	15.20	16.93	16.75	13.16	15.19	17.82	14.82	16.34
17	18.97	15.36	17.29	18.58	14.93	16.78	16.77	13.01	15.20	17.49	14.40	15.92
18	18.84	15.38	17.04	18.35	14.84	16.81	16.82	13.10	15.15	17.44	14.07	15.94
19	18.76	15.37	17.04	18.41	14.89	16.74	16.76	13.01	15.08	17.87	14.22	16.13
20	18.68	15.54	17.21	18.21	14.87	16.70	16.88	13.28	15.25	18.09	14.35	16.28
21	18.73	15.57	17.32	18.26	14.78	16.67	17.46	13.13	15.39	18.13	13.87	16.17
22	18.94	15.60	17.44	18.11	14.32	16.49	17.97	13.77	15.93	18.64	14.43	16.67
23	18.84	15.49	17.36	18.27	14.31	16.50	18.13	14.33	16.37	18.66	14.48	16.81
24	18.79	15.29	17.22	18.69	14.01	16.55	18.15	13.72	16.21	18.16	14.11	16.46
25	19.53	16.01	17.79	19.35	14.68	17.12	18.21	13.33	16.03	17.97	13.76	16.14
26	19.27	16.00	17.78	19.47	15.22	17.45	17.93	13.02	15.80	18.09	13.95	16.21
27	19.64	14.71	17.37	19.32	14.35	17.20	17.88	12.73	15.61	18.27	14.23	16.50
28	19.69	15.77	17.91	19.48	14.63	17.25	18.04	14.18	16.38	18.37	14.33	16.66
29	19.67	15.28	17.67	19.67	14.84	17.28	17.60	13.65	15.94	18.46	14.62	16.72
30	19.59	14.56	17.28	19.53	14.68	17.33	17.40	13.13	15.64	18.07	14.15	16.32
31	---	---	---	19.45	15.21	17.53	17.56	13.70	15.87	---	---	---
MONTH	19.69	14.33	17.36	19.85	13.74	17.06	19.32	12.73	15.72	18.66	12.99	16.16
YEAR	19.85	11.80	15.98									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.99	14.37	16.32	17.58	14.85	16.27	16.37	13.11	14.90	17.10	13.85	15.63
2	17.98	14.28	16.22	17.00	14.31	15.80	16.59	13.62	15.09	17.04	13.68	15.58
3	17.52	14.38	16.19	17.22	14.54	16.06	16.48	13.11	15.14	17.14	12.84	15.54
4	17.32	14.31	16.03	17.41	14.72	16.17	16.50	13.56	15.15	16.59	11.74	14.95
5	17.80	14.87	16.36	17.77	14.10	16.15	17.47	13.84	15.86	17.75	14.01	16.11
6	17.94	14.98	16.45	16.87	13.60	15.38	17.49	13.43	15.65	18.19	13.93	16.01
7	18.32	15.25	16.89	16.61	12.47	14.91	17.41	13.28	15.48	17.39	13.02	15.54
8	18.02	15.25	16.71	17.25	12.66	15.40	17.39	12.88	15.36	17.76	13.29	15.77
9	17.94	14.73	16.52	17.31	13.21	15.46	17.98	13.17	15.75	17.94	13.22	15.78
10	18.11	14.73	16.65	17.68	13.47	15.71	18.11	13.22	16.03	18.48	14.34	16.45
11	17.77	14.44	16.26	17.47	13.30	15.56	17.58	13.68	15.69	17.97	13.82	16.03
12	17.78	13.96	15.92	18.09	13.91	16.11	18.49	13.72	16.25	17.57	13.76	15.86
13	17.86	13.87	15.90	18.11	14.21	16.08	18.57	14.40	16.36	17.15	12.95	15.18
14	17.58	13.85	15.80	17.65	13.35	15.60	17.48	13.51	15.52	17.50	14.12	15.86
15	17.61	13.87	15.76	17.65	13.68	15.75	16.95	12.95	15.17	17.43	12.74	15.38
16	17.54	13.90	15.77	17.85	14.23	16.04	17.15	13.34	15.46	16.95	12.63	14.91
17	17.69	14.00	15.86	17.22	13.00	15.50	17.61	13.02	15.81	17.14	12.95	15.46
18	17.72	14.22	16.03	17.38	13.99	15.71	17.21	12.79	15.55	17.26	12.90	15.36
19	17.43	14.13	15.86	17.69	14.04	16.21	17.04	12.61	15.17	16.93	12.51	15.01
20	18.11	14.98	16.58	17.77	13.43	15.91	17.10	12.27	15.17	17.20	12.08	15.14
21	18.54	15.10	16.98	17.00	12.66	15.11	17.39	12.55	15.37	17.36	12.39	15.46
22	17.89	14.46	16.44	17.82	12.80	15.82	17.61	12.68	15.64	17.96	13.73	16.02
23	18.19	14.10	16.57	18.10	13.63	16.12	18.03	13.33	16.01	17.75	14.04	16.05
24	18.22	14.21	16.31	18.05	13.50	16.05	17.59	13.35	15.68	17.98	14.32	16.15
25	17.98	13.18	16.03	18.05	13.67	16.00	17.30	13.27	15.38	17.48	13.82	15.69
26	18.25	13.78	16.22	17.83	13.62	15.80	17.66	13.28	15.53	17.06	13.58	15.43
27	18.32	13.84	16.26	17.71	13.72	15.77	17.72	13.72	15.78	16.88	13.36	15.32
28	18.04	14.11	16.18	17.11	13.01	14.95	17.09	13.57	15.29	17.26	14.34	15.79
29	17.91	13.76	16.03	16.98	12.62	15.05	16.98	13.00	15.18	16.91	13.76	15.40
30	17.92	14.34	16.28	16.91	13.83	15.45	17.11	14.17	15.74	16.72	13.08	15.02
31	18.40	15.07	16.79	---	---	---	16.97	14.13	15.57	16.09	13.58	14.89
MONTH	18.54	13.18	16.26	18.11	12.47	15.73	18.57	12.27	15.54	18.48	11.74	15.57

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	16.91	13.43	15.24	16.49	14.02	15.44	16.53	13.49	15.09	17.69	13.40	15.95
2	16.84	12.49	15.08	17.05	14.18	15.84	17.22	13.61	15.69	17.26	12.81	15.54
3	16.87	12.47	15.24	17.77	14.05	16.07	17.37	13.45	15.71	17.86	13.07	15.65
4	17.48	12.75	15.50	17.43	13.79	15.75	17.52	12.82	15.45	18.33	13.88	16.13
5	18.03	13.82	16.19	17.53	13.38	15.74	17.66	12.90	15.50	18.45	14.33	16.43
6	18.18	13.69	16.03	17.92	13.46	16.04	17.66	12.85	15.35	17.90	14.03	16.13
7	17.77	13.39	15.74	18.07	13.79	16.17	17.74	12.13	15.28	17.66	13.17	15.60
8	17.66	13.11	15.59	18.43	14.22	16.50	17.48	12.50	15.33	17.49	13.61	15.75
9	17.64	13.32	15.72	18.37	14.37	16.46	17.22	12.79	15.22	17.61	13.43	15.60
10	17.55	12.93	15.50	18.55	14.55	16.75	17.41	13.74	15.69	17.55	13.44	15.40
11	17.19	12.84	15.17	18.68	14.70	16.86	17.57	14.10	15.81	17.22	13.89	15.68
12	16.87	12.88	14.91	18.38	14.11	16.29	17.58	14.39	16.00	17.02	14.07	15.50
13	---	---	---	17.89	14.54	16.36	17.38	14.43	15.93	16.97	13.83	15.42
14	16.91	12.49	14.87	17.77	13.99	16.00	17.04	14.39	15.84	16.97	13.69	15.47
15	---	---	---	17.25	13.33	15.41	17.38	14.22	16.04	17.37	13.82	15.72
16	16.65	12.82	15.16	16.78	13.67	15.23	17.11	14.23	15.81	17.08	13.54	15.51
17	17.50	13.50	15.89	17.32	14.01	16.01	17.35	14.04	15.76	17.38	13.28	15.50
18	17.89	13.96	16.24	17.06	13.85	15.66	17.43	14.13	15.87	17.86	13.83	15.81
19	17.80	14.33	16.13	17.38	13.80	15.75	17.25	13.21	15.41	17.86	14.11	15.96
20	17.64	14.01	16.04	18.05	14.40	16.45	17.64	13.58	15.76	17.85	13.73	15.87
21	17.63	14.07	16.00	17.49	13.90	15.84	18.07	14.44	16.37	18.03	13.88	15.84
22	17.30	13.66	15.59	17.81	13.28	15.73	18.00	14.48	16.37	18.03	14.07	15.89
23	17.06	13.36	15.26	18.09	14.83	16.59	17.60	13.33	15.65	17.83	13.73	15.64
24	17.17	12.28	14.80	17.57	13.71	16.04	17.68	14.46	16.02	17.14	13.15	15.16
25	17.08	13.84	15.43	17.47	13.55	15.57	17.48	13.79	15.57	17.20	13.46	15.40
26	17.09	13.44	15.35	17.47	13.63	15.55	17.19	13.71	15.34	17.58	13.84	15.65
27	16.55	13.90	15.29	17.11	13.72	15.43	17.32	14.11	15.67	17.33	13.30	15.68
28	16.97	13.47	15.28	17.02	13.79	15.39	17.31	14.20	15.89	17.71	13.77	16.11
29	---	---	---	17.05	13.57	15.21	17.68	14.32	16.14	17.92	14.55	16.46
30	---	---	---	16.94	13.78	15.32	17.33	13.78	15.78	17.83	13.67	16.09
31	---	---	---	16.86	13.00	15.15	---	---	---	17.94	13.15	15.78
MONTH	---	---	---	18.68	13.00	15.89	18.07	12.13	15.71	18.45	12.81	15.75

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.94	12.56	15.60	18.26	13.95	16.43	17.36	12.24	15.09	17.61	14.20	15.96
2	17.94	12.30	15.41	18.05	13.94	16.23	17.70	13.41	15.50	17.11	14.05	15.73
3	17.98	12.55	15.55	17.99	13.47	15.94	17.93	13.99	15.97	17.31	13.56	15.58
4	17.97	12.75	15.59	17.83	13.58	15.85	17.81	14.31	15.99	17.52	14.48	16.02
5	17.58	13.10	15.49	17.61	14.04	15.98	17.09	13.77	15.59	17.50	14.48	16.14
6	17.63	13.21	15.41	17.32	13.60	15.68	16.98	13.54	15.55	17.66	14.57	16.24
7	17.66	14.01	15.71	17.15	13.30	15.19	17.28	13.99	15.73	18.00	14.95	16.58
8	17.59	13.83	15.68	16.86	12.94	15.01	17.25	13.95	15.71	18.13	15.16	16.68
9	17.48	13.78	15.58	16.76	13.24	15.24	17.39	14.32	16.01	17.93	14.55	16.33
10	16.67	12.85	15.07	17.47	13.78	15.72	17.20	14.22	15.76	18.03	14.50	16.29
11	16.87	13.12	15.25	17.09	13.28	15.45	17.30	13.94	15.65	18.02	14.04	16.11
12	17.61	13.90	15.81	17.03	13.30	15.34	17.94	14.10	15.96	18.00	13.91	16.09
13	17.19	13.38	15.45	16.77	13.40	15.19	17.55	13.49	15.65	18.26	13.99	16.25
14	17.42	13.08	15.23	17.03	12.51	14.94	17.55	13.11	15.55	17.91	13.85	16.17
15	17.21	13.10	15.23	17.65	13.57	15.63	17.76	13.19	15.65	18.07	13.83	16.02
16	17.48	13.57	15.49	17.35	13.19	15.48	18.02	13.49	15.80	17.64	13.82	15.99
17	17.44	12.94	15.39	17.49	12.72	15.21	17.66	13.45	15.79	17.58	13.16	15.75
18	17.72	13.49	15.53	17.93	12.95	15.46	17.78	13.47	15.83	17.76	13.34	15.84
19	17.74	13.38	15.62	18.13	14.02	16.02	17.74	13.66	15.95	17.76	13.68	15.92
20	17.82	13.40	15.60	17.66	13.89	15.88	17.72	13.66	16.03	17.66	13.60	15.85
21	17.60	13.94	15.83	17.88	13.95	15.96	17.75	13.91	15.92	18.32	14.05	16.53
22	17.43	13.47	15.43	17.77	13.83	15.78	17.50	13.23	15.63	20.22	14.66	17.46
23	17.48	13.56	15.65	17.42	13.23	15.51	17.63	12.88	15.41	17.50	13.91	15.83
24	17.59	13.66	15.71	17.05	12.74	15.32	17.35	12.66	15.21	18.04	14.84	16.31
25	17.57	13.40	15.84	17.61	12.66	15.52	17.69	13.01	15.66	18.45	15.58	17.04
26	17.96	13.51	16.05	17.93	13.10	15.77	17.99	14.26	16.30	18.26	14.28	16.86
27	17.92	13.29	15.87	17.33	12.94	15.43	17.99	14.06	16.20	18.98	15.47	17.30
28	17.70	13.06	15.76	17.50	12.33	15.18	18.18	13.91	16.14	18.80	16.01	17.55
29	17.94	13.22	15.89	17.43	12.35	15.21	18.09	14.01	16.16	18.70	15.87	17.32
30	18.54	13.99	16.40	17.69	13.54	15.68	17.63	13.66	15.91	18.44	15.40	16.92
31	---	---	---	17.80	13.19	15.61	17.64	13.77	15.76	---	---	---
MONTH	18.54	12.30	15.60	18.26	12.33	15.58	18.18	12.24	15.78	20.22	13.16	16.36

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1970 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 Pogrammer, October 1970 to October 1980, water-quality monitor since July 1981, data collection platform since May 1984.

REMARKS.--Top and bottom temperature July 1975 to October 1980.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 4270 microsiemens, Oct. 8, 1985; minimum, 30 microsiemens, Sept. 2 - 4, 1987.
pH: Maximum, 8.5 units, Sept. 29, 30, 1981; minimum, 6.0 units, Jan. 24, Aug. 6, Sept. 10, 30, 1987, Aug. 31, 1988, June 24, 25, Aug. 23, 24, 1989.
WATER TEMPERATURE: Maximum, 32.0°C, July 20, 21, 1986; minimum, 3.0°C, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1, 1985; minimum, 2.2 mg/L, May 1, 2, 1985, Sept. 26, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 1640 microsiemens, Mar. 3; minimum, 106 microsiemens, July 13.
pH: Maximum, 8.2 units, Apr. 4; minimum, 6.0 units, June 24, 25, Aug. 23, 24.
WATER TEMPERATURE: Maximum, 31.5°C, Aug. 7; minimum, 7.5°C, Dec. 18 - 20, Feb. 25.
DISSOLVED OXYGEN: Maximum, 11.3 mg/L, Mar. 11; minimum 2.2 mg/L, Sept. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	184	140	158	250	140	176	168	152	160	390	158	198
2	180	136	151	184	144	160	304	150	188	630	160	295
3	166	138	150	300	146	191	194	148	166	980	174	438
4	180	140	158	290	146	211	260	148	189	534	172	324
5	244	140	185	404	146	230	822	156	344	362	166	241
6	284	144	201	310	146	197	956	168	451	344	166	211
7	362	148	236	218	148	178	624	166	327	256	160	193
8	230	140	175	250	148	195	456	162	305	398	166	241
9	210	140	172	216	144	175	488	166	283	468	172	296
10	230	146	182	250	148	188	354	160	221	446	168	247
11	210	140	169	258	146	195	244	150	188	280	166	218
12	180	140	159	378	152	218	248	152	194	306	172	231
13	174	144	159	376	152	252	228	150	170	284	162	212
14	174	146	158	296	150	213	178	150	160	226	162	194
15	178	144	156	246	150	197	216	156	180	206	160	179
16	192	146	166	226	146	183	362	172	241	190	158	174
17	256	150	196	192	144	162	724	174	373	228	162	186
18	304	148	213	236	148	185	526	170	313	278	166	211
19	284	150	216	462	152	286	426	170	277	262	166	211
20	670	160	340	666	170	395	458	150	312	322	172	234
21	1020	172	491	634	210	424	494	174	319	296	170	220
22	400	152	240	638	188	394	494	170	293	314	172	235
23	354	156	236	600	174	345	476	162	290	476	172	271
24	398	160	256	424	162	267	400	158	245	524	192	351
25	402	168	269	356	160	241	334	162	247	498	184	314
26	410	162	264	280	156	204	348	178	257	338	172	250
27	368	160	252	300	158	211	370	174	275	292	170	227
28	422	166	261	282	152	195	344	172	248	230	166	192
29	258	152	195	196	152	169	260	168	205	206	162	182
30	260	156	207	196	148	163	228	158	186	222	162	180
31	306	156	236	---	---	---	178	158	165	248	162	192
MONTH	1020	136	213	666	140	227	956	148	251	980	158	237

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	436	166	223	180	160	170	172	154	161	344	128	215
2	388	166	245	261	165	175	193	151	168	302	124	198
3	402	162	228	1640	165	503	207	147	173	504	134	241
4	266	162	202	920	182	458	312	148	193	672	136	328
5	306	166	216	929	178	500	481	153	246	554	124	290
6	344	166	234	1050	207	569	435	153	276	554	118	221
7	510	194	326	749	176	324	373	150	243	234	124	175
8	564	188	373	372	170	256	272	146	208	262	136	210
9	598	184	358	351	173	252	293	147	207	312	140	207
10	456	180	285	533	189	344	277	142	195	324	146	200
11	358	192	272	680	178	398	190	136	155	212	136	160
12	338	188	272	522	171	307	170	133	146	152	134	142
13	350	196	288	363	165	249	157	125	142	152	134	139
14	368	200	257	259	160	193	158	118	133	166	134	147
15	344	192	273	196	160	176	140	118	125	256	136	183
16	314	166	246	191	159	175	143	117	124	202	134	160
17	212	162	183	201	139	173	131	112	121	236	136	179
18	398	172	220	196	156	175	144	116	125	258	134	182
19	376	180	266	199	158	175	136	112	123	184	128	153
20	590	192	328	229	161	187	174	118	134	202	130	155
21	678	210	425	182	156	165	272	122	170	234	130	174
22	590	200	357	233	158	174	328	124	200	228	128	155
23	424	180	266	409	169	243	256	122	165	170	126	140
24	256	168	198	431	164	263	234	122	162	162	130	141
25	204	166	187	290	164	211	156	118	130	178	134	153
26	230	170	195	260	159	201	136	118	128	196	134	165
27	228	168	197	235	157	190	180	126	140	178	130	150
28	204	166	180	202	154	171	212	126	161	160	130	142
29	---	---	---	168	151	157	262	126	182	360	134	224
30	---	---	---	183	153	159	252	126	179	354	140	245
31	---	---	---	173	152	162	---	---	---	354	144	234
MONTH	678	162	261	1640	139	253	481	112	167	672	118	187
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	326	146	224	---	---	---	224	128	164	182	124	148
2	318	138	210	1090	248	631	270	136	186	178	128	151
3	442	144	224	876	192	538	316	140	224	180	134	155
4	436	148	261	876	172	430	310	128	192	214	138	173
5	402	140	254	672	156	385	192	124	140	236	136	187
6	368	146	229	424	128	228	140	124	129	194	128	161
7	328	136	223	190	124	147	136	126	130	160	126	140
8	260	124	170	152	124	136	148	128	136	146	124	132
9	174	122	145	150	126	138	282	134	196	140	122	130
10	138	122	127	166	122	145	604	136	295	140	124	130
11	168	122	129	134	118	126	554	140	300	146	124	133
12	152	124	133	130	118	125	290	128	185	170	124	140
13	172	122	139	158	106	135	180	126	144	300	130	189
14	172	122	135	244	116	158	290	128	176	388	138	238
15	146	122	133	940	122	323	654	138	315	402	140	248
16	180	126	149	858	146	431	830	156	432	324	136	206
17	184	124	144	690	156	396	648	146	330	226	134	178
18	196	124	156	680	150	388	482	144	294	252	134	186
19	272	126	162	660	150	391	358	134	224	290	138	207
20	358	134	206	538	122	262	274	128	185	266	126	193
21	372	124	203	356	124	218	200	126	152	266	118	181
22	236	126	165	256	118	170	170	124	148	1490	122	300
23	206	124	162	196	116	150	166	124	140	128	112	122
24	182	122	150	162	116	139	152	124	137	128	116	121
25	168	122	144	174	116	140	194	126	150	138	114	125
26	170	122	145	170	112	136	214	126	164	122	112	111
27	150	118	131	156	112	131	234	124	173	122	114	117
28	160	122	134	177	112	143	214	128	162	124	116	119
29	212	122	163	205	135	154	160	126	142	124	116	118
30	1180	134	317	407	138	206	162	122	137	130	116	121
31	---	---	---	430	137	231	152	122	135	---	---	---
MONTH	1180	118	176	1090	106	244	830	122	194	1490	112	162
YEAR	1640	106	214									

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.5	27.0	29.5	29.0	29.5	30.5	30.0	30.5	30.0	29.0	29.5
2	28.0	27.0	27.5	29.5	28.5	29.0	30.5	30.0	30.5	30.0	29.5	29.5
3	28.5	27.5	28.0	29.0	28.5	28.5	31.0	30.0	30.5	30.0	29.5	29.5
4	28.5	28.0	28.5	29.0	28.0	28.5	31.0	30.0	30.5	29.5	28.0	28.5
5	29.0	28.0	28.5	29.0	28.0	28.5	31.0	30.0	30.5	28.5	27.0	28.0
6	29.0	27.0	28.0	29.0	28.0	28.5	31.0	30.0	31.0	27.5	26.5	27.0
7	28.0	26.5	27.5	29.5	28.5	29.0	31.5	30.5	31.0	27.5	26.5	27.0
8	28.0	26.0	27.0	29.5	29.0	29.5	31.0	30.0	30.5	27.0	26.5	27.0
9	27.0	26.0	26.5	30.0	29.5	29.5	30.0	28.0	29.5	27.0	26.5	27.0
10	27.0	26.0	26.5	30.5	29.5	30.0	29.0	26.5	28.0	27.0	27.0	27.0
11	27.5	26.5	27.0	31.0	30.0	30.5	27.5	26.0	27.0	27.5	27.0	27.0
12	28.5	27.0	27.5	31.0	30.0	30.5	27.0	26.0	26.5	27.5	27.0	27.5
13	29.0	28.0	28.5	31.0	30.5	30.5	27.0	26.5	27.0	27.5	27.0	27.0
14	29.0	28.5	28.5	31.0	30.0	30.5	27.0	26.5	27.0	27.5	27.0	27.0
15	29.0	28.5	29.0	31.0	30.0	30.5	27.0	26.5	26.5	27.5	27.0	27.0
16	29.0	28.5	28.5	30.5	30.0	30.0	27.5	26.5	27.0	27.5	27.0	27.5
17	28.5	28.0	28.5	30.5	29.5	30.0	28.0	27.0	27.5	27.5	26.5	27.0
18	28.5	27.5	28.5	30.0	29.5	30.0	28.0	27.5	28.0	27.0	26.5	27.0
19	29.0	28.0	28.5	30.0	29.5	30.0	28.0	27.0	27.5	27.0	25.5	26.5
20	29.0	28.5	28.5	30.0	29.5	30.0	28.0	27.0	27.5	26.0	25.0	25.5
21	29.0	28.5	28.5	30.0	29.0	30.0	28.5	27.0	28.0	25.5	25.0	25.5
22	29.5	28.5	29.0	30.5	29.5	30.0	28.5	28.0	28.5	25.5	24.5	25.0
23	29.0	28.5	29.0	30.0	29.0	29.5	29.0	28.0	28.5	25.5	25.0	25.0
24	29.5	28.5	29.0	30.0	29.0	29.5	29.0	28.0	28.5	25.5	24.0	24.5
25	29.5	28.5	29.0	30.0	29.5	30.0	29.0	28.0	28.5	23.5	22.0	23.0
26	29.5	28.5	29.0	30.0	29.5	30.0	29.0	28.5	28.5	23.0	22.0	22.5
27	30.0	29.0	29.5	30.0	29.5	30.0	29.0	28.5	28.5	23.0	22.0	22.5
28	30.0	29.5	29.5	30.0	29.0	29.5	29.0	28.5	29.0	22.5	22.0	22.0
29	30.0	29.5	30.0	30.5	29.5	30.0	29.0	28.0	28.5	23.0	22.0	22.5
30	30.0	29.5	29.5	30.5	29.5	30.0	29.0	28.0	28.5	22.5	22.5	22.5
31	---	---	---	31.0	30.0	30.0	29.5	28.5	29.0	---	---	---
MONTH	30.0	26.0	28.5	31.0	28.0	29.5	31.5	26.0	28.5	30.0	22.0	26.0
YEAR	31.5	7.5	20.0									

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02172050 COOPER RIVER NEAR GOOSE CREEK SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.1	5.3	5.7	---	---	---	6.0	5.2	5.6	7.4	5.8	6.4
2	5.9	5.0	5.5	5.2	4.3	4.4	6.3	4.8	5.5	7.4	5.9	6.6
3	6.0	4.9	5.3	5.4	4.6	4.8	6.9	5.0	5.7	6.7	5.7	6.4
4	6.3	4.8	5.3	5.3	4.4	4.7	7.3	5.6	6.2	7.1	6.0	6.6
5	6.2	4.7	5.4	5.2	4.3	4.6	6.8	5.7	6.4	7.0	6.3	6.7
6	5.5	5.1	5.4	5.0	4.3	4.7	6.5	4.8	6.1	6.9	5.9	6.5
7	5.8	4.4	5.2	5.3	4.2	4.8	6.7	5.0	6.1	7.2	5.6	6.5
8	5.4	4.4	5.0	5.5	4.5	5.1	6.4	5.4	6.0	7.0	5.7	6.6
9	5.3	4.3	4.8	5.5	4.6	5.2	6.1	5.3	5.8	6.6	5.2	6.2
10	5.2	4.2	4.8	5.8	5.0	5.4	6.2	5.4	5.9	6.4	5.5	6.1
11	5.1	4.3	4.8	5.8	4.9	5.4	6.2	5.4	5.9	6.2	5.3	5.9
12	5.3	4.7	5.0	5.6	4.3	5.1	6.4	5.6	5.9	6.4	5.4	6.0
13	5.7	4.9	5.2	5.6	5.0	5.4	6.6	5.6	6.2	6.3	5.0	5.7
14	5.8	4.8	5.1	5.5	4.9	5.2	6.3	5.4	6.1	6.2	5.0	5.6
15	5.5	4.3	5.0	5.3	4.7	4.9	6.2	5.5	5.8	6.7	4.9	5.7
16	5.4	4.6	5.0	5.2	4.2	4.7	6.9	5.5	5.9	6.5	5.3	5.8
17	4.9	4.3	4.7	5.6	4.4	4.8	7.4	5.4	6.3	6.9	5.4	6.0
18	4.9	3.8	4.5	5.5	4.5	4.9	7.8	5.6	6.6	6.8	5.6	6.1
19	5.5	4.1	4.7	6.3	4.5	5.1	7.0	6.1	6.6	6.7	5.3	6.2
20	5.4	4.3	4.8	6.7	4.8	5.7	7.6	5.5	6.5	6.7	6.0	6.5
21	5.6	4.4	4.9	---	---	---	7.3	5.4	6.7	7.8	6.2	6.7
22	5.7	4.5	5.0	---	---	---	6.9	6.0	6.5	7.7	5.2	6.4
23	5.3	4.5	4.9	---	---	---	6.5	4.9	6.1	5.3	3.3	4.6
24	5.5	4.4	4.9	---	---	---	6.4	5.5	6.0	4.8	2.5	3.9
25	5.5	4.4	5.0	---	---	---	6.1	5.0	5.7	5.5	3.5	4.5
26	5.7	4.8	5.2	---	---	---	5.9	4.8	5.5	3.8	2.2	3.3
27	5.5	4.6	5.2	---	---	---	6.0	4.9	5.4	5.3	3.7	4.6
28	5.3	4.7	5.0	---	---	---	6.4	5.2	5.7	6.2	4.9	5.5
29	4.9	4.3	4.7	6.5	5.3	5.8	6.2	5.4	5.8	6.1	4.2	5.1
30	5.0	4.1	4.5	6.0	5.1	5.6	6.5	5.3	5.9	5.5	3.5	4.4
31	---	---	---	6.6	4.6	5.6	7.0	5.7	6.2	---	---	---
MONTH	6.3	3.8	5.0	6.7	4.2	5.1	7.8	4.8	6.0	7.8	2.2	5.8
YEAR	11.3	2.2	7.7									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River, 9.9 mi from confluence of East and West Branch Cooper River and at mile 19.4.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 6.38 feet below National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.24 ft, Sept. 22, 1989; minimum, 2.13 ft, Apr. 7, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.24 ft, Sept. 22; minimum, 2.13 ft, Apr. 7.

Water Year 1984: Maximum gage height, 11.86 ft, Mar. 21; minimum, 2.69 ft, Jan. 31.
Water Year 1985: Maximum gage height, 11.30 ft, Nov. 23; minimum, 2.94 ft, Apr. 6.
Water Year 1986: Maximum gage height, 11.62 ft, June 21; minimum, 2.53 ft, Jan. 28.
Water Year 1987: Maximum gage height, 12.03 ft, Jan. 1; minimum, 2.97 ft, June 10.
Water Year 1988: Maximum gage height, 10.83 ft, Sept. 23; minimum, 2.55 ft, Mar. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.68	5.50	8.29	10.35	4.81	7.94	10.12	4.23	7.50	10.52	4.45	7.96
2	10.32	4.73	7.90	10.38	4.57	7.90	10.24	4.02	7.55	10.70	4.90	8.02
3	10.41	4.06	7.70	10.54	4.45	7.90	10.44	4.11	7.50	10.63	4.74	7.94
4	10.58	4.07	7.79	10.57	4.32	7.76	10.19	4.21	7.39	10.52	4.94	7.91
5	10.58	4.01	7.81	10.89	4.47	8.11	10.18	4.02	7.33	10.16	4.73	7.52
6	10.44	4.11	7.71	10.74	4.79	7.91	10.58	4.78	7.54	10.12	4.90	7.50
7	10.91	4.21	8.12	10.57	4.76	7.85	9.06	3.79	6.55	9.80	4.86	7.48
8	11.10	5.09	8.37	10.79	5.72	8.26	9.70	4.82	7.19	9.81	5.28	7.73
9	10.79	5.08	8.11	10.63	6.05	8.37	9.48	4.91	7.04	9.19	5.18	7.25
10	10.70	5.48	8.22	10.07	5.80	7.98	9.04	4.99	6.98	9.68	5.58	7.73
11	10.79	6.15	8.49	9.32	5.11	7.09	9.59	5.36	7.61	9.27	5.74	7.55
12	10.26	5.87	8.16	9.32	5.35	7.15	9.58	5.45	7.64	9.68	6.07	7.99
13	10.11	5.75	8.03	9.36	5.66	7.56	9.07	5.17	7.39	10.07	5.62	8.23
14	9.64	5.49	7.65	9.32	5.52	7.61	9.21	4.82	7.44	10.33	5.41	8.10
15	9.51	5.81	7.72	9.46	4.56	7.64	9.21	4.12	7.08	10.76	5.27	8.44
16	9.81	5.73	7.94	8.91	4.12	6.98	8.93	3.68	6.69	11.06	5.23	8.43
17	9.80	5.43	7.79	9.34	4.20	7.19	9.40	3.82	6.94	11.11	4.60	8.23
18	9.91	5.44	7.77	9.90	4.55	7.54	10.11	3.96	7.52	11.30	4.19	8.20
19	10.06	5.19	7.85	9.98	4.30	7.53	10.52	4.15	7.68	10.96	3.73	7.79
20	10.38	5.21	8.14	10.51	4.48	7.83	10.80	4.13	7.86	11.00	3.95	7.83
21	10.52	5.23	8.30	10.10	4.10	7.42	10.98	4.43	8.12	11.09	4.46	8.00
22	10.79	5.68	8.54	10.41	4.07	7.51	10.86	4.38	7.83	10.59	4.30	7.62
23	11.20	5.81	8.67	10.52	4.27	7.59	10.53	3.88	7.40	10.42	4.67	7.69
24	10.56	5.02	7.90	10.54	4.53	7.69	9.85	2.82	6.62	10.07	4.64	7.43
25	10.24	4.78	7.59	9.60	3.53	6.91	9.73	3.48	6.81	9.77	4.32	7.06
26	10.50	5.39	7.98	10.02	4.37	7.43	10.02	4.33	7.35	9.57	4.67	7.15
27	10.24	5.26	7.83	10.13	4.88	7.65	9.68	4.46	7.21	9.98	4.64	7.49
28	10.17	5.28	7.71	10.04	4.61	7.71	9.93	3.99	7.34	9.64	4.33	7.17
29	9.49	4.21	6.98	9.22	3.87	7.02	9.91	4.42	7.28	9.66	4.35	7.01
30	10.20	4.95	7.67	9.66	4.18	7.25	10.04	4.40	7.54	9.64	4.04	7.05
31	10.15	4.83	7.81	---	---	---	10.27	4.54	7.67	9.25	2.69	6.52
MONTH	11.20	4.01	7.95	10.89	3.53	7.61	10.98	2.82	7.34	11.30	2.69	7.68

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.77	3.97	7.17	9.05	3.13	6.50	10.48	5.07	8.05	10.20	4.10	7.34
2	9.77	4.22	7.21	9.43	4.11	7.01	10.50	4.90	7.99	10.31	4.35	7.36
3	9.83	4.47	7.28	9.57	4.22	7.19	10.60	4.67	7.88	9.82	4.68	7.49
4	9.74	4.50	7.28	9.91	4.58	7.48	10.31	5.00	8.00	9.92	3.88	7.05
5	9.23	4.20	6.88	9.98	4.74	7.72	9.68	4.32	7.13	10.06	4.39	7.20
6	8.32	3.40	6.12	9.77	4.67	7.41	9.84	4.26	6.85	10.12	4.39	7.16
7	8.88	4.22	6.59	9.72	4.91	7.56	9.86	4.95	7.23	9.87	4.50	7.05
8	8.87	4.74	7.00	9.74	5.12	7.47	9.99	5.47	7.66	9.64	4.73	7.08
9	9.00	4.81	6.97	9.18	4.23	6.69	10.28	6.15	8.32	9.74	4.60	7.30
10	8.89	4.74	6.82	9.57	5.58	7.44	10.80	5.84	8.36	9.96	4.35	7.53
11	9.01	4.66	6.85	9.70	4.62	7.17	10.95	5.36	8.67	10.12	4.25	7.64
12	9.46	4.62	7.19	9.71	5.15	7.62	10.92	5.22	8.57	10.35	4.02	7.65
13	10.04	4.60	7.66	10.33	4.19	7.76	11.02	5.17	8.58	10.46	3.58	7.37
14	10.48	4.19	7.76	10.08	3.89	7.43	11.12	4.84	8.48	10.57	3.40	7.19
15	10.44	3.88	7.59	10.35	3.81	7.66	11.20	4.60	8.25	11.03	3.77	7.71
16	10.70	3.66	7.70	10.59	3.96	7.75	10.80	4.28	7.96	10.81	4.37	7.65
17	10.79	3.67	7.74	11.12	3.74	8.10	10.35	4.13	7.44	10.84	4.68	7.78
18	10.74	3.77	7.65	11.20	4.56	8.31	10.25	3.85	7.09	10.41	5.01	7.81
19	10.73	4.04	7.72	11.06	4.69	8.26	10.12	4.31	7.35	10.16	4.50	7.05
20	10.43	4.24	7.66	11.76	4.92	8.41	10.12	4.40	7.22	9.53	4.52	6.93
21	10.30	4.57	7.83	11.86	4.29	7.83	9.93	4.90	7.36	9.49	5.04	7.29
22	10.48	5.11	8.07	10.14	4.38	7.18	9.74	5.31	7.68	9.69	5.37	7.57
23	10.99	4.08	7.42	9.58	4.41	7.08	10.03	5.23	7.59	9.50	5.34	7.48
24	8.86	4.24	6.66	9.80	5.37	7.65	8.88	4.76	6.93	9.69	5.07	7.62
25	9.01	4.09	6.60	9.93	5.46	7.71	9.40	5.00	7.42	9.65	5.31	7.78
26	9.35	4.97	7.26	9.35	5.35	7.39	9.39	4.79	7.31	9.51	4.62	7.29
27	10.09	5.40	8.04	9.68	5.78	7.89	9.65	4.90	7.56	9.90	4.62	7.38
28	9.82	3.49	6.48	10.64	5.61	8.46	9.85	4.69	7.53	10.13	4.71	7.62
29	8.18	2.92	5.72	8.78	3.45	6.63	10.27	4.97	7.80	10.21	4.12	7.59
30	---	---	---	9.77	3.99	7.26	10.24	4.59	7.77	10.54	4.00	7.35
31	---	---	---	10.31	4.56	7.87	---	---	---	10.79	4.70	7.80
MONTH	10.99	2.92	7.20	11.86	3.13	7.54	11.20	3.85	7.73	11.03	3.40	7.42
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.93	4.93	7.98	10.37	3.67	7.01	10.93	4.58	7.90	10.12	4.32	7.42
2	10.55	4.37	7.57	10.25	4.23	7.27	10.38	4.53	7.55	10.07	4.61	7.50
3	10.61	4.91	7.62	10.14	3.89	7.18	9.84	4.08	7.11	9.92	4.69	7.41
4	10.63	4.97	7.80	10.14	4.14	7.29	9.70	3.86	6.97	9.78	4.61	7.26
5	10.62	4.99	7.92	9.98	4.09	7.37	10.04	4.37	7.25	9.97	4.94	7.58
6	10.45	4.99	7.40	9.93	4.18	7.36	10.11	4.43	7.35	10.53	5.44	8.15
7	10.03	4.48	7.34	9.95	3.95	7.24	10.16	4.40	7.36	10.56	5.61	8.21
8	9.79	3.97	7.25	10.24	3.76	7.24	10.20	4.42	7.44	10.84	5.75	8.38
9	9.96	3.89	7.27	10.50	4.55	7.79	10.31	4.52	7.43	10.76	5.72	8.57
10	10.26	3.90	7.35	10.15	4.20	7.45	10.37	4.63	7.62	10.60	5.44	8.39
11	10.44	3.84	6.92	10.06	3.67	7.05	10.51	4.91	7.79	10.16	5.24	8.11
12	10.62	3.79	7.39	9.95	3.75	7.01	10.26	4.90	7.69	9.24	4.27	7.08
13	10.61	4.05	7.48	9.85	3.82	6.89	10.01	4.93	7.50	9.11	4.04	6.84
14	10.50	4.21	7.41	9.78	4.06	6.90	9.65	4.58	7.29	9.40	4.39	7.09
15	10.23	4.41	7.16	9.76	4.32	7.07	9.50	4.58	7.22	9.32	4.44	7.02
16	10.17	4.56	7.36	9.49	4.24	6.92	9.56	4.75	7.45	9.97	5.54	7.74
17	9.97	4.85	7.35	9.25	4.12	6.72	9.52	5.06	7.49	10.16	6.06	8.18
18	9.78	4.62	7.09	9.03	4.00	6.33	9.64	5.21	7.57	10.26	6.02	8.21
19	9.41	4.54	7.15	8.78	3.96	6.67	9.52	4.91	7.37	10.36	5.78	8.14
20	9.46	5.14	7.54	9.24	4.51	7.10	9.63	4.80	7.41	10.35	5.33	7.97
21	9.73	5.42	7.94	9.30	4.94	7.32	10.11	5.31	7.81	10.29	4.68	7.76
22	9.96	5.90	8.17	9.73	4.86	7.44	10.10	5.19	7.86	10.46	4.21	7.73
23	10.10	5.51	8.07	9.74	5.05	7.45	10.14	4.60	7.60	10.63	4.04	7.79
24	9.93	4.98	7.74	9.88	4.62	7.35	10.33	3.75	7.29	10.63	3.73	7.64
25	10.05	4.75	7.62	9.99	4.19	7.27	11.10	4.28	7.91	10.60	3.79	7.61
26	10.36	4.59	7.64	10.40	4.13	7.42	11.14	4.04	7.94	10.51	3.78	7.58
27	10.24	4.34	7.62	10.30	3.58	7.17	11.45	4.63	8.27	10.65	3.78	7.61
28	10.48	3.99	7.49	10.67	3.58	7.30	11.22	4.46	8.33	10.72	4.82	7.94
29	10.29	3.91	7.32	10.87	3.94	7.56	10.71	4.29	7.99	10.84	5.43	8.17
30	10.27	3.55	7.06	11.25	4.64	8.11	10.36	4.12	7.47	10.78	5.38	8.28
31	---	---	---	10.96	4.44	8.05	9.93	3.75	7.10	---	---	---
MONTH	10.93	3.55	7.50	11.25	3.58	7.24	11.45	3.75	7.56	10.84	3.73	7.78
YEAR	11.86	2.69	7.55									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), 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	10.51	5.37	8.06	10.15	6.07	8.18	8.88	4.83	7.11	9.89	5.76	7.72
2	10.20	5.39	7.89	10.19	5.98	8.30	9.19	5.28	7.42	9.77	5.08	---
3	10.21	5.54	7.94	10.65	6.86	8.85	9.34	4.30	7.24	10.04	4.94	7.77
4	---	---	---	10.85	5.98	9.02	9.37	4.68	7.33	10.56	4.35	7.96
5	---	---	---	---	5.76	---	10.04	4.98	8.10	9.25	3.91	---
6	---	---	---	10.13	5.28	8.13	10.07	4.27	7.18	10.35	4.56	7.90
7	---	---	---	10.39	5.31	8.17	9.65	3.34	7.06	10.56	4.46	7.69
8	---	---	---	10.39	5.20	8.09	9.88	4.31	7.22	10.22	4.00	7.59
9	---	---	---	10.50	5.14	8.06	10.16	3.94	7.28	10.91	4.58	7.99
10	---	---	---	10.49	5.12	8.05	10.02	4.19	7.27	10.96	4.99	8.24
11	10.58	5.63	8.36	10.15	4.92	7.68	10.07	4.21	7.31	10.64	4.90	7.89
12	10.52	5.64	8.27	10.07	4.73	7.53	10.52	4.86	7.82	10.23	4.70	7.71
13	10.41	5.42	8.09	10.21	5.17	7.59	10.62	5.26	7.90	10.38	5.09	7.97
14	10.51	5.72	8.23	10.25	5.17	7.72	10.09	4.95	7.56	10.11	4.37	7.43
15	10.66	6.08	8.44	10.26	5.26	7.76	10.38	5.13	7.89	9.24	4.29	6.90
16	10.62	6.25	8.44	9.60	4.83	7.27	10.23	5.25	8.02	10.15	5.12	7.81
17	10.24	5.69	8.01	10.01	5.01	7.57	10.50	5.02	8.16	10.79	4.18	7.89
18	10.07	5.32	7.70	10.14	4.87	7.90	10.79	4.72	8.24	10.17	4.16	7.62
19	10.15	5.13	7.76	10.21	3.76	7.59	10.81	---	---	10.12	4.07	7.40
20	10.41	4.89	7.91	10.26	3.80	7.77	---	---	---	10.16	3.46	7.07
21	10.63	4.70	8.07	10.72	4.52	8.06	---	---	---	10.15	3.26	7.17
22	10.67	4.46	8.06	11.14	4.41	8.13	10.70	4.05	7.57	9.68	3.45	6.88
23	10.73	4.19	7.99	11.30	4.85	8.28	---	3.83	---	9.72	3.49	6.68
24	10.80	4.12	7.87	---	---	---	10.79	4.92	8.04	9.04	3.68	6.26
25	11.06	4.16	8.01	---	---	---	10.15	4.49	7.51	8.93	3.64	6.24
26	11.24	4.93	8.27	---	---	---	10.28	5.08	7.75	8.44	3.29	6.12
27	10.97	5.00	8.09	---	---	---	9.91	5.16	7.57	8.85	4.47	6.76
28	10.75	4.97	7.92	---	---	---	9.66	5.22	7.34	9.01	5.13	7.07
29	10.35	5.04	7.76	9.55	4.99	---	9.29	5.25	7.24	8.94	5.60	7.27
30	10.03	5.26	7.71	9.31	5.13	7.30	8.83	5.06	---	9.21	5.12	7.26
31	10.01	5.54	7.84	---	---	---	9.07	5.42	7.41	9.46	4.58	7.06
MONTH	---	---	---	---	---	---	---	---	---	10.96	3.26	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.15	4.12	6.96	9.90	5.59	7.86	9.16	3.54	6.66	9.86	4.18	7.47
2	9.66	3.86	7.12	9.54	4.59	7.35	9.40	3.62	6.92	10.16	3.80	7.40
3	9.87	3.93	7.63	9.58	4.88	7.54	10.07	3.92	7.51	10.36	3.38	7.35
4	10.61	4.93	8.14	10.30	5.02	7.81	10.16	3.50	7.18	11.26	4.26	7.91
5	11.19	4.88	8.33	10.15	4.09	7.36	10.68	3.54	7.36	11.03	3.96	7.82
6	11.00	4.59	7.99	10.42	3.15	7.39	10.24	2.94	7.01	10.58	3.70	7.36
7	10.63	3.75	7.52	10.75	4.26	7.84	10.23	3.28	6.90	10.26	3.80	7.14
8	10.32	3.71	7.38	10.37	3.69	7.40	10.22	3.20	6.85	10.46	4.18	7.39
9	10.21	4.19	7.48	10.32	3.34	7.08	9.96	3.42	6.62	10.72	4.84	7.72
10	10.14	4.51	7.55	10.28	3.98	7.37	9.86	4.30	7.08	9.96	4.80	7.35
11	10.30	5.07	8.12	10.30	3.93	7.21	9.78	4.50	7.01	9.70	5.08	7.53
12	10.63	3.89	6.69	10.05	3.68	6.90	9.42	4.40	6.80	9.52	4.88	7.37
13	---	---	---	9.15	4.07	6.82	9.20	4.62	7.12	9.28	4.68	7.19
14	---	---	---	9.40	4.11	6.95	9.36	4.94	7.47	---	---	---
15	9.82	4.41	7.22	9.16	4.01	6.97	9.52	4.68	7.38	---	---	---
16	9.90	4.10	7.33	9.38	4.59	7.19	9.34	4.38	7.12	10.30	5.12	7.97
17	9.88	4.00	7.20	9.59	4.86	7.55	9.62	4.20	7.18	---	---	---
18	9.71	4.00	7.26	9.75	4.41	7.13	9.62	4.20	7.21	---	---	---
19	---	---	---	9.39	4.39	7.01	9.50	3.98	6.91	---	---	---
20	---	---	---	9.41	4.00	6.89	9.36	3.70	6.63	---	---	---
21	10.11	4.51	7.55	9.53	3.96	7.05	9.46	3.86	6.60	---	---	---
22	9.67	4.17	7.18	9.89	4.78	7.65	9.44	4.16	6.68	---	---	---
23	9.46	4.25	7.09	9.57	4.39	7.23	9.54	4.34	6.80	---	---	---
24	9.32	4.51	7.02	9.38	3.80	6.81	9.56	4.70	7.02	---	---	---
25	9.18	4.57	6.74	9.57	4.15	6.85	9.56	4.74	6.91	---	---	---
26	9.12	4.54	6.72	9.62	4.98	7.34	9.34	4.94	7.02	---	---	---
27	9.06	4.86	6.80	9.71	4.90	7.25	9.46	4.84	6.97	---	---	---
28	---	---	---	9.26	4.76	6.79	9.16	4.74	6.92	---	---	---
29	---	---	---	8.82	4.68	6.59	9.52	4.92	7.49	---	---	---
30	---	---	---	8.72	4.64	6.60	9.96	4.70	7.72	---	---	---
31	---	---	---	8.96	4.38	6.87	---	---	---	---	---	---
MONTH	---	---	---	10.75	3.15	7.18	10.68	2.94	7.03	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), 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	---	---	---	10.54	3.60	7.36	10.32	4.22	7.50	10.06	4.78	7.75
2	---	---	---	10.52	3.60	7.25	10.92	4.48	7.64	9.98	5.06	7.70
3	---	---	---	10.28	3.88	7.15	10.88	5.64	8.47	9.68	4.76	7.49
4	---	---	---	10.18	4.16	7.17	10.82	5.62	8.45	9.48	4.72	7.32
5	---	---	---	9.86	4.14	7.11	10.64	5.82	8.42	9.32	5.02	7.25
6	---	---	---	9.82	4.08	6.98	10.30	5.72	8.29	9.26	5.06	7.23
7	---	---	---	9.44	3.90	6.68	9.98	5.64	8.12	9.30	5.08	7.28
8	---	---	---	9.08	3.98	6.87	9.72	5.32	7.81	9.48	5.16	7.39
9	---	---	---	9.38	4.64	7.25	9.70	5.54	7.81	9.48	5.22	7.36
10	---	---	---	9.34	4.72	7.23	9.88	5.54	7.77	9.64	4.68	7.33
11	---	---	---	9.32	4.64	7.15	10.04	5.58	7.87	9.90	4.46	7.31
12	---	---	---	9.66	4.90	7.50	10.22	5.36	7.86	11.00	4.94	8.24
13	9.70	4.54	7.11	9.66	4.98	7.45	9.98	4.72	7.53	11.00	4.92	8.34
14	9.96	4.78	7.57	9.70	4.72	7.28	10.04	4.10	7.28	10.92	4.60	8.18
15	9.72	4.86	7.44	10.00	4.36	7.32	10.14	3.94	7.29	11.02	5.04	8.41
16	9.48	4.14	6.97	10.24	4.48	7.46	10.38	3.72	7.29	10.88	4.82	8.24
17	---	---	---	10.58	4.80	7.75	10.58	3.94	7.47	10.86	4.78	8.11
18	---	---	---	10.90	4.92	8.03	10.38	4.22	7.58	10.70	4.76	8.03
19	---	---	---	10.68	4.74	7.95	10.72	4.36	7.74	10.72	5.06	8.04
20	---	---	---	10.52	4.50	7.66	10.72	4.98	8.17	10.62	5.06	8.01
21	---	---	---	10.26	4.44	7.53	10.82	5.06	8.25	10.52	5.12	8.03
22	---	---	---	10.24	4.46	7.31	10.78	5.20	8.27	10.52	5.34	8.16
23	---	---	---	9.80	4.12	7.27	10.92	5.30	8.38	10.38	5.38	8.09
24	---	---	---	10.30	4.78	8.12	10.98	5.48	8.45	10.46	5.20	8.08
25	---	---	---	11.12	4.82	8.06	10.64	5.24	8.13	10.84	5.50	8.44
26	---	---	---	10.16	4.42	7.58	10.30	4.72	7.68	10.92	6.08	8.72
27	10.54	5.16	7.90	10.28	4.18	7.46	10.56	4.80	7.89	10.48	5.12	8.25
28	10.68	4.58	8.04	10.40	4.32	7.55	10.78	4.58	7.90	10.28	4.62	7.82
29	10.76	4.56	7.97	10.60	4.16	7.57	10.76	4.92	8.07	10.34	5.10	8.14
30	10.40	3.86	7.56	10.66	4.16	7.61	10.68	4.96	8.04	10.36	5.26	8.06
31	---	---	---	10.58	4.12	7.56	10.18	4.64	7.68	---	---	---
MONTH	---	---	---	11.12	3.60	7.43	10.98	3.72	7.91	11.02	4.46	7.89

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.22	5.22	7.96	10.84	5.93	8.47	10.40	5.26	7.93	9.38	4.29	6.74
2	10.18	5.38	7.93	10.14	5.70	7.91	9.46	4.35	7.08	9.68	4.78	7.21
3	9.94	5.20	7.73	10.45	5.95	8.33	9.65	4.51	7.14	9.24	4.44	6.98
4	9.52	5.30	7.48	9.89	5.61	7.85	9.67	4.92	7.31	9.23	4.30	6.99
5	9.38	5.14	7.39	9.70	5.28	7.26	9.50	4.79	7.23	9.81	3.56	6.75
6	9.94	5.62	7.68	9.75	5.22	7.49	9.16	4.63	6.94	9.64	3.42	6.73
7	9.96	5.90	8.00	9.75	5.00	7.64	9.40	4.46	7.31	9.61	3.32	6.87
8	10.36	6.36	8.48	10.06	4.65	7.59	10.05	4.02	7.58	10.00	3.38	7.30
9	10.36	5.88	8.33	10.35	4.98	8.15	10.22	3.84	7.41	10.07	3.19	6.97
10	10.48	5.20	8.34	10.60	4.69	8.08	10.32	3.54	7.26	10.19	3.17	7.14
11	10.54	4.90	8.09	10.57	4.19	7.72	10.50	3.32	7.34	10.80	4.26	7.75
12	11.10	5.04	8.47	10.57	3.89	7.61	10.56	3.71	7.37	10.48	4.27	7.60
13	11.28	5.20	8.78	10.86	3.83	7.59	10.58	3.84	7.37	9.63	3.56	6.74
14	---	---	---	10.84	3.96	7.61	9.34	3.16	6.53	9.83	4.17	6.95
15	---	---	---	10.60	4.17	7.52	10.45	4.35	7.47	9.62	4.55	7.02
16	11.13	4.63	8.13	10.65	4.68	7.73	10.01	4.29	7.18	9.44	4.57	7.14
17	11.05	4.69	8.16	10.11	4.62	7.40	9.44	4.23	6.76	9.10	4.67	6.87
18	11.07	5.47	8.41	9.84	4.67	7.31	8.97	4.08	6.56	8.83	5.04	6.93
19	10.68	5.53	8.18	9.73	5.03	7.47	9.05	4.71	7.01	9.27	4.14	7.23
20	10.36	5.17	7.86	9.44	4.70	7.32	9.15	4.18	7.10	8.45	4.57	6.47
21	10.17	5.36	7.90	9.34	4.94	7.36	8.91	4.43	6.88	8.96	4.61	6.95
22	10.18	5.51	8.11	9.97	4.33	7.47	9.27	4.35	7.10	9.40	4.29	7.11
23	10.28	5.49	8.13	9.80	4.59	7.75	9.01	3.96	6.76	9.35	4.27	7.18
24	10.20	5.38	8.09	10.11	5.34	7.97	9.08	4.04	6.76	10.14	5.12	8.08
25	10.28	5.32	8.14	10.08	5.07	7.85	9.04	3.44	6.25	10.48	5.09	8.00
26	10.67	5.43	8.54	10.06	4.95	7.67	8.75	3.08	6.34	10.23	4.57	7.50
27	10.71	6.05	8.59	9.82	4.59	7.31	8.57	3.30	6.39	9.58	2.90	6.20
28	10.53	5.41	8.34	9.88	4.48	7.33	8.93	3.44	6.45	9.24	2.53	6.21
29	10.88	5.86	8.77	9.89	4.79	7.41	9.48	3.61	6.67	9.69	3.58	6.66
30	11.17	6.20	8.89	10.01	4.94	7.57	9.46	3.37	6.70	9.42	3.14	6.56
31	10.81	6.04	8.59	---	---	---	9.45	4.03	7.30	9.35	3.97	6.83
MONTH	---	---	---	10.86	3.83	7.66	10.58	3.08	7.02	10.80	2.53	7.02

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.26	4.04	6.74	10.23	4.26	7.31	9.65	4.37	6.95	10.18	4.94	7.54
2	9.18	3.74	6.49	9.61	4.30	7.07	9.63	4.69	7.26	9.45	4.37	7.22
3	9.16	3.90	6.55	9.43	3.86	6.64	9.77	4.84	7.42	9.90	5.13	7.83
4	9.54	3.96	6.88	9.25	4.36	6.85	9.85	4.71	7.51	9.75	4.62	7.63
5	9.75	3.58	6.93	9.16	4.48	7.07	9.80	4.37	7.35	9.49	4.35	7.28
6	9.75	3.50	7.11	9.60	3.50	6.85	9.53	3.98	7.11	9.53	3.88	6.92
7	9.90	3.63	7.06	9.40	3.62	6.79	9.68	3.52	7.01	9.61	3.87	6.88
8	10.03	3.28	7.23	9.71	3.41	7.09	10.08	4.08	7.36	9.82	4.18	7.06
9	10.25	3.99	7.44	9.75	3.80	7.02	10.03	4.15	7.24	10.84	4.86	8.06
10	10.43	4.04	7.55	9.47	3.58	6.70	10.05	4.54	7.54	10.61	5.65	8.17
11	10.06	3.71	7.28	9.30	3.28	6.51	10.02	4.75	7.52	10.28	5.39	7.98
12	9.76	4.17	7.11	9.41	3.42	6.68	9.90	4.80	7.38	10.23	5.25	7.63
13	9.46	4.14	6.78	9.30	3.80	6.76	9.84	5.16	7.53	10.18	5.76	7.89
14	9.54	5.09	7.43	9.52	4.29	7.07	9.89	5.52	7.62	10.13	5.59	7.79
15	9.26	4.39	6.70	9.48	4.18	6.61	9.95	5.54	7.69	9.99	5.62	7.72
16	9.18	5.47	7.25	8.90	4.83	6.79	9.60	5.16	7.11	9.83	5.39	7.55
17	9.23	5.43	7.30	8.97	5.08	6.89	9.07	5.55	7.32	9.55	5.16	7.43
18	9.21	5.32	7.32	9.00	5.39	7.04	9.20	5.38	7.58	9.57	5.09	7.55
19	9.19	5.44	7.43	9.03	4.67	7.00	9.88	5.73	8.12	9.91	5.05	7.76
20	9.53	5.48	7.76	8.34	4.90	6.58	10.07	5.49	8.12	10.24	4.69	7.84
21	10.01	4.90	7.94	9.03	4.95	7.04	10.31	4.97	8.06	10.66	4.44	7.86
22	9.81	4.73	7.61	9.14	4.60	7.27	10.32	4.57	7.77	10.81	4.00	7.71
23	10.28	4.73	7.89	9.66	4.59	7.41	10.68	4.34	7.86	11.06	3.99	7.75
24	10.52	4.77	7.97	9.69	3.95	7.19	10.90	4.07	7.79	10.79	3.51	7.43
25	10.02	4.19	7.56	10.05	3.78	7.33	10.92	3.97	7.69	10.99	3.93	7.50
26	10.48	4.62	7.87	10.19	3.73	7.29	11.06	4.31	7.77	11.00	4.66	7.82
27	9.66	3.60	7.13	10.35	3.70	7.25	10.93	4.63	7.84	11.04	4.94	8.02
28	10.10	4.24	7.33	10.67	3.78	7.44	10.96	4.76	7.92	10.75	4.94	7.90
29	---	---	---	10.55	4.05	7.39	10.59	4.80	7.67	10.35	4.76	7.77
30	---	---	---	10.16	4.15	7.13	10.16	4.94	7.67	10.28	5.13	8.06
31	---	---	---	10.00	4.21	6.97	---	---	---	10.08	5.06	7.98
MONTH	10.52	3.28	7.27	10.67	3.28	7.00	11.06	3.52	7.56	11.06	3.51	7.66

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.07	5.25	7.93	9.91	4.88	7.57	9.66	5.02	7.38	10.51	5.62	8.22
2	9.93	4.89	7.73	9.87	4.80	7.40	9.74	4.64	7.32	10.61	5.53	8.26
3	10.78	5.65	8.50	10.06	4.56	7.38	9.45	4.15	6.91	10.67	4.99	8.05
4	10.65	5.70	8.46	10.62	5.74	8.22	9.72	4.18	6.87	10.77	5.17	8.23
5	10.65	5.47	8.22	10.31	5.34	7.99	10.06	4.39	7.20	10.81	5.31	8.27
6	10.59	5.41	8.14	10.09	4.81	7.62	9.86	4.37	7.30	10.77	5.32	8.32
7	10.38	5.10	7.85	9.97	4.67	7.39	9.91	4.22	7.15	10.63	5.05	8.28
8	9.94	4.88	7.47	9.94	4.54	7.21	9.51	4.10	6.96	10.52	5.20	8.08
9	10.00	4.91	7.36	9.75	4.47	7.13	9.39	4.02	6.77	10.37	5.00	7.88
10	10.28	5.31	7.76	9.89	4.39	6.96	9.38	3.85	6.87	10.31	4.97	7.74
11	9.99	5.53	7.89	9.80	4.72	7.28	9.41	3.92	6.93	9.95	4.54	7.29
12	9.81	5.17	7.60	9.73	4.54	7.14	9.51	4.25	7.04	9.59	4.12	6.98
13	9.41	4.59	7.07	9.36	4.21	6.75	9.68	4.42	7.12	10.05	4.20	7.26
14	9.34	4.85	7.16	9.09	3.82	6.63	9.99	4.66	7.35	10.29	4.67	7.74
15	9.56	4.90	7.40	9.54	4.20	6.96	10.33	4.41	7.56	10.46	4.43	7.85
16	9.61	4.63	7.43	9.73	4.05	7.05	10.64	4.42	7.82	10.65	4.40	7.80
17	9.82	4.32	7.30	9.89	3.75	7.04	10.36	4.16	7.62	11.04	4.76	8.28
18	10.49	4.34	7.62	10.25	3.42	7.08	10.45	3.61	7.26	10.62	4.90	8.18
19	10.96	4.80	8.20	10.62	3.45	7.30	10.72	4.23	7.66	10.29	4.80	7.84
20	11.07	4.09	7.94	10.99	3.98	7.67	10.66	4.37	7.88	10.00	4.50	7.52
21	11.62	4.31	8.11	10.88	4.02	7.77	10.07	4.13	7.52	9.72	4.31	7.30
22	11.38	4.59	8.38	10.65	4.29	7.63	10.09	3.82	7.27	9.81	4.79	7.48
23	10.94	4.24	7.93	10.55	4.18	7.54	10.17	4.48	7.76	9.96	5.38	7.68
24	10.66	4.24	7.60	10.38	4.41	7.64	9.99	4.85	7.69	9.36	5.01	7.41
25	10.74	4.34	7.67	10.38	4.68	7.65	10.26	5.63	7.97	8.97	5.00	6.98
26	10.78	5.11	8.19	9.92	4.48	7.45	9.60	5.25	7.62	9.11	4.85	6.92
27	10.64	5.11	7.98	9.54	4.20	7.27	9.24	5.01	7.22	9.17	4.93	7.00
28	10.02	4.91	7.68	9.42	4.71	7.24	8.78	4.76	6.88	9.55	5.00	7.41
29	9.56	4.75	7.48	9.42	4.94	7.20	9.88	5.97	7.94	9.87	5.55	7.84
30	9.84	4.60	7.43	9.57	4.89	7.31	10.04	6.17	8.16	9.85	4.73	7.54
31	---	---	---	9.71	5.14	7.51	10.16	5.65	8.01	---	---	---
MONTH	11.62	4.09	7.78	10.99	3.42	7.35	10.72	3.61	7.39	11.04	4.12	7.72

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.84	4.44	7.55	10.63	4.76	8.08	11.40	5.22	8.72	12.03	5.00	8.30
2	10.01	4.26	7.36	10.79	4.52	7.91	11.42	5.00	8.33	10.32	3.93	7.07
3	9.84	4.18	7.37	10.99	4.48	8.10	10.40	3.92	7.33	10.40	3.70	7.27
4	9.90	3.95	7.27	11.22	5.06	8.25	10.46	3.67	7.26	10.60	4.87	7.88
5	9.91	3.78	7.14	10.91	5.07	7.99	10.39	4.16	7.39	10.50	5.86	8.31
6	10.28	3.81	7.48	10.39	4.70	7.58	10.20	4.61	7.46	10.26	5.34	8.03
7	10.55	4.99	7.92	10.27	4.84	7.63	9.85	4.55	7.29	9.95	4.53	7.41
8	10.58	5.37	8.02	10.23	5.12	7.72	9.53	4.63	7.21	9.30	5.15	7.38
9	10.06	4.79	7.53	9.82	4.74	7.44	9.45	4.71	7.29	9.72	5.07	7.53
10	10.11	4.75	7.63	9.63	4.78	7.50	9.59	4.53	7.24	9.73	4.36	7.30
11	10.34	5.59	8.10	10.06	4.68	7.97	9.87	4.41	7.48	8.42	3.74	6.29
12	10.47	5.49	8.13	9.83	4.72	7.65	9.76	4.41	7.47	8.87	3.67	6.62
13	10.60	5.31	8.24	9.93	4.60	7.63	9.78	4.30	7.55	9.31	3.84	7.15
14	10.12	4.97	7.92	10.20	4.83	7.93	10.21	5.14	7.91	9.61	4.40	7.20
15	10.16	4.39	7.60	10.38	5.04	7.84	10.14	5.13	7.76	9.52	4.16	7.04
16	10.22	4.66	7.84	9.91	4.68	7.44	10.00	4.81	7.66	9.76	4.44	7.35
17	10.22	4.82	7.79	10.06	4.49	7.50	10.06	5.07	7.72	10.09	4.97	7.75
18	10.13	4.64	7.66	10.35	5.03	7.82	10.32	5.37	7.80	10.43	5.32	8.09
19	10.07	4.74	7.68	9.99	5.20	7.89	10.14	4.90	7.58	9.89	4.55	7.19
20	10.17	5.10	7.81	11.00	6.37	8.57	10.28	5.77	7.99	9.44	4.45	6.92
21	10.12	5.30	7.79	9.83	5.70	7.62	10.24	6.06	8.16	9.40	4.95	7.39
22	9.83	5.59	7.65	9.90	5.82	7.88	10.23	5.94	8.13	9.92	4.28	7.72
23	9.66	5.54	7.48	9.91	6.00	7.87	10.18	6.25	8.22	8.82	3.90	6.25
24	9.31	5.55	7.36	9.33	5.52	7.35	9.99	5.60	7.80	9.12	4.29	6.72
25	9.58	5.87	7.65	9.25	5.15	7.33	9.41	4.76	7.22	9.56	4.56	7.30
26	9.66	5.94	7.82	9.41	4.67	7.54	9.42	4.75	7.23	9.98	4.29	7.25
27	9.42	5.36	7.51	9.19	4.41	7.10	10.25	5.00	7.97	10.31	4.27	7.63
28	9.27	4.94	7.21	9.87	4.85	7.70	10.54	4.61	7.97	10.29	3.86	7.51
29	9.53	4.86	7.34	10.40	4.74	7.83	10.70	4.46	8.06	10.73	3.92	7.74
30	9.83	4.92	7.62	10.86	4.44	8.22	10.80	4.39	7.74	10.29	3.57	7.13
31	10.34	4.83	8.16	---	---	---	10.66	3.60	7.68	9.82	3.02	6.76
MONTH	10.60	3.78	7.67	11.22	4.41	7.76	11.42	3.60	7.70	12.03	3.02	7.34

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.23	3.87	7.23	10.69	4.13	7.86	9.73	3.65	6.89	9.71	4.57	7.09
2	9.97	3.97	7.23	9.97	3.80	7.14	9.60	4.40	7.05	9.59	5.13	7.25
3	9.73	4.56	7.27	9.72	4.04	7.20	9.57	4.84	7.00	9.47	5.11	7.07
4	9.61	5.20	7.48	9.74	4.50	7.04	8.42	3.82	6.06	9.24	5.04	7.03
5	9.60	5.41	7.69	9.68	4.98	7.28	8.14	4.73	6.37	9.20	6.22	7.69
6	9.84	6.16	7.96	9.39	5.24	7.18	8.55	5.10	6.74	9.64	5.84	7.70
7	10.07	5.91	8.08	9.52	5.74	7.52	8.35	5.01	6.79	9.41	5.46	7.53
8	9.86	4.24	7.57	9.50	5.18	7.32	8.66	4.64	6.80	9.29	5.10	7.49
9	8.16	4.35	6.23	8.82	4.71	6.85	8.63	4.74	6.85	9.84	5.02	7.85
10	9.10	4.47	7.13	8.89	5.76	7.30	9.32	4.89	7.33	9.68	4.50	7.35
11	9.15	4.29	6.82	9.57	5.66	7.97	9.36	4.47	7.21	10.16	4.31	7.41
12	9.18	4.18	6.78	9.82	5.36	7.72	9.15	3.57	6.58	10.36	4.25	7.52
13	9.62	3.79	7.15	9.83	5.01	7.75	9.63	3.19	6.47	10.55	3.94	7.43
14	9.70	4.35	7.27	10.18	4.98	7.98	10.21	3.79	7.09	10.53	3.99	7.37
15	9.93	4.14	7.45	10.15	4.96	7.82	10.55	4.52	7.68	10.48	3.90	7.36
16	10.97	5.32	8.37	10.14	4.46	7.49	10.19	4.28	7.43	10.34	4.11	7.14
17	9.98	4.68	7.73	10.46	5.14	7.96	10.25	4.25	7.35	10.37	4.51	7.40
18	9.88	4.78	7.46	10.47	4.94	7.86	10.30	4.70	7.58	10.13	4.36	7.17
19	9.64	4.73	7.26	10.38	5.00	7.90	10.26	4.92	7.50	9.74	4.23	7.07
20	9.48	5.00	7.27	10.34	5.49	8.12	10.08	4.83	7.54	---	---	---
21	9.78	5.67	7.66	10.50	5.07	7.67	9.99	4.90	7.64	---	---	---
22	10.05	5.46	7.90	10.19	5.39	7.83	9.97	4.98	7.77	---	---	---
23	9.32	3.68	6.63	10.32	5.58	8.06	10.06	4.97	7.92	---	---	---
24	9.59	4.33	7.12	10.36	5.57	8.20	10.13	4.48	7.78	---	---	---
25	10.13	4.33	7.51	10.56	5.35	8.28	9.93	4.42	7.52	---	---	---
26	10.43	4.40	7.88	10.43	4.92	8.09	10.29	4.30	7.58	---	---	---
27	10.91	4.66	8.16	10.42	4.71	8.02	10.81	4.82	8.00	---	---	---
28	11.17	4.97	8.30	10.22	3.95	7.61	10.71	4.79	8.01	---	---	---
29	---	---	---	10.53	4.20	7.73	10.41	5.06	7.88	---	---	---
30	---	---	---	10.48	4.52	7.88	9.52	4.24	7.13	9.75	4.90	7.33
31	---	---	---	9.43	3.53	6.74	---	---	---	9.53	4.89	7.11
MONTH	11.17	3.68	7.45	10.69	3.53	7.66	10.81	3.19	7.25	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.54	4.86	7.06	9.30	4.73	6.97	9.22	4.60	7.09	9.79	4.74	7.33
2	9.28	4.88	6.86	9.26	4.59	6.91	9.46	4.44	7.07	9.96	4.75	7.42
3	9.17	4.96	6.92	9.05	4.65	6.85	9.49	4.54	7.03	10.24	4.73	7.68
4	9.23	5.26	7.20	9.05	4.63	6.83	9.63	4.10	6.93	11.00	5.07	8.30
5	9.44	5.19	7.52	9.26	4.14	6.83	9.80	3.85	6.96	11.74	5.52	8.93
6	9.79	5.27	7.71	9.64	4.18	6.94	9.98	3.45	6.93	12.01	5.75	9.07
7	9.78	4.67	7.47	10.11	4.38	7.28	10.45	3.62	7.30	11.34	5.50	8.80
8	9.91	4.29	7.31	10.44	4.29	7.45	10.76	3.84	7.51	10.65	4.70	8.15
9	9.87	3.52	6.93	10.64	3.89	7.43	10.60	3.94	7.55	10.41	4.42	7.71
10	10.20	2.97	6.80	10.74	3.76	7.42	10.32	3.90	7.30	10.35	4.10	7.58
11	10.83	4.18	7.66	10.80	3.93	7.48	10.70	3.93	7.47	10.20	4.34	7.57
12	10.74	3.88	7.50	10.85	4.23	7.57	10.80	4.62	8.17	9.90	4.63	7.38
13	10.22	3.46	7.00	10.77	4.38	7.70	10.85	5.17	8.35	9.51	4.78	7.23
14	9.91	3.26	6.76	10.78	4.44	7.61	10.36	5.12	8.09	9.61	4.94	7.34
15	9.93	3.61	6.79	10.46	4.30	7.52	9.93	5.06	7.65	9.60	5.16	7.47
16	9.91	3.91	6.92	10.20	4.56	7.67	9.67	4.74	7.39	9.40	5.41	7.53
17	9.77	3.85	7.05	10.42	4.64	7.95	9.65	4.78	7.50	9.29	5.32	7.28
18	9.53	3.91	7.11	9.96	4.94	7.81	9.48	5.11	7.34	8.99	4.78	6.97
19	9.79	4.27	7.35	9.99	4.79	7.62	9.62	5.21	7.37	9.35	4.40	6.95
20	9.18	4.82	7.27	9.89	4.84	7.53	9.75	5.24	7.51	9.77	4.88	7.47
21	9.57	3.92	6.97	9.81	4.77	7.43	10.02	4.96	7.59	10.01	5.11	7.76
22	9.66	4.03	6.91	9.98	4.92	7.51	9.89	4.88	7.57	9.80	4.83	7.58
23	9.91	4.22	7.10	10.20	5.35	7.76	9.60	4.40	7.09	9.96	4.63	7.65
24	9.97	4.14	7.02	10.38	5.18	7.86	10.14	4.95	7.56	9.98	4.77	7.71
25	10.24	5.04	7.55	10.24	5.06	7.77	10.01	4.82	7.68	9.90	4.69	7.51
26	9.97	4.87	7.58	9.81	4.92	7.48	9.76	4.76	7.45	9.92	4.53	7.37
27	9.83	4.53	7.13	9.40	4.20	6.94	9.34	4.52	7.15	9.90	4.83	7.46
28	9.91	4.94	7.37	9.37	4.40	6.90	9.05	4.41	6.86	10.10	5.01	7.57
29	9.76	5.07	7.35	9.71	4.41	7.14	9.10	4.05	6.73	9.77	4.84	7.26
30	9.55	4.81	7.11	9.61	5.00	7.45	9.68	4.94	7.17	9.52	4.75	7.05
31	---	---	---	9.58	5.06	7.32	9.70	4.97	7.40	---	---	---
MONTH	10.83	2.97	7.18	10.85	3.76	7.38	10.85	3.45	7.38	12.01	4.10	7.64

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.59	4.30	6.91	9.59	4.23	7.13	9.61	3.67	7.06	9.53	4.13	6.91
2	9.70	4.46	7.16	9.92	4.42	7.55	9.26	3.61	6.84	9.30	3.73	7.11
3	9.26	3.84	6.94	10.02	4.36	7.55	9.64	3.77	6.95	9.92	4.78	7.66
4	9.77	3.73	7.10	10.14	4.22	7.62	9.12	3.27	6.22	9.87	4.66	7.19
5	10.20	3.76	7.39	10.40	4.46	7.64	9.50	3.52	6.72	9.28	3.66	6.72
6	9.99	4.09	7.44	10.05	4.07	7.45	9.60	3.75	6.83	9.37	4.28	6.82
7	9.51	3.34	6.78	9.98	4.39	7.29	9.44	3.93	6.87	9.52	4.74	7.09
8	9.72	3.12	6.76	9.84	4.57	7.12	9.69	4.71	7.13	9.11	4.25	6.84
9	9.68	3.62	6.89	9.49	4.47	7.05	9.33	4.61	6.89	8.93	4.46	6.72
10	9.57	3.99	6.97	9.48	4.98	7.15	9.22	4.62	6.85	9.11	4.98	6.99
11	9.65	4.53	7.14	8.95	5.06	6.82	9.07	4.31	6.66	8.99	5.22	7.16
12	9.73	5.08	7.47	9.34	5.17	7.19	8.40	4.42	6.52	9.09	4.94	7.12
13	9.86	5.79	7.81	9.43	5.56	7.53	8.58	4.57	6.67	8.94	4.06	6.63
14	9.98	6.11	8.05	9.20	5.50	7.42	8.64	5.01	6.92	8.66	4.91	6.77
15	9.90	6.48	8.24	8.98	5.23	7.26	9.05	3.82	6.79	9.78	4.57	7.24
16	9.90	6.35	8.20	9.21	5.20	7.44	8.40	3.13	5.91	9.97	3.96	7.37
17	9.74	5.64	8.04	9.66	5.17	7.64	8.54	3.68	6.22	10.03	3.89	7.19
18	9.87	5.54	7.87	9.51	4.36	7.12	9.56	4.14	6.96	9.84	3.31	6.90
19	10.03	5.49	7.99	9.74	4.23	7.49	9.81	3.76	7.02	10.25	3.33	7.20
20	9.92	5.15	7.88	10.10	4.69	7.49	9.93	3.64	6.92	10.18	3.46	6.96
21	9.85	4.80	7.54	9.90	3.53	7.13	9.74	3.09	6.60	10.03	3.20	6.83
22	10.08	4.40	7.75	10.26	3.92	7.39	10.24	3.44	7.06	9.84	3.33	6.82
23	10.22	4.66	7.65	10.28	4.16	7.26	10.20	3.61	7.08	9.31	3.49	6.64
24	10.31	4.67	7.62	9.88	3.80	6.91	10.11	4.01	7.12	9.31	3.66	6.68
25	10.00	4.46	7.23	9.79	3.92	6.89	9.74	3.89	6.88	9.40	4.26	6.95
26	10.63	4.95	7.84	9.72	4.27	7.02	9.19	3.48	6.44	8.36	3.20	5.79
27	10.23	5.04	7.83	9.74	4.45	7.26	9.10	3.89	6.73	8.57	4.07	6.34
28	9.76	4.63	7.15	9.93	5.03	7.73	9.59	4.58	7.29	8.92	3.68	6.36
29	9.91	4.81	7.29	9.80	4.57	7.52	9.03	3.33	6.19	8.75	3.84	6.35
30	9.49	4.47	7.03	9.77	4.05	7.43	9.29	4.27	7.14	8.79	3.78	6.38
31	9.35	4.03	6.89	---	---	---	9.58	4.05	7.11	8.90	3.73	6.45
MONTH	10.63	3.12	7.45	10.40	3.53	7.32	10.24	3.09	6.79	10.25	3.20	6.84

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.03	3.75	6.52	9.41	4.62	7.42	9.31	3.83	6.75	10.16	4.45	7.33
2	9.05	3.67	6.51	9.62	4.69	7.36	9.22	3.88	6.70	10.20	4.56	7.49
3	8.96	3.57	6.50	9.27	4.19	6.95	9.54	3.85	6.77	10.11	4.43	7.32
4	9.45	4.10	6.84	9.31	4.04	6.81	9.67	4.02	6.81	10.01	4.23	7.20
5	9.43	3.57	6.93	9.33	3.82	6.58	9.69	4.15	6.81	9.59	3.92	6.94
6	9.05	4.23	6.82	9.54	4.58	7.21	8.99	4.45	6.92	9.45	4.08	6.88
7	9.23	4.49	6.84	9.27	4.28	7.04	8.90	3.57	6.23	9.56	4.60	7.18
8	8.84	4.28	6.83	9.11	4.20	6.68	9.18	4.78	7.08	9.97	4.92	7.52
9	8.88	4.86	6.93	9.12	4.57	6.74	9.62	5.32	7.40	10.04	4.82	7.53
10	9.06	5.03	7.15	9.11	3.32	6.41	9.69	5.14	7.49	9.82	4.35	7.39
11	9.38	5.28	7.33	9.02	5.28	7.20	9.82	5.06	7.70	9.74	3.70	7.26
12	9.36	3.47	6.46	9.34	4.52	6.97	9.92	4.59	7.80	9.94	3.87	7.36
13	8.04	3.80	6.07	9.22	3.46	6.60	9.86	4.16	7.48	9.88	3.57	7.19
14	9.30	3.79	6.79	8.99	3.14	6.55	10.51	4.52	8.01	10.01	3.53	7.06
15	9.84	3.98	7.10	9.36	3.47	6.69	10.62	4.23	7.90	10.45	3.71	7.28
16	9.00	2.94	6.21	9.59	3.08	6.80	10.42	4.01	7.53	10.20	3.98	7.33
17	9.84	2.70	6.76	9.74	3.10	6.87	10.32	4.01	7.32	10.08	4.38	7.23
18	9.97	3.05	6.95	10.17	3.19	6.96	9.92	3.79	7.16	9.95	4.32	7.19
19	10.23	3.63	7.30	9.81	3.21	6.81	9.56	3.45	6.76	9.77	4.62	7.21
20	9.71	3.49	6.98	9.22	2.55	6.15	9.95	4.52	7.18	9.51	4.75	7.08
21	9.52	3.54	6.72	9.27	2.98	6.08	9.87	4.63	7.07	9.46	5.00	7.14
22	9.51	3.99	6.87	9.53	4.23	6.83	9.23	4.98	7.01	9.36	4.96	7.10
23	9.33	4.05	6.68	9.72	4.11	6.76	9.33	4.85	7.14	9.06	4.92	7.02
24	9.07	4.03	6.46	8.87	4.17	6.30	9.06	4.82	6.72	8.82	4.51	6.70
25	8.82	4.65	6.91	8.50	4.38	6.43	9.07	5.30	7.37	8.94	4.74	6.71
26	8.69	5.00	7.05	8.64	4.55	6.51	9.57	5.70	7.75	9.75	5.49	7.65
27	9.05	4.39	6.88	8.20	4.11	6.24	9.40	5.01	7.58	9.72	5.22	7.65
28	9.17	5.17	7.37	8.57	4.46	6.63	8.88	4.48	6.89	9.58	4.55	7.29
29	9.56	5.08	7.49	8.78	4.32	6.74	9.36	4.20	7.10	10.13	4.41	7.22
30	---	---	---	8.76	4.12	6.69	9.74	4.35	7.03	10.10	4.18	7.31
31	---	---	---	9.02	4.01	6.70	---	---	---	10.32	4.10	7.28
MONTH	10.23	2.70	6.84	10.17	2.55	6.73	10.62	3.45	7.18	10.45	3.53	7.23

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.22	4.09	7.26	10.66	4.31	7.50	10.00	3.80	7.23	10.28	4.97	7.73
2	10.36	4.04	7.13	10.58	4.41	7.55	9.90	3.73	7.30	10.01	4.79	7.54
3	10.46	4.64	7.62	10.18	4.32	7.57	10.26	4.37	7.68	9.88	4.63	7.45
4	10.44	5.23	7.94	10.33	4.49	7.59	10.23	4.65	7.71	9.51	4.89	7.35
5	10.51	4.73	7.59	10.18	4.53	7.63	9.88	4.54	7.40	9.07	4.26	6.89
6	10.02	4.35	7.16	10.03	4.49	7.61	9.71	4.34	7.17	9.35	4.90	7.27
7	9.58	4.22	7.18	9.94	4.44	7.46	9.49	4.48	7.03	10.22	5.39	7.98
8	9.74	4.18	7.22	9.67	4.12	7.16	9.76	4.64	7.27	10.01	5.18	7.90
9	9.66	3.94	7.18	9.58	4.16	7.02	9.82	4.77	7.43	9.91	4.99	7.77
10	9.96	3.71	7.29	9.62	3.95	6.91	9.57	4.04	7.03	9.90	4.85	7.62
11	10.37	4.49	7.69	9.50	3.62	6.78	9.71	4.10	7.04	9.91	4.98	7.64
12	10.27	4.13	7.51	9.23	3.51	6.61	9.70	4.41	7.15	9.84	5.09	7.73
13	10.03	4.00	7.25	9.46	3.60	6.49	9.98	4.61	7.30	9.62	4.88	7.51
14	9.79	3.94	6.98	9.52	3.79	6.76	9.41	4.53	7.31	9.59	4.88	7.45
15	9.91	4.18	7.05	9.60	4.15	6.83	9.06	4.38	6.87	9.74	5.08	7.60
16	10.06	4.78	7.32	9.40	4.44	6.89	8.98	4.36	6.83	10.12	5.81	8.01
17	9.66	4.79	7.31	9.25	4.39	6.83	8.98	4.30	6.77	9.81	5.54	7.66
18	9.48	4.80	7.09	9.13	4.30	6.85	8.92	4.43	6.75	9.67	5.26	7.62
19	9.31	4.76	7.15	8.80	4.43	6.81	9.00	4.52	6.83	10.09	5.45	7.81
20	9.36	5.14	7.25	8.81	4.60	6.78	9.11	4.78	6.97	10.13	5.40	7.83
21	9.26	5.26	7.40	8.80	4.51	6.76	9.49	4.63	7.02	10.12	4.92	7.67
22	9.32	5.26	7.46	8.73	4.30	6.68	10.12	5.06	7.63	10.75	5.06	8.17
23	9.39	5.18	7.43	9.06	4.46	6.65	10.28	5.30	7.95	10.83	4.78	8.18
24	9.50	5.03	7.39	9.36	4.06	6.68	10.37	4.68	7.75	10.52	4.29	7.84
25	10.16	5.60	7.92	9.99	4.62	7.25	10.44	4.22	7.53	10.40	3.94	7.59
26	10.00	5.20	7.77	10.24	4.50	7.51	10.48	3.60	7.29	10.54	3.88	7.74
27	10.42	4.15	7.54	10.32	3.82	7.29	10.36	3.28	7.16	10.78	4.39	7.94
28	10.55	4.77	7.89	10.38	3.61	7.20	10.60	4.39	7.91	10.78	4.57	8.02
29	10.43	4.14	7.57	10.49	3.50	7.17	10.08	3.71	7.24	10.73	4.95	8.22
30	10.27	3.75	7.23	10.43	3.62	7.22	---	---	---	10.22	4.80	7.75
31	---	---	---	10.30	3.86	7.32	---	---	---	---	---	---
MONTH	10.55	3.71	7.39	10.66	3.50	7.08	---	---	---	10.83	3.88	7.72

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.25	5.32	7.86	9.83	5.76	7.95	8.69	4.84	6.74	9.39	5.16	7.32
2	10.03	5.37	7.77	9.29	5.52	7.57	8.60	4.97	6.76	9.41	5.13	7.33
3	9.73	5.47	7.86	9.46	5.72	7.76	8.72	4.83	6.87	9.41	3.18	7.18
4	9.59	5.40	7.74	9.56	5.60	7.85	8.76	4.78	6.92	8.94	3.15	6.54
5	9.96	5.83	8.07	10.10	4.77	7.77	9.80	4.86	7.53	10.00	5.14	7.71
6	10.15	5.94	8.19	9.18	4.29	7.08	9.80	4.44	7.26	10.44	4.77	7.48
7	10.32	6.20	8.47	8.85	3.90	6.67	9.54	4.27	7.08	9.86	3.78	7.15
8	10.16	5.91	8.30	9.47	4.14	7.06	9.54	4.04	7.02	10.28	4.10	7.39
9	10.16	5.58	8.20	9.62	4.16	7.12	10.14	4.01	7.20	10.16	3.97	7.28
10	10.37	5.55	8.24	9.99	4.50	7.36	10.26	4.20	7.57	10.69	4.67	7.83
11	10.05	5.23	7.84	9.72	4.28	7.25	10.12	4.41	7.28	10.34	4.32	7.50
12	9.92	4.76	7.53	10.35	5.12	7.80	10.68	4.70	7.74	10.02	4.05	7.38
13	10.09	4.92	7.58	10.28	5.01	7.63	10.58	4.75	7.74	9.52	3.72	6.62
14	9.93	5.03	7.48	9.92	4.80	7.25	9.92	4.49	7.21	9.70	4.76	7.46
15	9.95	5.18	7.48	9.96	4.90	7.40	9.37	4.08	6.85	9.79	4.01	6.97
16	9.84	5.30	7.54	10.10	5.11	7.61	9.62	4.64	7.20	9.28	3.88	6.55
17	9.88	5.38	7.55	9.43	4.19	7.12	10.06	3.90	7.31	9.59	4.21	7.13
18	9.97	5.43	7.66	9.75	4.75	7.40	9.72	3.85	7.18	9.63	3.58	6.98
19	9.76	5.18	7.55	10.10	4.48	7.86	9.51	3.52	6.80	9.25	3.72	6.71
20	10.50	5.51	8.23	10.29	3.49	7.53	9.61	3.71	6.86	9.49	3.39	6.70
21	10.63	4.69	8.40	9.48	3.59	6.79	9.80	3.56	7.00	9.67	3.41	7.13
22	10.22	4.81	7.90	10.26	3.58	7.47	9.83	3.54	7.19	10.15	4.44	7.58
23	10.60	4.45	8.15	10.55	4.21	7.61	10.36	4.11	7.53	10.27	5.13	7.78
24	10.64	4.53	7.83	10.48	4.20	7.63	10.05	3.99	7.25	10.28	4.92	7.71
25	10.46	3.72	7.62	10.32	4.45	7.52	9.67	4.13	6.96	9.70	4.54	7.24
26	10.64	4.16	7.70	10.24	4.45	7.43	9.88	4.50	7.21	9.33	4.75	7.06
27	10.58	4.48	7.69	10.03	4.82	7.45	9.94	4.81	7.41	9.11	4.66	6.93
28	10.43	4.87	7.69	9.01	4.49	6.55	9.34	4.35	6.75	9.44	5.58	7.46
29	10.23	4.85	7.65	9.35	4.19	6.90	9.14	4.77	6.94	9.18	5.13	7.10
30	10.35	5.65	8.03	9.19	5.19	7.17	9.14	5.40	7.35	8.96	4.68	6.74
31	10.47	6.23	8.39	---	---	---	9.18	5.25	7.28	8.30	4.98	6.67
MONTH	10.64	3.72	7.88	10.55	3.49	7.39	10.68	3.52	7.16	10.69	3.15	7.18

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.17	4.64	6.89	8.66	5.47	7.17	8.96	4.55	6.73	9.97	4.16	7.58
2	9.10	4.07	6.72	9.31	5.78	7.55	9.53	4.25	7.24	9.78	3.57	7.15
3	9.24	3.76	6.77	10.06	4.86	7.67	9.62	4.08	7.22	10.45	3.74	7.40
4	9.48	3.68	7.07	9.73	4.25	7.34	9.85	3.46	7.06	10.86	4.15	7.74
5	10.39	4.56	7.76	10.00	4.32	7.37	10.18	3.25	7.06	11.14	4.28	7.90
6	10.45	4.12	7.60	10.14	4.14	7.52	10.10	3.08	6.77	10.52	3.93	7.48
7	10.30	3.66	7.28	10.45	3.86	7.54	9.95	2.13	6.61	10.30	3.68	7.15
8	10.09	3.55	7.09	10.68	4.42	7.95	9.97	3.34	6.86	10.22	4.55	7.41
9	9.99	3.84	7.12	10.97	4.52	7.97	9.90	3.60	6.72	9.90	4.49	7.28
10	9.76	3.57	7.02	11.19	4.65	8.24	9.66	4.46	7.11	9.96	4.81	6.98
11	9.76	3.85	6.80	10.92	4.85	8.26	9.88	4.78	7.35	9.37	4.79	7.25
12	9.26	4.05	6.61	10.80	4.70	7.75	9.94	5.51	7.62	9.31	5.13	7.21
13	9.34	4.10	6.85	10.22	5.25	7.89	9.67	5.26	7.66	9.28	4.96	7.16
14	9.28	3.93	6.60	10.08	5.17	7.57	9.30	5.15	7.40	9.22	4.69	7.22
15	9.00	3.92	6.61	9.56	4.57	7.03	9.58	4.88	7.57	9.37	5.02	7.35
16	9.05	4.25	6.81	9.08	4.98	6.96	9.42	4.87	7.44	9.35	4.83	7.20
17	9.64	4.71	7.54	9.53	4.80	7.57	9.49	4.72	7.28	9.51	4.67	7.22
18	10.12	5.11	7.92	9.36	4.78	7.26	9.63	4.75	7.31	10.00	4.82	7.41
19	10.11	4.97	7.77	9.63	4.85	7.43	9.43	4.24	7.01	10.19	5.01	7.58
20	10.02	4.79	7.73	9.97	5.27	7.91	9.98	4.43	7.46	10.13	4.79	7.53
21	10.00	4.42	7.50	9.52	4.45	7.27	10.48	5.31	7.96	10.22	4.78	7.42
22	9.54	4.53	7.19	10.26	4.19	7.52	10.20	5.17	7.85	10.17	4.88	7.38
23	9.14	4.16	6.76	10.48	5.62	8.23	9.88	4.47	7.18	9.35	4.64	7.18
24	9.34	3.19	6.44	9.71	4.53	7.50	9.81	5.06	7.44	9.54	4.14	6.85
25	9.45	4.98	7.16	9.64	4.68	7.20	9.37	4.81	7.10	9.76	4.46	7.06
26	9.34	4.68	7.06	9.43	4.74	7.17	9.38	4.70	6.93	9.90	4.66	7.16
27	8.78	5.26	7.03	9.19	4.78	7.02	9.61	---	7.29	9.52	4.32	7.08
28	9.16	4.82	6.89	9.13	4.94	6.91	9.57	5.24	7.50	10.06	4.60	7.77
29	---	---	---	9.20	4.99	6.86	9.86	5.06	7.60	10.23	5.00	7.98
30	---	---	---	9.21	4.80	6.97	9.51	4.44	7.34	10.13	4.22	7.61
31	---	---	---	9.08	4.12	6.74	---	---	---	10.17	3.88	7.39
MONTH	10.45	3.19	7.09	11.19	3.86	7.46	10.48	---	7.26	11.14	3.57	7.36

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.24	3.44	7.19	10.83	4.52	8.04	9.68	3.66	6.81	---	---	---
2	10.22	3.32	7.01	10.59	4.34	7.79	10.22	4.36	7.33	---	---	---
3	10.38	3.35	7.12	10.30	4.04	7.44	10.28	4.72	7.66	---	---	---
4	10.33	3.48	7.11	10.16	4.33	7.35	9.84	4.87	7.57	---	---	---
5	9.99	3.72	7.00	9.91	4.59	7.37	9.28	4.61	7.17	---	---	---
6	10.12	3.97	6.98	9.42	4.27	7.04	9.42	4.64	7.28	---	---	---
7	9.84	4.66	7.20	9.03	4.28	6.69	9.48	5.22	7.45	10.27	6.36	8.36
8	9.82	4.43	7.29	8.79	4.07	6.58	9.65	5.42	7.62	10.37	6.61	8.45
9	9.72	4.51	6.95	8.91	4.56	6.89	9.73	5.77	7.90	10.14	5.97	8.08
10	8.81	4.18	6.58	9.21	4.94	7.19	9.53	5.53	7.59	10.25	5.86	8.04
11	8.91	4.63	6.93	9.04	4.77	6.95	9.55	5.53	7.48	10.18	5.39	7.87
12	9.49	5.12	7.41	9.21	4.84	6.97	9.95	5.36	7.64	10.42	4.98	7.92
13	9.16	4.56	7.02	9.25	4.59	6.91	9.81	4.96	7.46	10.73	4.90	8.04
14	9.38	4.37	6.82	9.44	4.28	6.84	9.95	4.58	7.42	10.42	4.42	7.87
15	9.37	4.57	6.88	10.13	5.17	7.56	10.22	4.28	7.48	10.49	4.02	7.63
16	9.56	4.64	7.15	9.74	4.58	7.25	10.37	4.08	7.46	10.25	3.95	7.52
17	9.68	4.04	7.03	9.82	4.09	7.04	10.13	4.00	7.36	10.21	3.78	7.38
18	10.02	4.44	7.13	10.37	4.06	7.27	10.17	3.98	7.45	10.49	4.06	7.56
19	10.07	4.24	7.21	10.59	4.58	7.69	---	---	---	10.42	4.61	7.63
20	10.03	4.28	7.19	10.26	4.36	7.43	---	---	---	10.19	4.62	7.51
21	9.90	4.35	7.15	10.27	4.52	7.54	---	---	---	11.81	5.18	8.39
22	9.78	4.04	6.93	10.35	4.26	7.65	---	---	---	13.24	5.01	8.58
23	9.79	4.19	7.08	9.96	3.91	7.43	9.78	4.09	7.10	9.74	4.61	7.31
24	9.84	4.26	7.14	9.58	3.60	6.99	9.82	4.12	7.03	10.36	5.78	8.07
25	9.64	4.16	7.31	9.92	3.71	7.20	10.09	4.48	7.50	10.65	6.03	8.58
26	9.84	4.28	7.39	10.10	4.24	7.42	10.43	5.42	8.10	10.08	5.04	8.03
27	9.89	4.08	7.27	9.79	4.10	7.16	10.44	5.07	8.00	10.89	5.18	8.54
28	10.09	3.87	7.31	9.71	3.66	6.89	10.40	4.84	7.84	10.73	5.82	8.64
29	10.23	3.98	7.37	9.91	3.80	7.06	10.41	4.75	7.79	10.55	5.62	8.35
30	10.98	4.86	8.09	10.27	4.39	7.54	10.14	4.64	7.62	10.32	5.34	8.05
31	---	---	---	10.01	3.99	7.24	10.03	4.58	7.56	---	---	---
MONTH	10.98	3.32	7.14	10.83	3.60	7.24	---	---	---	---	---	---

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 32°59'00'' , long 79°55'23'' , Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

PERIOD OF RECORD.--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. Data collection platform since Aug. 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 35,200 microsiemens, June 8, 1987; minimum, 60 microsiemens Feb. 10, 12, 14, 1985, Jan. 5, 6, 1986.
pH: Maximum, 8.3 units, Oct. 8, 9, 1987, Jan. 15, 16, Feb. 14, 28, 29, 1988; minimum, 5.7 units, Sept. 8, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, July 21, 1986; minimum, 4.5°C, Jan. 17, 1988.
DISSOLVED OXYGEN: Maximum, 13.6 mg/L, Jan. 5, 1984; minimum, 1.8 mg/L, Sept. 26, 1989.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 23,800 microsiemens, Dec. 5; minimum, 120 microsiemens, Jan. 29, Apr. 11, 12, several days in Sept.
pH: Maximum, 8.2 units, Dec. 27; minimum, 6.4 units, Jan. 29, 31, Mar. 30.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 6; minimum, 8.5°C, Dec. 20.
DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Dec. 31; minimum 1.8 mg/L, Sept. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7860	634	1940	6540	600	2350	13600	600	4690	14100	740	6370
2	8030	457	1810	9800	600	3480	13600	640	6070	17000	1140	8110
3	10500	374	2810	14100	900	6760	10100	560	3340	20500	1220	9980
4	12700	300	4190	14300	800	6310	14500	520	7260	15100	1000	5390
5	17900	720	7000	18800	800	6590	23800	1260	10300	13700	780	4330
6	18200	780	7200	10100	740	2980	22400	1480	8440	15900	600	4020
7	18400	1060	6840	8300	620	3170	15400	1180	5230	9680	520	2790
8	10800	740	3670	13400	680	4300	14400	900	5160	12700	580	4710
9	10900	700	3940	9100	600	3090	15600	900	4500	12200	780	4370
10	13300	740	4590	13200	600	3950	13300	680	3620	9580	740	2880
11	8700	640	2840	10900	620	3390	9520	600	2470	7300	620	2510
12	7600	600	2030	15300	680	4900	13400	580	3550	8400	700	3130
13	9220	580	2700	15200	820	4580	8560	460	2070	5440	360	1970
14	8880	620	2690	12200	700	3380	7820	420	1830	6700	360	2190
15	10300	600	3080	11900	640	3580	8260	580	3140	6880	520	1980
16	15200	640	5090	11400	600	3610	13500	700	5590	7540	280	2210
17	16200	800	6180	6260	560	2160	17900	900	6510	12500	500	3590
18	15800	800	5770	13400	680	4990	12400	800	4330	15400	580	4450
19	14900	780	5500	15500	800	7080	12000	720	3830	11900	620	3720
20	21500	1440	10100	15500	1080	6790	13300	720	5030	13800	620	4250
21	20100	1700	8950	11500	1160	5160	13800	780	4830	10100	580	3210
22	9140	860	3270	13900	1060	5110	12900	800	3990	13200	680	3900
23	11000	820	3890	13400	1020	4160	14100	700	4340	15900	680	5820
24	10600	920	3760	11100	820	3440	9560	700	2980	16700	1020	6560
25	9400	900	3660	10200	780	2810	9760	620	3070	11600	840	4280
26	9260	960	3280	9040	640	2520	12900	640	3840	7820	620	3080
27	9240	640	2710	10400	640	3370	13600	780	4880	8480	580	3150
28	10100	820	3080	7140	600	1760	12600	680	3410	9660	260	2700
29	8120	620	2040	9580	600	2570	9100	560	2280	9860	120	3840
30	13400	600	3870	8260	580	2260	9320	480	2910	11200	240	4180
31	15800	820	6140	---	---	---	7040	480	2520	12600	1160	5310
MONTH	21500	300	4340	18800	560	4020	23800	420	4390	20500	120	4160

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15700	1040	6650	---	---	---	7300	220	2280	14100	380	5310
2	15600	840	4870	---	---	---	11100	260	3800	7520	340	2250
3	19100	740	5820	---	---	---	11900	340	3670	---	---	---
4	11100	620	3380	18800	1520	7310	9680	340	3640	---	---	---
5	15700	520	4760	19100	960	8530	9640	520	3650	---	---	---
6	12700	640	3760	17100	1300	7480	7440	580	3060	---	---	---
7	11800	400	4220	9420	620	3280	5560	480	2090	---	---	---
8	10100	940	4220	9620	420	2890	4800	360	1410	---	---	---
9	9140	820	3370	9800	460	2970	5800	380	1570	4940	580	2260
10	6880	640	2300	10900	780	4490	7100	160	1570	9680	600	2440
11	8320	700	2730	---	---	---	3500	120	600	4980	420	1430
12	8080	680	3150	---	---	---	6600	120	1520	5280	400	1800
13	11300	860	---	---	---	---	8300	180	2700	8520	420	2140
14	5880	600	---	---	---	---	6340	200	1810	14000	460	5230
15	12000	620	3910	---	---	---	8220	200	2220	15600	840	7220
16	13600	580	3670	4340	280	1540	6420	180	2220	11100	560	3650
17	11900	420	2960	12800	260	3730	6720	240	1900	15800	640	6150
18	17500	380	6030	7540	300	2390	2680	200	815	12700	600	4430
19	15400	580	5640	10100	200	3250	5380	180	1030	12500	500	3390
20	15700	680	6820	13800	280	4010	9300	200	2100	14300	520	3950
21	15300	1220	6660	2880	260	859	12100	340	3700	12800	640	4310
22	10600	920	4180	11800	240	2310	9660	380	3380	7380	520	2550
23	7000	560	2180	14100	700	5360	9120	160	2350	4940	480	1560
24	4760	360	937	9400	480	3670	8740	260	2310	7080	480	2080
25	6580	300	1870	8300	380	2400	3360	240	830	9840	580	3460
26	10700	560	4310	8760	360	2600	5600	160	1950	12400	580	3960
27	8800	560	3250	9660	340	2570	9880	360	3540	7140	480	2140
28	10000	840	5480	6480	260	1650	10900	400	4590	11100	460	2930
29	---	---	---	2340	240	639	13800	360	5280	14200	940	6620
30	---	---	---	7520	280	3000	11100	400	4300	12200	780	4660
31	---	---	---	7260	260	2410	---	---	---	11800	720	4210
MONTH	19100	300	4120	19100	200	3450	13800	120	2530	15800	340	3610
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6520	740	2840	---	---	---	8340	560	2210	---	---	---
2	11000	640	3190	14400	2220	2220	11900	580	3390	---	---	---
3	12100	700	3320	13600	1460	5520	10800	720	4240	---	---	---
4	11100	780	3580	13100	1160	4610	7740	560	2630	---	---	---
5	7880	780	2890	8560	1020	4030	2900	420	1070	---	---	---
6	7560	680	2310	5680	620	1800	4540	400	1200	---	---	---
7	9980	640	2640	1700	520	872	7980	400	2460	15500	140	5330
8	6600	560	1670	3780	420	1200	12400	400	3860	17300	140	4710
9	4900	420	1430	7900	500	2810	18200	640	7590	13500	120	840
10	1000	460	640	10400	460	4120	16500	1120	7220	14100	180	3800
11	5360	460	1580	8020	460	1790	17400	1080	6920	14400	140	4510
12	13100	620	5310	10500	420	2680	12500	780	4490	16200	260	5580
13	10500	520	3480	13500	520	4400	14100	500	3590	17300	260	5740
14	9560	520	2980	16100	560	5390	18300	560	5980	13900	340	5530
15	10900	480	3200	22100	1180	9050	19800	1020	8090	10600	360	4350
16	12300	560	4490	17000	1700	8130	16500	1480	7800	8020	240	2650
17	11800	520	2960	15700	1280	6160	12400	1020	5090	5360	140	1710
18	11800	520	3480	17500	1180	6140	9840	940	5290	7320	120	2160
19	14900	580	3890	14300	1160	6050	---	---	---	11100	140	3050
20	14700	720	4820	9020	800	3440	---	---	---	8680	180	2510
21	11400	640	3410	7660	700	3070	---	---	---	12100	380	3370
22	6380	560	1980	6680	520	1930	4820	520	2290	19000	260	5630
23	8480	560	2610	5900	500	1920	4680	480	1310	860	180	370
24	6980	500	2290	6540	480	1800	6800	420	1650	7120	140	1710
25	9000	500	2570	8680	480	2370	11800	480	3310	8920	180	2930
26	9100	480	2950	9420	480	2550	13200	560	3920	960	140	274
27	6540	480	1640	9320	460	2370	12700	580	4240	380	120	210
28	10700	480	2610	8440	480	2150	9560	500	2860	280	120	180
29	10500	600	3570	12700	460	3300	5460	420	1420	180	120	150
30	18400	840	6550	13800	700	4950	4660	420	1200	180	120	140
31	---	---	---	10100	780	4250	6520	380	1560	---	---	---
MONTH	18400	420	3030	22100	420	3700	19800	380	3820	19000	120	2810
YEAR	23800	120	3680									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.5	25.5	---	---	---	30.0	29.0	29.5	---	---	---
2	26.5	26.0	26.0	28.0	28.0	28.5	30.0	29.5	29.5	---	---	---
3	27.0	26.5	26.5	28.5	28.0	28.0	30.0	29.5	29.5	---	---	---
4	27.5	26.5	27.0	28.0	28.0	28.0	30.5	29.5	30.0	---	---	---
5	28.0	27.0	27.0	28.5	27.5	28.0	30.0	30.0	30.0	---	---	---
6	27.0	26.5	27.0	28.5	28.0	28.0	31.0	30.0	30.0	---	---	---
7	27.0	26.5	27.0	28.5	28.0	28.0	30.5	30.0	30.0	29.0	28.0	28.5
8	27.5	26.5	27.0	29.0	28.0	28.5	30.0	29.5	30.0	28.5	27.5	28.0
9	27.0	26.0	26.5	29.0	28.5	28.5	29.5	28.0	29.0	28.5	27.5	28.0
10	26.5	26.0	26.0	30.0	28.5	29.0	28.5	28.0	28.5	28.5	27.5	28.0
11	27.0	26.0	26.5	30.0	29.0	29.5	28.0	27.0	27.5	28.5	28.0	28.0
12	27.5	26.5	27.0	30.0	29.5	30.0	27.5	26.0	27.0	28.5	28.0	28.0
13	27.5	27.0	27.0	30.5	29.5	30.0	27.0	26.0	26.5	28.5	28.0	28.0
14	28.0	27.5	27.5	30.5	29.5	30.0	26.5	26.0	26.5	28.0	28.0	28.0
15	28.5	28.0	28.0	30.5	29.5	30.0	26.5	26.0	26.5	28.5	28.0	28.5
16	28.5	28.0	28.0	30.0	29.5	30.0	27.0	26.5	26.5	28.5	28.5	28.5
17	28.0	27.5	28.0	30.0	29.5	30.0	27.0	26.5	26.5	28.5	28.0	28.5
18	28.5	28.0	28.0	30.0	29.0	29.5	27.5	26.5	27.0	28.5	28.0	28.5
19	28.5	27.5	28.0	29.5	29.5	29.5	---	---	---	28.0	27.5	27.5
20	28.0	28.0	28.0	29.5	29.0	29.5	---	---	---	27.5	27.0	27.0
21	28.5	28.0	28.0	29.5	29.0	29.5	---	---	---	27.5	26.5	27.0
22	28.5	28.0	28.0	29.5	29.0	29.5	29.0	28.5	28.5	27.0	25.5	26.5
23	28.5	28.0	28.5	29.5	29.0	29.0	29.0	28.5	28.5	26.0	25.5	26.0
24	28.5	28.0	28.5	29.5	29.0	29.0	29.0	28.5	28.5	26.0	24.5	25.5
25	29.0	28.0	28.5	29.5	29.0	29.5	29.0	28.5	29.0	25.0	24.0	24.5
26	29.0	28.0	28.5	29.5	29.0	29.5	29.0	28.5	29.0	24.0	23.0	23.5
27	29.0	28.5	29.0	29.5	29.0	29.5	29.0	28.5	29.0	23.5	23.0	23.5
28	29.0	28.5	29.0	29.5	29.0	29.5	29.0	28.5	28.5	23.0	23.0	23.0
29	29.5	29.0	29.0	29.5	29.0	29.5	29.0	28.5	29.0	23.5	23.0	23.0
30	29.0	28.5	29.0	29.5	29.0	29.5	29.0	28.5	29.0	24.0	23.5	23.5
31	---	---	---	29.5	29.0	29.5	29.5	28.5	29.0	---	---	---
MONTH	29.5	25.5	27.5	30.5	27.5	29.0	31.0	26.0	28.5	29.0	23.0	26.5
YEAR	31.0	8.5	20.0									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.5	5.4	6.1	8.5	7.4	8.1	9.2	8.6	8.9	12.2	11.0	11.9
2	6.4	5.5	6.2	8.5	7.9	8.3	9.4	8.4	9.0	12.1	10.2	11.4
3	6.3	5.2	6.0	8.6	7.7	8.2	9.5	8.6	9.2	---	---	---
4	6.3	5.2	5.9	8.6	7.7	8.2	9.5	8.6	9.1	---	---	---
5	6.1	4.8	5.6	8.6	7.6	8.2	9.5	8.5	9.1	---	---	---
6	6.2	4.9	5.6	8.7	7.6	8.5	9.6	8.6	9.2	10.1	9.4	9.8
7	6.3	4.9	5.8	8.9	8.0	8.6	9.9	8.9	9.5	10.0	9.2	9.7
8	7.0	5.4	6.3	8.9	7.9	8.5	9.9	8.9	9.6	10.0	8.9	9.6
9	7.1	5.5	6.5	9.1	8.1	8.7	9.9	9.0	9.6	9.9	9.0	9.5
10	7.1	5.4	6.4	9.1	7.8	8.7	9.9	9.1	9.7	9.9	9.1	9.6
11	7.0	5.6	6.5	9.2	8.1	8.8	9.8	9.2	9.7	9.8	8.9	9.6
12	7.0	5.8	6.6	9.1	7.9	8.7	9.9	9.2	9.7	9.6	9.0	9.4
13	6.9	5.7	6.5	9.1	8.1	8.7	10.2	9.5	9.9	9.8	9.1	9.5
14	6.8	5.9	6.5	9.1	7.9	8.8	10.2	9.6	10.0	9.6	8.8	9.4
15	6.8	5.8	6.4	9.1	8.3	8.8	10.2	9.6	10.0	9.6	9.2	9.5
16	6.6	5.6	6.2	9.1	8.3	8.8	10.1	9.6	9.9	9.6	9.1	9.4
17	6.5	5.6	6.1	9.0	8.1	8.8	10.2	9.6	9.9	9.6	8.9	9.3
18	6.4	5.4	6.0	8.9	8.0	8.5	10.2	9.5	10.0	9.7	8.6	9.4
19	6.3	5.5	5.9	8.7	7.8	8.3	10.3	9.4	10.1	9.7	8.8	9.5
20	6.1	5.1	5.6	8.4	7.9	8.2	10.3	9.6	10.1	9.7	8.8	9.4
21	5.9	4.9	5.4	8.3	7.8	8.1	10.3	9.6	10.1	9.9	9.0	9.6
22	6.0	5.2	5.7	8.3	7.8	8.1	10.4	9.6	10.2	10.0	9.1	9.7
23	6.2	5.1	5.8	8.4	7.9	8.2	10.5	9.7	10.2	10.0	9.2	9.8
24	6.5	5.4	6.1	8.5	7.9	8.3	10.5	9.9	10.3	10.1	9.2	9.7
25	7.1	5.8	6.6	8.8	7.9	8.5	10.4	9.6	10.2	10.3	8.5	9.9
26	7.9	6.4	7.2	9.0	8.2	8.7	10.4	9.7	10.2	10.4	9.4	10.1
27	8.4	6.1	7.4	9.1	8.3	8.8	10.3	9.7	10.1	10.4	9.7	10.1
28	7.3	5.8	6.8	9.2	8.4	8.9	11.6	9.8	10.1	11.6	9.3	10.6
29	7.6	6.4	7.3	9.1	8.5	9.0	11.3	9.7	10.5	11.3	9.0	10.7
30	7.8	6.5	7.3	9.2	8.4	9.0	11.8	9.6	11.0	11.0	9.3	10.4
31	8.0	6.6	7.4	---	---	---	12.3	11.0	11.7	11.3	9.0	9.9
MONTH	8.4	4.8	6.3	9.2	7.4	8.5	12.3	8.4	9.9	12.2	8.5	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.9	9.2	9.6	---	---	---	8.9	7.7	8.6	6.2	5.6	6.0
2	9.7	9.1	9.5	---	---	---	9.0	7.3	8.4	9.0	5.5	6.5
3	9.6	8.8	9.4	---	---	---	9.4	7.4	8.5	9.3	8.9	9.1
4	9.6	8.7	9.4	11.5	10.4	11.0	9.3	7.1	8.4	9.3	9.0	9.1
5	9.6	8.7	9.2	11.3	10.0	10.8	9.0	7.1	8.2	9.1	8.9	9.0
6	9.4	8.4	9.1	11.4	10.2	11.0	8.5	6.7	7.9	9.1	8.9	9.0
7	9.2	8.3	8.9	11.1	10.3	10.7	8.2	6.1	7.8	9.4	9.1	9.2
8	9.2	8.4	8.8	10.8	10.3	10.6	8.7	6.9	7.8	9.5	9.2	9.4
9	9.4	8.4	8.9	11.1	10.4	10.8	8.2	7.1	7.7	9.3	6.9	8.7
10	9.6	8.6	9.2	11.4	10.5	11.0	7.9	7.1	7.6	9.0	7.5	8.6
11	9.6	8.7	9.2	11.3	10.1	10.5	8.3	7.1	7.8	8.8	7.7	8.2
12	9.8	8.7	9.4	10.5	9.8	10.2	8.1	7.3	7.8	8.5	7.3	8.0
13	9.6	8.6	9.2	10.3	10.1	10.2	8.6	6.9	7.9	8.6	7.1	8.2
14	9.8	8.4	9.6	10.4	9.9	10.1	9.5	7.4	8.3	8.2	6.2	7.7
15	9.7	8.5	9.4	10.1	9.6	9.9	8.5	7.6	8.2	7.6	6.3	6.9
16	9.6	8.5	9.4	10.3	9.6	10.0	8.3	7.2	8.0	6.7	5.3	6.0
17	9.6	8.8	9.3	10.2	9.2	9.8	7.9	7.3	7.6	5.5	4.7	5.0
18	9.5	8.5	9.2	10.1	9.4	9.8	7.6	7.1	7.5	5.0	4.1	4.6
19	9.4	8.7	9.1	10.3	9.1	9.6	7.9	6.9	7.5	4.5	3.9	4.3
20	9.4	8.5	9.1	10.0	8.9	9.5	7.7	6.9	7.4	4.2	3.9	4.1
21	9.5	8.6	9.1	10.2	9.3	9.8	7.5	6.9	7.2	4.0	3.6	3.8
22	9.5	8.6	9.2	9.9	8.6	9.4	9.7	6.4	8.2	3.9	3.6	3.7
23	9.7	8.7	9.4	9.1	8.3	8.8	9.6	8.7	9.3	3.7	3.5	3.6
24	9.9	9.1	9.7	9.4	7.8	8.7	9.7	8.5	9.1	3.8	3.5	3.6
25	10.1	9.1	9.8	9.4	7.8	8.7	8.7	7.3	8.0	4.2	3.5	4.0
26	10.3	8.9	9.8	9.7	8.3	9.0	7.9	7.0	7.6	4.3	4.0	4.1
27	10.4	8.9	10.0	9.8	8.3	9.1	7.7	6.8	7.4	4.3	4.0	4.2
28	---	---	---	9.9	8.6	9.3	7.2	5.7	6.8	4.1	3.6	3.9
29	---	---	---	9.8	8.1	9.5	7.0	6.0	6.6	4.4	3.8	4.0
30	---	---	---	9.4	7.6	8.9	6.6	6.1	6.3	5.0	4.2	4.6
31	---	---	---	9.2	7.1	8.7	---	---	---	4.9	4.6	4.8
MONTH	10.4	8.3	9.3	11.5	7.1	9.8	9.7	5.7	7.8	9.5	3.5	6.2

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.6	4.8	5.2	---	---	---	5.0	3.6	4.5	---	---	---
2	5.3	4.9	5.1	---	---	---	5.0	3.4	4.4	---	---	---
3	5.3	4.8	5.1	5.6	5.3	5.4	5.0	3.2	4.3	---	---	---
4	5.6	5.0	5.2	5.5	5.3	5.4	5.3	3.7	4.7	---	---	---
5	5.6	5.2	5.4	5.7	5.3	5.4	5.8	4.4	5.2	---	---	---
6	5.4	4.7	5.1	5.6	5.3	5.4	5.8	5.0	5.5	---	---	---
7	4.7	4.4	4.5	5.7	5.4	5.5	5.6	4.4	5.2	---	---	---
8	5.6	4.4	4.9	5.8	5.5	5.6	5.5	4.0	4.9	---	---	---
9	5.5	5.0	5.2	5.7	5.6	5.7	5.3	3.4	4.5	---	---	---
10	5.9	5.2	5.4	5.9	5.7	5.8	5.2	3.4	4.5	---	---	---
11	5.7	5.2	5.3	6.2	5.7	5.9	5.3	3.1	4.6	---	---	---
12	6.0	5.5	5.7	6.1	5.8	5.9	5.5	4.0	4.9	---	---	---
13	6.1	5.5	5.6	6.3	4.1	5.6	5.7	4.0	5.1	---	---	---
14	6.3	5.4	5.6	5.4	4.1	4.9	5.6	3.7	4.9	---	---	---
15	5.9	5.2	5.6	5.1	3.8	4.4	5.3	3.7	4.6	---	---	---
16	5.4	5.1	5.2	5.0	3.5	4.3	5.1	3.5	4.4	---	---	---
17	5.3	4.9	5.1	5.0	3.5	4.4	5.1	3.4	4.5	---	---	---
18	6.8	5.0	5.5	4.8	3.2	4.3	5.0	3.7	4.5	---	---	---
19	6.1	5.2	5.5	4.7	3.6	4.2	---	---	---	---	---	---
20	6.4	5.3	5.8	5.0	3.9	4.5	---	---	---	5.6	4.8	5.3
21	6.5	5.5	5.8	5.2	3.9	4.6	---	---	---	6.2	4.8	5.4
22	7.2	5.3	5.7	5.3	4.1	4.9	---	---	---	6.3	5.0	5.9
23	5.5	5.2	5.3	5.2	3.9	4.8	---	---	---	5.3	4.1	4.9
24	6.1	5.2	5.5	5.2	3.7	4.8	---	---	---	5.0	3.8	4.5
25	6.0	5.3	5.5	5.3	3.7	4.8	---	---	---	5.3	3.5	4.4
26	6.1	5.3	5.6	5.4	4.0	4.9	---	---	---	3.6	1.8	2.7
27	5.7	5.3	5.4	5.4	3.9	5.0	---	---	---	4.4	2.4	3.5
28	5.8	5.4	5.6	5.3	3.9	4.9	---	---	---	5.3	4.0	4.8
29	6.0	5.4	5.6	5.3	3.7	4.7	---	---	---	5.3	4.3	5.0
30	5.9	5.3	5.5	5.0	3.4	4.3	---	---	---	4.9	4.0	4.6
31	---	---	---	4.8	3.2	4.2	---	---	---	---	---	---
MONTH	7.2	4.4	5.4	6.3	3.2	5.0	5.8	3.1	4.7	6.3	1.8	4.6
YEAR	12.3	1.8	7.5									

NOTE.--Dissolved oxygen concentrations are not corrected for salinity.

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC

LOCATION.--Lat 32°46'50'', long 79°55'31'', Charleston County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House, and at mile 0.6.

PERIOD OF RECORD.--October 1986 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): October 1986 to current year.
SPECIFIC CONDUCTANCE (Bottom): October 1986 to current year.

INSTRUMENTATION.--USGS mini-monitor and Sutron data collection platform since October 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Maximum, 54,900 microsiemens, Nov. 22, 1988; minimum, 6520 microsiemens, Sept. 6, 1987.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5, 1989; minimum, 11,400 microsiemens, Sept. 7, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 54,900 microsiemens, Nov. 22; minimum, 17,800 microsiemens, Sept. 29.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 64,300 microsiemens, May 5; minimum, 23,000 microsiemens, Sept. 30.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	40400	27700	32800	43900	35400	39200	40900	30700	35900	43000	31900	36800
2	40600	28000	32700	43100	34400	39000	40200	32400	37300	41200	31900	37500
3	38800	29500	33700	48200	36800	40400	44300	33400	38500	44000	36700	39300
4	39700	30300	34000	46400	35700	41000	44600	34300	38400	43900	35900	39600
5	42000	32100	35500	50300	38200	42800	45200	35600	39200	46100	37000	40900
6	42100	30100	36800	45700	36400	41300	45100	35900	39700	47800	36000	40600
7	44200	35500	39600	47200	36300	40700	44600	36600	40000	46100	34300	39500
8	44100	32700	39000	48200	36900	41600	45200	36200	39600	47600	33400	40200
9	44900	34600	39000	48900	36400	41600	46800	34800	40200	47900	34600	40700
10	45700	34900	39400	54200	36600	42600	46100	33300	39500	48000	35700	41300
11	43800	34400	38400	50800	36500	42300	46800	32500	38400	47400	33300	39600
12	43200	30000	36200	49800	36500	42300	45400	31100	37700	47000	34300	39600
13	44700	29500	36300	49400	37400	42000	48400	31600	37700	44000	31900	36900
14	43800	31100	35400	48400	36700	40500	42100	30100	35200	45100	33700	37700
15	41000	29300	34300	48000	36600	40500	41500	30700	35500	44100	31000	36200
16	39200	28500	33100	48000	36500	40600	44900	33900	38600	42000	30500	35400
17	42800	32200	35900	46200	35700	40200	47200	33600	39700	44100	33100	36500
18	45100	34100	37800	48800	36600	41300	45400	34500	39400	44700	33400	37300
19	45900	32200	36900	50000	38400	43300	45800	34500	39000	44000	33200	37400
20	48500	35900	40200	50900	38400	44300	46700	33600	39400	45500	34200	38800
21	48600	32600	40200	51000	38000	43400	46900	32600	39200	46600	32200	39300
22	46900	30800	39900	54900	37500	44900	47400	34100	39800	47700	34700	40500
23	49200	34300	40800	51300	37800	44000	49400	33900	40700	47500	34500	40600
24	49100	30400	40100	50400	36100	42800	47500	34000	40100	46100	35600	40900
25	46300	29600	38500	48200	35800	41300	46700	32500	38700	46500	36800	40700
26	---	---	---	49000	35800	40300	45700	34000	38200	45200	36700	39500
27	---	---	---	46300	34600	39300	44700	34800	38400	44100	34600	38400
28	47900	34200	39800	41600	29700	36600	44400	34400	37900	43100	34200	37800
29	46200	32800	37300	44500	29500	35600	42200	31500	36200	43700	33000	37300
30	46500	34500	38800	41800	32900	36300	41700	32200	36700	43200	33800	37900
31	47200	33900	39800	---	---	---	41400	32300	36300	42100	33100	37700
MONTH	49200	27700	37300	54900	29500	41100	49400	30100	38400	48000	30500	38800

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	46400	35500	40000	---	---	---	32800	24100	27700	---	---	---
2	45200	35800	39800	---	---	---	32100	26000	28300	---	---	---
3	47200	35700	40900	---	---	---	33900	25700	29500	---	---	---
4	47100	36400	41300	---	---	---	38200	25800	31900	---	---	---
5	51300	36900	43300	---	---	---	39000	28600	33900	---	---	---
6	50700	36700	43400	---	---	---	40000	30700	34700	---	---	---
7	51000	37100	43900	48600	37300	42800	41200	31000	35700	---	---	---
8	51400	37800	44100	49400	37200	43600	42400	31500	36300	54400	37800	44300
9	50800	37500	43900	49200	36800	43500	40200	31500	35700	48700	34600	41500
10	50600	35600	42800	49100	37400	43800	39600	30700	34200	48000	31300	38700
11	49900	36700	42000	48800	37000	43200	39000	30600	33600	45300	33300	37900
12	48300	35300	40700	47800	36900	42100	39100	32100	34500	43900	33400	37600
13	47800	35500	40400	47300	36800	42300	40500	32200	35800	43700	33100	37800
14	47000	36300	40500	46500	36700	41900	40800	31200	35000	42800	33400	37300
15	---	---	---	45500	36300	41500	41200	31700	35500	43700	35000	39200
16	---	---	---	45000	36300	41800	39000	31100	34500	45500	36500	39900
17	---	---	---	47500	35800	43800	39500	27300	34100	46300	38100	41200
18	---	---	---	46500	37000	41900	43100	30800	35700	48200	36900	41700
19	---	---	---	45900	35600	41800	43800	32400	37700	49300	36600	41900
20	---	---	---	47600	36100	42100	51500	32600	38300	49900	37600	42300
21	---	---	---	45200	35300	40600	40700	27000	34100	50000	37400	42300
22	---	---	---	46600	33800	40700	41500	28600	36100	50200	36900	41400
23	---	---	---	46000	35700	41500	49000	34300	40300	47000	35800	41000
24	---	---	---	42800	34900	39300	48400	36800	41000	47400	34500	39600
25	---	---	---	43500	34000	38500	42700	25200	33900	47300	35600	40200
26	---	---	---	43100	34300	38900	43900	29300	36100	47200	37200	40700
27	---	---	---	43400	35400	39300	45500	35000	39600	47300	36800	40700
28	---	---	---	---	---	---	42600	30900	35300	48800	35700	41400
29	---	---	---	---	---	---	---	---	---	51100	36300	42800
30	---	---	---	---	---	---	---	---	---	49400	36900	42900
31	---	---	---	32300	25800	28900	---	---	---	50700	37700	43900
MONTH	51400	35300	41900	49400	25800	41100	51500	24100	35000	54400	31300	40800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	51300	37900	43900	51400	37900	44000	47000	34800	40600	44300	31700	36400
2	51800	37800	43900	51100	35100	42400	48300	35200	41200	41300	30800	35200
3	52700	35500	43500	49800	33800	41100	49000	35300	41900	42700	30300	34800
4	50200	36800	42800	48400	34100	40900	46000	35400	40600	42900	31300	35800
5	52600	36300	42900	47100	34900	40600	44000	34300	38500	42000	32500	35700
6	51900	35500	42300	42700	32500	37600	43500	32700	37100	41300	30900	35100
7	50600	36200	42100	41500	30100	34800	43800	32900	37800	42100	30000	35200
8	48600	36400	41400	40400	29000	33900	45100	32000	38400	41100	30000	35100
9	48600	33400	39600	40600	30600	35000	45800	33300	39600	39300	29100	34500
10	48200	31200	38100	41500	31100	35700	45900	35900	40200	41100	30400	34900
11	46600	32100	39000	39100	30300	34000	47900	36900	41000	42700	27900	35300
12	49300	35800	42000	41100	27800	34200	46400	37300	41600	43500	31500	36300
13	---	---	---	45200	30400	35900	48200	34200	41100	47000	32800	38400
14	---	---	---	47500	33400	38800	48100	36600	41000	46600	33200	39300
15	---	---	---	50000	36800	42500	48900	36400	42000	46800	32900	39200
16	---	---	---	49800	39300	43300	49300	38600	43100	46800	31000	38600
17	46300	34500	39800	50800	38900	43400	49300	38200	43000	46800	31000	37900
18	47500	34300	39200	51500	38500	43800	48800	37700	42700	48200	30200	38500
19	48800	35300	40600	51200	39200	44700	48600	36200	42000	48600	31900	38600
20	49400	34600	40900	51000	38400	43600	47900	34700	40700	---	---	---
21	48400	34000	40600	49400	36900	43200	46200	32600	38600	---	---	---
22	47500	33700	39600	49400	35200	41500	45200	30100	36600	---	---	---
23	46800	33900	39900	48100	34600	40200	45200	30300	35900	---	---	---
24	46800	33600	39200	46500	33200	38600	43300	28300	34400	---	---	---
25	46400	33800	38300	47900	33100	39100	42800	28200	34800	---	---	---
26	46600	33800	39200	47000	32300	38500	45400	31600	36300	40800	29000	34400
27	46200	33000	38500	46900	33400	38500	46400	32100	37700	47700	26000	35200
28	47800	28100	38600	47100	32700	38700	45700	31700	37900	44300	24700	35100
29	48700	32400	39600	49500	32900	39400	46000	32000	37800	42600	17800	32000
30	51500	33700	41600	49400	33900	40800	45400	31500	37400	40200	23500	30900
31	---	---	---	48300	35800	41200	44400	28100	36000	---	---	---
MONTH	52700	28100	40700	51500	27800	39700	49300	28100	39300	48600	17800	35900
YEAR	54900	17800	39000									

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	43600	32900	38300	49000	41500	46100	46400	36400	42800	46000	35200	42700
2	42100	32700	38400	48500	42800	46300	47300	33900	42600	45900	32900	42300
3	43000	34700	40000	49200	42000	46500	47600	35600	44300	46000	38300	43000
4	43200	36100	40500	48200	41400	45400	46300	34000	42200	44200	31100	40600
5	44300	36600	41300	48600	40800	44400	47200	36000	42300	47600	30500	42000
6	45200	36300	41300	47000	40400	43700	46800	34600	41400	47500	37400	42000
7	45600	37800	42300	47600	39900	44000	46300	35300	41700	50800	39100	45000
8	45200	37800	41900	49000	39700	44200	47200	33200	41800	52500	37900	44200
9	46200	37200	42000	48800	38600	43200	48300	38300	42400	52000	39000	45500
10	47000	36800	42300	49700	38900	44000	49400	37500	43200	54300	40000	46600
11	46100	36600	41800	49100	38800	43700	48000	36600	42000	53500	39200	46300
12	46300	37000	41600	51200	37500	44900	49500	37000	42600	52900	39600	46200
13	47800	37700	42300	50200	39700	44700	49000	35800	42400	50700	39200	44200
14	46800	37800	42500	49700	39300	44100	47100	35600	41300	52000	40900	46300
15	47400	37400	43000	49500	40900	44700	44800	35600	40800	50100	39600	45000
16	47900	38500	43900	49000	40200	44500	46100	36800	41500	49500	37800	44600
17	47900	41400	44600	47100	37400	42900	47300	36200	41900	52200	41200	46400
18	49000	39900	44900	49100	37000	44100	46200	36600	41300	50800	40100	45300
19	48100	40900	44900	51900	39200	45200	46000	35700	40300	50400	40900	45100
20	50700	41600	45900	51300	38100	44300	47100	35700	41200	51200	39600	45100
21	51600	41300	46700	49700	38200	43900	47500	35700	41500	52200	39000	45800
22	51000	41000	45900	51900	38800	45700	47900	35100	41700	53700	40300	47300
23	52800	41100	47000	52100	39600	45700	49200	36400	42400	53200	42400	48000
24	52700	40200	46600	51500	38500	45200	48000	35900	41600	51500	37400	44900
25	52700	35700	45900	50300	38500	44100	46700	35400	41200	46400	38500	41900
26	53000	37500	46300	49400	37900	43300	47200	36500	41600	45400	32400	40900
27	53600	38800	45800	48000	38900	42900	47100	36800	42100	44900	38300	42100
28	51000	37900	43900	46000	38900	42400	44500	37000	41200	46500	39900	43300
29	49800	36500	43200	47900	38300	43800	45400	39000	42200	46100	40400	43600
30	50600	38600	45700	46600	38400	44100	46200	35200	42600	45900	41100	43900
31	50800	40700	46600	---	---	---	46000	37200	42500	46000	41200	44200
MONTH	53600	32700	43500	52100	37000	44400	49500	33200	42000	54300	30500	44300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	47100	39700	44300	---	---	---	45800	37300	42500	60400	46700	53200
2	45900	38200	42700	---	---	---	46400	36900	42100	61700	45000	53700
3	46600	38900	42300	---	---	---	46900	36700	41900	63500	46600	54900
4	46100	37200	41800	---	---	---	49500	36300	42800	63800	47300	55500
5	49400	37600	42900	---	---	---	50400	37300	43800	64300	46700	55400
6	49200	36300	42700	---	---	---	51200	37600	43900	63200	46200	54100
7	48900	36100	42300	46700	35300	40500	50400	36000	43600	61900	43900	52700
8	48700	36500	42200	47400	34200	40900	51500	36800	43800	61900	46200	52500
9	48800	36400	42500	47000	34300	40700	49900	37400	43800	60400	37300	47000
10	48300	36000	42100	46400	34100	40700	50800	38800	44400	50400	39100	44300
11	48200	36300	41900	45600	33800	39700	49300	37800	43300	49900	40200	45800
12	45700	37700	41500	44300	32800	37800	47800	38600	43700	48800	40100	45900
13	45600	37900	41800	43200	31700	36000	46700	37900	42900	47900	40200	44900
14	45100	37600	41600	42600	29600	34600	45200	39600	42800	48400	42800	46200
15	---	---	---	40000	28500	33300	47100	39400	43700	50400	40400	46700
16	---	---	---	38800	27300	32200	46200	36500	42400	53100	43100	47800
17	---	---	---	40700	29700	34200	48800	38300	42900	52600	44200	48500
18	---	---	---	39100	29300	33900	49300	38300	43500	55500	44000	49100
19	---	---	---	39100	25800	32700	51700	38800	44000	55600	44500	49100
20	---	---	---	37700	29200	32100	55100	39000	47200	54600	40800	48600
21	---	---	---	35400	28800	31500	56600	42900	49300	54600	42900	48200
22	---	---	---	36800	25500	30700	54800	43200	48800	54400	42900	47600
23	---	---	---	37400	27400	31900	54600	41700	46900	52200	42200	47100
24	---	---	---	34500	27800	31200	53800	43900	49000	52200	41600	48100
25	---	---	---	32600	25700	28900	53600	43200	48900	53200	42400	48700
26	---	---	---	33000	25700	29100	54400	44300	49700	54200	44600	49000
27	---	---	---	33100	26200	28500	55600	45400	51900	53100	42100	48900
28	---	---	---	---	---	---	56400	47000	53000	58500	45000	51800
29	---	---	---	---	---	---	57800	49000	53200	58100	40100	49800
30	---	---	---	---	---	---	57100	47900	52700	59300	43800	50300
31	---	---	---	44800	38900	42300	---	---	---	55400	39400	49000
MONTH	49400	36000	42300	47400	25500	34700	57800	36000	45700	64300	37300	49500

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	56800	42200	48800	54800	41000	48700	47800	34500	40900	39700	29900	35200
2	57400	38200	47500	56000	40400	47600	49400	35500	42100	37500	28300	33900
3	57600	41300	48800	54100	39700	47500	49000	36000	42300	39000	27400	34400
4	57500	42000	49300	52600	39700	45700	46800	38000	42700	40300	29400	35700
5	56100	42400	48600	50400	40200	45100	45200	36700	41100	39000	30500	34900
6	55900	41600	48000	49000	39100	43900	45000	36000	41300	39700	32900	36200
7	52800	41600	47200	47400	37900	42600	45500	37600	42100	39700	30800	36400
8	51900	41600	46500	48400	35500	44100	46800	38600	42900	41100	34100	38100
9	52200	36600	44900	48600	40300	45200	46900	38000	44000	39300	29000	34200
10	52300	36400	47600	48400	40700	44900	46800	39900	44000	36000	26300	31300
11	53300	43600	49200	46800	35800	43800	46600	37100	43700	39300	26700	32500
12	53200	43100	50300	47700	39200	44300	46200	38700	43400	41000	28300	34400
13	52200	42300	49200	47300	37300	43700	45600	33800	41700	40800	28100	34800
14	54500	43600	49400	48300	40500	44500	45400	37400	41600	39900	29500	33900
15	54900	44900	50000	52000	41500	45900	46100	33100	40500	40500	25400	34000
16	53000	39600	46800	49800	40600	45200	45400	33900	40400	40000	28200	33900
17	50200	39400	44200	50300	41300	45000	44900	31800	40000	40400	26200	33600
18	51800	39600	44800	50400	39600	44900	44900	32800	39500	42400	25700	34800
19	51600	38500	44900	49300	39800	44300	44400	33700	38900	42000	29600	35500
20	51400	39700	44800	48800	38500	43100	43800	32800	38100	43400	30800	35800
21	51000	38900	44200	47800	37300	42200	43200	31900	37100	---	---	---
22	50700	38100	44100	45900	34100	39300	42000	31500	36500	---	---	---
23	49700	38000	44600	43400	31800	37200	41700	31900	36300	---	---	---
24	50800	37500	44300	38800	30800	34800	42100	30100	35700	---	---	---
25	50300	38000	44600	38500	31100	34200	43000	30900	36900	---	---	---
26	50000	38500	44600	35600	29500	32400	42600	29300	37500	41200	29600	35500
27	50200	37500	44200	44000	31800	36900	42700	30500	36500	46300	26200	36600
28	51100	36700	44100	46600	35600	40100	42200	31800	36300	43400	26600	35900
29	51900	37000	44500	48700	37300	41600	41800	30400	36000	41500	27200	33500
30	53300	38500	45600	49700	37400	42600	40300	29000	35000	41200	23000	31700
31	---	---	---	48500	35000	42000	41000	28900	34500	---	---	---
MONTH	57600	36400	46500	56000	29500	42700	49400	28900	39700	46300	23000	34700
YEAR	64300	23000	42800									

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston.

DRAINAGE AREA.--undefined.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 17.12 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 23.65 ft, Jan. 1, 1987; Minimum gage height 12.53 ft, Jun. 24, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.17 ft, Mar. 9, 10; minimum gage height, 13.26 ft, Apr. 7.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.93	15.73	18.22	20.38	16.14	18.27	19.15	15.32	17.15	19.91	15.67	17.69
2	20.59	15.83	18.16	19.77	15.98	17.91	19.05	15.39	17.15	20.01	15.59	17.77
3	20.29	15.93	18.30	20.03	16.08	18.11	19.17	15.19	17.18	20.01	13.54	17.45
4	20.30	15.97	18.20	20.11	16.01	18.23	19.22	15.17	17.34	19.47	14.63	16.97
5	20.58	16.32	18.48	20.68	15.17	18.03	20.48	15.28	17.93	20.56	15.04	18.01
6	20.83	16.40	18.65	19.59	14.27	17.32	20.43	14.63	17.59	21.22	14.25	17.68
7	20.92	16.30	18.87	19.28	14.58	17.00	20.14	14.41	17.38	20.56	14.11	17.49
8	20.75	16.03	18.65	19.98	14.75	17.36	20.19	14.55	17.38	21.15	14.43	17.74
9	20.84	15.92	18.59	20.12	14.47	17.46	20.81	14.35	17.48	21.06	14.19	17.66
10	20.99	15.93	18.56	20.63	14.84	17.67	20.97	14.55	17.89	21.41	14.84	18.12
11	20.67	15.47	18.10	20.40	14.62	17.62	20.82	14.62	17.66	21.01	14.53	17.82
12	20.48	15.06	17.88	21.05	15.55	18.25	21.40	15.23	18.13	20.69	14.25	17.63
13	20.70	15.38	17.97	20.83	15.31	17.91	21.18	14.75	17.90	20.28	14.05	16.87
14	20.60	15.43	17.84	20.45	15.17	17.59	20.59	14.81	17.53	20.39	15.24	17.94
15	20.43	15.57	17.86	20.55	15.35	17.72	19.87	14.43	17.17	20.35	14.33	17.22
16	20.42	15.73	17.96	20.57	15.36	17.88	20.25	15.08	17.65	19.82	14.25	16.85
17	20.36	15.81	17.94	19.83	14.51	17.36	20.74	14.24	17.56	20.26	14.64	17.49
18	20.51	15.79	17.99	20.36	15.12	17.80	20.29	14.17	17.46	20.29	13.89	17.28
19	20.33	15.52	17.93	20.92	14.80	18.19	20.15	13.91	17.06	19.79	13.79	17.03
20	21.20	15.86	18.64	21.11	13.61	17.71	20.41	13.92	17.20	20.11	14.17	17.03
21	21.23	14.68	18.59	20.25	13.89	17.15	20.61	13.80	17.33	20.42	13.85	17.62
22	20.87	14.68	18.09	21.11	14.45	17.89	20.61	13.95	17.54	20.88	14.88	18.10
23	21.47	14.72	18.44	21.40	14.55	17.96	21.26	14.47	17.86	21.19	15.55	18.26
24	21.49	14.52	18.06	21.43	14.55	18.00	20.66	14.21	17.56	20.75	15.31	18.20
25	21.31	13.77	17.95	21.03	14.66	17.81	20.33	14.42	17.31	20.32	14.82	17.61
26	21.39	14.27	17.94	20.91	14.75	17.74	20.54	14.90	17.61	19.78	15.14	17.45
27	21.68	14.71	18.18	20.64	15.10	17.74	20.53	15.26	17.76	19.63	15.10	17.32
28	21.26	15.14	17.94	18.81	14.83	16.78	19.82	14.63	17.11	19.95	16.08	17.89
29	20.86	15.14	18.01	19.84	14.79	17.29	19.60	15.22	17.33	19.67	15.60	17.52
30	21.10	16.01	18.45	19.61	15.61	17.51	19.47	15.81	17.66	19.50	15.16	17.12
31	21.13	16.75	18.78	---	---	---	19.58	15.66	17.64	18.75	15.49	17.09
MONTH	21.68	13.77	18.23	21.43	13.61	17.71	21.40	13.80	17.50	21.41	13.54	17.55

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	19.67	15.05	17.20	19.12	15.84	17.52	19.40	14.76	17.04	20.41	14.39	17.77
2	19.56	14.57	17.00	20.02	16.07	17.98	20.10	14.48	17.46	20.39	13.76	17.32
3	19.81	13.97	17.01	20.74	15.22	18.06	20.23	13.90	17.36	21.32	13.90	17.72
4	19.91	14.58	17.40	20.36	14.70	17.68	20.53	13.47	17.28	21.80	14.18	18.03
5	21.34	14.86	18.09	20.78	14.62	17.72	20.94	13.28	17.31	22.02	13.88	17.98
6	21.31	14.26	17.88	21.03	14.11	17.78	20.87	13.27	16.95	21.22	13.70	17.53
7	21.13	13.68	17.57	21.33	13.78	17.90	20.52	13.26	16.77	21.23	13.88	17.40
8	20.85	13.77	17.44	---	14.65	---	20.84	13.32	17.04	20.91	14.72	17.64
9	20.61	13.93	17.39	---	14.74	---	20.61	13.79	16.97	20.59	14.65	17.49
10	20.42	13.67	17.25	22.17	14.78	18.64	20.61	14.68	17.36	20.28	14.96	17.18
11	19.76	14.07	17.04	21.60	15.01	18.49	20.40	15.08	17.62	19.84	14.98	17.46
12	19.70	14.37	16.92	21.07	14.89	17.95	20.58	15.78	17.92	19.78	15.40	17.48
13	19.83	14.57	17.17	20.87	15.56	18.19	20.22	15.57	17.77	19.75	15.32	17.64
14	19.76	14.33	16.88	20.70	15.49	17.82	19.83	15.45	17.69	19.69	15.12	17.58
15	19.42	14.31	16.89	20.21	14.86	17.28	20.09	15.20	17.82	19.83	15.29	17.65
16	19.58	14.66	17.10	19.62	15.31	17.34	19.95	15.22	17.74	19.85	15.16	17.50
17	20.24	15.59	17.97	20.21	15.11	17.87	19.91	14.93	17.54	20.05	15.02	17.56
18	20.84	15.64	18.35	19.96	14.97	17.57	20.03	14.98	17.54	20.45	15.18	17.70
19	20.86	15.31	18.16	20.23	15.17	17.84	19.95	14.54	17.32	20.69	15.26	17.88
20	20.81	15.14	18.16	20.62	15.54	18.20	20.80	14.72	17.93	20.74	15.07	17.83
21	20.59	14.75	17.79	20.06	14.60	17.45	21.19	15.61	18.36	20.72	15.07	17.71
22	20.06	14.83	17.49	21.09	14.40	18.07	20.80	15.37	18.12	20.61	15.06	17.62
23	19.44	14.49	16.99	21.44	16.03	18.70	20.54	14.86	17.49	20.10	14.90	17.38
24	19.68	13.50	16.77	20.23	14.81	17.79	20.22	15.17	17.67	20.03	14.44	17.16
25	20.01	15.31	17.53	20.22	14.98	17.54	19.83	15.13	17.35	20.36	14.77	17.35
26	19.21	15.05	17.34	19.97	15.12	17.52	20.10	14.96	17.24	20.22	14.92	17.36
27	19.43	15.68	17.35	19.64	15.05	17.34	20.13	15.42	17.61	19.97	14.59	17.22
28	19.53	15.23	17.17	19.58	15.16	17.16	20.17	15.60	17.83	20.72	14.85	18.12
29	---	---	---	19.54	15.24	17.10	20.40	15.40	17.81	20.98	15.22	18.24
30	---	---	---	19.68	15.13	17.16	20.00	14.80	17.58	20.73	14.36	17.79
31	---	---	---	19.50	14.45	16.92	---	---	---	20.80	14.08	17.60
MONTH	21.34	13.50	17.40	---	13.78	---	21.19	13.26	17.52	22.02	13.70	17.61

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.80	13.69	17.34	21.74	14.86	18.42	20.32	13.93	17.15	20.68	15.40	18.15
2	20.93	13.48	17.28	21.40	14.67	18.14	20.94	14.68	17.77	20.13	15.17	17.79
3	21.23	13.59	17.38	21.11	14.28	17.77	20.89	15.05	18.02	20.32	15.06	17.93
4	21.04	13.66	17.36	20.93	14.53	17.70	20.16	15.05	17.83	20.74	16.04	18.40
5	20.71	13.80	17.16	20.52	14.66	17.64	19.76	14.84	17.39	20.58	15.95	18.29
6	20.87	14.13	17.27	19.84	14.52	17.23	19.94	14.93	17.63	20.59	16.43	18.42
7	20.39	14.69	17.41	19.40	14.46	16.93	20.02	15.57	17.77	20.92	16.82	18.77
8	20.30	14.64	17.31	19.38	14.32	16.90	20.40	15.86	18.09	20.96	17.08	18.86
9	20.28	14.64	17.05	19.40	14.93	17.27	20.48	16.26	18.38	20.69	16.39	18.45
10	19.26	14.45	16.85	19.65	15.41	17.48	20.17	16.03	18.04	20.78	16.24	18.40
11	19.37	15.01	17.31	19.47	15.05	17.23	20.12	16.02	17.91	20.74	15.75	18.21
12	19.94	15.60	17.77	19.68	15.22	17.31	20.43	15.82	17.96	21.20	15.39	18.30
13	19.57	14.97	17.30	19.76	15.06	17.22	20.32	15.35	17.80	21.57	15.31	18.46
14	19.80	14.79	17.10	20.18	14.76	17.26	20.77	14.97	17.84	21.35	14.70	18.24
15	19.93	14.76	17.18	20.83	15.55	17.98	21.02	14.80	17.93	21.28	14.16	17.92
16	20.11	15.08	17.45	20.56	14.94	17.60	21.09	14.43	17.83	21.13	13.87	17.70
17	20.34	14.48	17.37	20.60	14.37	17.41	20.92	14.16	17.69	21.12	13.88	17.66
18	20.63	14.68	17.48	21.19	14.46	17.70	20.90	14.09	17.69	21.58	14.16	18.00
19	20.82	14.56	17.58	21.23	14.75	18.00	20.83	14.06	17.71	21.45	14.88	18.01
20	20.84	14.57	17.57	21.06	14.43	17.68	20.81	14.19	17.70	20.97	14.99	17.92
21	20.52	14.48	17.37	20.88	14.66	17.80	20.80	14.30	17.65	---	---	---
22	20.44	14.29	17.25	20.58	14.44	17.59	20.53	14.11	17.45	---	---	---
23	20.44	14.45	17.36	20.20	14.13	17.34	20.33	14.30	17.32	---	---	---
24	20.14	14.42	17.38	20.25	13.89	17.26	20.35	14.49	17.36	---	---	---
25	20.26	14.37	17.62	20.59	14.05	17.51	20.83	14.88	17.91	---	---	---
26	20.34	14.44	17.60	20.68	14.58	17.71	21.11	15.78	18.44	20.41	15.13	18.10
27	20.38	14.39	17.49	20.39	14.43	17.45	21.06	15.37	18.34	21.34	16.24	17.68
28	20.78	13.97	17.60	20.24	14.07	17.17	20.96	15.06	18.12	21.24	15.98	18.73
29	21.00	14.34	17.81	20.72	14.22	17.47	20.98	14.96	18.09	20.96	15.64	18.39
30	22.08	15.23	18.57	21.02	14.68	17.95	20.70	14.95	17.92	20.82	15.45	18.19
31	---	---	---	20.59	14.18	17.53	20.68	14.75	17.92	---	---	---
MONTH	22.08	13.48	17.42	21.74	13.89	17.54	21.11	13.93	17.83	---	---	---

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21'', long 81°21'57'', Aiken County, Hydrologic Unit 03050204, at center of downstream side of bridge, on county dirt road, 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi^2.

PERIOD OF RECORD.--October 1980 to March 1987, February 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records fair, except for estimated daily discharges: July 20 to Sept. 9, which are poor.

AVERAGE DISCHARGE.--7 years (water years 1980-86, 1989), 24.0 ft^3/s, 10.45 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 172 ft^3/s, May 29, 1984, gage height, 4.65 ft, at datum then in use; minimum, 12 ft^3/s, Mar. 18 - 22, 1989, gage height, 2.11 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 74 ft^3/s, July 5, gage height, 4.20 ft; minimum, 12 ft^3/s, Mar. 18 - 22, gage height, 2.11 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	26	18	24	19	14	15	24	17	16	20	18
2	16	21	18	21	18	14	15	28	21	16	23	17
3	17	19	18	23	18	18	15	23	24	16	20	17
4	18	19	19	22	18	16	15	20	16	22	20	17
5	17	21	18	21	18	19	15	19	16	46	19	18
6	16	21	18	20	20	16	15	21	18	29	19	19
7	16	19	19	19	19	14	16	19	17	26	19	17
8	16	19	19	19	18	13	17	18	16	24	18	16
9	16	18	19	20	18	13	24	20	26	22	18	16
10	16	18	19	21	18	13	29	23	19	21	18	16
11	16	18	19	20	18	12	32	20	17	21	18	16
12	16	18	18	20	17	12	25	19	17	21	17	16
13	16	18	19	20	17	12	22	18	16	21	17	16
14	16	18	19	20	17	12	21	17	16	21	17	16
15	16	17	19	20	17	12	23	21	16	22	19	16
16	16	17	20	19	17	13	22	19	21	23	21	16
17	16	19	20	19	17	12	20	18	30	22	24	16
18	16	19	19	19	17	12	19	17	31	22	20	16
19	16	19	19	19	17	12	18	17	18	21	19	16
20	16	18	19	19	18	12	18	17	23	30	18	17
21	17	18	19	19	23	12	19	17	21	23	17	23
22	18	18	18	19	24	13	18	16	24	35	16	38
23	17	20	19	19	20	21	18	16	20	28	16	19
24	17	21	19	19	19	31	18	16	18	25	19	17
25	16	19	19	19	19	23	18	19	17	23	20	17
26	16	19	19	19	19	20	18	20	16	22	18	18
27	17	19	18	19	16	18	18	22	16	21	17	17
28	17	20	18	19	15	17	17	22	16	21	25	18
29	17	19	19	18	---	17	18	25	20	21	21	18
30	17	18	19	18	---	16	18	21	17	21	19	18
31	20	---	21	19	---	15	---	18	---	20	18	---
TOTAL	513	573	584	612	511	474	576	610	580	722	590	535
MEAN	16.5	19.1	18.8	19.7	18.2	15.3	19.2	19.7	19.3	23.3	19.0	17.8
MAX	20	26	21	24	24	31	32	28	31	46	25	38
MIN	16	17	18	18	15	12	15	16	16	16	16	16

CAL YR 1988 TOTAL 5839 MEAN 18.8 MAX 60 MIN 15
WTR YR 1989 TOTAL 6880 MEAN 18.8 MAX 46 MIN 12

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.--Records good, except for estimated daily discharges: May 1 - 31, which are poor.

AVERAGE DISCHARGE.--49 years (water years 1932-71, 1981 to current year), 769 ft^3/s, 14.50 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; July 14, 15, 1986.

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, 1310 ft^3/s, Apr. 12 - 13, gage height, 6.87 ft; minimum, 242 ft^3/s, June 4, gage height, 3.68 ft; minimum daily discharge, 245 ft^3/s, June 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	410	446	569	577	504	903	965	720	274	654	786	561
2	376	482	561	625	500	923	846	690	264	563	985	545
3	360	493	550	646	502	962	763	680	256	458	926	518
4	407	507	540	676	501	976	710	660	245	526	781	466
5	413	532	529	693	494	1020	660	680	255	959	676	430
6	403	565	517	698	499	1100	632	700	262	866	584	418
7	407	593	505	705	519	1130	605	740	295	785	521	448
8	428	630	496	710	534	1060	592	800	316	787	477	432
9	474	676	490	704	546	971	673	840	354	771	432	404
10	546	701	492	689	546	914	839	880	441	728	412	377
11	645	689	490	682	538	862	1100	820	474	715	397	353
12	689	653	487	671	532	810	1280	780	497	721	384	334
13	638	624	486	654	524	768	1300	740	478	680	380	315
14	544	597	487	639	512	729	1210	700	448	616	374	300
15	445	561	487	634	498	693	1150	660	432	546	405	305
16	392	526	498	639	486	670	1140	640	379	584	482	326
17	373	507	519	644	474	673	1100	640	342	629	506	343
18	359	502	525	643	467	677	1020	620	363	642	542	345
19	348	507	523	632	464	662	927	600	368	631	587	329
20	338	516	523	623	477	645	851	560	527	656	604	329
21	345	522	525	614	554	630	850	520	621	714	693	359
22	387	525	526	603	653	628	896	500	720	884	737	500
23	397	530	527	585	699	705	871	490	775	928	692	608
24	393	542	525	566	723	856	796	460	830	932	644	641
25	390	552	514	547	741	964	726	430	869	925	638	633
26	391	560	500	529	748	990	665	400	956	911	633	642
27	394	569	488	518	755	989	632	370	1030	883	631	643
28	424	581	480	511	811	981	683	340	945	898	659	633
29	436	576	482	503	---	1060	705	310	824	926	712	636
30	419	571	483	500	---	1170	769	290	734	846	658	644
31	410	---	487	503	---	1100	---	280	---	783	586	---
TOTAL	13381	16835	15811	19163	15801	27221	25956	18540	15574	23147	18524	13817
MEAN	432	561	510	618	564	878	865	598	519	747	598	461
MAX	689	701	569	710	811	1170	1300	880	1030	959	985	644
MIN	338	446	480	500	464	628	592	280	245	458	374	300

CAL YR 1988 TOTAL 181387 MEAN 496 MAX 905 MIN 171
WTR YR 1989 TOTAL 223770 MEAN 613 MAX 1300 MIN 245

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 and data collection platform. Datum of gage is 149.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good, except for estimated daily discharges: Feb. 12 - 14, which are fair. About 9.2 ft^3/s, diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--51 years, 776 ft^3/s, 15.43 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, 1,310 ft^3/s, Apr. 12, gage height 7.16 ft; minimum 300 ft^3/s, June 3 - 5, gage height, 2.33 ft; minimum daily, 302 ft^3/s, June 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	434	439	488	512	470	758	948	515	314	663	616	549
2	418	454	480	528	468	812	837	586	313	593	667	498
3	422	458	471	557	466	882	750	587	305	518	705	484
4	473	468	461	598	466	920	677	556	302	528	703	486
5	486	499	450	611	462	968	638	574	316	687	694	484
6	457	521	443	600	468	976	618	623	325	836	649	619
7	427	545	433	591	500	981	590	649	336	950	594	667
8	420	561	426	588	499	979	586	683	343	985	540	648
9	424	581	427	582	499	944	704	763	369	1030	498	572
10	436	598	437	581	498	882	863	807	395	873	469	504
11	462	593	437	585	491	837	1150	781	405	782	433	468
12	507	569	432	584	474	798	1300	725	413	766	415	446
13	522	541	431	577	460	755	1260	669	408	707	407	426
14	479	509	431	575	447	705	1120	642	392	610	400	410
15	430	487	436	575	457	661	1040	610	391	550	476	403
16	401	468	446	577	444	658	1020	590	396	660	629	410
17	385	458	454	576	436	650	1030	590	446	661	643	417
18	380	456	455	573	430	638	980	596	461	615	589	399
19	374	459	450	561	432	621	899	574	418	560	549	385
20	373	462	448	550	440	613	839	533	405	631	514	385
21	384	465	448	544	519	601	813	504	443	734	501	410
22	411	456	444	537	614	617	832	495	538	763	520	779
23	420	455	441	530	645	718	848	481	639	825	481	882
24	412	461	437	524	653	861	805	450	654	833	473	990
25	409	465	435	503	662	959	734	417	684	802	527	1080
26	402	465	431	485	673	1010	658	392	1000	778	597	1090
27	403	467	425	480	682	988	604	375	1210	755	589	1020
28	411	481	422	485	705	921	561	359	1020	767	596	930
29	421	497	423	483	---	904	528	340	836	749	599	868
30	419	494	424	477	---	1030	508	332	735	696	611	837
31	418	---	442	474	---	1060	---	323	---	639	601	---
TOTAL	13220	14832	13708	17003	14460	25707	24740	17121	15212	22546	17285	18546
MEAN	426	494	442	548	516	829	825	552	507	727	558	618
MAX	522	598	488	611	705	1060	1300	807	1210	1030	705	1090
MIN	373	439	422	474	430	601	508	323	302	518	400	385

CAL YR 1988 TOTAL 173635 MEAN 481 MAX 1040 MIN 190
WTR YR 1989 TOTAL 214380 MEAN 587 MAX 1300 MIN 302

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 and data collection platform. 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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--44 years, 1,958 ft^3/s, 15.46 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, 3,640 ft^3/s, Apr. 16, gage height, 7.45 ft; minimum, 607 ft^3/s, June 5 - 6, gage height 1.15 ft; minimum daily, 619 ft^3/s, June 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	974	816	1020	955	1020	1580	2370	1280	700	2220	2230	1310
2	937	819	1030	1020	1020	1630	2470	1240	675	2110	2090	1320
3	909	834	1030	1100	1010	1760	2560	1270	658	1850	1960	1310
4	913	857	1020	1180	1000	1960	2460	1280	647	1600	1860	1160
5	942	887	1010	1230	995	2220	2250	1280	619	1540	1990	1060
6	958	911	994	1280	990	2450	2020	1290	623	1790	2150	1030
7	947	943	976	1330	990	2560	1790	1290	643	2000	2040	1040
8	912	968	961	1350	999	2580	1630	1330	654	2260	1790	1090
9	872	991	947	1350	1020	2640	1600	1370	679	2470	1550	1170
10	855	1020	935	1350	1030	2700	1690	1440	712	2380	1290	1180
11	855	1050	932	1350	1040	2680	1990	1560	747	2250	1110	1130
12	875	1080	933	1350	1040	2580	2460	1710	777	2180	1010	1020
13	915	1120	928	1340	1040	2430	2950	1800	801	2020	950	925
14	973	1150	920	1320	1030	2280	3340	1780	818	1810	909	860
15	1030	1150	915	1300	1020	2130	3560	1730	823	1680	888	854
16	1060	1110	921	1270	1010	1990	3630	1710	821	1770	890	843
17	995	1070	937	1250	992	1840	3480	1610	858	1720	971	809
18	884	1030	954	1230	971	1800	3270	1460	902	1570	1110	797
19	814	987	963	1220	949	1690	3080	1330	901	1650	1220	786
20	780	955	966	1210	938	1610	2930	1260	871	1790	1230	771
21	761	939	964	1210	957	1580	2770	1210	860	1770	1180	758
22	755	934	963	1200	1040	1540	2580	1150	896	1770	1130	895
23	756	939	964	1180	1140	1530	2380	1090	1020	1980	1110	1160
24	774	943	966	1160	1260	1550	2220	1080	1200	2240	1140	1310
25	786	964	970	1140	1370	1640	2130	1070	1390	2390	1210	1500
26	785	975	966	1120	1460	1840	2090	1010	1560	2450	1210	1690
27	780	978	964	1100	1520	2120	2010	915	1620	2400	1220	1800
28	780	983	955	1070	1560	2360	1830	844	1650	2320	1260	1870
29	796	997	943	1050	---	2480	1630	797	1780	2250	1270	1920
30	807	1010	931	1040	---	2490	1430	761	2060	2250	1280	1910
31	815	---	925	1030	---	2430	---	727	---	2290	1310	---
TOTAL	26995	29410	29803	37285	30411	64670	72600	39674	28965	62770	42558	35278
MEAN	871	980	961	1203	1086	2086	2420	1280	965	2025	1373	1176
MAX	1060	1150	1030	1350	1560	2700	3630	1800	2060	2470	2230	1920
MIN	755	816	915	955	938	1530	1430	727	619	1540	888	758

CAL YR 1988 TOTAL 390943 MEAN 1068 MAX 2140 MIN 356
WTR YR 1989 TOTAL 500419 MEAN 1371 MAX 3630 MIN 619

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.--Records fair, except for estimated daily discharges: Apr. 24 to May 1, which are poor. About 102 ft^3/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--50 years, 2,584 ft^3/s, 12.85 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, 5,770 ft^3/s, Apr. 19, gage height, 10.34 ft; minimum, 499 ft^3/s, June 6, gage height, 1.65 ft; minimum daily discharge, 510 ft^3/s, June 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1360	655	908	938	1130	1720	2920	2400	622	1560	3420	1470
2	1250	662	916	1020	1110	1800	2930	2100	583	1700	3390	1420
3	1170	669	930	1060	1090	2040	2890	1950	552	1890	3270	1370
4	1170	677	940	1210	1070	2370	2840	1800	559	2090	3050	1380
5	1190	719	946	1340	1050	2570	2840	1720	536	2160	2750	1390
6	1160	749	946	1400	1030	2710	2830	1670	510	2080	2430	1340
7	1130	766	942	1440	1020	2880	2740	1650	514	1850	2210	1290
8	1080	785	930	1480	1030	3200	2570	1610	517	1760	2110	1270
9	1030	813	917	1500	1030	3540	2420	1580	531	1800	2080	1290
10	973	831	905	1520	1040	3680	2420	1620	533	1880	2010	1300
11	924	843	895	1540	1050	3700	2830	1700	543	1980	1820	1280
12	888	873	886	1550	1050	3670	3300	1760	557	2070	1510	1200
13	872	908	881	1560	1050	3650	3710	1830	574	2110	1220	1070
14	871	942	880	1560	1050	3590	3940	1920	591	2100	1070	919
15	894	977	875	1570	1040	3480	4120	1970	605	2130	987	821
16	931	1000	870	1600	1020	3340	4480	1980	621	2200	898	805
17	968	1020	873	1610	1000	3170	5020	1940	637	2200	825	791
18	957	1010	884	1580	987	2990	5530	1880	657	2100	820	743
19	873	984	900	1520	980	2860	5740	1840	677	2000	901	693
20	770	949	915	1480	969	2720	5760	1730	700	1900	1020	652
21	714	908	928	1440	958	2560	5630	1570	698	1890	1080	622
22	686	867	932	1410	1050	2400	5240	1440	665	1930	1070	1430
23	662	846	932	1380	1190	2290	4800	1340	673	2000	1030	2150
24	644	853	932	1350	1300	2310	4400	1230	727	2170	1000	2460
25	635	862	932	1310	1420	2500	4000	1140	836	2400	1040	2680
26	646	872	930	1280	1520	2570	3600	1080	942	2700	1130	2830
27	648	890	927	1240	1600	2580	3300	1020	1070	2940	1210	2870
28	649	903	925	1220	1670	2580	3100	914	1250	3130	1310	2920
29	646	904	918	1180	---	2640	2900	797	1380	3290	1420	2980
30	644	904	906	1140	---	2740	2700	719	1480	3370	1490	3080
31	645	---	895	1130	---	2850	---	664	---	3350	1480	---
TOTAL	27680	25641	28296	42558	31504	87700	111500	48564	21340	68730	51051	46516
MEAN	893	855	913	1373	1125	2829	3717	1567	711	2217	1647	1551
MAX	1360	1020	946	1610	1670	3700	5760	2400	1480	3370	3420	3080
MIN	635	655	870	938	958	1720	2420	664	510	1560	820	622

CAL YR 1988 TOTAL 457314 MEAN 1249 MAX 3120 MIN 268
WTR YR 1989 TOTAL 591080 MEAN 1619 MAX 5760 MIN 510

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (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 TOTAL (MG/L AS CACO3)
NOV												
17...	1700	1020	71	6.60	17.0	2.9	761	8.0	83	K90	460	14
JAN												
31...	1230	1130	75	6.90	13.0	2.7	761	9.6	91	K10	K10	16
MAR												
22...	1700	2360	80	6.90	17.5	2.0	766	6.8	71	K47	170	22
MAY												
31...	1030	671	81	6.80	27.5	2.0	767	6.5	82	K10000	350	15
JUL												
31...	1800	3350	70	6.60	26.0	2.0	761	4.7	58	K55	110	27
SEP												
29...	1400	2940	84	6.40	21.0	2.6	763	2.0	22	900	2300	29

DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)
NOV												
17...	3.9	1.0	7.9	53	0.9	1.2	8.0	16	10	0.10	8.7	67
JAN												
31...	4.7	0.92	7.5	49	0.8	1.3	12	11	10	0.10	5.4	47
MAR												
22...	7.0	1.2	6.8	38	0.6	1.6	15	18	11	0.10	2.9	61
MAY												
31...	4.7	0.84	9.3	55	1	0.90	12	9.0	11	0.10	5.7	54
JUL												
31...	8.6	1.2	4.8	27	0.4	1.6	17	4.0	9.2	0.10	8.1	80
SEP												
29...	9.0	1.7	4.9	24	0.4	3.3	20	3.0	9.3	0.10	8.4	80

DATE	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-PHOROUS TOTAL (MG/L AS P)	PHOS-PHOROUS DIS-SOLVED (MG/L AS P)	PHOS-PHOROUS ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)
NOV												
17...	53	0.09	185	<0.100	0.050	0.06	0.60	0.060	0.040	0.020	0.06	120
JAN												
31...	48	0.06	143	0.220	0.040	0.05	0.40	0.050	0.040	0.020	0.06	90
MAR												
22...	55	0.08	389	<0.100	0.030	0.04	0.70	0.070	0.050	<0.010	--	--
MAY												
31...	48	0.07	97.8	0.360	0.020	0.03	<0.70	0.060	0.060	0.040	0.12	70
JUL												
31...	47	0.11	724	0.110	0.020	0.03	0.70	0.050	0.030	0.020	0.06	160
SEP												
29...	49	0.11	635	<0.100	0.030	0.04	1.6	0.100	0.030	0.030	0.09	--

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DATE	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)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
NOV											
17...	1	40	<0.5	1	<1	<3	3	360	<5	<4	19
JAN											
31...	1	39	<0.5	<1	<1	<3	2	290	<5	<4	12
MAY											
31...	1	48	<0.5	<1	<1	<3	2	480	2	<4	24
JUL											
31...	1	72	<0.5	<1	1	<3	4	730	2	<4	29

DATE	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											
17...	--	10	2	2	<1.0	16	<6	19	4	11	96
JAN											
31...	0.5	<10	<1	<1	<1.0	18	<6	18	2	6.1	100
MAR											
22...	--	--	--	--	--	--	--	--	3	19	100
MAY											
31...	<0.1	<10	1	<1	<1.0	20	<6	22	7	13	100
JUL											
31...	<0.1	<10	3	<1	<1.0	30	<6	24	6	54	91
SEP											
29...	--	--	--	--	--	--	--	--	9	71	88

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 and data collection platform. Datum of gage is 64.35 ft above National Geodetic Vertical Datum of 1929. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft upstream at same datum.

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

AVERAGE DISCHARGE.--38 years, 337 ft^3/s, 13.42 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, 869 ft^3/s, Apr. 14, gage height, 3.98 ft; minimum, 42 ft^3/s, June 5, gage height 1.32 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	245	148	224	300	205	389	290	117	47	150	340	198
2	217	155	223	295	212	379	230	163	44	108	418	154
3	201	157	220	322	212	454	200	194	47	92	395	145
4	228	158	215	372	203	507	181	210	48	97	310	218
5	242	191	211	376	193	544	168	210	44	108	218	238
6	250	210	204	379	187	604	166	214	54	203	168	215
7	267	224	198	393	186	619	182	224	69	225	143	188
8	270	230	193	412	190	573	177	213	68	273	124	168
9	234	235	190	393	188	521	242	179	75	402	111	160
10	189	242	190	363	184	473	348	194	83	378	110	149
11	161	237	194	322	183	417	513	200	84	319	105	134
12	144	228	203	285	178	380	677	201	88	260	101	118
13	135	220	204	256	170	336	802	209	92	236	97	104
14	129	211	204	239	166	296	858	216	84	191	96	98
15	120	205	203	234	166	268	830	205	70	145	100	97
16	115	203	214	242	166	251	817	175	65	147	109	97
17	112	202	226	238	164	240	734	187	114	147	131	114
18	111	200	229	230	162	232	587	175	146	159	186	122
19	109	196	229	223	163	222	471	136	163	186	299	115
20	108	192	231	221	163	216	395	114	176	253	376	103
21	114	189	233	215	206	222	346	102	176	301	345	228
22	118	188	233	204	315	221	302	92	239	369	228	421
23	121	193	228	196	357	247	255	85	313	425	159	620
24	124	201	221	190	389	289	218	78	432	437	131	623
25	125	203	213	185	409	316	190	73	426	521	122	693
26	126	204	204	179	424	346	172	70	429	559	145	818
27	125	202	197	175	432	397	155	63	514	617	205	743
28	127	205	191	172	419	432	138	58	465	585	279	624
29	134	208	189	174	---	439	123	56	377	481	276	524
30	139	219	185	186	---	412	113	52	260	346	217	437
31	140	---	191	203	---	359	---	50	---	323	236	---
TOTAL	4980	6056	6490	8174	6592	11601	10880	4515	5292	9043	6280	8666
MEAN	161	202	209	264	235	374	363	146	176	292	203	289
MAX	270	242	233	412	432	619	858	224	514	617	418	818
MIN	108	148	185	172	162	216	113	50	44	92	96	97

CAL YR 1988 TOTAL 73067 MEAN 200 MAX 1010 MIN 29
WTR YR 1989 TOTAL 88569 MEAN 243 MAX 858 MIN 44

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

LOCATION.--Lat 32°50'10'', long 81°07'55'', Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi^2.

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.

AVERAGE DISCHARGE.--38 years, 180 ft^3/s, 12.04 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, 1986, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1210 ft^3/s, Sept. 23, gage height, 4.86 ft; minimum, 0.65 ft^3/s, June 5, 6, gage height, 1.65 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	242	60	73	109	73	115	104	37	2.9	16	30	93
2	195	62	75	165	78	135	87	86	2.0	18	35	107
3	176	64	73	222	76	290	74	106	1.6	11	29	155
4	226	65	67	240	72	485	65	93	1.5	9.9	24	120
5	312	85	62	226	67	503	57	72	.82	20	19	128
6	317	111	59	202	63	433	52	72	1.0	58	13	129
7	264	137	58	188	65	422	52	81	2.6	104	8.9	128
8	197	135	57	158	66	370	52	68	4.9	100	6.5	120
9	154	122	57	134	63	306	115	53	8.3	65	7.0	99
10	129	108	57	124	57	270	298	91	11	29	6.5	73
11	116	99	59	117	53	234	749	138	11	17	6.9	52
12	107	89	65	112	49	201	843	143	9.0	11	6.6	36
13	91	83	71	109	46	178	690	109	6.9	13	5.5	26
14	77	78	72	103	46	159	518	75	5.3	17	6.7	21
15	67	75	70	98	47	146	402	54	3.6	39	10	20
16	62	72	79	99	46	134	366	41	4.3	42	26	38
17	60	71	90	100	43	125	349	29	9.5	45	60	63
18	58	70	97	100	43	123	303	21	19	51	111	85
19	53	67	97	98	45	122	239	15	30	43	194	77
20	49	66	91	95	44	146	194	12	42	66	110	55
21	64	70	83	88	58	140	171	9.9	38	88	59	155
22	76	67	80	82	124	125	166	7.0	38	84	39	705
23	88	70	76	77	207	135	150	6.2	27	106	28	1130
24	87	78	73	70	223	182	126	6.7	19	141	21	1120
25	82	87	70	67	183	229	103	4.8	27	180	22	814
26	71	92	65	64	146	235	82	6.3	38	126	26	571
27	60	92	61	65	127	202	64	4.6	25	80	59	394
28	55	93	59	63	116	169	49	4.0	15	51	108	292
29	58	86	59	62	---	141	39	3.5	15	34	83	218
30	56	76	54	63	---	123	36	4.1	13	35	67	175
31	56	---	58	69	---	113	---	3.9	---	39	117	---
TOTAL	3705	2530	2167	3569	2326	6691	6595	1457.0	432.22	1738.9	1344.6	7199
MEAN	120	84.3	69.9	115	83.1	216	220	47.0	14.4	56.1	43.4	240
MAX	317	137	97	240	223	503	843	143	42	180	194	1130
MIN	49	60	54	62	43	113	36	3.5	.82	9.9	5.5	20

CAL YR 1988 TOTAL 39250.67 MEAN 107 MAX 1140 MIN .00
WTR YR 1989 TOTAL 39754.72 MEAN 109 MAX 1130 MIN .82

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA

LOCATION.--Lat 34°48'50'', long 83°18'22'', Oconee County, SC-Rabon County, GA, Hydrologic Unit 03060102, on left bank, 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from War Woman Creek, and 9 mi upstream from confluence with Tallulah River. Water-quality sampling site at gaging station. See Water Resources Data for Georgia.

DRAINAGE AREA.--207 mi^2.

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for May 1907 to June 1908, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above National Geodetic Vertical Datum of 1929. May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

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

AVERAGE DISCHARGE.--50 years (water years 1940-89), 646 ft^3/s, 42.38 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 discharges 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)
Jan. 16	2000	3,500	4.03	July 4	1200	*5,200	*5.00
July 3	1900	5,110	4.95				

Minimum discharge, 123 ft^3/s, Oct. 1, gage height, 0.90 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124	151	358	824	301	1150	523	582	342	906	968	554
2	603	145	323	624	296	836	499	661	337	851	942	535
3	788	135	300	480	290	763	512	486	335	2620	865	511
4	744	134	285	408	284	709	544	442	330	4240	818	487
5	394	530	266	360	320	1570	700	755	360	2510	787	474
6	292	407	254	390	444	1620	622	1560	388	2380	749	500
7	246	269	245	402	399	1360	710	863	383	2050	717	505
8	219	225	237	373	368	1050	791	694	383	1720	682	482
9	202	209	232	412	330	904	898	708	1050	1570	669	460
10	193	200	223	548	313	811	748	877	662	1450	653	442
11	183	206	217	628	302	746	669	709	475	1390	647	475
12	173	192	210	1040	296	700	619	628	421	1370	722	623
13	161	179	204	911	287	658	583	584	626	1290	797	796
14	155	176	203	750	281	620	564	562	474	1230	680	674
15	155	171	200	770	277	594	603	683	1440	1200	754	559
16	153	172	197	692	273	638	582	566	2260	1190	739	583
17	152	236	192	589	320	569	536	523	1850	1140	760	515
18	150	231	184	534	446	550	513	494	1100	980	666	476
19	170	196	171	493	418	539	509	477	1060	971	690	454
20	158	459	197	460	414	548	505	499	1960	1100	629	441
21	160	725	185	428	900	782	466	491	2330	1700	593	463
22	179	419	186	405	878	765	443	451	2160	1330	574	562
23	152	352	216	390	613	864	435	531	2010	1550	557	517
24	146	344	280	376	514	1210	421	457	1790	1500	557	450
25	140	295	403	359	463	880	412	422	1420	1230	576	852
26	139	271	291	347	440	746	401	407	1250	1250	577	1910
27	137	566	249	345	516	674	389	400	1090	1210	618	982
28	159	672	244	331	1720	631	381	382	1040	1120	685	751
29	157	487	282	319	---	591	422	369	1010	1020	818	1390
30	135	405	274	317	---	585	420	364	1020	990	667	2160
31	138	---	683	310	---	566	---	354	---	1060	623	---
TOTAL	7057	9159	7991	15615	12703	25229	16420	17981	31356	46118	21779	20583
MEAN	228	305	258	504	454	814	547	580	1045	1488	703	686
MAX	788	725	683	1040	1720	1620	898	1560	2330	4240	968	2160
MIN	124	134	171	310	273	539	381	354	330	851	557	441

CAL YR 1988 TOTAL 126670 MEAN 346 MAX 3110 MIN 124
WTR YR 1989 TOTAL 231991 MEAN 636 MAX 4240 MIN 124

02184475 HOWARD CREEK NEAR JOCASSEE, SC

LOCATION.--Lat 35°00'10'', long 83°01'31'', Oconee county, Hydrologic Unit 03060101, on left side of downstream end of culvert on SC Hwy 130, at confluence of West Bad Creek, 0.3 mi upstream of Bad Creek, 1.4 mi south of NC-SC border, and 8.2 mi northwest of Salem.

DRAINAGE AREA.--2.16 mi^2

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

GAGE.--Data collection platform. Datum of gage is 2,100 ft above National Geodetic Verticle Datum of 1929 (from topographic map)

REMARKS.--May 1988 to September 1988: Records fair, except for estimated daily discharges: May 1 - 11, 19, which are poor.
WATER YEAR 1989: Records fair, except for estimated daily discharges: Dec. 7, 8, Feb. 5, Feb. 13, 14, Mar. 5, May 8, June 12, July 1 - 17, Aug. 12, 13, 19 - 22, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 3, 1989, gage height, 2.33 ft; minimum daily, 1.4 ft^3/s, June 11, 15, 16, 19, 1988.

EXTREMES FOR CURRENT YEAR.--May 1988 to September 1988: maximum discharge, 31 ft^3/s, July 23, gage height, 1.16 ft; minimum daily, 1.4 ft^3/s, June 11, 15, 16, 19, 1988.
WATER YEAR 1989: Maximum discharge, unknown, July 3, gage height, 2.33 ft; minimum daily, 1.7 ft^3/s, Nov. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	4.1	1.9	3.5	5.2	2.6
2	---	---	---	---	---	---	---	3.8	1.8	2.2	5.0	2.6
3	---	---	---	---	---	---	---	4.4	1.8	10	3.0	2.9
4	---	---	---	---	---	---	---	4.0	1.8	4.5	3.7	5.4
5	---	---	---	---	---	---	---	3.7	2.5	5.7	6.3	3.8
6	---	---	---	---	---	---	---	3.5	2.1	3.1	6.6	2.6
7	---	---	---	---	---	---	---	3.5	1.6	2.9	3.4	2.0
8	---	---	---	---	---	---	---	3.6	1.6	1.9	4.0	2.2
9	---	---	---	---	---	---	---	3.5	1.6	3.0	2.1	1.8
10	---	---	---	---	---	---	---	3.4	2.4	2.4	2.7	1.5
11	---	---	---	---	---	---	---	3.0	1.4	3.9	8.7	1.9
12	---	---	---	---	---	---	---	3.4	2.2	3.8	7.7	2.4
13	---	---	---	---	---	---	---	4.1	1.5	3.4	3.0	2.4
14	---	---	---	---	---	---	---	4.1	2.1	4.2	2.8	2.2
15	---	---	---	---	---	---	---	4.0	1.4	2.9	2.4	2.2
16	---	---	---	---	---	---	---	3.3	1.4	2.1	1.5	2.1
17	---	---	---	---	---	---	---	2.8	1.7	2.9	3.2	14
18	---	---	---	---	---	---	---	2.5	2.4	2.9	1.5	6.9
19	---	---	---	---	---	---	---	2.9	2.1	1.9	1.4	4.9
20	---	---	---	---	---	---	---	2.7	4.0	2.2	1.7	4.1
21	---	---	---	---	---	---	---	2.5	2.2	7.5	2.7	4.5
22	---	---	---	---	---	---	---	3.9	1.6	6.8	2.5	4.3
23	---	---	---	---	---	---	---	3.0	2.0	9.6	3.3	4.0
24	---	---	---	---	---	---	---	2.1	2.1	11	3.3	2.7
25	---	---	---	---	---	---	---	2.8	6.6	4.4	3.1	4.0
26	---	---	---	---	---	---	---	1.9	3.4	3.1	2.7	2.7
27	---	---	---	---	---	---	---	1.9	3.5	5.1	3.1	3.7
28	---	---	---	---	---	---	---	2.7	1.9	4.9	3.4	2.8
29	---	---	---	---	---	---	---	1.9	1.8	2.1	2.9	2.4
30	---	---	---	---	---	---	---	2.8	7.3	2.3	3.3	2.5
31	---	---	---	---	---	---	---	2.5	---	2.0	2.9	---
TOTAL	---	---	---	---	---	---	---	98.3	71.7	128.2	109.1	104.1
MEAN	---	---	---	---	---	---	---	3.17	2.39	4.14	3.52	3.47
MAX	---	---	---	---	---	---	---	4.4	7.3	11	8.7	14
MIN	---	---	---	---	---	---	---	1.9	1.4	1.9	1.4	1.5

WTR YR 1988 TOTAL 511.4 MEAN 3.34 MAX 14 MIN 1.4

02184475 HOWARD CREEK NEAR JOCASSEE, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND,WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	3.1	4.1	8.9	3.0	12	8.6	16	7.0	23	10	9.7
2	19	1.7	4.1	5.0	3.5	8.9	7.7	9.1	5.1	15	9.6	11
3	12	2.3	3.8	3.2	3.5	8.8	8.3	7.1	3.9	100	18	12
4	6.5	1.8	3.8	3.8	3.2	8.8	8.4	4.9	6.2	90	18	5.2
5	5.2	21	3.1	2.8	4.0	25	12	19	6.4	80	14	13
6	4.1	7.6	3.4	4.0	4.8	32	7.7	22	5.7	55	13	11
7	3.9	4.0	3.0	3.5	4.8	26	17	12	8.0	35	14	8.1
8	3.6	3.2	2.0	4.0	4.1	20	15	9.2	10	25	11	8.8
9	3.0	2.6	2.4	4.3	4.1	10	15	10	26	20	8.7	10
10	2.9	2.0	3.4	6.0	3.7	10	11	12	19	17	6.4	5.3
11	3.0	2.5	3.9	9.5	3.9	8.8	11	8.7	9.3	16	6.2	16
12	3.0	2.4	2.2	8.9	3.6	8.4	8.5	8.3	9.0	15	7.0	20
13	4.0	2.4	2.0	9.7	3.4	9.2	8.6	7.9	17	15	13	36
14	3.2	1.8	2.1	5.8	3.2	7.9	6.9	8.1	21	15	20	28
15	3.3	2.4	4.6	7.9	3.8	7.4	12	10	27	14	27	26
16	3.3	1.8	2.0	6.7	3.4	8.7	9.0	8.0	43	14	23	25
17	2.9	5.4	3.0	4.2	4.8	7.6	6.4	7.3	30	14	17	13
18	2.3	2.9	2.8	5.4	6.1	8.1	7.5	6.9	27	13	12	12
19	3.0	2.7	2.5	4.4	5.3	7.0	7.7	6.4	26	13	8.0	9.7
20	2.4	11	2.7	3.8	6.8	7.2	6.7	7.1	39	13	6.0	11
21	4.1	5.7	1.8	3.8	13	15	5.6	7.3	39	15	5.4	13
22	4.2	4.2	2.6	3.4	9.6	12	6.1	6.6	52	14	5.1	12
23	4.0	3.7	3.5	3.4	6.8	20	6.4	8.0	32	14	9.9	11
24	5.1	2.9	4.5	2.8	5.4	21	6.1	5.8	29	18	10	8.6
25	7.6	3.1	3.8	2.0	4.8	12	5.4	6.0	27	21	11	26
26	3.5	3.1	2.8	4.1	5.5	12	5.0	7.7	26	28	15	35
27	2.1	11	2.6	3.5	11	8.6	4.6	6.3	26	28	13	22
28	3.2	8.4	3.8	3.1	25	9.4	5.4	6.2	27	21	43	21
29	1.9	5.3	2.6	3.0	---	9.3	6.0	6.2	26	24	30	29
30	2.9	5.0	4.8	3.2	---	8.7	6.0	6.4	25	17	14	39
31	1.8	---	8.8	3.2	---	10	---	5.5	---	11	14	---
TOTAL	133.6	137.0	102.5	147.3	164.1	379.8	251.6	272.0	654.6	813	432.3	507.4
MEAN	4.31	4.57	3.31	4.75	5.86	12.3	8.39	8.77	21.8	26.2	13.9	16.9
MAX	19	21	8.8	9.7	25	32	17	22	52	100	43	39
MIN	1.8	1.7	1.8	2.0	3.0	7.0	4.6	4.9	3.9	11	5.1	5.2

CAL YR 1988 TOTAL 884.5 MEAN 3.61 MAX 21 MIN 1.4
WTR YR 1989 TOTAL 3995.2 MEAN 10.9 MAX 100 MIN 1.7

02185200 LITTLE RIVER NEAR WALHALLA, SC

LOCATION.--Lat 34°50'11'', long 82°58'48'', Oconee County, Hydrologic Unit 03060101, at downstream side of bridge on County Road 24, 0.5 mi downstream from Oconee Creek, 3.5 mi south of Salem, and 6.5 mi northeast of Walhalla.

DRAINAGE AREA.--72.0 mi^2.

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--22 years, 173 ft^3/s, 32.63 in/yr.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 12,800 ft^3/s, June 4, 1967, gage height, 12.29 ft (revised); minimum, 12 ft^3/s, Aug. 3,4, 1986, gage height, 0.84 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
June 16	1700	1800	4.25	July 3	1615	*4630	*6.98

Minimum discharge, 36 ft^3/s, Oct. 30, gage height, 1.01 ft; minimum daily, 36 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	50	76	190	57	197	120	133	69	131	278	133
2	136	43	71	126	57	140	115	140	68	126	230	125
3	217	40	68	101	56	138	120	112	68	2340	204	117
4	143	40	69	92	55	134	128	106	66	1950	185	111
5	89	128	73	86	63	317	154	160	69	650	166	111
6	69	86	75	97	81	489	133	201	78	503	162	121
7	60	83	72	90	80	293	161	141	75	366	153	121
8	55	77	66	83	71	205	171	125	85	283	147	116
9	51	73	64	85	65	172	183	138	168	241	143	111
10	49	71	60	114	62	153	157	167	112	213	141	108
11	46	69	57	154	61	140	144	137	89	201	139	108
12	43	66	54	225	60	133	135	125	80	194	138	110
13	39	64	52	170	59	125	129	115	91	193	146	147
14	39	52	49	139	58	119	123	107	82	180	174	127
15	40	50	51	137	58	114	130	114	144	174	159	141
16	40	50	51	134	57	120	123	104	690	171	148	155
17	40	61	49	122	59	110	117	98	363	167	146	126
18	39	52	69	113	80	108	113	94	197	198	139	117
19	45	49	133	113	81	105	110	93	189	200	142	112
20	40	76	132	107	82	114	110	100	579	216	134	109
21	45	86	130	108	143	142	107	94	763	233	129	115
22	47	67	84	128	132	151	104	89	565	248	125	143
23	41	67	92	127	100	253	102	119	311	217	123	123
24	42	67	95	100	86	307	101	92	227	202	122	111
25	39	62	98	96	80	205	99	86	188	178	125	296
26	39	61	75	75	77	172	95	83	164	167	146	513
27	38	117	72	70	106	153	92	80	149	161	185	225
28	38	124	69	61	396	143	97	74	150	163	139	181
29	38	93	61	60	---	136	102	73	153	147	156	218
30	38	83	67	59	---	135	106	72	142	144	149	399
31	40	---	165	58	---	129	---	71	---	297	159	---
TOTAL	1761	2107	2399	3420	2422	5352	3681	3443	6174	10854	4832	4750
MEAN	56.8	70.2	77.4	110	86.5	173	123	111	206	350	156	158
MAX	217	128	165	225	396	489	183	201	763	2340	278	513
MIN	36	40	49	58	55	105	92	71	66	126	122	108

CAL YR 1988 TOTAL 31686 MEAN 86.6 MAX 921 MIN 25
WTR YR 1989 TOTAL 51195 MEAN 140 MAX 2340 MIN 36

02185300 LAKE KEOWEE NEAR SIX MILE, SC

LOCATION.--Lat 34°47'59'', long 82°53'06'', Pickens County, Hydrologic Unit 03060101, on right wingwall of Lake Keowee Spillway, approximately 100 ft. from spillway.

PERIOD OF RECORD.--October 1988 to September 1989.

GAGE.--Data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (based on Bench Mark elevation provided by Duke Power Company).

REMARKS.--Lake is formed by earth dikes and dam. Generation began in 1971. Usable capacity, 17,060,000,000 ft^3 between elevations 775.0 ft (normal limit of drawdown) and 800.0 ft (maximum normal elevation). Dead storage below 775.0 ft, 22,620,000,000 ft^3. Lake is used for generation of power and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 799.33 ft, July 22, 1989; minimum gage height, 786.10 ft, Feb. 27, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 799.33 ft, July 22, minimum gage height, 786.10 ft, Feb. 27.

Capacity table (Elevation, in feet)
and usable contents (in billions of cubic feet)
(Provided by Duke Power Co.)

780.0 ft	2.94 ft^3
785.0 ft	6.11 ft^3
790.0 ft	9.52 ft^3
795.0 ft	13.18 ft^3
800.0 ft	17.06 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	789.47	788.70	788.99	788.50	788.82	787.51	791.50	790.35	791.90	797.32	798.32	798.40
2	788.83	788.46	788.77	789.19	788.68	788.04	790.03	790.23	792.78	796.79	798.40	798.28
3	789.75	788.60	789.06	790.01	788.56	789.09	789.80	789.90	793.10	797.73	798.52	798.19
4	789.92	788.84	788.40	789.88	788.28	789.27	789.66	789.75	792.70	797.51	798.76	798.08
5	790.08	789.67	788.89	789.66	788.42	788.66	789.83	790.32	793.14	797.87	798.79	798.27
6	790.22	789.08	788.47	789.27	788.62	789.31	791.59	790.78	792.32	798.26	798.53	798.41
7	790.16	788.93	788.27	789.07	788.14	790.18	791.94	790.48	792.49	798.31	798.88	798.29
8	789.58	789.08	788.49	788.57	787.46	789.55	791.68	790.46	792.85	798.68	798.77	798.50
9	789.61	789.08	788.71	788.51	787.36	789.81	789.54	790.60	792.87	798.40	798.29	798.65
10	789.97	789.15	788.40	788.47	787.26	789.62	789.85	791.12	793.50	798.10	798.89	798.22
11	789.91	789.29	787.89	788.32	787.56	790.43	790.14	791.01	793.46	798.21	798.71	798.37
12	790.24	789.81	788.53	788.55	787.20	790.00	790.02	791.87	793.13	798.17	798.56	798.35
13	790.29	789.07	787.67	788.99	787.17	789.42	790.09	791.75	792.48	798.35	798.31	798.74
14	790.01	788.90	787.57	788.84	787.15	789.61	790.84	790.08	792.67	798.69	798.17	798.76
15	790.31	788.61	787.64	787.59	787.29	789.44	791.35	791.00	793.25	798.85	798.23	798.86
16	789.98	788.33	787.55	788.09	787.60	790.39	790.83	791.11	794.11	798.47	798.75	799.03
17	789.70	788.38	787.83	787.91	787.76	790.49	790.93	792.04	794.20	798.26	798.41	798.40
18	789.57	788.94	786.96	787.57	787.73	790.42	791.35	793.17	793.34	799.16	798.68	798.59
19	789.43	789.51	787.05	787.87	787.15	790.72	791.38	793.10	793.15	798.98	798.64	798.28
20	789.37	788.86	786.92	788.19	787.75	790.49	791.55	791.93	793.67	798.11	798.33	797.58
21	790.13	788.82	787.39	788.55	788.01	789.78	792.67	791.00	794.75	798.91	798.31	797.19
22	790.28	789.05	787.61	788.19	787.47	789.96	792.44	791.02	795.33	799.22	798.44	797.00
23	789.37	789.47	787.86	788.20	787.60	790.67	789.49	791.18	796.31	798.45	798.24	796.23
24	788.96	789.10	787.88	788.27	787.47	790.29	789.66	790.59	796.37	798.68	797.89	796.86
25	788.76	788.83	787.40	787.82	787.67	790.09	790.12	790.83	796.32	798.94	798.83	797.21
26	788.76	789.09	788.22	788.11	786.90	788.77	790.28	791.89	796.45	799.05	798.39	797.47
27	789.06	789.13	788.67	788.30	787.76	789.32	790.92	792.25	796.50	798.52	797.91	797.11
28	789.46	789.05	787.93	788.89	787.82	790.16	791.04	791.56	796.22	798.67	798.24	797.06
29	789.54	789.00	788.25	788.32	---	789.92	790.38	790.82	796.32	798.49	797.99	797.65
30	789.27	789.41	788.14	788.50	---	789.82	789.79	791.29	796.84	798.28	798.05	797.63
31	789.57	---	788.50	788.47	---	790.44	---	791.23	---	798.42	798.36	---
MAX	790.31	789.81	789.06	790.01	788.82	790.72	792.67	793.17	796.84	799.22	798.89	799.03
MIN	788.76	788.33	786.92	787.57	786.90	787.51	789.49	789.75	791.90	796.79	797.89	796.23
(+)	9.23	9.12	8.50	8.48	8.03	9.84	9.38	10.42	14.61	15.83	15.79	15.22
(*)	-238	-42	-232	-8	-184	676	-179	389	1615	458	-17	-219

WTR YR 1989 * 170 MAX 799.22 MIN 786.90

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

02186645 CONEROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1989 to September 1989.

GAGE.--Water-stage recorder. Elevation of gage is 740 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except those greater than 500 ft^3/s and estimated daily discharges: June 16, 17, 20, 21, July 3, 4, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 4, 1989, gage height, 11.68 ft; minimum, 32 ft^3/s, June 4, 1989, gage height, 2.88 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, July 4, 1989, gage height, 11.68 ft; minimum, 32 ft^3/s, June 4, 1989, gage height, 2.88 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	81	36	73	74	56
2	---	---	---	---	---	---	---	89	35	65	94	52
3	---	---	---	---	---	---	---	60	34	1440	73	49
4	---	---	---	---	---	---	---	52	35	2280	66	45
5	---	---	---	---	---	---	---	85	40	476	60	44
6	---	---	---	---	---	---	---	99	59	354	57	51
7	---	---	---	---	---	---	76	66	45	256	56	51
8	---	---	---	---	---	---	109	56	46	221	53	49
9	---	---	---	---	---	---	121	71	71	198	51	46
10	---	---	---	---	---	---	90	127	59	186	50	43
11	---	---	---	---	---	---	78	80	46	167	48	42
12	---	---	---	---	---	---	70	67	39	108	48	42
13	---	---	---	---	---	---	65	60	38	89	48	59
14	---	---	---	---	---	---	62	55	36	80	47	57
15	---	---	---	---	---	---	72	56	74	75	58	65
16	---	---	---	---	---	---	63	52	511	75	72	82
17	---	---	---	---	---	---	58	47	348	99	69	55
18	---	---	---	---	---	---	55	45	182	207	100	49
19	---	---	---	---	---	---	64	44	145	154	63	47
20	---	---	---	---	---	---	69	48	493	132	56	45
21	---	---	---	---	---	---	58	48	653	183	53	47
22	---	---	---	---	---	---	54	45	547	208	50	81
23	---	---	---	---	---	---	51	110	274	129	50	68
24	---	---	---	---	---	---	51	61	168	105	49	53
25	---	---	---	---	---	---	50	51	114	90	46	165
26	---	---	---	---	---	---	48	47	89	83	76	366
27	---	---	---	---	---	---	45	43	76	79	91	126
28	---	---	---	---	---	---	44	39	75	74	61	83
29	---	---	---	---	---	---	49	38	79	68	76	96
30	---	---	---	---	---	---	46	39	113	65	86	175
31	---	---	---	---	---	---	---	38	---	72	65	---
TOTAL	---	---	---	---	---	---	---	1899	4560	7891	1946	2289
MEAN	---	---	---	---	---	---	---	61.3	152	255	62.8	76.3
MAX	---	---	---	---	---	---	---	127	653	2280	100	366
MIN	---	---	---	---	---	---	---	38	34	65	46	42

02187250 HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'25'', long 82°49'20'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 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 October 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 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. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft, Apr. 8, 1964; minimum, 626.70 ft, Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 660.03 ft, Aug. 7; minimum, 645.33 ft, Dec. 30.

Capacity table (elevation, in feet) and
usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

645.0 ft	29.82 ft^3
650.0 ft	39.42 ft^3
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 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	647.15	646.55	646.14	645.73	646.29	647.73	650.16	650.65	650.91	654.29	659.76	657.82
2	647.34	646.48	646.14	645.73	646.20	647.79	650.21	650.63	650.79	654.37	659.80	657.87
3	647.54	646.43	646.21	645.77	646.20	647.86	650.21	650.58	650.82	655.29	659.82	657.88
4	647.60	646.46	646.25	645.84	646.25	648.01	650.28	650.57	650.87	656.07	659.78	657.84
5	647.58	646.65	646.20	645.86	646.34	648.34	650.28	650.62	650.83	656.45	659.83	657.82
6	647.54	646.69	646.19	645.86	646.26	648.49	650.30	650.81	650.94	656.66	659.98	657.87
7	647.45	646.60	646.17	645.95	646.45	648.64	650.29	650.88	650.85	656.95	659.85	657.75
8	647.46	646.52	646.13	646.04	646.62	648.71	650.52	650.88	650.83	657.20	659.72	657.68
9	647.49	646.45	646.04	646.00	646.55	648.70	650.62	650.99	650.90	657.44	659.56	657.74
10	647.39	646.41	646.09	646.03	646.38	648.68	650.62	651.04	651.00	657.56	659.52	657.77
11	647.28	646.35	646.14	646.01	646.44	648.78	650.59	651.02	651.03	657.65	659.45	657.77
12	647.25	646.36	646.21	646.15	646.49	648.91	650.57	650.96	650.97	657.66	659.49	657.73
13	647.24	646.40	646.03	646.34	646.42	648.91	650.54	651.03	650.92	657.67	659.55	657.65
14	647.22	646.47	645.99	646.62	646.37	648.95	650.46	651.17	650.89	657.69	659.36	657.37
15	647.25	646.32	645.99	646.80	646.28	648.91	650.63	651.11	650.98	657.76	659.19	657.41
16	647.27	646.30	645.96	646.80	646.23	648.87	650.72	651.03	651.35	657.93	659.00	657.49
17	647.21	646.23	645.95	646.84	646.23	648.82	650.67	651.05	651.64	658.08	658.83	657.53
18	647.14	646.09	645.98	646.84	646.39	648.91	650.60	651.06	651.79	658.21	658.69	657.48
19	647.03	646.11	645.89	646.79	646.44	648.97	650.59	650.99	651.98	658.27	658.75	657.51
20	646.97	646.18	645.78	646.74	646.54	648.94	650.52	651.10	652.25	658.52	658.81	657.57
21	646.88	646.11	645.67	646.73	646.65	648.98	650.46	651.13	652.61	658.65	658.62	657.76
22	646.89	646.04	645.57	646.85	646.71	649.23	650.54	651.19	653.00	658.79	658.58	657.74
23	646.91	646.06	645.47	646.78	646.71	649.72	650.62	651.28	653.23	658.93	658.57	657.79
24	646.79	646.05	645.57	646.69	646.81	649.95	650.57	651.19	653.50	658.99	658.41	657.78
25	646.75	645.94	645.64	646.61	646.90	650.10	650.50	651.13	653.65	659.01	658.29	657.85
26	646.65	645.98	645.55	646.47	646.97	650.21	650.44	651.06	654.05	659.17	658.48	657.98
27	646.61	646.25	645.44	646.43	647.09	650.19	650.38	651.10	654.07	659.27	658.53	657.93
28	646.50	646.28	645.41	646.48	647.59	650.17	650.33	651.13	654.12	659.33	658.40	657.84
29	646.54	646.23	645.38	646.54	---	650.14	650.45	651.06	654.15	659.40	658.28	657.77
30	646.54	646.21	645.36	646.48	---	650.13	650.54	651.01	654.18	659.47	658.13	658.18
31	646.63	---	645.55	646.38	---	650.10	---	651.01	---	659.58	657.95	---
MAX	647.60	646.69	646.25	646.85	647.59	650.21	650.72	651.28	654.18	659.58	659.98	658.18
MIN	646.50	645.94	645.36	645.73	646.20	647.73	650.16	650.57	650.79	654.29	657.95	657.37
[+]	32.84	32.05	30.83	32.37	34.67	39.62	40.52	41.48	48.21	60.65	56.75	57.30
[*]	-355	-305	-455	575	951	1848	347	358	2596	4645	-1456	212

CAL YR 1988 * -290 MAX 653.26 MIN 645.36
WTR YR 1989 * 745 MAX 659.98 MIN 645.36

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

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'26'', long 82°49'21'', Hart County (GA)-Anderson County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in right spillway elevator tower of dam on Savannah River, 1.9 mi upstream from Big Generostee Creek, 6.4 mi east of Hartwell, and at mile 305.0.

DRAINAGE AREA.--2,088 mi^2, approximately.

PERIOD OF RECORD.--October 1987 to current year. Data prior to October 1987 are in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 483.81 ft, Jan. 22, 1988; minimum, 475.01 ft, Apr. 1. 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 483.66 ft, Feb. 10; minimum, 475.13 ft, Dec. 13 - 16.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	475.16	475.15	475.16	478.61	475.19	476.47	480.76	475.19	476.32	475.20	475.19	475.19
2	475.18	475.16	475.16	478.34	475.19	476.43	482.46	475.19	476.02	478.67	475.19	476.26
3	479.55	475.16	475.74	478.62	475.19	476.51	475.20	475.19	475.19	478.51	475.19	476.43
4	479.47	475.16	475.73	479.46	475.19	476.05	475.20	475.18	475.19	478.67	475.19	476.45
5	479.44	475.15	475.72	475.28	475.18	475.20	480.72	475.19	476.60	478.93	475.19	476.02
6	479.15	475.15	475.68	475.20	475.18	475.19	479.49	475.19	476.26	478.80	475.19	476.10
7	479.40	475.15	476.27	480.09	475.19	476.25	479.33	475.19	476.26	475.20	475.19	475.19
8	475.25	475.24	475.24	480.21	475.19	476.38	479.37	475.19	476.26	475.19	475.19	475.19
9	475.25	475.24	475.24	480.19	475.19	476.15	479.48	475.20	476.25	480.68	475.19	476.27
10	481.83	475.24	476.23	480.21	475.19	476.17	475.21	475.19	475.20	480.71	475.19	476.31
11	481.83	475.23	476.23	480.30	475.19	476.14	475.20	475.19	475.19	480.56	475.15	476.27
12	481.84	475.23	476.14	475.19	475.18	475.19	481.18	475.14	476.60	480.45	475.14	476.27
13	478.37	475.23	476.48	475.19	475.18	475.19	481.17	475.13	476.50	480.73	475.21	476.29
14	478.27	475.30	476.47	480.29	475.19	476.22	479.53	475.13	475.88	475.23	475.21	475.21
15	475.31	475.30	475.30	482.00	475.19	476.49	479.05	475.13	475.84	475.22	475.21	475.21
16	475.30	475.30	475.30	480.44	475.19	476.09	478.97	475.13	475.89	479.78	475.21	476.20
17	479.51	475.30	476.36	480.42	475.19	476.08	475.20	475.18	475.19	481.59	475.22	476.11
18	479.77	475.22	476.46	482.40	475.19	476.50	475.19	475.18	475.19	481.58	475.22	476.13
19	479.52	475.20	476.29	475.19	475.18	475.19	479.63	475.18	476.38	481.59	475.22	476.10
20	479.30	475.20	476.24	475.19	475.18	475.19	479.52	475.19	476.33	481.54	475.21	476.14
21	479.36	475.20	476.32	480.46	475.18	476.33	479.56	475.19	476.37	481.86	475.21	475.65
22	475.21	475.19	475.20	480.29	475.19	476.36	479.44	475.19	476.35	475.22	475.21	475.21
23	475.20	475.19	475.19	480.38	475.19	476.37	479.58	475.19	476.36	482.45	475.22	476.23
24	480.90	475.19	476.26	480.40	475.19	476.21	475.20	475.19	475.19	481.72	475.22	476.32
25	480.92	475.19	476.25	480.26	475.19	476.39	476.26	475.19	475.31	481.64	475.22	476.36
26	480.99	475.19	476.30	475.19	475.18	475.19	478.77	475.24	476.39	481.59	475.22	476.33
27	480.84	475.19	476.27	475.23	475.19	475.20	478.79	475.20	476.40	481.58	475.22	476.42
28	480.95	475.19	476.24	479.15	475.19	475.99	478.63	475.19	476.08	475.23	475.21	475.22
29	475.20	475.19	475.19	483.45	475.19	476.58	478.77	475.24	476.04	475.22	475.21	475.21
30	475.20	475.19	475.19	480.64	475.19	476.29	478.90	475.21	476.44	482.42	475.22	476.32
31	478.35	475.19	476.44	---	---	---	475.21	475.19	475.19	482.22	475.15	476.34
MONTH	481.84	475.15	475.88	483.45	475.18	476.00	482.46	475.13	475.96	482.45	475.14	475.97

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA--Continued

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	482.23	475.14	476.32	480.54	475.25	476.26	475.31	475.30	475.30	481.90	475.33	476.28
2	482.17	475.14	476.30	480.52	475.25	476.24	475.31	475.29	475.30	481.79	475.33	476.25
3	482.21	475.15	476.34	480.53	475.25	476.25	481.79	475.30	476.36	481.82	475.32	476.22
4	475.31	475.30	475.30	475.27	475.25	475.25	481.84	475.31	476.33	481.82	475.32	476.27
5	475.32	475.30	475.31	475.26	475.25	475.25	481.74	475.31	476.32	481.83	475.32	476.23
6	482.00	475.31	476.33	480.53	475.25	476.34	481.78	475.30	476.31	475.33	475.31	475.32
7	481.94	475.31	476.31	480.53	475.26	476.25	481.80	475.31	476.29	475.33	475.32	475.32
8	481.95	475.30	476.31	480.55	475.26	476.22	475.32	475.31	475.31	481.90	475.32	476.44
9	483.58	475.30	476.39	480.52	475.25	476.26	475.31	475.31	475.31	483.23	475.33	476.23
10	483.66	475.30	477.01	480.37	475.30	476.22	481.02	475.31	476.35	483.22	475.32	476.25
11	475.31	475.30	475.30	475.31	475.30	475.30	481.12	475.31	476.36	483.20	475.32	476.29
12	475.31	475.29	475.30	475.31	475.30	475.30	481.08	475.31	476.37	483.23	475.33	476.27
13	482.28	475.25	476.07	482.63	475.30	476.31	480.90	475.31	476.36	475.33	475.33	475.33
14	482.34	475.25	476.05	480.41	475.30	476.35	481.04	475.31	476.36	475.37	475.33	475.33
15	481.16	475.25	476.11	480.74	475.30	476.35	475.33	475.31	475.31	481.18	475.33	476.37
16	481.01	475.25	476.12	480.61	475.30	476.35	475.32	475.31	475.31	481.03	475.33	476.39
17	480.90	475.25	476.11	480.63	475.31	476.37	483.41	475.31	476.31	478.42	475.32	475.80
18	475.26	475.25	475.26	475.32	475.30	475.31	483.40	475.30	476.31	481.18	475.33	476.70
19	475.26	475.25	475.26	475.32	475.31	475.31	483.40	475.31	476.28	481.16	475.32	476.36
20	480.77	475.26	476.41	481.24	475.31	476.43	483.30	475.31	476.29	475.44	475.28	475.32
21	480.83	475.26	476.43	481.15	475.31	476.38	483.40	475.31	476.32	475.34	475.34	475.34
22	480.93	475.26	476.46	480.83	475.31	476.07	475.32	475.31	475.31	483.53	475.34	476.22
23	480.81	475.26	476.39	481.09	475.31	476.74	475.32	475.31	475.31	483.56	475.32	476.20
24	480.70	475.26	476.43	481.06	475.31	476.11	481.23	475.31	476.25	483.27	475.31	476.25
25	475.31	475.30	475.30	475.31	475.31	475.31	481.23	475.31	476.25	483.64	475.32	476.25
26	475.31	475.30	475.30	475.31	475.30	475.31	481.11	475.31	476.22	483.49	475.32	476.21
27	481.40	475.25	476.21	481.78	475.31	476.31	481.14	475.32	476.24	475.34	475.33	475.33
28	480.56	475.25	476.27	481.85	475.30	476.31	481.24	475.32	476.26	475.34	475.33	475.34
29	---	---	---	481.81	475.31	476.26	475.34	475.32	475.32	481.09	475.34	476.25
30	---	---	---	481.76	475.31	476.36	475.34	475.32	475.33	481.70	475.34	476.33
31	---	---	---	481.76	475.31	476.23	---	---	---	481.27	475.34	476.30
MONTH	483.66	475.14	476.02	482.63	475.25	476.04	483.41	475.29	475.97	483.64	475.28	476.03
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	481.61	475.34	476.56	475.34	475.34	475.34	475.38	475.37	475.37	483.53	475.32	476.84
2	481.39	475.34	476.51	475.35	475.20	475.34	478.65	475.36	475.93	475.33	475.32	475.32
3	475.35	475.34	475.34	481.66	475.20	475.94	480.96	475.35	476.06	475.33	475.32	475.33
4	475.36	475.34	475.34	481.61	475.24	475.92	481.19	475.35	476.29	481.43	475.32	475.89
5	483.54	475.34	476.25	483.35	475.24	476.34	475.36	475.35	475.35	481.41	475.32	475.89
6	477.87	475.34	475.44	483.51	475.20	476.30	475.39	475.35	475.36	481.45	475.33	475.91
7	483.57	475.33	476.24	483.47	475.34	476.09	483.31	475.35	477.05	483.49	475.33	476.61
8	483.55	475.33	476.22	475.34	475.34	475.34	481.17	475.34	476.76	483.48	475.33	476.60
9	481.93	475.34	475.93	475.35	475.34	475.34	483.29	475.34	477.05	475.33	475.33	475.33
10	475.34	475.33	475.34	482.97	475.35	476.26	481.26	475.34	476.39	475.34	475.33	475.33
11	475.34	475.34	475.34	482.82	475.35	476.32	481.16	475.34	476.35	481.55	475.33	476.66
12	480.30	475.34	476.21	482.32	475.35	476.25	475.35	475.34	475.34	481.59	475.33	476.65
13	480.05	475.34	476.18	482.31	475.20	476.28	475.35	475.35	475.35	481.60	475.33	476.64
14	480.54	475.34	476.20	482.32	475.34	476.29	482.47	475.35	477.58	483.57	475.33	477.66
15	480.47	475.34	476.27	475.37	475.36	475.36	482.49	475.35	477.58	481.56	475.33	476.55
16	480.36	475.20	476.20	477.36	475.36	475.38	482.48	475.34	477.59	475.34	475.33	475.33
17	475.35	475.34	475.34	481.01	475.24	476.28	482.48	475.33	477.36	475.34	475.33	475.33
18	475.35	475.35	475.35	481.13	475.20	476.27	482.48	475.33	477.36	481.40	475.33	476.64
19	479.74	475.24	476.23	481.18	475.24	476.31	475.34	475.34	475.34	481.60	475.32	476.49
20	480.30	475.24	476.19	478.82	475.34	475.86	475.34	475.34	475.34	481.39	475.33	477.05
21	480.55	475.20	476.26	481.16	475.35	476.31	483.14	475.34	477.33	481.62	475.33	478.12
22	480.53	475.20	476.20	475.35	475.35	475.35	483.40	475.33	477.05	481.41	475.33	476.63
23	480.54	475.20	476.26	477.35	475.34	475.37	483.47	475.33	477.05	475.34	475.33	475.33
24	475.34	475.30	475.33	481.21	475.35	476.32	483.31	475.33	477.03	475.35	475.33	475.33
25	475.34	475.20	475.33	481.14	475.34	476.29	483.33	475.33	477.08	483.54	475.34	477.16
26	482.22	475.20	476.13	478.78	475.34	475.92	475.34	475.32	475.33	483.11	475.33	477.65
27	482.09	475.20	476.18	475.36	475.35	475.35	475.34	475.34	475.34	483.09	475.32	477.90
28	482.27	475.24	476.16	479.11	475.35	475.96	483.51	475.33	476.94	483.13	475.33	477.44
29	482.42	475.20	476.14	475.36	475.35	475.35	483.55	475.33	476.97	481.72	475.33	477.41
30	482.35	475.34	476.15	475.37	475.36	475.36	483.54	475.32	476.96	475.35	475.18	475.28
31	---	---	---	475.38	475.37	475.37	483.53	475.32	476.95	---	---	---
MONTH	483.57	475.20	475.96	483.51	475.20	475.86	483.55	475.32	476.48	483.57	475.18	476.41
YEAR	483.66	475.13	476.05									

02187252 SAVANNAH RIVER BELOW HARTWELL LAKE NEAR HARTWELL, GA

LOCATION.--Lat 34°21'15'', long 82°48'55'', Anderson County (SC), Hydrologic Unit 03060103, on left bank at Highway 29, 6.8 mi east of Hartwell, and at mile 304.6.

DRAINAGE AREA.--2,090 mi^2, approximately.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 480 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except those below 1,000 ft^3/s, which are poor. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River.

AVERAGE DISCHARGE--5 years, 2993 ft^3/s, 19.45 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 38,300 ft^3/s, Jan. 21, 1985, gage height, 12.63 ft; minimum daily, 63 ft^3/s, Nov. 18, 1984, Mar. 16, 23, Dec. 14, 1986, Jan. 4, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 35,800 ft^3/s, Feb. 10, gage height, 12.31 ft; minimum daily, 69 ft^3/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	3120	3040	91	3160	2770	163	2960	3930	222	235	5350
2	70	3140	2610	2710	3170	2740	163	2950	3780	223	1790	194
3	1510	3170	90	3110	3260	2760	3110	2920	212	1970	2060	190
4	1500	2170	80	3100	180	128	3150	2990	201	1910	3080	1840
5	1520	91	3870	2200	169	128	3100	2930	3210	3590	222	1830
6	1520	79	2820	2260	3090	2950	3110	182	476	3570	226	1820
7	2970	2790	2840	91	3100	2730	3120	181	3200	2850	6030	4240
8	128	3050	2810	86	3060	2740	190	3150	3160	200	4340	4330
9	128	2450	2830	3030	3560	2770	190	3120	2060	199	6040	200
10	3110	2450	95	3060	6530	2590	3110	3130	196	3060	3290	200
11	3120	2440	84	3080	161	190	3090	3170	196	3220	3280	4140
12	2900	81	3880	3060	164	190	3120	3170	2650	3030	227	4180
13	3190	79	3890	3040	2500	3050	3140	190	2660	3000	223	4210
14	3210	2740	1850	89	2450	3080	3120	193	2680	3000	7630	8820
15	176	3830	1810	89	2490	3080	188	3080	2720	235	7610	3700
16	168	2380	1850	2700	2520	3090	180	3090	2680	227	7610	200
17	3110	2390	81	2650	2490	3100	3220	1510	211	2980	6700	193
18	3170	3770	79	2660	133	187	3210	3760	211	2990	6700	4240
19	2980	85	3070	2660	128	180	3190	3120	2570	3000	212	3400
20	2990	79	3090	2670	3190	3280	3180	198	2730	1580	211	5450
21	3090	3020	3130	1380	3190	3240	3220	200	2720	2970	6610	7920
22	85	3130	3120	105	3220	2280	200	3260	2720	209	6040	4270
23	85	3180	3130	3110	3160	4310	200	3250	2710	204	6010	196
24	2950	2690	85	3100	3170	2270	2900	3170	200	3140	5950	194
25	2940	3170	223	3130	180	190	2880	3180	200	3130	6020	6850
26	3020	86	3120	3110	170	190	2830	3140	2740	1730	209	7240
27	2980	86	3100	3140	2800	3130	2870	202	2800	232	200	8100
28	2990	2060	2190	104	2760	3130	2860	200	2770	1700	6090	6400
29	90	4320	2170	104	---	2990	194	2980	2750	235	6100	6360
30	84	3030	3120	3150	---	3120	185	3110	2730	231	6110	154
31	3180	---	91	3210	---	2890	---	3020	---	229	6100	---
TOTAL	59033	65156	64248	66079	64155	69473	63383	71706	62073	55066	123155	106411
MEAN	1904	2172	2073	2132	2291	2241	2113	2313	2069	1776	3973	3547
MAX	3210	4320	3890	3210	6530	4310	3220	3760	3930	3590	7630	8820
MIN	69	79	79	86	128	128	163	181	196	199	200	154

CAL YR 1988 TOTAL 831275 MEAN 2271 MAX 7690 MIN 66
WTR YR 1989 TOTAL 869938 MEAN 2383 MAX 8820 MIN 69

02189004 RICHARD B. RUSSELL LAKE NEAR CALHOUN FALLS, SC

LOCATION.--Lat 34°01'30'', long 82°35'42'', Elbert County (GA)-Abbeville County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State line, in left spillway elevator tower of dam on Savannah River, 1.2 mi downstream from Beer Manor Creek, 4.6 mi south of Calhoun Falls, and at River mile 275.1.

DRAINAGE AREA.--2,900 mi^2 (Corps of Engineers).

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Lake formed by concrete dam completed Dec. 1983. Usable capacity 5,523,408,000 ft^3 between elevations 470.0 ft (normal limit of drawdown) and 475.0 ft (top of spillway gates). Dead storage below 470.0 ft, 39,158,992,800 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 436.0 ft. Lake is used for flood control, generation of power and recreation.

COOPERATION.--Capacity table furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 477.90 ft, Dec 21, 1985; minimum 465.65 ft, May 7, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 474.28 ft, July 24; minimum, 469.88 ft, Aug. 22.

Capacity table (elevation in feet) and usable contents (in billions of cubic feet)
(Computed from table prepared by Corps of Engineers)

469.0 ft	38.1 ft^3	473.0 ft	42.4 ft^3
470.0 ft	39.2 ft^3	474.0 ft	43.5 ft^3
471.0 ft	40.2 ft^3	475.0 ft	44.7 ft^3
472.0 ft	41.3 ft^3	476.0 ft	45.9 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	470.99	470.88	471.41	471.26	471.75	472.74	473.55	472.97	471.50	472.66	471.56	470.68
2	471.06	470.88	471.41	471.27	471.83	472.67	473.56	472.92	471.45	472.67	471.13	470.68
3	471.19	470.89	471.42	471.42	471.85	472.70	473.54	472.81	471.48	472.84	470.60	470.69
4	471.13	470.79	471.44	471.29	471.86	472.85	473.54	472.76	471.52	472.91	470.12	470.62
5	470.98	470.91	471.50	471.23	471.93	472.99	473.66	472.74	471.50	473.08	470.13	470.53
6	470.81	470.93	471.48	471.25	471.89	473.11	473.56	472.83	471.48	473.24	470.02	470.54
7	470.77	470.89	471.47	471.27	471.83	473.11	473.49	472.83	471.40	473.25	470.20	470.55
8	470.77	470.90	471.46	471.29	471.91	473.03	473.58	472.75	471.43	473.17	470.37	470.50
9	470.71	470.83	471.46	471.31	471.93	473.03	473.66	472.95	471.45	473.19	470.49	470.41
10	470.72	470.78	471.48	471.34	472.34	472.98	473.59	473.12	471.48	473.17	470.36	470.42
11	470.74	470.70	471.49	471.35	472.36	472.99	473.53	472.89	471.48	473.02	470.39	470.44
12	470.72	470.70	471.48	471.38	472.37	473.04	473.55	472.83	471.49	472.96	470.08	470.49
13	470.70	470.70	471.35	471.45	472.33	473.00	473.47	472.85	471.55	472.93	470.09	470.64
14	470.72	470.66	471.22	471.33	472.39	472.90	473.36	472.95	471.57	472.89	470.29	471.30
15	470.73	470.73	471.28	471.37	472.37	473.00	473.56	472.91	471.69	473.00	470.34	471.46
16	470.73	470.60	471.15	471.48	472.24	472.97	473.61	472.84	471.84	473.51	470.38	471.50
17	470.74	470.52	471.15	471.47	472.18	472.82	473.56	472.62	471.89	473.82	470.28	471.52
18	470.77	470.58	471.14	471.45	472.18	472.86	473.51	472.53	471.91	474.00	470.17	471.54
19	470.77	470.57	471.13	471.41	472.20	472.87	473.47	472.46	471.98	474.11	470.18	471.82
20	470.81	470.59	471.06	471.43	472.32	472.85	473.41	472.49	472.23	474.12	470.18	471.88
21	470.85	470.73	471.11	471.56	472.51	472.88	473.34	472.51	472.35	474.16	470.05	472.21
22	470.85	470.75	471.16	471.58	472.69	472.84	473.35	472.47	472.58	474.21	470.05	472.47
23	470.83	470.82	471.23	471.60	472.67	473.13	473.37	472.47	472.56	474.27	470.22	472.58
24	470.85	470.88	471.25	471.62	472.53	473.34	473.19	472.50	472.57	473.95	470.40	472.57
25	470.83	471.07	471.27	471.63	472.54	473.46	473.14	472.30	472.58	473.66	470.55	472.90
26	470.85	471.07	471.25	471.66	472.56	473.56	473.04	472.13	472.28	473.26	470.63	473.26
27	470.85	471.27	471.26	471.68	472.59	473.61	472.90	471.96	472.34	472.73	470.64	473.70
28	470.85	471.31	471.19	471.69	472.86	473.59	472.79	471.95	472.41	472.30	470.68	473.98
29	470.84	471.35	471.12	471.70	---	473.57	472.84	471.87	472.58	472.31	470.67	474.15
30	470.84	471.39	471.05	471.72	---	473.61	472.89	471.78	472.64	472.36	470.74	474.26
31	470.88	---	471.20	471.74	---	473.56	---	471.42	---	471.83	470.72	---
MAX	471.19	471.39	471.50	471.74	472.86	473.61	473.66	473.12	472.64	474.27	471.56	474.26
MIN	470.70	470.52	471.05	471.23	471.75	472.67	472.79	471.42	471.40	471.83	470.02	470.41
[+]	40.08	40.63	40.42	41.01	42.25	43.02	42.28	40.66	42.00	41.11	39.92	43.82
[*]	-41	212	-78	220	512	287	-285	-605	517	-332	-444	1505

CAL YR 1988 * 18 MAX 473.65 MIN 470.21
WTR YR 1989 * 115 MAX 474.27 MIN 470.02

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

02192500 LITTLE RIVER NEAR MOUNT CARMEL, SC

LOCATION.--Lat 34°04'17'', long 82°30'03'', Abbeville County, Hydrologic Unit 03060103, on downstream side of bridge, on State Road 40 (Island Ford Road), 2.9 mi upstream from Calhoun Creek, and 4.6 mi north of Mount Carmel.

DRAINAGE AREA.--217 mi^2.

PERIOD OF DAILY RECORD.--December 1939 to September 1970, October 1986 to current year.

REVISED RECORD.--WSP 1433:1948.

GAGE.--Data collection platform. Datum of gage is 353.97 ft above National Geodetic Vertical Datum of 1929. December 1939 to October 16, 1987 at site 850 ft downstream at same datum.

REMARKS.--Records good, except for estimated daily discharges: Oct. 5 - 14, July 19 - 21, July 24, 25, and Aug. 1 - 8, which are poor.

AVERAGE DISCHARGE.--33 years (water years 1940-70, 1987-89), 205 ft^3/s, 12.83 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,800 ft^3/s, Aug. 14, 1940 gage height, 29.60 ft, (from high-water mark), from rating curve extended above 13,000 ft^3/s; minimum, 0.7 ft^3/s, Oct. 9, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
July 17	2000	*5880	*18.39				

Minimum discharge, 9.9 ft^3/s, Oct. 1, gage height, 2.60 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	22	72	65	49	619	154	164	73	62	85	47
2	15	36	60	89	47	301	133	613	70	56	125	44
3	37	40	53	84	49	220	123	346	65	58	102	43
4	67	29	51	95	48	223	131	217	65	110	84	41
5	52	33	49	75	49	891	190	261	69	129	74	40
6	35	37	46	63	59	621	253	442	72	102	62	40
7	30	40	45	61	65	616	194	281	77	87	64	42
8	24	36	44	64	61	323	190	203	81	69	67	41
9	20	30	44	59	56	220	353	287	73	58	57	40
10	18	29	43	57	53	177	292	947	70	51	53	38
11	16	28	43	55	50	148	240	513	65	47	52	36
12	15	29	44	53	49	132	205	293	57	44	50	34
13	14	28	44	59	48	119	182	227	53	41	49	35
14	13	28	42	96	48	109	166	195	51	39	49	45
15	13	29	39	86	49	103	747	211	51	119	53	40
16	14	29	36	78	48	99	501	214	104	466	54	41
17	14	35	35	71	48	92	285	175	199	4190	56	45
18	14	45	34	64	48	89	222	152	125	3230	54	43
19	15	41	34	60	52	88	196	144	82	500	51	38
20	16	38	34	58	60	85	241	133	79	220	50	35
21	19	35	34	55	152	89	186	134	152	198	48	36
22	20	35	35	53	308	142	164	126	271	150	47	91
23	23	36	36	51	200	935	149	129	161	119	46	138
24	23	38	36	50	142	1740	139	117	102	110	49	84
25	20	47	37	49	124	1090	131	103	84	117	52	58
26	19	45	38	49	104	334	123	95	77	101	46	104
27	18	47	37	50	94	243	115	90	68	98	46	126
28	17	167	36	50	224	198	108	85	60	113	66	82
29	17	190	36	49	---	176	105	80	71	94	55	63
30	18	97	36	48	---	177	112	77	69	79	50	64
31	19	---	40	49	---	183	---	76	---	84	49	---
TOTAL	667	1399	1293	1945	2384	10582	6330	7130	2696	10941	1845	1654
MEAN	21.5	46.6	41.7	62.7	85.1	341	211	230	89.9	353	59.5	55.1
MAX	67	190	72	96	308	1740	747	947	271	4190	125	138
MIN	12	22	34	48	47	85	105	76	51	39	46	34

CAL YR 1988 TOTAL 19291.0 MEAN 52.7 MAX 324 MIN 1.0
WTR YR 1989 TOTAL 48866 MEAN 134 MAX 4190 MIN 12

02194500 THURMOND LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi^2, approximately.

PERIOD OF RECORD.--October 1951 to September 1952 (elevations and contents at end of month), October 1952 to current year.

REVISED RECORDS.--WSP 1703: 1953.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Oct. 1, 1952, nonrecording gage at same site and datum. Prior to Dec. 1987, published as Clark Hill Lake near Clarks Hill, SC.

REMARKS.--Lake is formed by concrete dam with earth dam at each end; dam completed in 1952. Storage began in December 1951. Usable capacity, 75,360,000,000 ft^3 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 ft^3. Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft. Lake is used for flood control, generation of power, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft, Apr. 9, 1964; minimum, 296.48 ft, Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 330.00 ft, Aug. 21; minimum, 312.72 ft, Feb. 20, 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 ft^3
320.0 ft	30.06 ft^3
325.0 ft	43.12 ft^3
330.0 ft	58.37 ft^3
336.0 ft	78.84 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	315.55	314.88	314.21	313.17	313.20	314.04	318.46	322.55	324.49	325.16	328.75	329.29
2	315.56	314.84	314.16	313.17	313.16	314.22	318.43	322.78	324.53	325.11	328.89	329.22
3	316.18	314.85	314.08	313.40	313.19	314.35	318.49	322.93	324.41	325.18	329.06	329.19
4	316.33	314.79	314.00	313.39	313.08	314.39	318.63	323.02	324.37	325.38	329.23	328.97
5	316.31	314.75	314.00	313.37	313.08	314.50	318.71	323.18	324.42	325.51	329.17	328.74
6	316.32	314.70	313.96	313.40	313.14	314.76	318.78	323.23	324.38	325.55	329.20	328.50
7	316.28	314.73	313.95	313.35	313.22	315.00	318.91	323.20	324.39	325.59	329.23	328.33
8	316.18	314.71	313.94	313.34	313.22	315.19	319.03	323.24	324.40	325.62	329.15	328.18
9	316.14	314.70	313.96	313.37	313.21	315.30	319.22	323.46	324.40	325.63	329.17	328.15
10	316.11	314.70	313.85	313.40	313.09	315.33	319.63	323.72	324.30	325.63	329.17	328.11
11	316.08	314.68	313.78	313.43	312.99	315.31	319.88	323.95	324.25	325.69	329.14	327.89
12	316.02	314.52	313.80	313.44	312.92	315.31	320.02	324.05	324.20	325.71	329.19	327.71
13	316.00	314.44	313.82	313.47	312.90	315.37	320.12	324.01	324.17	325.67	329.16	327.54
14	315.93	314.47	313.77	313.52	312.83	315.45	320.27	324.02	324.12	325.67	329.28	327.43
15	315.76	314.41	313.69	313.52	312.82	315.44	321.03	324.10	324.07	325.69	329.40	327.47
16	315.66	314.39	313.71	313.47	312.88	315.53	321.39	324.16	324.19	325.76	329.57	327.40
17	315.61	314.51	313.64	313.48	312.89	315.66	321.63	324.21	324.21	326.27	329.70	327.38
18	315.60	314.47	313.53	313.49	312.81	315.61	321.79	324.27	324.22	326.65	329.89	327.29
19	315.55	314.36	313.49	313.53	312.74	315.58	321.92	324.31	324.34	326.94	329.87	327.10
20	315.50	314.32	313.52	313.52	312.76	315.64	322.01	324.28	324.49	327.20	329.85	326.99
21	315.53	314.18	313.49	313.43	313.07	315.73	322.11	324.24	324.73	327.53	329.97	327.02
22	315.35	314.16	313.45	313.39	313.33	315.88	322.09	324.26	324.91	327.64	329.94	327.36
23	315.21	314.21	313.41	313.37	313.54	316.96	322.08	324.28	325.13	327.78	329.84	327.47
24	315.22	314.14	313.36	313.35	313.68	317.60	322.20	324.26	325.13	327.98	329.79	327.44
25	315.17	314.03	313.31	313.34	313.64	317.92	322.21	324.35	325.15	328.11	329.79	327.49
26	315.15	313.95	313.29	313.33	313.63	318.03	322.28	324.41	325.26	328.25	329.71	327.59
27	315.11	314.00	313.23	313.36	313.65	318.15	322.34	324.42	325.24	328.43	329.73	327.67
28	315.07	314.06	313.26	313.29	313.74	318.24	322.38	324.36	325.22	328.54	329.60	327.73
29	314.94	314.15	313.23	313.19	---	318.30	322.35	324.36	325.23	328.49	329.48	327.81
30	314.84	314.19	313.24	313.23	---	318.42	322.31	324.36	325.22	328.56	329.37	327.87
31	314.92	---	313.22	313.20	---	318.50	---	324.48	---	328.65	329.34	---
MAX	316.33	314.88	314.21	313.53	313.74	318.50	322.38	324.48	325.26	328.65	329.97	329.29
MIN	314.84	313.95	313.22	313.17	312.74	314.04	318.43	322.55	324.07	325.11	328.75	326.99
[+]	18.60	17.10	15.20	15.20	16.30	26.70	36.10	41.80	43.80	54.20	56.40	51.90
[*]	-597	-579	-709	0	455	3883	3626	2128	772	3883	882	-1736

CAL YR 1988 * -352 MAX 321.95 MIN 313.22
WTR YR 1989 * 1005 MAX 329.97 MIN 312.74

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

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°11'48'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in powerhouse visitors lobby in the observers room at the J. Strom Thurmond Dam on the Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 mi^2, approximately.

PERIOD OF RECORD.--October 1987 to current year. Data prior to October 1987 is available in the office of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 186.17 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 14.45 ft, Sept. 21, 1989; minimum, 2.48 ft, May 9, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 14.45 ft, Sept. 21; minimum, 2.50 ft, Sept. 18.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.42	5.80	6.69	9.63	3.34	5.14	9.51	5.77	6.88	6.74	4.69	5.57
2	7.75	5.03	6.01	9.77	4.59	5.88	9.40	5.90	6.99	10.36	4.09	5.52
3	9.52	4.30	5.93	9.55	5.37	6.51	7.26	5.45	6.42	9.63	4.98	6.16
4	11.62	7.18	8.15	9.59	5.07	6.57	7.88	4.76	5.74	10.03	5.88	7.04
5	11.51	5.23	7.13	6.93	6.02	6.50	8.44	3.54	5.06	10.05	5.84	7.17
6	10.41	4.86	6.41	7.36	5.19	6.00	9.66	4.00	5.58	10.83	5.75	6.85
7	10.69	4.43	6.17	9.82	3.66	5.49	9.63	4.78	6.08	8.51	5.72	6.68
8	7.54	4.77	5.69	10.03	5.12	6.28	9.84	4.66	6.27	6.75	5.42	6.09
9	6.37	3.06	4.33	11.77	4.95	6.59	10.90	5.82	6.96	11.48	4.87	6.35
10	8.92	3.40	4.90	10.51	5.64	6.94	8.35	5.74	6.40	11.42	5.83	7.24
11	9.90	3.82	5.22	10.14	5.67	7.03	6.64	4.59	5.27	10.38	5.73	7.14
12	11.27	4.49	5.93	8.38	5.84	6.87	8.32	3.97	5.58	11.59	5.09	6.85
13	9.76	5.21	6.70	6.93	4.89	5.97	8.13	4.15	5.95	10.78	5.76	7.14
14	9.68	5.27	6.37	11.63	4.15	5.87	9.91	4.13	5.89	9.15	5.89	7.16
15	8.19	5.16	6.13	9.53	5.55	6.65	10.32	3.97	5.95	7.19	4.44	5.46
16	7.15	5.38	6.07	8.87	5.94	7.02	9.01	5.10	6.30	10.74	4.20	5.77
17	9.73	5.13	6.22	11.26	4.77	6.56	7.04	4.27	5.61	10.72	5.77	7.01
18	11.63	5.07	6.57	9.65	6.03	7.01	5.83	4.20	5.00	12.13	6.25	7.35
19	10.63	4.96	6.50	7.78	5.41	6.51	8.22	3.91	5.24	9.68	5.79	6.74
20	9.80	5.14	6.84	6.46	4.30	5.48	8.96	3.90	5.37	9.56	6.00	6.91
21	10.09	5.31	6.71	10.40	2.82	5.20	8.59	4.44	5.77	7.63	5.87	6.57
22	8.00	5.72	6.47	9.68	4.40	5.96	8.90	5.38	6.46	7.54	5.29	6.00
23	7.94	5.12	5.89	10.19	5.07	6.45	9.39	5.83	6.81	7.99	4.81	5.90
24	10.61	3.30	5.25	9.86	5.91	6.86	7.24	5.62	6.44	8.23	5.63	6.65
25	9.72	4.71	6.08	9.65	6.40	7.43	6.41	4.94	5.66	11.19	6.05	7.25
26	9.61	4.83	6.05	7.59	5.41	6.60	7.96	4.48	5.63	10.66	5.37	6.52
27	9.47	4.18	5.81	6.73	4.87	5.79	9.77	5.02	6.21	7.49	4.81	6.01
28	10.06	4.02	5.61	8.79	3.99	5.52	10.12	5.64	6.77	6.59	4.57	5.50
29	6.73	4.82	5.75	10.00	5.45	6.71	8.99	6.17	7.12	6.39	4.28	4.99
30	5.41	3.73	4.78	9.54	5.37	6.67	9.28	5.54	6.69	7.24	3.84	5.10
31	7.87	3.28	4.65	---	---	---	7.33	5.51	6.39	9.57	4.63	6.06
MONTH	11.63	3.06	6.03	11.77	2.82	6.34	10.90	3.54	6.08	12.13	3.84	6.41

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.93	5.26	6.56	10.67	5.81	7.23	7.44	5.14	6.07	8.14	3.31	5.06
2	7.87	5.70	6.62	9.76	4.79	6.26	6.48	4.44	5.08	7.44	4.93	5.76
3	8.37	6.16	7.04	7.73	4.72	5.93	8.12	3.87	5.34	7.52	5.74	6.24
4	7.46	6.41	6.95	8.36	6.01	6.71	10.09	4.63	5.91	7.73	5.95	6.62
5	8.09	5.47	6.19	7.25	5.11	6.09	9.06	5.17	5.98	7.55	5.89	6.51
6	10.81	4.93	6.34	8.23	5.47	6.37	8.84	5.65	6.52	7.39	5.41	6.18
7	8.49	5.71	6.68	9.01	6.17	7.03	9.57	6.00	7.14	6.34	4.60	5.38
8	8.97	6.21	7.03	10.82	5.62	7.05	7.25	5.56	6.30	6.61	4.50	5.51
9	11.20	5.90	7.06	10.20	5.45	6.51	7.03	4.17	5.38	7.74	5.06	6.07
10	11.68	5.85	7.20	9.63	4.93	6.73	8.56	5.18	6.61	7.60	5.72	6.41
11	7.21	5.07	6.03	7.39	5.86	6.47	9.77	5.50	6.66	8.54	5.71	6.88
12	6.44	4.55	5.44	6.95	4.95	5.84	8.23	4.52	5.78	7.20	5.30	6.14
13	8.98	4.65	5.90	8.52	5.18	6.22	8.07	4.99	6.11	6.96	5.40	6.08
14	8.01	5.29	6.25	9.03	5.61	6.49	8.49	6.03	6.80	5.80	4.26	5.07
15	9.69	5.87	6.87	8.81	5.21	6.17	8.44	6.65	7.16	6.83	3.89	5.35
16	10.53	6.16	6.98	8.65	5.87	6.57	9.38	7.18	7.65	7.12	4.69	5.89
17	10.89	6.28	7.31	8.27	5.93	6.82	9.14	4.59	6.49	7.55	5.37	6.32
18	7.04	5.66	6.31	7.62	5.85	6.48	7.27	4.04	5.04	7.55	5.70	6.53
19	6.37	4.78	5.56	6.43	4.82	5.67	7.46	4.73	5.65	7.92	5.56	6.40
20	7.83	4.71	5.68	8.60	4.86	6.20	7.77	5.46	6.31	6.71	5.14	5.92
21	8.71	5.50	6.74	8.56	5.09	6.03	8.10	5.58	6.47	5.46	3.60	4.61
22	8.99	6.65	7.62	8.27	5.70	6.50	7.01	6.06	6.49	8.18	2.58	4.81
23	8.57	4.79	6.51	9.25	5.49	7.02	6.77	4.98	5.72	7.14	3.26	5.09
24	8.56	4.36	5.66	10.03	6.80	7.81	7.78	4.51	5.67	8.15	3.92	5.53
25	7.54	4.22	5.08	6.78	5.13	5.95	7.83	4.28	5.64	8.52	4.39	5.99
26	6.63	3.23	4.29	5.33	3.74	4.42	8.29	4.50	5.87	8.43	4.78	6.17
27	7.68	3.99	5.22	9.24	3.55	4.87	8.63	4.75	6.10	7.54	4.98	5.87
28	9.15	5.26	6.60	8.27	4.53	5.76	7.85	5.00	6.23	5.38	3.50	4.59
29	---	---	---	7.88	5.25	6.38	6.88	5.13	5.97	7.75	2.60	4.52
30	---	---	---	9.53	5.58	6.48	6.23	4.29	5.17	10.35	3.91	5.76
31	---	---	---	9.84	5.28	6.44	---	---	---	9.49	4.58	5.95
MONTH	11.68	3.23	6.35	10.82	3.55	6.34	10.09	3.87	6.11	10.35	2.58	5.78

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.78	4.82	6.06	7.54	5.62	6.48	10.83	4.32	6.38	13.00	4.74	7.53
2	8.66	5.16	6.36	6.27	4.67	5.39	10.41	4.00	5.85	6.72	3.74	5.04
3	7.14	5.24	6.21	9.02	3.43	5.49	11.34	4.29	6.22	4.93	2.68	3.69
4	6.00	4.26	5.11	10.29	4.55	6.43	11.68	4.53	6.38	13.49	2.90	7.16
5	8.49	2.84	4.81	11.04	6.37	7.73	6.87	5.09	5.96	13.03	4.84	8.32
6	9.11	3.62	5.42	10.62	4.11	6.64	5.96	4.06	4.87	13.02	4.74	8.31
7	10.41	4.42	6.21	10.45	5.07	6.84	11.12	2.95	5.20	13.56	5.17	8.59
8	8.38	5.18	6.57	7.63	5.77	6.57	8.92	4.00	5.57	13.45	5.13	8.64
9	8.25	5.19	6.68	6.69	4.97	5.72	8.94	3.91	5.61	7.66	4.67	5.90
10	7.01	5.11	6.07	10.86	4.09	6.02	8.71	3.91	5.54	4.84	3.26	4.07
11	5.90	3.82	4.90	11.45	4.39	6.47	9.13	4.38	5.98	13.25	2.98	7.24
12	8.03	2.66	4.82	10.60	4.49	6.50	7.04	4.78	5.82	12.95	5.19	8.63
13	7.57	3.90	5.43	10.55	5.19	6.77	5.55	3.88	4.65	12.55	5.43	8.40
14	9.11	4.51	6.28	9.90	5.73	7.08	8.66	2.78	4.79	8.40	4.49	6.19
15	8.26	5.24	6.49	7.10	5.51	6.35	9.38	3.94	5.71	11.59	3.49	6.37
16	8.04	5.18	6.41	6.15	4.71	5.41	8.53	5.17	6.29	6.48	3.31	4.96
17	7.25	5.49	6.27	11.29	4.67	6.28	10.06	4.98	6.52	4.47	2.53	3.58
18	6.50	4.72	5.49	10.65	4.34	6.45	9.15	5.07	6.22	11.27	2.50	5.66
19	8.39	3.60	5.55	10.29	4.79	6.51	6.15	4.47	5.26	11.14	3.80	6.49
20	9.20	5.04	6.57	8.08	4.56	5.78	7.05	3.49	4.28	13.18	3.29	7.03
21	8.81	5.84	7.10	8.47	5.41	6.67	9.18	3.39	5.18	14.45	6.25	10.27
22	9.18	5.99	7.23	7.75	6.15	6.78	10.83	3.64	6.87	13.37	6.06	9.18
23	8.39	5.15	6.60	7.15	5.58	6.28	12.27	5.25	8.10	8.11	4.66	5.97
24	7.22	5.14	6.03	12.44	4.99	6.92	11.83	4.46	7.09	7.59	3.17	4.13
25	5.68	4.24	4.99	10.91	5.08	6.72	11.43	4.17	6.68	9.92	2.87	5.61
26	11.00	3.85	5.82	10.42	4.23	5.93	5.90	3.85	4.88	9.94	4.33	6.33
27	7.56	4.12	5.65	10.01	3.91	5.63	4.88	2.64	3.66	8.98	4.42	6.33
28	9.42	4.68	6.28	11.02	4.83	6.35	13.14	2.59	7.05	8.59	4.56	6.28
29	8.17	5.01	6.40	7.07	5.51	6.35	13.76	5.04	8.64	9.42	5.55	6.86
30	9.27	5.55	6.89	6.18	4.68	5.48	13.68	5.02	8.24	6.67	3.93	5.01
31	---	---	---	11.92	4.32	6.07	13.04	4.81	7.94	---	---	---
MONTH	11.00	2.66	6.02	12.44	3.43	6.33	13.76	2.59	6.05	14.45	2.50	6.59
YEAR	14.45	2.50	6.20									

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 15 ft upstream of bridge on State Highway 23, 1.4 mi east of Modoc, and 3.2 mi downstream from Turkey Creek.

DRAINAGE AREA.--545 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 and data collection platform. Datum of gage is 197.34 ft above National Geodetic Vertical Datum of 1929 (levels by Southeastern Power Administration). October 15, 1929 to September 30, 1931, nonrecording gage at site 1,100 ft upstream at different datum.

REMARKS.--No estimated daily discharges. Records good above 3600 ft^3/s, fair from 240 ft^3/s to 3600 ft^3/s, and poor below 240 ft^3/s.

AVERAGE DISCHARGE.--44 years (1930-31, 1940-78, 1985-1989), 405 ft^3/s, 10.09 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 greater than base discharge 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. 22	0800	8450	22.06	Apr. 16	0500	10600	24.48
Mar. 24	0800	*11600	*25.54				

Minimum daily, 15 ft^3/s, Oct. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	79	181	80	92	1600	377	204	57	208	619	143
2	19	156	136	196	91	822	313	673	52	201	989	141
3	2900	109	111	346	87	756	279	670	47	195	597	108
4	6460	73	97	1070	85	1180	240	314	49	2030	310	87
5	889	92	88	445	91	774	242	216	47	3520	228	74
6	348	144	79	266	144	887	259	255	51	857	213	64
7	201	138	75	211	260	1840	257	309	79	539	190	58
8	140	98	71	195	242	860	298	209	104	414	170	57
9	107	73	68	404	193	545	1800	223	111	642	168	58
10	88	61	65	786	149	431	2140	1470	121	302	154	57
11	74	51	64	599	128	359	2000	1360	118	187	138	55
12	64	43	63	405	116	315	954	509	87	142	126	51
13	56	40	57	402	108	284	614	315	71	1450	114	71
14	46	43	55	747	100	256	481	237	81	641	109	77
15	40	37	54	464	97	233	4750	212	53	256	112	66
16	38	34	55	370	94	247	7700	202	75	1030	131	81
17	38	42	53	292	90	309	1920	180	284	2230	141	134
18	36	46	53	231	86	251	768	149	364	2620	130	134
19	31	95	51	194	87	219	588	131	256	929	175	108
20	32	72	48	171	104	205	567	124	209	1770	394	81
21	33	60	48	154	2330	204	495	117	2630	2460	283	66
22	26	51	47	136	6810	360	412	112	3010	3710	219	173
23	25	100	49	122	1880	4060	363	118	760	1450	177	481
24	25	777	48	114	943	9730	326	138	413	1030	152	312
25	29	355	49	108	1020	3430	301	113	260	526	175	159
26	24	198	49	103	825	1060	274	97	219	405	169	199
27	24	139	47	102	664	687	258	87	204	327	144	535
28	25	500	47	104	907	549	243	81	198	613	169	276
29	21	581	46	105	---	486	226	72	204	296	185	189
30	15	286	45	100	---	440	212	63	252	236	140	217
31	28	---	52	95	---	419	---	60	---	1670	115	---
TOTAL	11898	4573	2051	9117	17823	33798	29657	9020	10466	32886	7136	4312
MEAN	384	152	66.2	294	637	1090	989	291	349	1061	230	144
MAX	6460	777	181	1070	6810	9730	7700	1470	3010	3710	989	535
MIN	15	34	45	80	85	204	212	60	47	142	109	51

CAL YR 1988 TOTAL 60296.8 MEAN 165 MAX 6460 MIN 4.3
WTR YR 1989 TOTAL 172737 MEAN 473 MAX 9730 MIN 15

02196250 HORN CREEK NEAR COLLIERS, SC

LOCATION.--Lat 33°42'55'', long 81°56'23'', Edgefield County, Hydrologic Unit 03060107, on left bank, upstream side of bridge on County Road 76, 3.5 mi northeast of Ropers Crossroads and 5.1 mi south of Edgefield.

DRAINAGE AREA.--13.9 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.--Records good, except estimated daily discharges: June 12 to July 20, Sept. 9-15, which are poor.

AVERAGE DISCHARGE.--9 years, 12.6 ft^3/s, 12.3 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, gage height 15.29 ft, Oct. 2, 1985; minimum daily discharge, 0.77 ft^3/s, Oct. 1, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 234 ft^3/s, Mar. 20, gage height 5.60 ft; minimum daily discharge, 3.1 ft^3/s, Oct. 1, 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	26	7.0	11	9.0	25	10	18	4.3	8.6	10	4.6
2	3.1	10	6.8	8.4	8.8	23	11	16	4.1	8.0	11	4.6
3	59	8.1	6.6	15	8.8	45	14	13	4.1	20	9.9	4.5
4	33	7.3	6.5	13	8.8	31	15	12	5.1	56	9.0	4.5
5	14	9.2	6.4	9.6	10	27	16	12	7.5	60	8.6	4.5
6	9.6	8.6	6.8	8.9	12	50	30	15	15	30	8.0	4.4
7	6.9	7.8	6.6	8.6	12	38	65	12	11	17	7.5	4.4
8	6.2	7.1	6.6	8.2	10	27	47	11	7.2	12	7.3	4.3
9	5.9	6.8	6.8	12	9.7	23	29	15	19	16	7.1	4.1
10	5.7	6.3	6.8	14	9.6	19	23	15	12	10	6.7	4.3
11	11	6.0	6.8	12	9.3	15	36	12	9.7	7.0	6.5	5.7
12	5.2	5.8	6.8	10	9.1	14	20	10	9.0	6.5	6.4	7.7
13	4.6	5.8	6.7	12	9.1	13	19	9.6	7.6	16	6.4	9.5
14	4.3	5.8	6.6	12	9.1	13	17	8.8	7.2	12	6.8	5.6
15	4.3	5.6	6.6	21	9.1	12	16	10	9.0	8.5	16	4.7
16	4.3	5.6	7.4	13	9.1	12	15	8.5	12	16	13	5.4
17	4.3	12	7.1	11	9.1	11	14	7.3	16	25	8.6	4.6
18	4.1	7.5	7.0	11	9.1	13	14	6.3	9.5	30	8.7	4.2
19	4.0	6.8	6.8	10	9.1	14	12	6.1	7.9	10	7.8	4.1
20	4.0	6.3	6.8	9.9	11	122	11	6.0	18	8.0	7.4	4.4
21	5.5	6.0	6.8	10	92	92	11	5.8	25	20	6.4	5.4
22	6.6	6.2	6.6	10	110	37	11	5.7	30	50	5.7	25
23	5.6	6.6	6.9	9.7	40	27	10	5.7	20	15	5.4	9.7
24	4.9	7.4	7.0	9.3	32	23	12	5.3	12	13	5.2	6.3
25	4.5	6.6	7.0	9.3	29	22	17	5.0	10	12	5.1	6.0
26	4.6	6.3	7.0	9.3	27	20	11	4.8	8.5	11	5.0	6.9
27	5.6	6.2	6.8	9.1	23	18	9.5	4.6	8.0	14	5.0	6.5
28	5.7	9.1	7.0	9.1	29	17	9.0	4.5	7.8	17	4.9	4.9
29	5.5	7.6	7.4	9.1	---	15	9.4	4.5	7.6	12	4.8	5.0
30	5.4	7.5	7.3	9.0	---	14	11	4.4	8.4	12	4.8	9.0
31	11	---	8.6	9.1	---	11	---	4.3	---	14	4.7	---
TOTAL	261.5	233.9	213.9	333.6	573.8	843	544.9	278.2	332.5	566.6	229.7	184.8
MEAN	8.44	7.80	6.90	10.8	20.5	27.2	18.2	8.97	11.1	18.3	7.41	6.16
MAX	59	26	8.6	21	110	122	65	18	30	60	16	25
MIN	3.1	5.6	6.4	8.2	8.8	11	9.0	4.3	4.1	6.5	4.7	4.1

CAL YR 1988 TOTAL 2861.6 MEAN 7.82 MAX 66 MIN 1.4
WTR YR 1989 TOTAL 4596.4 MEAN 12.6 MAX 122 MIN 3.1

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.

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.--Data collection platform. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft NGVD (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street bridge at datum 104.56 ft NGVD (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi downstream from present site and at present datum.

REMARKS.--Records good, except for estimated daily discharges: Oct. 14, Feb. 2 - 8, 18 - 21, May 11 - 16, and July 1 - 2, which are poor. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

AVERAGE DISCHARGE.--82 years (water years 1884-91, 1897-1906, 1926-89), 9,969 ft^3/s, 18.03 in/yr.

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.--Flood of January 17, 1796 reached a stage of about 40 ft (at site and datum of Fifth Street gage), marked by local residents; discharge approximately 360,000 ft^3/s, by slope-conveyance study. Little information exists and the data are considered appproximate. Data furnished by Corps of Enginners.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 20,200 ft^3/s, Sept. 22, gage height, 15.33 ft; minimum daily, 3,800 ft^3/s, Aug. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4360	4610	4510	4630	4110	6420	5170	4180	4250	4460	7280	9450
2	4050	4660	4690	4510	4070	8080	4600	4340	4260	4140	6330	7850
3	4520	4410	4580	4380	4090	6400	4230	4980	4040	4050	5930	4530
4	9510	4550	4390	4790	4170	4930	4180	4990	4100	4660	5470	4160
5	14600	4560	4370	6140	4090	5800	4210	4810	4090	7740	4410	8730
6	6390	4420	4290	5610	4200	5760	4150	4540	4190	11400	4220	10400
7	5380	4330	4310	4150	4290	8120	4570	4350	4150	5090	4130	10000
8	5400	4240	4180	4130	4360	8200	4860	4310	4140	4920	4360	10900
9	4760	4380	4240	4150	5190	5860	5330	4420	4750	4310	4730	9650
10	4190	4290	4440	4530	5020	4880	8810	5180	4930	4550	5040	4730
11	4210	4410	4330	5810	4440	4310	10400	7350	4570	4790	4410	4280
12	4070	4450	4220	5760	4140	4150	9250	6720	4540	4990	4040	9220
13	4140	4320	4440	4950	4100	4300	5750	5100	4180	5700	4030	11500
14	4790	4220	4350	5420	4090	4480	4680	4400	4120	6470	4050	9680
15	4150	4230	4560	5390	4090	4650	5390	4380	4270	5600	4270	6540
16	4100	4420	4640	4220	4090	4340	10500	4750	4620	5180	4930	7140
17	4040	4890	4280	4310	4660	4630	16000	4620	4650	5450	5000	4590
18	4170	4610	4150	5110	4800	4600	7670	4640	4240	8650	5280	4070
19	4250	4600	4080	5320	4380	4180	4780	5090	4350	7360	4000	5620
20	4230	4530	4200	4690	4260	4380	4940	4460	4470	7220	3800	6690
21	4280	4360	4200	4330	4310	4450	5100	4380	6730	6710	3820	10200
22	4460	4170	4240	4050	12900	4620	4320	4310	10400	8620	4190	16600
23	4240	4360	4100	4210	15000	7930	4150	4420	7570	7900	6900	14500
24	4120	4340	4050	4140	8700	13200	4430	4450	6050	6080	9020	7110
25	4240	4590	4070	4550	5970	17200	4870	4450	4870	7950	6660	4270
26	4700	5010	4130	5530	5330	9240	4420	4340	4250	7390	5960	5600
27	4850	4310	4120	5060	4630	5440	4470	4380	4440	6110	4390	7480
28	4600	4100	4090	4520	4630	5210	4340	4080	4440	5150	4100	7120
29	4130	4410	4250	4130	---	4790	4120	4080	4220	4710	8730	5480
30	4140	4480	4560	4210	---	4820	4120	4110	4420	4280	11700	6330
31	4050	---	4410	4030	---	5250	---	4230	---	4410	10600	---
TOTAL	153120	133260	133470	146760	148110	190620	173810	144840	144300	186040	171780	234420
MEAN	4939	4442	4305	4734	5290	6149	5794	4672	4810	6001	5541	7814
MAX	14600	5010	4690	6140	15000	17200	16000	7350	10400	11400	11700	16600
MIN	4040	4100	4050	4030	4070	4150	4120	4080	4040	4050	3800	4070

CAL YR 1988 TOTAL 1789090 MEAN 4888 MAX 14600 MIN 3880
WTR YR 1989 TOTAL 1960530 MEAN 5371 MAX 17200 MIN 3800

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 mi^2.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Elevation of gage is 175 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--23 years, 105 ft^3/s, 16.39 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 472 ft^3/s, June 13, 1983, gage height, 8.13 ft; minimum, 49 ft^3/s, July 22, Aug. 19, 22, 23, 1983; minimum gage height, 4.80 ft, Oct. 6, 7, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
May 1	2300	276	6.93	July 5	0300	*304	7.23
Aug. 31	1500	298	*7.35				

Minimum discharge, 62 ft^3/s, June 1, 2, minimum gage height, 4.95 ft, June 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	125	86	128	79	92	82	134	67	82	95	122
2	84	96	86	96	79	99	81	193	65	77	99	94
3	114	89	85	103	78	149	81	107	66	77	89	90
4	181	89	85	107	78	138	80	96	68	103	84	84
5	104	117	85	93	79	152	82	90	84	252	81	79
6	91	111	84	89	109	116	81	89	100	129	78	82
7	86	94	84	87	91	107	85	86	81	103	77	80
8	83	89	85	86	83	98	91	85	75	94	78	77
9	82	86	87	89	80	94	156	102	163	97	80	74
10	81	84	86	98	78	90	206	125	111	96	80	72
11	80	83	86	92	78	88	187	100	82	85	80	71
12	79	83	85	89	77	87	127	89	75	82	78	69
13	77	82	85	89	78	85	109	87	72	87	78	68
14	78	83	85	87	78	84	101	83	71	82	79	73
15	79	89	85	86	77	83	128	83	69	103	85	91
16	80	87	95	86	76	98	119	81	80	151	82	76
17	79	102	91	83	75	91	103	78	94	108	89	74
18	79	91	87	82	77	86	97	77	82	96	94	68
19	79	87	85	82	78	83	94	76	98	111	86	68
20	78	86	92	82	89	82	97	77	199	144	90	69
21	94	85	92	81	127	86	94	74	194	155	84	80
22	92	84	86	80	143	91	91	74	131	129	79	159
23	84	101	88	80	104	130	88	73	111	129	77	113
24	82	102	86	79	102	202	88	71	105	148	74	83
25	81	91	83	79	98	122	84	71	94	107	102	80
26	81	89	81	79	93	104	83	71	87	97	108	82
27	85	89	81	79	89	96	82	70	83	94	102	83
28	88	96	82	79	95	91	80	68	80	162	89	75
29	86	89	81	79	---	88	87	67	80	106	95	73
30	83	88	81	80	---	87	83	67	84	101	87	74
31	94	---	89	81	---	86	---	67	---	94	173	---
TOTAL	2728	2767	2659	2710	2468	3185	3047	2711	2851	3481	2752	2483
MEAN	88.0	92.2	85.8	87.4	88.1	103	102	87.5	95.0	112	88.8	82.8
MAX	181	125	95	128	143	202	206	193	199	252	173	159
MIN	77	82	81	79	75	82	80	67	65	77	74	68

CAL YR 1988 TOTAL 33009 MEAN 90.2 MAX 216 MIN 64
WTR YR 1989 TOTAL 33842 MEAN 92.7 MAX 252 MIN 65

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (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)
DEC											
28...	1530	77	17	5.90	15.5	1.0	758	9.0	91	370	280
MAR											
27...	1600	88	18	5.60	18.0	1.1	762	9.3	98	730	K7
JUL											
06...	1600	113	18	5.40	22.0	1.0	761	8.0	92	K120	540
SEP											
30...	1500	66	20	5.90	20.0	0.60	760	8.4	93	K120	520

DATE	HARD-NESS TOTAL (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)	SODIUM PERCENT	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)
DEC											
28...	3	0.57	0.32	1.5	50	0.4	0.40	2.0	2.2	2.0	<0.10
MAR											
27...	3	0.54	0.40	1.4	46	0.4	0.40	2.0	3.1	2.1	<0.10
JUL											
06...	3	0.63	0.33	1.6	50	0.4	0.40	2.0	<1.0	2.0	0.10
SEP											
30...	3	0.63	0.32	1.5	50	0.4	0.30	2.0	<1.0	1.9	<0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, 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-PHOROUS TOTAL (MG/L AS P)	PHOS-PHORUS DIS-SOLVED (MG/L AS P)
DEC											
28...	7.3	13	16	0.02	2.70	0.130	0.020	0.03	<0.20	<0.010	<0.010
MAR											
27...	6.5	13	17	0.02	3.09	0.210	<0.010	--	<0.20	0.010	<0.010
JUL											
06...	7.1	10	--	--	--	0.170	0.020	0.03	<0.20	0.020	0.010
SEP											
30...	7.7	6	--	--	--	<0.100	0.020	0.03	<0.20	0.010	<0.010

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DATE	PHOS-PHOROUS ORTHO, DIS-SOLVED (MG/L AS P)	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)
DEC											
28...	<0.010	30	<1	24	<0.5	<1	<1	<3	3	88	<5
MAR											
27...	<0.010	50	<1	27	<0.5	<1	<1	<3	1	100	<5
JUL											
06...	<0.010	60	<1	36	<0.5	<1	1	<3	1	210	2
SEP											
30...	<0.010	40	<1	23	<0.5	<1	<1	<3	<1	60	1

DATE	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)	URANIUM NATURAL DIS-SOLVED (UG/L AS U)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
DEC											
28...	<4	7	<0.1	<10	6	<1	1.0	5	0.01	<6	24
MAR											
27...	<4	9	<0.1	<10	<1	<1	<1.0	4	--	<6	22
JUL											
06...	<4	14	<0.1	<10	3	<1	<1.0	3	0.20	<6	35
SEP											
30...	<4	8	0.1	<10	1	<1	<1.0	3	--	<6	16

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, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)
DEC										
28...	1	0.21	100	2.8	0.8	0.6	0.6	1.0	1.0	1.2
MAR										
27...	1	0.24	100	--	--	--	--	--	--	--
JUL										
06...	5	1.5	100	3.3	2.1	2.2	1.9	<0.4	<0.4	0.50
SEP										
30...	3	0.53	100	--	--	--	--	--	--	--

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 SITE, SC

LOCATION.--Lat 33°20'42'', long 81°44'02'', Aiken County, Hydrologic Unit 03060106, 40 ft southeast of Road 1-A, 100 ft southeast of the southeast corner of the Savannah River Site Laboratory (Area-A), at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

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

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 21, 1988, gage height, 1.68 ft; no flow for part of Oct. 9, 13, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 22, gage height, 1.67 ft; minimum daily, .03 ft^3/s, Feb. 1, 3, 7, 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.06	.06	.07	.12	.03	.13	.22	.47	.17	.12	.91	1.1
2	.08	.05	.07	.36	.04	.38	.23	.18	.17	.12	.68	.86
3	.37	.05	.07	.51	.03	.31	.27	.19	.17	.32	.55	.88
4	.08	.05	.10	.06	.04	.31	.23	.19	.28	.40	.66	.86
5	.07	.21	.12	.05	.12	.15	.15	.18	.28	.11	.65	.66
6	.07	.05	.09	.06	.12	.12	.15	.18	.16	.08	.70	.44
7	.07	.05	.06	.08	.03	.07	.23	.21	.13	.08	.71	.13
8	.07	.05	.05	.09	.03	.08	.59	.24	.19	.09	.62	.18
9	.07	.05	.10	.11	.08	.08	.43	.27	.37	.11	.19	.11
10	.10	.05	.07	.13	.09	.12	.93	.36	.11	.11	.19	.12
11	.07	.06	.06	.09	.11	.20	.35	.21	.13	.10	.38	.12
12	.07	.08	.07	.10	.07	.31	.18	.19	.11	.30	.23	.12
13	.07	.10	.07	.05	.11	.23	.14	.21	.09	.12	.19	.10
14	.07	.10	.07	.04	.09	.21	.14	.24	.10	.09	.23	.20
15	.07	.10	.05	.06	.07	.18	.33	.20	.14	.37	.19	.16
16	.07	.10	.11	.04	.05	.26	.14	.20	.19	.16	.21	.11
17	.07	.16	.05	.05	.05	.11	.13	.22	.10	.09	.29	.11
18	.07	.11	.05	.04	.05	.11	.12	.22	.07	.11	.17	.12
19	.06	.11	.05	.04	.05	.13	.16	.15	.60	.37	.16	.17
20	.07	.10	.05	.04	.10	.15	.18	.17	.50	.35	.29	.12
21	.18	.11	.04	.04	.25	.18	.15	.14	.15	.30	.52	1.8
22	.08	.16	.04	.05	.09	.18	.14	.15	.16	.35	.87	1.0
23	.08	.28	.05	.05	.12	1.0	.20	.16	.09	.11	.86	.14
24	.06	.12	.05	.05	.13	.13	.18	.15	.09	.07	.94	.11
25	.06	.08	.05	.06	.08	.12	.17	.19	.07	.09	.98	.24
26	.07	.05	.05	.06	.08	.12	.18	.16	.09	.12	.88	.16
27	.08	.06	.06	.09	.10	.12	.17	.17	.07	.30	.75	.15
28	.08	.10	.06	.06	.22	.13	.21	.17	.06	.12	.85	.20
29	.05	.08	.05	.06	---	.12	.30	.17	.35	.56	.86	.17
30	.05	.08	.05	.05	---	.12	.18	.19	.08	.64	.85	.15
31	.26	---	.26	.04	---	.16	---	.17	---	.80	1.0	---
TOTAL	2.78	2.81	2.19	2.73	2.43	6.02	7.18	6.30	5.27	7.06	17.56	10.79
MEAN	.090	.094	.071	.088	.087	.19	.24	.20	.18	.23	.57	.36
MAX	.37	.28	.26	.51	.25	1.0	.93	.47	.60	.80	1.0	1.8
MIN	.05	.05	.04	.04	.03	.07	.12	.14	.06	.07	.16	.10

CAL YR 1988 TOTAL 51.50 MEAN .14 MAX .80 MIN .04
WTR YR 1989 TOTAL 73.12 MEAN .20 MAX 1.8 MIN .03

021973028 A-011 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°20'10'', long 81°43'53'', Aiken County, Hydrologic Unit 03060106, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Rd 1-A, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--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 7.8 ft^3/s, which are undefined. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, May 3, 1984, gage height, 1.98 ft; minimum daily, less than 0.01 ft^3/s Mar. 5, 1985, July 27, Aug. 29, 31, Sept. 20-26, Nov. 29, 1986, Apr. 30, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 19, gage height, 1.60 ft; minimum daily, less than 0.01 ft^3/s, Jan. 14, Apr. 1, 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.06	.07	.03	.12	.10	.12	.01	1.4	.05	.02	.58	.08
2	.06	.05	.04	.02	.09	.93	.01	.04	.05	.02	.06	.04
3	1.5	.05	.04	.65	.10	.83	.02	.02	.07	.07	.05	.04
4	.10	.05	.03	.04	.09	.93	.03	.03	.14	.51	.06	.03
5	.07	.48	.03	.03	.30	.23	.02	.04	.45	1.4	.05	.04
6	.07	.03	.04	.03	.30	.24	.04	.03	.07	.04	.09	.03
7	.07	.04	.05	.03	.12	.09	.10	.02	.04	.04	.08	.03
8	.06	.04	.02	.04	.11	.15	.92	.02	.03	.04	.06	.05
9	.04	.09	.10	.07	.10	.11	.66	.11	.95	.04	.04	.05
10	.04	.35	.05	.16	.10	.10	1.8	.33	.04	.04	.04	.06
11	.04	.03	.04	.04	.09	.05	.29	.02	.03	.04	.04	.07
12	.04	.06	.04	.04	.10	.04	.04	.02	.03	.19	.03	.07
13	.03	.05	.04	.07	.09	.05	.03	.02	.03	.06	.03	.07
14	.03	.04	.10	.01	.09	.05	.03	.07	.04	.04	.05	.06
15	.03	.04	.55	.05	.47	.07	.51	.03	.10	1.2	.06	.06
16	.03	.05	.27	.03	.11	.23	.03	.03	.20	.19	.04	.06
17	.03	.72	.04	.03	.13	.09	.03	.03	.09	.08	.25	.05
18	.04	.04	.03	.26	.13	.08	.03	.03	.03	.05	.04	.06
19	.49	.02	.04	.10	.11	.13	.06	.03	.73	1.7	.06	.04
20	.03	.27	.03	.10	.25	.14	.12	.04	.44	.98	.11	.03
21	.17	.04	.51	.09	2.0	.17	.03	.03	.77	.69	.05	2.8
22	.04	.04	.03	.09	.41	.14	.02	.04	.47	1.2	.05	1.7
23	.04	.64	.03	.09	.30	2.0	.03	.03	.06	.13	.05	.04
24	.04	.05	.03	.09	.29	.24	.03	.03	.12	.06	.05	.07
25	.05	.04	.03	.09	.07	.03	.03	.03	.04	.04	.35	.04
26	.06	.05	.03	.10	.06	.03	.02	.04	.04	.09	.04	.04
27	.05	.05	.05	.12	.08	.03	.03	.03	.04	.22	.04	.02
28	.05	.11	.05	.10	.29	.03	.06	.03	.04	.36	.04	.02
29	.02	.07	.02	.11	---	.04	.24	.03	.49	.05	.07	.04
30	.02	.03	.03	.13	---	.04	.04	.04	.05	.05	.04	.04
31	.54	---	.88	.10	---	.03	---	.04	---	.21	.60	---
TOTAL	3.94	3.69	3.30	3.03	6.48	7.44	5.31	2.73	5.73	9.85	3.20	5.83
MEAN	.13	.12	.11	.098	.23	.24	.18	.088	.19	.32	.10	.19
MAX	1.5	.72	.88	.65	2.0	2.0	1.8	1.4	.95	1.7	.60	2.8
MIN	.02	.02	.02	.01	.06	.03	.01	.02	.03	.02	.03	.02

CAL YR 1988 TOTAL 51.76 MEAN .14 MAX 3.3 MIN .01
WTR YR 1989 TOTAL 60.53 MEAN .17 MAX 2.8 MIN .01

02197309 TIMS BRANCH AT ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'12'', long 81°41'45'', Aiken County, Hydrologic Unit 03060106, on right upstream end of metal culvert, 30 ft northeast of SRS Road C and 300 ft northwest of Upper Three Runs Creek, at Savannah River Site.

DRAINAGE AREA.--17.5 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: May 3 to July 18, Sept. 24 - 30, which are poor. Flow regulated by Savannah River Site operations 5 mi upstream.

AVERAGE DISCHARGE.-- 13 years, 5.58 ft^3/s, 4.33 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63 ft^3/s, May 1, 1987, gage height, 5.16 ft; minimum daily, 1.0 ft^3/s, September 27, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 38 ft^3/s, Sept. 22, gage height, 4.26 ft; minimum daily, 2.5 ft^3/s, Sept. 14, 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	6.5	4.6	12	4.3	6.0	4.8	8.5	3.0	3.8	3.9	3.8
2	3.5	5.2	4.5	6.8	4.5	7.3	4.4	11	2.6	3.6	6.2	2.8
3	9.1	4.8	4.6	7.1	4.3	14	4.0	5.5	2.8	5.5	4.1	2.7
4	16	4.6	4.5	7.4	4.9	10	4.0	4.8	2.8	11	3.6	2.6
5	7.3	6.3	4.3	5.4	4.3	12	3.7	5.4	3.5	4.1	3.4	2.6
6	4.9	6.4	5.8	5.0	6.1	9.5	3.6	4.2	3.2	4.0	3.3	2.7
7	3.7	5.0	5.2	4.9	4.8	8.1	4.1	3.1	3.0	3.8	3.0	2.7
8	3.2	4.3	4.9	4.7	3.9	6.7	4.8	3.2	4.4	3.4	3.0	2.7
9	3.1	4.2	5.1	4.7	3.7	6.3	12	3.5	12	3.7	3.0	2.7
10	2.9	4.2	4.8	5.1	4.8	6.0	19	7.6	3.2	3.2	2.9	2.7
11	2.8	4.2	4.7	6.5	3.7	5.7	16	3.4	3.5	3.6	2.9	2.7
12	3.1	4.0	4.4	5.9	3.4	5.2	8.7	3.2	4.2	3.7	2.9	2.7
13	3.3	3.9	4.4	5.5	3.4	5.1	12	4.1	4.0	3.4	2.9	2.6
14	3.2	3.8	4.2	5.0	3.4	5.0	6.5	3.6	3.5	3.5	2.8	2.5
15	3.5	4.0	4.2	4.9	3.5	5.1	9.2	3.0	4.1	7.9	2.8	2.5
16	3.5	4.2	5.6	4.5	3.5	9.0	6.9	3.6	4.4	4.3	2.8	2.6
17	3.4	8.6	5.1	4.4	3.4	6.4	5.5	3.6	3.7	3.7	2.8	2.6
18	3.3	6.3	4.6	4.5	3.6	5.2	5.1	4.1	3.8	3.1	3.0	2.6
19	3.5	5.0	4.4	4.6	3.6	4.7	4.9	3.5	8.4	5.3	2.9	2.6
20	4.0	4.8	4.4	5.6	4.0	4.7	6.0	3.2	8.2	16	2.8	2.6
21	5.0	4.4	4.4	5.1	10	5.0	5.3	3.6	5.2	13	2.8	12
22	4.7	4.0	4.7	4.4	11	4.9	4.7	3.7	5.3	12	2.7	29
23	3.5	4.9	4.9	4.2	6.4	11	4.4	3.9	4.0	12	2.7	14
24	3.5	6.3	4.4	4.2	7.1	15	4.5	3.6	4.7	7.4	2.7	5.0
25	3.3	4.6	4.1	4.2	6.5	8.3	3.9	3.4	4.9	5.2	3.4	4.4
26	3.5	4.3	4.0	4.4	5.7	6.6	3.3	3.2	5.0	4.3	4.1	4.3
27	3.6	4.3	4.1	4.5	5.3	5.4	3.7	3.4	5.2	4.7	2.9	4.2
28	4.0	5.2	5.0	4.3	8.4	4.7	3.7	3.4	3.8	11	2.7	4.1
29	4.0	4.6	4.7	4.2	---	4.8	5.4	3.4	4.2	5.4	2.7	4.2
30	3.9	4.4	4.7	4.3	---	4.7	4.4	3.1	4.2	4.2	2.7	4.1
31	5.0	---	6.0	4.3	---	4.7	---	3.2	---	3.5	2.7	---
TOTAL	134.9	147.3	145.3	162.6	141.5	217.1	188.5	130.0	134.8	183.3	97.1	139.3
MEAN	4.35	4.91	4.69	5.25	5.05	7.00	6.28	4.19	4.49	5.91	3.13	4.64
MAX	16	8.6	6.0	12	11	15	19	11	12	16	6.2	29
MIN	2.8	3.8	4.0	4.2	3.4	4.7	3.3	3.0	2.6	3.1	2.7	2.5

WTR YR 1989 TOTAL 1821.7 MEAN 4.99 MAX 29 MIN 2.5

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRS Road C, 2.0 mi east of SRS Road 2, at Savannah River Site.

DRAINAGE AREA.--176 mi^2.

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

GAGE.--Data collection Platform. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: June 1 - 6, July 25, 26, Aug. 27 to Sept. 6, which are poor.

AVERAGE DISCHARGE.--15 years, 198 ft^3/s, 15.29 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 962 ft^3/s, Feb. 6, 1985, gage height, 6.25 ft; minimum daily, 90 ft^3/s, July 21, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 613 ft^3/s, Apr. 11, gage height, 5.51 ft; minimum daily, 91 ft^3/s, June 3, 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	114	179	134	275	126	179	143	182	95	122	188	200
2	114	169	131	237	124	179	138	343	93	117	193	203
3	166	140	131	186	124	302	136	247	91	116	160	140
4	418	134	133	220	122	309	136	157	91	159	140	132
5	236	160	130	175	122	309	135	143	93	458	131	122
6	139	193	130	149	155	257	135	144	100	436	125	124
7	122	160	127	142	160	203	138	135	133	214	121	130
8	115	140	129	139	139	173	156	130	120	149	120	128
9	111	135	133	137	129	161	315	134	253	162	123	124
10	110	132	137	145	125	153	505	235	269	141	125	120
11	108	131	134	151	125	147	602	207	159	130	123	117
12	107	128	132	142	124	144	424	154	125	123	122	114
13	106	128	130	141	122	141	228	138	115	136	121	114
14	106	126	130	143	123	139	187	132	109	126	120	115
15	109	127	130	138	125	138	229	129	106	136	131	123
16	109	129	144	139	123	155	261	127	114	273	134	128
17	109	166	154	135	120	164	206	123	138	210	129	121
18	110	177	140	131	121	148	177	118	137	155	181	115
19	110	147	133	128	126	140	162	116	142	158	149	112
20	110	138	132	129	133	136	168	116	335	328	135	116
21	131	135	135	128	200	144	173	116	561	390	133	210
22	147	127	133	125	304	161	156	113	396	292	128	496
23	131	136	132	124	244	234	147	112	300	248	121	502
24	122	174	132	124	193	505	144	111	188	255	116	234
25	118	154	130	123	183	418	139	108	160	213	131	163
26	117	141	126	123	167	207	134	109	144	160	242	161
27	121	136	124	125	153	174	131	108	132	143	190	159
28	129	144	126	124	168	160	128	105	124	348	150	146
29	135	139	127	123	---	153	131	103	122	353	126	138
30	130	140	125	124	---	149	131	102	128	184	122	136
31	136	---	135	130	---	151	---	101	---	163	118	---
TOTAL	4146	4365	4099	4555	4180	6133	5995	4398	5073	6598	4348	4943
MEAN	134	145	132	147	149	198	200	142	169	213	140	165
MAX	418	193	154	275	304	505	602	343	561	458	242	502
MIN	106	126	124	123	120	136	128	101	91	116	116	112

WTR YR 1989 TOTAL 58833 MEAN 161 MAX 602 MIN 91

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°44'42'', Aiken County, Hydrologic Unit 03060106, near right bank, on downstream side of bridge at SRS Road A, 2.0 mi south of SRS Road 2, at Savannah River Plant.

DRAINAGE AREA.--203 mi^2.

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: June 9 - 19, which are poor.

AVERAGE DISCHARGE.--14 years, 239 ft^3/s, 15.99 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 ft^3/s, May 29, 1976, gage height, 6.76 ft; minimum daily, 86 ft^3/s, July 21, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 592 ft^3/s, Apr. 11, gage height, 5.23 ft; minimum daily, 93 ft^3/s, June 3, 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	106	197	161	287	145	220	169	168	98	126	192	217
2	106	212	155	332	142	211	161	338	95	115	208	226
3	141	171	155	241	140	320	158	344	93	109	184	152
4	354	155	156	273	139	370	156	199	93	155	151	141
5	380	176	150	235	137	355	154	167	95	397	135	129
6	180	227	150	189	171	340	156	169	118	441	124	128
7	136	205	148	175	197	259	158	156	141	347	118	130
8	122	168	150	168	170	214	174	146	125	172	115	129
9	115	157	157	164	151	195	310	147	214	163	115	124
10	113	153	165	173	144	186	441	247	337	150	118	120
11	111	150	161	184	142	177	583	275	177	132	118	115
12	109	145	157	174	142	171	535	193	135	120	116	112
13	107	143	153	171	139	168	351	162	122	152	116	108
14	105	144	152	174	138	165	240	151	119	129	114	106
15	107	144	151	164	140	163	252	145	116	120	121	115
16	108	148	166	166	138	174	321	141	122	247	135	130
17	109	178	190	161	134	197	271	135	144	281	126	119
18	108	218	171	154	135	179	220	127	142	176	169	113
19	108	183	158	150	143	166	196	123	150	152	171	106
20	109	165	156	149	150	157	197	122	238	277	141	110
21	128	158	158	148	217	164	211	122	452	401	134	189
22	164	149	158	143	331	189	190	118	453	384	129	386
23	149	155	155	142	340	249	176	115	367	285	119	485
24	133	200	155	141	245	402	170	114	249	286	111	386
25	126	196	152	140	225	487	162	112	185	263	108	197
26	122	171	146	140	205	312	152	110	159	185	220	184
27	127	162	143	144	188	215	146	110	137	160	224	182
28	138	170	145	143	196	194	142	106	125	242	176	169
29	151	171	148	140	---	184	146	103	128	384	148	152
30	145	167	144	142	---	178	148	101	141	260	144	147
31	148	---	153	150	---	179	---	99	---	178	139	---
TOTAL	4365	5138	4819	5457	4884	7140	6846	4865	5270	6989	4439	5107
MEAN	141	171	155	176	174	230	228	157	176	225	143	170
MAX	380	227	190	332	340	487	583	344	453	441	224	485
MIN	105	143	143	140	134	157	142	99	93	109	108	106

WTR YR 1989 TOTAL 65319 MEAN 179 MAX 583 MIN 93

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01'', long 81°46'04'', Aiken County, Hydrologic Unit 03060106, on left bank 0.5 mi downstream from Upper Three Runs, 15.2 mi upstream from Steel Creek, 6.2 mi south of Jackson and at mile 156.8.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 22,000 ft^3/s only.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for estimated daily discharges: July 17 - 19, 22, which are fair. Water is diverted above and below gage by Savannah River Site with the volume diverted varying from day to day. Flow regulated by Hartwell Lake (see sta. 02187250), Richard B. Russell Lake (see sta. 02189004), by Thurmond Lake (see sta. 02194500), and affected to some degree by Savannah River Site operations. At times of high flow, bankfull capacity is exceeded in the intervening channel reach.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Apr. 11, 1983, gage height, 21.57 ft; minimum daily, 3,220 ft^3/s, Dec. 9, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 16,800, Sept. 23, gage height, 14.90 ft; minimum daily, 4,360 ft^3/s, June 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4710	4850	4960	5090	4560	5500	5900	4740	4520	4910	6380	10800
2	4650	5260	5020	5240	4570	8810	5520	5100	4480	4770	7900	9730
3	4610	5110	5030	5100	4530	8060	4990	5490	4420	4680	6800	6870
4	6880	5130	4940	5090	4600	6900	4840	5820	4360	4740	6530	5020
5	13700	5080	4840	5780	4620	6450	4790	5510	4370	6490	5510	6540
6	11300	5140	4770	6520	4620	7230	4760	5220	4440	12200	4880	10100
7	6850	4980	4750	5110	4690	7430	4760	4980	4520	6000	4710	10900
8	5840	4880	4730	4590	4760	9940	5390	4810	4460	5900	4650	11300
9	5770	4830	4670	4570	5120	8100	5550	4830	4780	5300	5000	11600
10	5020	4840	4790	4590	5450	5970	7720	5110	5350	5550	5200	7630
11	4840	4850	4830	5430	5140	5330	12100	6700	5290	5780	5170	5130
12	4710	4880	4780	6270	4700	4960	12100	8320	5000	5300	4670	7000
13	4610	4860	4760	5810	4580	4880	9400	5710	4670	5700	4520	10900
14	4990	4770	4810	5270	4560	4890	6250	4960	4520	6730	4470	11500
15	4900	4700	4860	6250	4550	5220	5660	4910	4450	6750	4570	8780
16	4690	4780	4990	5060	4530	4990	8650	5200	4690	5910	4940	7600
17	4610	5090	4960	4770	4600	5020	14100	5140	4980	5830	5410	6520
18	4570	5220	4700	4890	5300	5230	14000	4980	4840	7620	5510	5010
19	4770	5110	4630	5710	4780	4910	7490	5290	4640	8570	5460	4910
20	4680	5050	4560	5280	4660	4810	5680	5120	4950	8110	4700	6890
21	4770	4960	4640	5000	4720	4880	5950	4810	5590	7700	4500	7870
22	4850	4780	4650	4610	8700	4960	5510	4730	9570	9600	4470	14600
23	4860	4790	4640	4580	15200	6020	5040	4690	11700	8900	5460	16600
24	4750	4910	4520	4590	13900	11300	4960	4750	8060	7650	8680	13700
25	4590	4920	4530	4610	8440	16500	5230	4750	6490	7750	8410	7640
26	4980	5360	4520	5400	6580	15500	5240	4670	5360	8770	6960	5790
27	5180	5160	4570	5650	5590	9400	4990	4680	4910	7850	5910	7220
28	5240	4810	4590	5210	5270	6400	4970	4540	4950	6840	4900	8100
29	4830	4730	4540	4710	---	5810	4800	4420	4840	6210	6450	7100
30	4700	4910	4850	4650	---	5510	4680	4380	4820	5300	11000	6760
31	4650	---	4810	4600	---	5570	---	4440	---	5500	11600	---
TOTAL	170100	148740	147240	160030	163320	216480	201020	158800	160020	208910	185320	260110
MEAN	5487	4958	4750	5162	5833	6983	6701	5123	5334	6739	5978	8670
MAX	13700	5360	5030	6520	15200	16500	14100	8320	11700	12200	11600	16600
MIN	4570	4700	4520	4570	4530	4810	4680	4380	4360	4680	4470	4910

CAL YR 1988 TOTAL 1907780 MEAN 5213 MAX 13700 MIN 4150
WTR YR 1989 TOTAL 2180090 MEAN 5973 MAX 16600 MIN 4360

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 data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 28.5°C, Aug. 23, 1989; minimum, 4.5°C, Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.5°C, Aug. 23; minimum, 8.0°C, Feb. 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

02197321 X-004 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'37'', long 81°45'38'', Aiken County, Hydrologic Unit 03060106, on right downstream headwall of culvert, 100 ft southwest of TNX-Area, 800 ft upstream from mouth, 1500 ft west of SRS Road A-4.7 (River Road), at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Estimated daily discharges: June 20, July 4. Flow regulated by Savannah River Site Operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Apr. 6, 1988, gage height, 1.73 ft; minimum daily, less than 0.01 ft^3/s, Nov. 20, 29, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 1.67 ft; minimum daily, 0.04 ft^3/s, Mar. 27 - 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.09	.12	.10	.11	.10	.10	.05	.10	.09	.06	.07	.08
2	.09	.11	.09	.10	.10	.12	.05	.08	.10	.07	.07	.08
3	.12	.09	.09	.13	.10	.10	.05	.08	.10	.08	.07	.08
4	.09	.09	.09	.11	.11	.09	.07	.08	.10	.09	.07	.07
5	.09	.10	.09	.10	.12	.09	.09	.08	.11	.07	.07	.08
6	.09	.09	.09	.10	.11	.10	.08	.09	.10	.07	.07	.08
7	.09	.09	.09	.10	.09	.10	.08	.09	.10	.07	.07	.08
8	.09	.12	.09	.10	.09	.10	.10	.09	.10	.06	.08	.08
9	.09	.13	.09	.10	.09	.10	.10	.10	.09	.06	.08	.08
10	.09	.12	.10	.11	.09	.09	.12	.10	.06	.07	.08	.08
11	.09	.13	.11	.10	.10	.09	.09	.09	.06	.07	.07	.08
12	.09	.09	.10	.10	.10	.09	.08	.09	.07	.10	.07	.08
13	.09	.09	.10	.11	.10	.09	.08	.09	.07	.08	.07	.08
14	.08	.09	.10	.10	.10	.09	.08	.09	.07	.08	.07	.07
15	.08	.09	.11	.11	.10	.08	.10	.09	.08	.09	.08	.08
16	.09	.09	.13	.10	.10	.08	.09	.09	.10	.08	.08	.08
17	.09	.11	.12	.10	.10	.09	.09	.07	.07	.06	.08	.08
18	.09	.10	.12	.10	.11	.09	.09	.09	.07	.06	.07	.08
19	.09	.10	.12	.10	.10	.09	.08	.09	.08	.08	.07	.08
20	.09	.10	.12	.10	.11	.09	.09	.09	.09	.08	.07	.08
21	.10	.10	.12	.10	.13	.09	.08	.09	.08	.07	.07	.14
22	.09	.10	.12	.10	.27	.09	.08	.09	.08	.06	.07	.09
23	.09	.12	.12	.10	.32	.10	.09	.09	.07	.07	.06	.08
24	.09	.10	.11	.10	.31	.06	.08	.10	.07	.06	.06	.08
25	.09	.10	.12	.10	.31	.05	.09	.10	.07	.06	.06	.09
26	.08	.10	.12	.10	.31	.05	.09	.10	.07	.06	.05	.08
27	.09	.10	.12	.11	.32	.04	.09	.10	.07	.06	.05	.08
28	.09	.11	.13	.10	.15	.04	.11	.09	.07	.07	.07	.08
29	.09	.10	.12	.10	---	.05	.09	.09	.07	.06	.08	.08
30	.09	.10	.12	.11	---	.05	.08	.10	.07	.07	.08	.08
31	.12	---	.13	.10	---	.05	---	.10	---	.07	.08	---
TOTAL	2.83	3.08	3.38	3.20	4.14	2.54	2.54	2.82	2.43	2.19	2.19	2.46
MEAN	.091	.10	.11	.10	.15	.082	.085	.091	.081	.071	.071	.082
MAX	.12	.13	.13	.13	.32	.12	.12	.10	.11	.10	.08	.14
MIN	.08	.09	.09	.10	.09	.04	.05	.07	.06	.06	.05	.07

CAL YR 1988 TOTAL 49.95 MEAN .14 MAX .40 MIN .04
WTR YR 1989 TOTAL 33.80 MEAN .093 MAX .32 MIN .04

02197323 D-006 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12'', long 81°44'38'', Barnwell County, Hydrologic Unit 03060106, on downstream side of footbridge, 100 ft west of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Feb. 21, Mar. 23, 24, Apr. 8, May 1, 5, June 8, 9, 24, July 4, 20, July 31 to Aug. 28, Sept. 21, 22, which are poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, 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, unknown, Sept. 21, gage height, 2.39 ft; minimum daily, 1.1 ft^3/s, Mar. 14, 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	2.8	2.4	1.4	1.5	1.5	1.5	3.2	1.5	1.6	2.7	2.7
2	2.8	2.7	2.4	1.3	1.5	2.4	1.5	1.6	1.5	1.6	2.8	2.7
3	3.4	2.7	2.3	2.0	1.5	2.0	1.5	1.5	1.5	1.6	2.8	2.7
4	2.8	2.7	2.3	1.6	1.5	1.3	1.5	1.5	1.5	2.8	2.8	2.7
5	2.7	3.0	2.3	1.6	1.5	1.2	1.5	1.8	1.7	2.3	2.8	2.7
6	2.7	2.7	2.3	1.6	1.5	1.2	1.5	1.6	1.6	2.0	2.8	2.7
7	3.0	2.7	2.1	1.6	1.5	1.2	1.5	1.5	1.5	1.9	2.8	2.7
8	2.8	2.7	1.8	1.5	1.5	1.2	2.3	1.5	1.6	1.9	2.9	2.7
9	2.7	2.7	1.8	1.5	1.5	1.2	2.1	1.7	3.2	1.8	2.9	2.6
10	2.7	2.8	1.8	1.6	1.5	1.2	3.5	1.9	1.6	1.9	2.9	2.6
11	2.7	2.8	1.8	1.6	1.5	1.2	2.0	1.5	1.5	2.1	2.9	2.6
12	2.7	2.7	1.8	1.6	1.5	1.2	1.7	1.5	1.5	2.3	2.9	2.6
13	2.7	2.7	1.8	1.5	1.5	1.2	1.6	1.5	1.5	1.9	2.9	2.6
14	2.7	2.7	1.8	1.5	1.5	1.1	1.6	1.5	1.5	1.8	2.9	2.7
15	2.7	2.7	1.7	1.5	1.5	1.1	2.3	1.5	1.6	1.9	2.9	2.7
16	2.7	2.7	1.9	1.5	1.5	1.2	1.7	1.5	1.7	1.8	2.9	2.7
17	2.6	2.8	1.7	1.5	1.6	1.2	1.7	1.5	1.6	1.7	2.9	2.7
18	2.6	2.7	1.7	1.5	1.6	1.3	1.7	1.5	1.5	1.7	2.9	2.7
19	2.6	2.7	1.7	1.5	1.6	1.4	1.6	1.5	2.2	1.7	3.0	2.7
20	2.6	2.6	1.7	1.5	1.6	1.3	1.8	1.5	1.8	1.9	3.0	2.7
21	2.7	2.7	1.7	1.5	2.5	1.5	1.6	1.5	1.9	1.5	3.0	5.5
22	2.6	2.7	1.7	1.5	1.6	1.5	1.5	1.5	2.0	1.2	3.0	3.8
23	2.7	2.8	1.7	1.5	1.5	2.0	1.5	1.5	1.7	1.5	3.0	2.8
24	2.7	2.7	1.7	1.5	1.5	2.7	1.6	1.5	2.3	1.5	3.0	2.7
25	2.6	2.7	1.7	1.5	1.5	1.8	1.6	1.5	2.0	1.7	2.9	2.7
26	2.6	2.7	1.7	1.5	1.4	1.6	1.5	1.5	1.7	1.7	2.9	2.7
27	2.6	2.6	1.7	1.5	1.4	1.5	1.5	1.5	1.7	1.9	2.8	2.6
28	2.7	2.6	1.5	1.5	1.7	1.5	1.7	1.5	1.7	2.7	2.7	2.6
29	2.7	2.4	1.3	1.5	---	1.5	1.5	1.5	1.7	2.7	2.8	2.6
30	2.7	2.4	1.3	1.5	---	1.5	1.5	1.5	1.6	2.7	2.7	2.6
31	2.8	---	1.7	1.5	---	1.5	---	1.5	---	2.7	2.7	---
TOTAL	84.4	80.9	56.8	47.4	43.5	45.2	51.6	49.3	51.9	60.0	88.9	84.1
MEAN	2.72	2.70	1.83	1.53	1.55	1.46	1.72	1.59	1.73	1.94	2.87	2.80
MAX	3.4	3.0	2.4	2.0	2.5	2.7	3.5	3.2	3.2	2.8	3.0	5.5
MIN	2.6	2.4	1.3	1.3	1.4	1.1	1.5	1.5	1.5	1.2	2.7	2.6

WTR YR 1989 TOTAL 744.0 MEAN 2.04 MAX 5.5 MIN 1.1

02197323 D-006 AT SAVANNAH RIVER SITE, SC--CONTINUED

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: September 1987 to current year.

INSTRUMENTATION.--Data collection platform. Prior to March 1989, digital recorder and USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C, July 12, 27, 1989; minimum, 8.0°C, Feb. 25, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, July 12, 27; minimum, 8.0°C, Feb. 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--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	12.5	11.0	12.0	19.0	15.5	16.5	23.0	21.0	22.0
2	15.0	13.0	14.0	12.5	10.0	11.5	19.0	14.5	16.5	23.5	19.5	21.5
3	16.5	12.5	14.5	12.5	10.0	11.5	19.5	15.5	17.5	23.0	19.0	20.5
4	15.5	14.5	15.0	13.0	12.0	12.5	19.0	16.5	17.5	22.5	18.5	20.0
5	15.0	14.0	14.5	17.0	13.0	14.5	18.5	16.5	17.5	22.5	19.5	20.5
6	15.5	14.0	15.0	17.0	13.0	15.0	19.0	16.0	17.0	22.0	18.5	20.0
7	16.5	14.5	15.5	13.0	11.0	12.5	17.5	15.0	16.5	21.5	18.0	19.5
8	15.5	13.5	14.5	11.5	10.5	11.0	17.5	13.5	15.5	21.5	17.5	19.5
9	14.0	12.0	13.0	13.5	10.5	11.5	16.0	14.0	15.0	20.5	19.5	19.5
10	13.0	10.5	12.0	14.0	10.5	11.5	14.0	12.5	13.0	22.0	18.5	20.0
11	12.5	10.0	11.0	14.5	10.0	12.0	14.5	11.5	13.0	21.5	17.5	19.5
12	13.0	10.0	11.5	16.5	11.0	13.0	16.0	12.0	13.5	22.5	18.0	19.5
13	14.0	11.0	12.0	16.5	12.5	14.0	16.5	12.0	14.0	21.0	17.5	19.0
14	15.0	13.0	14.0	18.5	12.5	15.0	17.0	13.0	14.5	22.5	19.0	20.5
15	16.5	13.5	15.0	20.0	14.0	17.0	16.5	15.0	16.0	24.0	20.5	22.0
16	17.5	14.0	15.5	20.0	16.5	18.0	18.5	14.5	16.0	24.0	19.5	21.5
17	15.5	13.5	14.5	19.5	16.5	17.5	19.5	15.0	17.0	24.5	19.5	22.0
18	13.5	12.5	13.0	20.5	17.0	18.5	20.5	15.0	17.5	24.5	20.0	22.5
19	13.5	12.0	12.5	20.5	16.0	18.0	21.5	16.5	19.0	24.0	20.5	22.0
20	12.5	12.0	12.5	18.5	16.0	17.0	19.0	17.5	18.0	24.0	20.0	22.0
21	13.0	12.0	12.5	18.5	16.0	17.0	21.5	17.5	19.0	25.5	21.5	23.5
22	13.5	11.0	12.5	17.5	14.0	15.5	21.5	17.0	19.0	26.0	21.0	23.5
23	11.0	9.5	10.0	13.5	8.5	11.5	22.0	18.0	19.5	25.5	22.5	24.0
24	11.0	8.5	9.5	15.5	10.5	12.5	23.0	19.0	21.0	26.5	22.0	24.5
25	11.0	8.0	9.0	15.5	11.5	13.0	24.0	19.5	21.5	26.5	22.0	24.5
26	12.5	8.5	10.0	16.0	11.0	13.5	25.0	20.5	22.5	26.5	23.0	25.0
27	12.5	10.5	11.5	17.5	13.0	15.0	25.5	21.0	23.0	27.5	23.5	25.5
28	14.0	11.5	12.5	18.5	14.0	16.0	25.5	21.0	23.0	27.0	23.0	25.0
29	---	---	---	20.0	15.5	17.5	25.5	21.0	23.0	26.5	22.5	25.0
30	---	---	---	20.0	17.0	18.0	24.5	21.0	22.5	27.5	23.5	25.5
31	---	---	---	19.5	16.5	18.0	---	---	---	28.0	24.5	26.0
MONTH	17.5	8.0	13.0	20.5	8.5	14.5	25.5	11.5	18.0	28.0	17.5	22.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	24.5	26.5	27.5	25.0	26.0	29.0	27.0	28.0	25.0	23.0	24.0
2	28.0	25.0	26.5	28.0	24.5	26.5	28.0	28.0	28.0	26.0	24.5	25.0
3	27.5	24.0	25.5	28.0	25.5	26.5	28.0	27.0	28.0	26.5	25.0	26.0
4	27.5	23.5	25.5	27.5	24.0	26.0	28.0	26.0	27.5	26.5	25.5	26.0
5	27.5	24.5	26.0	28.0	25.0	26.5	29.0	27.0	28.0	26.0	25.5	25.5
6	25.5	24.0	25.0	27.5	25.0	26.5	29.0	27.0	28.5	26.5	25.0	26.0
7	27.0	23.0	25.0	28.0	25.5	26.5	29.0	28.0	28.5	26.0	24.5	25.5
8	25.5	23.0	24.5	28.5	26.0	27.0	28.0	26.0	27.0	27.0	25.5	26.0
9	25.5	22.0	24.0	29.5	26.5	28.0	26.0	25.0	25.5	26.0	24.5	25.0
10	26.0	22.5	24.5	29.5	27.0	28.5	26.0	25.0	25.5	26.5	24.5	25.5
11	26.0	23.0	24.5	29.5	28.0	29.0	25.0	24.0	25.0	27.0	25.5	26.5
12	26.5	23.5	24.5	30.5	27.0	28.5	25.0	23.0	24.5	27.5	25.0	26.5
13	27.5	23.0	25.5	30.0	26.5	28.5	26.0	24.0	25.0	27.5	24.5	26.5
14	28.0	25.0	26.5	29.0	28.0	28.5	26.0	25.0	25.5	24.5	23.5	24.0
15	28.0	25.0	26.5	29.0	27.0	28.0	27.5	26.0	26.5	26.0	24.0	25.0
16	27.0	25.0	26.0	28.5	26.5	27.5	27.5	26.0	27.0	26.0	24.0	25.5
17	26.5	23.5	25.0	28.5	27.0	28.0	28.0	26.0	27.0	25.5	24.0	25.0
18	27.0	23.5	25.5	27.5	26.0	27.0	27.0	26.0	26.5	25.0	23.5	24.0
19	27.0	23.5	25.0	28.5	25.5	26.5	---	---	---	23.0	22.5	22.5
20	26.5	23.0	24.5	28.5	25.0	26.0	29.0	28.0	28.0	23.5	22.5	23.0
21	26.5	23.5	25.0	29.0	25.5	27.0	29.0	28.0	28.5	24.0	22.5	23.5
22	27.0	23.5	25.0	28.0	25.0	27.0	30.0	28.0	29.0	23.5	22.0	23.0
23	25.5	23.5	24.0	29.0	25.5	26.5	30.0	29.0	29.5	24.0	22.5	23.0
24	27.5	22.5	24.5	28.5	25.0	26.5	29.0	28.0	29.0	23.5	22.0	22.0
25	27.0	24.0	25.5	29.5	26.5	28.0	27.0	26.0	26.5	22.0	21.5	21.5
26	27.0	24.5	26.0	29.5	26.5	28.0	27.0	26.0	26.0	22.5	22.0	22.0
27	28.0	24.5	26.5	30.5	26.5	28.0	27.0	26.0	26.0	22.5	22.0	22.5
28	28.5	26.0	27.5	28.0	25.0	27.0	27.0	26.5	26.5	22.0	21.0	21.5
29	28.5	26.0	27.0	30.0	27.5	28.5	26.5	25.5	26.0	23.5	22.0	22.5
30	28.5	25.0	26.5	30.0	26.0	28.5	27.0	24.0	25.5	23.5	23.0	23.0
31	---	---	---	---	---	---	24.5	23.0	24.0	---	---	---
MONTH	28.5	22.0	25.5	30.5	24.0	27.5	30.0	23.0	27.0	27.5	21.0	24.5
YEAR	30.5	8.0	19.5									

02197324 D-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'07'', long 81°44'34'', Barnwell County, Hydrologic Unit 03060106, at downstream end of pipe culvert, 60 ft southwest of D-Area, 1.1 mi south of intersection of SRP Roads 3 and A-4, at Savannah River Site.

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.--Records fair, except for estimated daily discharges: Dec. 31, Jan. 4, Feb. 24, May 1, 5, June 5, 8, 9, 19, 20, 22, 24, July 3 - 5, 12, 19 - 21, 23, 27, 28, 30, Sept. 21, 22, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 29, 1984, gage height 4.41 ft; no flow several days in June and July 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 30, gage height, 3.09 ft, (from indicator); minimum daily, 0.03 ft^3/s, Mar. 5 - 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.06	.07	.08	.06	---	.04	.04	.09	.06	.08	.09	.06
2	.06	.06	.08	.05	---	.07	.04	.05	.06	.08	.09	.06
3	.10	.06	.07	.08	---	.05	.04	.05	.06	.09	.09	.06
4	.06	.07	.07	.05	---	.04	.04	.05	.06	.18	.09	.06
5	.06	.08	.07	---	---	.03	.04	.06	.08	.08	.10	.06
6	.06	.07	.07	---	---	.03	.04	.05	.08	.08	.11	.06
7	.07	.06	.07	---	---	.03	.04	.05	.07	.08	.11	.06
8	.09	.05	.07	---	---	.03	.07	.05	.09	.08	.12	.06
9	.07	.06	.07	---	---	.03	.06	.05	.11	.08	.12	.06
10	.06	.06	.07	---	---	.03	.09	.06	.06	.09	.11	.06
11	.06	.07	.07	---	---	.03	.05	.05	.06	.09	.11	.06
12	.06	.07	.07	---	---	.03	.04	.04	.06	.12	.11	.06
13	.09	.07	.07	---	---	.03	.04	.04	.06	.08	.10	.06
14	.06	.08	.07	---	---	.03	.05	.04	.06	.07	.10	.06
15	.07	.08	.06	---	---	.03	.07	.04	.07	.09	.10	.07
16	.06	.09	.08	---	---	.03	.04	.04	.08	.08	.10	.07
17	.06	.09	.06	---	---	.03	.04	.05	.07	.07	.09	.06
18	.06	.08	.06	---	---	.03	.04	.05	.07	.08	.09	.06
19	.06	.08	.06	---	---	.04	.04	.05	.10	.11	.08	.06
20	.06	.08	.06	---	---	.04	.05	.05	.11	.11	.08	.06
21	.07	.08	.06	---	---	.04	.04	.05	.08	.09	.07	.20
22	.06	.09	.06	---	---	.04	.04	.05	.09	.07	.07	.08
23	.05	.10	.06	---	---	.09	.04	.06	.07	.09	.07	.05
24	.06	.08	.06	---	.04	.04	.04	.06	.08	.07	.06	.05
25	.06	.08	.06	---	.04	.04	.04	.06	.08	.07	.05	.05
26	.07	.08	.06	---	.04	.04	.04	.06	.07	.08	.06	.05
27	.07	.08	.06	---	.04	.04	.04	.06	.07	.09	.05	.05
28	.07	.08	.06	---	.05	.04	.06	.06	.08	.09	.06	.05
29	.07	.08	.06	---	---	.04	.05	.06	.08	.08	.06	.05
30	.07	.08	.06	---	---	.04	.05	.06	.08	.12	.07	.05
31	.08	---	.08	---	---	.04	---	.06	---	.08	.06	---
TOTAL	2.06	2.26	2.06	---	---	1.19	1.40	1.65	2.25	2.75	2.67	1.90
MEAN	.066	.075	.066	---	---	.038	.047	.053	.075	.089	.086	.063
MAX	.10	.10	.08	---	---	.09	.09	.09	.11	.18	.12	.20
MIN	.05	.05	.06	---	---	.03	.04	.04	.06	.07	.05	.05

CAL YR 1988 TOTAL 19.19 MEAN .052 MAX .21 MIN .01

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'12'', long 81°45'05'', Barnwell County, Hydrologic Unit 03060106, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D, at Savannah River Site.

DRAINAGE AREA.--0.73 mi^2.

WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Mar. 1 - 3, May 8, Aug. 14 - 31, which are poor. Flow regulated by Savannah River Site operations 1.0 mile upstream.

AVERAGE DISCHARGE.--15 years, 84.5 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, 95 ft^3/s, Sept. 21, gage height, 2.15 ft; minimum daily, 51 ft^3/s, Feb. 27, 28, Mar. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54	62	66	60	68	51	64	70	62	86	85	63
2	54	62	65	58	67	57	64	68	62	88	88	64
3	56	62	65	59	66	65	64	67	62	86	88	62
4	60	61	65	60	66	64	64	65	64	83	89	61
5	64	62	64	63	66	63	64	64	64	73	88	61
6	61	63	65	67	67	62	65	63	62	73	88	63
7	60	63	64	66	66	62	64	78	62	72	88	64
8	60	61	64	66	65	63	66	80	62	71	88	65
9	60	61	62	66	65	62	68	64	65	69	88	68
10	61	61	62	66	64	61	74	64	63	69	89	67
11	60	64	62	66	63	61	73	63	62	70	88	73
12	61	63	62	66	66	62	71	64	62	69	88	74
13	61	64	61	66	67	63	70	62	61	59	88	75
14	64	62	61	66	67	66	68	62	61	56	86	87
15	62	65	61	66	68	68	69	62	60	56	82	86
16	62	64	62	65	68	67	69	62	61	59	81	84
17	63	65	61	64	68	67	71	62	61	58	80	84
18	61	65	61	63	69	66	71	61	60	59	78	83
19	61	63	66	64	68	66	70	62	61	58	76	83
20	59	64	69	62	68	66	69	61	62	59	73	83
21	60	64	69	63	62	66	70	61	57	59	70	90
22	60	66	68	62	57	65	70	60	54	58	84	92
23	61	67	68	62	56	67	69	62	52	60	80	67
24	60	67	67	63	56	68	69	63	64	78	78	64
25	59	66	67	66	54	68	71	62	83	75	76	64
26	59	66	66	67	52	67	71	62	81	73	74	63
27	60	66	65	68	51	65	73	61	80	66	70	63
28	62	65	65	68	51	63	74	62	79	72	66	63
29	61	64	66	68	---	62	66	61	83	66	64	62
30	60	65	66	68	---	65	68	62	86	71	63	62
31	60	---	65	68	---	66	---	61	---	85	62	---
TOTAL	1866	1913	2000	2002	1771	1984	2059	1981	1958	2136	2486	2140
MEAN	60.2	63.8	64.5	64.6	63.2	64.0	68.6	63.9	65.3	68.9	80.2	71.3
MAX	64	67	69	68	69	68	74	80	86	88	89	92
MIN	54	61	61	58	51	51	64	60	52	56	62	61

CAL YR 1988 TOTAL 25807 MEAN 70.5 MAX 93 MIN 37
WTR YR 1989 TOTAL 24296 MEAN 66.6 MAX 92 MIN 51

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC--CONTINUED

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1987 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 34.5°C, June 2, 1988; minimum, 11.5°C, Feb. 25, 26, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 32.0°C, June 28; minimum, 11.5°C, Feb. 25, 26.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	29.0	27.5	28.0	22.0	20.0	21.0	17.5	17.0	17.5	16.0	15.0	15.5
2	29.5	28.0	28.5	22.5	20.0	21.0	17.0	16.0	16.5	15.5	15.0	15.5
3	28.5	27.0	28.0	22.0	20.0	21.5	17.0	15.5	16.0	15.5	15.0	15.0
4	27.5	26.5	27.0	21.0	20.0	20.5	16.0	15.0	15.5	16.0	14.0	15.0
5	26.5	24.0	25.5	21.5	21.0	21.5	16.0	14.5	15.0	15.5	14.0	14.5
6	24.0	23.0	23.5	21.5	19.5	20.0	15.5	14.5	15.0	15.5	14.0	14.5
7	24.0	21.0	22.5	19.5	18.5	19.0	16.0	14.5	15.5	15.5	14.5	15.0
8	23.5	20.0	21.5	20.0	19.0	19.5	16.5	15.0	15.5	16.0	15.0	15.5
9	23.0	22.0	22.5	21.0	20.0	20.5	16.0	15.5	15.5	15.5	15.0	15.5
10	23.0	21.5	22.0	21.5	20.5	21.0	15.5	15.0	15.0	15.5	14.0	14.5
11	23.5	21.5	22.5	21.5	20.5	21.0	15.5	15.0	15.5	15.5	14.5	14.5
12	24.0	22.5	23.0	20.5	19.5	20.0	15.0	13.0	14.0	15.0	14.5	14.5
13	22.5	21.5	22.0	21.5	19.5	20.0	13.5	12.5	13.0	15.5	14.5	15.0
14	22.0	20.5	21.5	21.5	19.5	20.5	14.5	13.5	14.0	15.0	13.5	14.0
15	22.0	21.0	21.5	20.5	19.5	20.0	14.5	13.5	13.5	14.5	14.0	14.5
16	22.5	20.5	21.5	21.0	20.0	20.5	14.5	13.5	13.5	15.0	13.0	14.0
17	23.0	20.5	21.5	21.0	20.5	21.0	14.0	13.0	13.5	14.5	12.5	13.5
18	24.0	21.5	23.0	20.5	19.5	20.0	13.5	12.5	13.0	14.5	12.5	13.5
19	25.0	23.0	24.0	20.0	19.5	20.0	14.0	12.5	13.0	14.5	13.5	14.0
20	24.0	22.5	23.5	20.5	20.0	20.0	14.5	12.5	13.5	14.5	13.5	14.0
21	23.5	22.5	23.0	21.0	19.5	20.0	15.0	14.0	14.5	15.0	13.0	14.0
22	23.0	22.0	22.5	20.0	18.5	19.0	15.5	14.5	15.0	13.5	12.5	13.0
23	22.5	21.0	22.0	18.5	18.0	18.5	16.0	15.5	15.5	14.5	12.0	13.0
24	23.0	21.5	22.0	18.5	17.5	18.0	17.0	15.5	16.0	15.5	12.5	13.5
25	22.5	21.5	22.0	18.0	17.0	17.5	17.5	17.0	17.0	15.5	13.5	14.5
26	23.0	21.5	22.0	18.0	17.0	17.5	17.0	15.5	16.5	15.5	14.5	15.0
27	22.5	21.5	22.0	19.0	18.0	18.5	16.5	15.0	16.0	16.0	15.0	15.5
28	23.5	22.0	22.5	19.0	18.0	18.5	17.5	16.5	17.0	16.0	14.0	15.0
29	23.5	22.0	23.0	19.0	17.0	17.5	17.0	15.0	15.5	15.5	14.0	15.0
30	22.5	21.5	22.0	18.0	16.5	17.0	15.0	14.0	14.5	16.0	14.5	15.5
31	22.0	20.5	21.5	---	---	---	15.5	15.0	15.0	15.0	14.0	14.5
MONTH	29.5	20.0	23.0	22.5	16.5	19.5	17.5	12.5	15.0	16.0	12.0	14.5

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC--CONTINUED

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'57'', long 81°45'55'', Barnwell County, Hydrologic Unit 03060106, on left bank, 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 37.5°C, June 3, 1985; minimum, 6.0°C, Jan. 23, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 31.5°C, June 28; minimum, 7.5°C, Feb. 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.0	13.0	14.0	13.5	12.5	13.0	21.5	19.0	20.0	25.0	22.5	23.5
2	16.0	14.0	15.0	14.0	12.5	13.0	22.0	18.5	20.0	23.5	21.5	22.5
3	17.5	15.0	16.0	13.5	13.0	13.0	22.5	19.5	21.0	23.0	20.5	21.5
4	17.5	16.0	17.0	14.5	13.0	14.0	22.5	20.5	21.5	23.5	20.5	22.5
5	17.0	16.0	16.5	16.5	14.5	15.5	22.0	20.5	21.0	24.0	22.5	23.0
6	17.0	15.5	16.0	18.0	15.5	16.5	22.0	18.5	20.0	25.5	22.0	23.5
7	17.0	16.5	17.0	15.5	14.0	14.5	18.5	17.0	17.5	23.0	21.0	22.0
8	16.5	15.0	16.0	14.0	11.5	12.5	19.0	16.5	17.5	22.5	19.5	21.0
9	14.5	13.0	14.0	13.0	11.5	12.0	19.0	17.0	18.0	22.0	21.0	21.5
10	13.5	11.5	13.0	14.5	11.0	12.5	17.0	14.5	16.0	23.0	21.5	22.0
11	13.5	11.0	12.5	15.0	12.0	13.5	15.0	13.5	14.5	23.0	20.0	21.5
12	14.5	11.5	13.0	16.5	12.5	14.5	16.5	13.5	14.5	22.5	20.5	21.5
13	15.0	12.0	13.5	17.0	15.0	16.0	17.5	13.5	15.0	22.5	20.0	21.0
14	16.5	14.0	15.0	17.5	15.0	16.0	18.5	15.5	17.0	24.0	21.5	23.0
15	18.0	15.0	16.0	20.0	17.0	18.0	18.0	17.5	17.5	25.0	23.0	24.0
16	19.0	16.5	17.5	20.5	19.0	19.5	20.0	16.5	18.0	25.5	22.0	24.0
17	18.0	15.0	16.5	20.5	18.5	19.5	17.0	15.0	16.0	25.0	22.5	24.0
18	15.0	13.5	14.0	21.5	18.5	20.0	19.0	15.5	17.0	25.5	23.0	24.0
19	14.0	13.0	13.5	22.0	19.5	20.5	21.5	17.5	19.5	24.5	23.0	24.0
20	13.5	13.0	13.5	20.5	18.0	19.5	21.0	19.5	20.0	24.5	22.5	23.5
21	14.0	13.0	13.5	20.0	18.5	19.0	22.5	19.0	20.5	27.0	23.5	25.0
22	14.5	10.5	13.0	19.5	17.0	18.0	23.0	20.0	21.5	27.0	24.5	25.5
23	10.5	10.0	10.0	17.5	14.5	16.0	24.0	21.5	22.5	26.0	24.5	25.5
24	10.0	8.5	9.5	15.5	11.0	13.5	25.0	22.0	23.0	28.0	25.5	26.5
25	10.5	7.5	9.0	11.0	10.5	11.0	25.5	22.5	24.0	28.0	24.5	26.0
26	12.5	9.0	10.5	15.0	10.5	12.0	26.0	23.5	24.5	27.5	25.0	26.0
27	14.5	12.0	13.0	17.5	14.5	16.0	27.0	24.5	25.5	29.0	26.0	27.5
28	14.5	13.5	14.0	20.0	16.0	18.0	27.0	25.0	26.0	29.0	26.5	27.5
29	---	---	---	22.5	18.0	20.5	26.5	24.5	25.5	29.0	26.0	27.5
30	---	---	---	21.5	19.0	20.5	26.0	24.5	25.5	29.5	26.5	28.0
31	---	---	---	23.0	18.5	20.5	---	---	---	30.5	27.5	29.0
MONTH	19.0	7.5	14.0	23.0	10.5	16.0	27.0	13.5	20.0	30.5	19.5	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.5	28.0	29.5	28.5	27.0	28.0	29.5	28.5	29.0	25.0	23.0	23.5
2	30.5	28.0	29.5	29.0	26.5	28.0	29.5	28.5	29.0	27.0	24.5	25.5
3	29.5	28.0	28.5	29.0	27.5	28.0	29.0	28.5	29.0	27.5	26.0	27.0
4	29.5	27.5	28.0	28.5	27.0	28.0	29.5	27.5	28.5	28.0	26.5	27.5
5	29.0	27.0	28.0	29.0	26.5	28.0	30.0	27.5	28.5	27.5	26.5	27.0
6	27.5	27.0	27.0	28.0	23.5	25.5	30.0	28.0	29.0	27.5	23.5	25.5
7	28.5	26.5	27.5	28.0	26.0	27.0	30.0	29.0	29.5	27.0	22.0	24.0
8	28.0	26.5	27.0	29.5	27.0	28.5	29.0	27.5	28.0	27.0	22.0	23.5
9	27.0	25.5	26.5	30.0	27.5	29.0	27.0	26.0	26.5	27.0	22.0	24.0
10	27.5	25.5	26.5	31.0	28.0	29.5	27.0	26.0	26.5	28.0	25.5	26.5
11	28.0	25.5	27.0	31.0	30.0	30.5	26.5	25.5	26.0	28.5	27.0	27.5
12	28.0	25.5	27.0	31.0	29.5	30.0	26.0	24.5	25.0	28.5	26.0	27.0
13	29.0	26.5	27.5	30.5	29.0	30.0	26.5	25.5	26.0	28.5	24.0	26.0
14	29.5	27.5	28.5	30.5	29.5	30.0	27.0	26.0	26.5	26.0	24.5	25.0
15	30.5	28.0	29.0	30.5	28.5	29.5	28.0	26.5	27.5	26.5	24.0	25.5
16	29.0	28.0	28.5	30.0	27.5	28.5	28.5	27.0	28.0	27.0	25.5	26.0
17	29.0	27.5	28.0	29.5	28.5	29.0	29.0	27.5	28.0	27.0	25.5	26.5
18	30.0	27.5	28.5	29.0	27.0	28.0	28.5	27.5	28.0	27.0	25.5	26.5
19	29.0	27.0	28.0	29.0	27.0	28.0	29.5	27.5	28.0	26.0	25.0	25.5
20	27.5	26.0	27.0	28.5	27.0	28.0	30.0	28.5	29.0	25.5	25.0	25.0
21	27.5	25.5	26.5	28.5	26.5	27.5	30.5	28.5	29.5	25.0	24.5	25.0
22	28.5	24.5	27.0	28.5	27.5	28.0	30.5	28.5	29.5	24.5	21.0	21.5
23	26.5	22.5	24.0	28.5	27.0	28.0	30.5	29.5	30.0	22.0	21.0	21.5
24	28.0	25.5	26.5	28.5	26.0	27.5	29.5	28.5	29.0	22.5	21.0	22.0
25	29.0	26.5	27.5	29.5	27.5	28.5	28.5	25.0	27.0	21.5	21.0	21.0
26	29.0	26.5	27.5	29.0	27.5	28.0	25.5	24.5	25.0	23.0	21.5	22.0
27	30.5	27.0	28.5	30.5	27.5	29.0	28.0	24.5	25.5	24.0	22.5	23.5
28	31.5	29.0	30.5	29.0	27.0	28.0	26.5	25.0	25.5	23.5	22.5	23.0
29	30.5	29.5	30.0	31.0	28.0	29.5	26.5	25.0	25.5	25.0	23.0	24.0
30	29.5	28.0	28.5	30.5	28.5	29.5	25.5	23.0	24.5	25.0	24.0	24.5
31	---	---	---	30.0	28.0	29.0	25.5	22.5	23.5	---	---	---
MONTH	31.5	22.5	28.0	31.0	23.5	28.5	30.5	22.5	27.5	28.5	21.0	25.0
YEAR	31.5	7.5	21.0									

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC

LOCATION.--Lat 33°08'52'', long 81°45'01'', Barnwell County, Hydrologic Unit 03060106, on right bank at confluence with Savannah River, 7.6 mi downstream from Upper Three Runs, 9.0 mi upstream from Steel Creek and at mile 150.6.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 46.8°C, Aug. 22, 1983; minimum, 0.5°C, Jan. 8, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 31.0°C, July 11, 12; minimum, 5.0°C, Dec. 13, 14, 18 - 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	12.5	13.0	14.0	12.0	12.5	19.5	15.0	17.0	26.5	23.0	24.5
2	14.0	12.5	13.5	12.0	11.5	12.0	18.0	15.5	16.5	24.5	21.0	22.5
3	15.5	14.0	15.0	11.5	11.0	11.0	19.0	17.0	17.5	23.0	19.0	20.5
4	16.5	15.5	16.5	12.0	11.5	11.5	---	---	---	22.5	19.0	20.5
5	17.0	15.5	16.5	15.5	12.0	13.0	20.0	19.0	19.5	23.0	21.0	22.0
6	15.5	15.0	15.5	17.0	15.5	16.0	19.5	17.5	18.5	23.5	21.0	22.0
7	16.5	15.5	16.0	17.0	13.0	15.0	19.0	16.0	17.0	23.5	20.0	21.0
8	16.5	14.5	15.5	13.0	9.5	11.5	16.5	14.5	15.0	21.0	18.5	19.5
9	14.0	12.0	13.5	9.5	9.0	9.5	16.5	14.5	15.5	21.0	18.5	19.5
10	11.5	10.0	11.0	11.0	10.0	10.5	15.5	12.5	13.5	22.5	18.5	20.0
11	10.0	9.5	10.0	13.0	11.0	12.0	12.5	11.0	11.5	22.0	18.0	19.5
12	---	---	---	15.0	13.5	14.0	14.5	10.5	12.0	20.0	17.5	18.5
13	---	---	---	16.0	15.5	15.5	17.0	12.0	14.0	20.5	18.0	18.5
14	14.5	14.0	14.0	16.0	15.0	15.5	18.5	14.0	16.0	22.5	19.5	20.5
15	16.5	14.5	15.5	19.0	16.5	18.0	18.5	16.5	17.0	25.0	22.5	23.5
16	18.5	16.5	17.5	20.5	19.5	20.0	18.0	15.0	16.5	25.0	22.5	23.5
17	19.0	12.5	16.5	20.5	20.0	20.0	16.5	15.5	16.0	24.0	22.5	23.0
18	12.5	9.0	10.5	21.0	20.0	20.5	18.5	15.0	16.5	24.0	23.0	23.5
19	9.0	8.0	8.5	21.5	20.5	21.0	22.5	18.0	20.0	24.5	22.0	23.5
20	9.5	8.5	9.0	21.0	19.0	20.0	22.5	18.5	20.5	23.0	22.0	22.5
21	12.0	9.5	10.5	19.0	19.0	19.0	22.0	16.5	18.5	25.0	23.0	24.0
22	13.0	12.0	12.5	19.5	17.5	19.0	23.0	18.5	20.5	26.0	24.5	25.0
23	12.0	10.5	11.0	17.5	14.0	16.0	23.5	20.0	21.5	26.0	25.0	25.5
24	10.5	9.0	10.0	14.5	13.0	13.5	25.0	21.5	23.0	26.0	24.5	25.5
25	9.0	7.5	8.0	14.5	14.0	14.5	25.5	22.5	24.0	26.0	25.0	25.5
26	9.5	8.0	8.5	15.5	13.5	14.0	26.0	23.5	25.0	26.5	25.5	26.0
27	12.0	10.0	11.0	18.5	15.5	16.5	26.5	24.5	25.5	28.0	27.0	27.5
28	13.5	12.5	13.0	21.0	17.0	19.0	27.0	25.0	26.0	28.0	27.0	27.5
29	---	---	---	22.5	19.5	21.0	27.0	25.5	26.0	27.0	26.0	27.0
30	---	---	---	23.0	20.5	21.5	27.0	24.5	25.5	27.5	26.5	27.0
31	---	---	---	21.0	19.0	20.0	---	---	---	28.5	27.0	27.5
MONTH	19.0	7.5	13.0	23.0	9.0	16.0	27.0	10.5	19.0	28.5	17.5	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	28.5	29.0	27.5	25.5	26.5	29.0	27.0	28.0	21.5	21.0	21.5
2	30.0	29.0	29.5	27.0	25.5	26.0	28.0	26.5	27.0	22.0	21.0	21.5
3	29.0	28.0	29.0	27.0	26.0	26.5	29.0	27.0	28.0	26.5	21.5	23.5
4	28.5	28.0	28.0	27.5	25.5	26.5	29.0	27.5	28.5	26.5	25.0	25.5
5	29.0	27.5	28.5	27.0	25.0	26.5	29.5	28.0	29.0	26.0	23.0	24.5
6	28.0	24.5	26.5	26.0	23.5	24.5	30.0	28.5	29.5	23.0	21.0	22.5
7	26.5	23.5	25.0	29.0	23.5	26.5	30.0	28.5	29.0	20.5	20.5	20.5
8	27.0	24.5	26.0	29.5	27.0	28.0	28.5	24.5	26.5	21.0	20.5	20.5
9	26.5	24.0	25.0	29.5	27.5	28.5	24.5	23.0	23.5	21.0	20.5	21.0
10	27.5	24.0	25.5	30.5	27.5	29.0	23.0	22.5	23.0	25.5	21.0	22.5
11	27.5	24.5	26.0	31.0	29.0	30.0	24.0	22.5	23.5	26.0	25.0	25.5
12	28.5	26.0	27.0	31.0	29.0	30.0	24.0	23.0	23.5	26.5	24.0	25.0
13	28.5	27.0	28.0	30.0	27.5	29.0	25.5	23.5	24.5	24.5	22.0	23.5
14	28.5	27.5	28.5	29.5	26.5	27.5	26.0	24.5	25.0	22.5	21.5	22.0
15	29.0	28.0	28.5	28.0	27.0	27.5	24.5	24.5	25.5	23.0	21.5	22.5
16	28.0	26.0	27.0	28.5	26.0	27.5	27.5	24.5	25.5	23.0	22.5	22.5
17	26.5	25.0	26.0	28.5	26.0	27.0	28.0	26.0	26.5	26.0	23.0	24.5
18	28.5	25.5	27.0	28.0	24.5	26.5	27.0	25.0	25.5	25.5	23.5	24.5
19	29.0	26.5	27.5	26.5	24.5	25.0	26.5	24.5	26.0	24.0	22.0	23.0
20	27.5	25.5	26.5	26.5	25.0	25.5	26.5	25.5	26.0	22.0	21.5	22.0
21	27.0	24.0	25.5	26.5	24.0	25.0	---	---	---	22.5	22.0	22.0
22	26.5	24.0	25.0	26.5	24.0	25.0	28.5	28.0	28.0	21.5	20.5	21.0
23	23.5	22.5	22.5	24.5	24.0	24.5	29.0	27.5	28.5	22.0	20.5	21.0
24	27.0	23.0	25.5	28.0	24.5	25.5	29.0	25.0	26.5	22.0	20.0	21.0
25	29.0	25.0	27.0	28.0	25.5	26.5	25.0	23.5	24.0	20.0	18.5	19.0
26	29.5	26.5	28.0	26.5	25.5	26.0	26.0	23.0	23.5	19.0	18.5	18.5
27	30.0	27.0	28.5	26.5	25.5	26.0	28.0	26.5	27.0	20.0	19.0	19.5
28	29.5	27.5	28.5	29.0	25.0	27.0	28.0	27.0	27.5	20.0	19.0	19.5
29	30.0	28.0	28.5	29.5	27.0	28.0	27.5	25.0	26.5	21.5	19.5	20.5
30	28.0	26.5	27.0	29.0	27.0	28.0	25.0	22.0	24.0	22.5	22.0	22.0
31	---	---	---	29.0	26.5	28.0	22.0	21.0	21.5	---	---	---
MONTH	30.0	22.5	27.0	31.0	23.5	27.0	30.0	21.0	26.0	26.5	18.5	22.0
YEAR	31.0	5.0	19.0									

02197330 SITE NO. 1 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'00'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--0.13 mi^2.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 1 - 3, Mar. 23 - 24, May 10, June 6, 13, 19, 20, July 1, 4, 5, 11, 28, Sept. 21, which are poor, and periods when discharge was over 19.8 ft^3/s, which are undefined. Flow completely regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 1.30 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft^3/s, Sept. 6, 1980, June 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, probably occurred July 4, gage height, 5.12 ft; minimum daily, 0.19 ft^3/s, Dec. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	.64	.87	1.4	.78	.68	.62	1.6	.89	.59	.79	.86
2	1.6	.89	.97	.43	.68	1.3	.58	1.2	1.8	.66	.95	.74
3	8.0	.50	1.1	1.1	.76	2.1	.36	.90	3.6	.61	.60	.81
4	5.1	.54	1.2	.62	.57	1.1	1.0	1.0	.87	1.0	.51	.83
5	2.5	1.1	1.2	.41	.75	.77	.47	1.1	1.1	1.8	.65	.58
6	3.8	.53	1.0	.70	.69	.82	.87	.80	1.4	1.1	.61	1.1
7	.98	.74	1.1	.39	.53	.86	.62	1.1	1.1	.45	.62	.76
8	1.0	.97	1.1	.42	.86	.78	.90	2.1	1.2	.34	.71	1.2
9	.84	.56	1.2	.58	.75	.62	2.0	1.1	2.2	.58	.93	1.0
10	1.5	.90	.92	.37	.91	.72	3.5	1.6	.93	.67	.75	1.7
11	1.4	.63	1.0	.55	.86	.59	1.6	1.1	1.0	.44	.58	2.4
12	.89	.60	1.0	.43	.76	.52	.77	1.0	.98	.42	.61	1.4
13	.82	.68	.78	.54	.78	.36	.85	.71	.82	1.4	.71	.95
14	.93	.72	1.1	.84	.99	.91	.81	.75	.92	1.3	.96	.77
15	.89	.76	1.0	.50	1.2	.53	1.2	.89	.73	1.4	.55	.95
16	.99	.30	1.5	.77	.79	.51	.71	.66	1.1	1.1	.85	.66
17	.89	.92	.99	.58	.96	.64	.76	1.0	.99	.73	.82	.80
18	1.1	.66	1.1	.70	.85	.47	.76	1.4	.75	.77	.82	.71
19	.84	.65	1.2	.58	.67	.47	.69	1.3	1.5	1.5	.79	1.0
20	1.8	.68	.90	.76	.79	.63	1.2	1.2	3.0	2.1	.93	1.1
21	1.9	.69	.57	.33	1.6	.66	.77	1.1	2.4	1.4	.73	2.6
22	1.5	.53	.62	.57	1.1	.83	.76	1.1	1.1	.97	.65	3.1
23	1.4	.68	.29	.35	.99	2.1	.84	.91	.99	1.5	.94	.82
24	.95	.55	.78	.59	.92	2.0	.83	.90	.61	1.5	.76	1.5
25	.81	.80	.32	.67	.66	.45	.73	1.1	.63	1.2	1.1	1.1
26	.62	.47	.47	.39	.62	.61	.94	1.1	.92	1.3	.74	.93
27	.55	.62	.39	.96	.77	.49	.92	.84	.67	.89	.48	1.6
28	.90	.84	.19	.56	1.1	.43	1.5	.84	.81	1.6	.74	.58
29	.89	.59	.48	.50	---	.60	1.1	.94	.59	1.4	.58	.78
30	.69	.68	.37	.64	---	.41	1.0	.72	.87	1.7	.63	.71
31	1.0	---	.65	.63	---	.69	---	1.2	---	.67	.57	---
TOTAL	48.78	20.42	26.36	18.86	23.69	24.65	29.66	33.26	36.47	33.09	22.66	34.04
MEAN	1.57	.68	.85	.61	.85	.80	.99	1.07	1.22	1.07	.73	1.13
MAX	8.0	1.1	1.5	1.4	1.6	2.1	3.5	2.1	3.6	2.1	1.1	3.1
MIN	.55	.30	.19	.33	.53	.36	.36	.66	.59	.34	.48	.58

CAL YR 1988 TOTAL 342.83 MEAN .94 MAX 8.0 MIN .07
WTR YR 1989 TOTAL 351.94 MEAN .96 MAX 8.0 MIN .19

021973305 HP-52 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'56'', long 81°38'26'', Barnwell County, Hydrologic Unit 03060106, on right downstream culvert wingwall, 400 ft south of SRS Road E, and 700 ft south of H-Area, at Savannah River Site.

PERIOD OF RECORD.--June 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 3, 4, 21, 28, Nov. 2, 14, 17, Dec. 18, 19 31, Jan. 1, Feb. 1, 17, 20, 21, 25 - 28, Mar. 2, 23, Apr. 8, 16 - 18, 20, May 1, 10, June 5, 9, 16, 17, 19 - 21, 25, 26, July 1, 3, 4, 15, 20, 23, 27 - 29, Aug. 3, 17, 18, 25, Sept. 10, 21, 22, 27. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 29, 1984, gage height, 4.07 ft; minimum daily, 0.17 ft^3/s, Jan. 9, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 3.64 ft; minimum daily, 0.17 ft^3/s, Jan. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	2.0	.66	1.2	.28	.42	.37	.98	.68	.92	.66	1.0
2	1.1	2.2	.73	.83	.29	.81	.42	.49	.68	.72	.52	1.3
3	2.8	2.6	.47	1.0	.27	.61	.40	.40	.89	.86	.55	1.4
4	1.0	1.9	.40	.65	.30	.52	.42	.38	.58	2.6	.58	.68
5	.98	1.4	.35	.48	.42	.45	.41	.44	.92	.89	1.0	.62
6	.95	1.5	.36	.56	.49	.43	.46	.37	.78	1.3	1.1	.62
7	.92	1.5	.50	.78	.40	.38	.49	.31	.66	1.2	.66	.61
8	.93	1.3	.37	.40	.38	.55	.71	.31	.65	1.0	.53	1.5
9	.86	1.5	.41	.17	.40	.72	.54	.40	1.1	1.0	.83	2.9
10	.85	1.6	.44	.25	.31	.63	1.2	.75	.82	.99	2.3	2.5
11	.85	1.6	.45	.25	.26	.39	.52	.33	.83	.93	2.3	2.5
12	.91	2.0	.47	.28	.28	.41	.46	.39	.77	1.1	.77	1.9
13	.92	2.0	.42	.27	.28	.49	.48	.35	.79	.74	.38	1.8
14	.81	1.9	.43	.28	.23	.39	.51	.41	.85	.67	.99	1.9
15	.88	1.6	.44	.29	.66	.83	.75	.39	.93	.92	1.8	1.8
16	1.1	1.6	.45	.30	1.5	.85	.61	.39	1.1	.65	1.1	2.0
17	2.1	1.5	.67	.31	.92	.83	.54	.37	.63	.58	.81	.69
18	1.7	.95	.55	.31	.25	.41	.57	.48	.58	.51	.86	.60
19	1.9	.82	.60	.35	.25	.40	.44	.44	1.6	.74	.96	.60
20	2.1	.99	.53	.36	.32	.38	.54	.34	1.2	1.1	1.1	.59
21	2.6	.96	.62	.30	.81	.44	.46	.33	2.6	.55	.89	4.5
22	1.6	1.1	.78	.30	.36	.66	.46	.41	1.6	.53	1.0	2.2
23	1.8	1.6	.79	.34	.37	2.0	.51	.53	1.4	.86	1.2	.86
24	1.6	1.6	.83	.41	.70	.91	.58	.41	1.5	.54	.94	.62
25	1.7	1.4	.91	.47	.46	.91	.47	.40	1.8	.54	.92	.90
26	2.2	1.0	1.0	.51	.44	.90	.50	.61	1.3	.57	.64	1.1
27	1.4	1.0	.91	.45	.43	.58	.56	.83	.75	.66	1.9	1.5
28	1.7	.92	.88	.32	.67	.40	.48	.73	.86	.98	.90	.80
29	1.9	.87	.90	.30	---	.37	.59	.79	.84	.71	.72	1.0
30	2.0	.65	.81	.45	---	.40	.65	.75	.78	.54	1.1	.78
31	2.2	---	1.2	.34	---	.39	---	.69	---	.54	.64	---
TOTAL	45.46	43.56	19.33	13.51	12.73	18.86	16.10	15.20	30.47	26.44	30.65	41.77
MEAN	1.47	1.45	.62	.44	.45	.61	.54	.49	1.02	.85	.99	1.39
MAX	2.8	2.6	1.2	1.2	1.5	2.0	1.2	.98	2.6	2.6	2.3	4.5
MIN	.81	.65	.35	.17	.23	.37	.37	.31	.58	.51	.38	.59

CAL YR 1988 TOTAL 469.09 MEAN 1.28 MAX 3.0 MIN .26
WTR YR 1989 TOTAL 314.08 MEAN .86 MAX 4.5 MIN .17

02197331 H-008 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'54'', long 81°38'46'', Barnwell County, Hydrologic Unit 03060106, 100 ft west of SRS Road E-1, 300 ft south of SRS Road E, 0.3 mi east of intersection of SRS Roads E and 4, at Savannah Site Plant.

PERIOD OF RECORD.--April 1984 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: Oct. 3, 29 to Nov. 3, Dec. 31, Mar. 23, May 1, 10, June 8, 9, 19, 20, 26, July 4, 20, 27, 29, Sept. 21, 22. Records poor. Discharge over 7.0 ft^3/s, are undefined. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 4, 1989, gage height, 3.37 ft; minimum daily, 0.39 ft^3/s, Oct. 23, 26, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 3.37 ft; minimum daily, 0.40 ft^3/s, Mar. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	2.4	1.1	1.3	.44	.59	.43	1.3	.80	1.1	.82	1.4
2	1.3	2.3	1.0	1.1	.45	.92	.45	.79	.80	.81	.60	1.8
3	3.1	2.8	.85	1.4	.43	1.1	.47	.55	.98	1.1	.67	1.8
4	1.1	2.1	.79	.93	.48	.75	.49	.48	.66	4.7	.54	.81
5	1.1	2.2	.82	.78	.55	.67	.49	.62	1.3	2.3	.62	.69
6	1.2	1.8	.82	.81	.65	.56	.52	.62	1.1	1.2	.62	.68
7	1.2	1.8	.93	.84	.54	.49	.60	.54	1.0	.87	.51	.65
8	1.2	1.7	.81	.62	.50	.66	1.3	.54	1.0	.75	.46	1.7
9	1.3	1.8	.92	.63	.49	.82	1.2	.65	1.6	.76	.72	3.1
10	1.4	1.7	.89	.76	.43	.66	2.5	1.4	1.2	.77	2.5	2.8
11	1.6	1.8	.87	.72	.41	.46	1.2	.65	1.0	.70	3.0	2.6
12	1.9	1.9	.80	.70	.46	.45	.67	.64	.88	.90	1.4	2.0
13	2.0	1.9	.81	.68	.48	.48	.59	.60	.89	.74	.94	1.8
14	2.3	2.0	.88	.72	.45	.45	.63	.63	.98	.70	1.4	1.8
15	2.3	1.9	.79	.69	.75	.81	1.1	.65	1.1	1.3	2.1	1.8
16	3.0	1.7	.92	.62	1.4	.91	.85	.61	1.3	.82	1.1	1.9
17	2.6	1.9	1.0	.63	1.2	.84	.69	.59	.86	.68	.61	.58
18	2.7	1.2	.72	.60	.47	.46	.69	.68	.64	.59	.75	.49
19	2.9	1.2	.73	.62	.53	.45	.62	.66	1.9	.98	.68	.48
20	3.2	1.3	.77	.68	.82	.44	.72	.61	1.5	2.2	.70	.54
21	3.3	1.3	.87	.67	1.3	.49	.62	.56	3.8	.90	.60	5.8
22	3.1	1.4	.88	.63	.78	.64	.62	.66	2.2	.73	.66	3.5
23	2.5	1.8	.90	.64	.66	2.2	.65	.76	1.7	1.3	.71	1.3
24	2.3	1.7	.86	.68	1.0	1.5	.67	.66	1.7	.84	.59	.75
25	2.4	1.4	1.0	.67	.76	.61	.59	.67	2.3	.71	1.1	1.1
26	2.5	1.3	.87	.65	.76	.64	.61	.81	1.5	.70	.68	1.4
27	2.5	1.2	.89	.60	.66	.50	.64	.95	.77	1.1	2.0	2.2
28	2.4	1.3	.86	.48	.88	.40	.58	.84	.86	1.9	1.2	.92
29	2.1	1.1	.85	.52	---	.44	.65	.87	.93	1.3	.98	1.3
30	2.4	1.1	.82	.60	---	.51	.70	.86	.88	.83	1.6	1.1
31	2.3	---	1.6	.53	---	.50	---	.81	---	.72	1.1	---
TOTAL	66.3	51.0	27.62	22.50	18.73	21.40	22.54	22.26	38.13	35.00	31.96	48.79
MEAN	2.14	1.70	.89	.73	.67	.69	.75	.72	1.27	1.13	1.03	1.63
MAX	3.3	2.8	1.6	1.4	1.4	2.2	2.5	1.4	3.8	4.7	3.0	5.8
MIN	1.1	1.1	.72	.48	.41	.40	.43	.48	.64	.59	.46	.48

CAL YR 1988 TOTAL 580.08 MEAN 1.58 MAX 4.1 MIN .48
WTR YR 1989 TOTAL 406.23 MEAN 1.11 MAX 5.8 MIN .40

02197332 SITE NO. 2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'50'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, on woods road 300 ft south south of SRS Road E and 2,700 ft southwest of H-Area, at Savannah River Site.

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.--Estimated daily discharges: Nov. 8 to Dec. 2, July 7 to Aug. 7, Sept. 3 - 30, and those periods when discharge was over 16 ft^3/s, which are undefined. Records poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 1.67 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 27, 1974, gage height, 9.61 ft; minimum daily, 0.24 ft^3/s, Dec. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 7.23 ft; minimum daily, 0.33 ft^3/s, Aug. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	3.3	2.2	2.8	.55	1.2	.35	2.0	1.1	1.7	1.9	1.7
2	1.0	2.9	1.5	2.3	.69	1.8	.34	1.3	1.1	1.7	1.5	2.1
3	5.8	2.9	1.1	2.9	.62	2.2	.47	.82	1.4	1.8	1.3	2.3
4	2.3	2.7	.60	2.1	.77	1.6	.63	.72	.94	5.6	1.1	1.8
5	1.9	3.2	.68	1.7	.97	1.4	.69	.81	1.5	7.2	1.0	1.6
6	1.8	2.7	.81	1.7	1.2	1.2	.74	.83	1.7	2.5	.90	1.6
7	1.6	2.7	1.6	1.7	.91	1.1	.88	.52	1.5	1.6	.45	1.4
8	1.6	2.5	.99	1.2	.84	1.4	1.5	.50	1.6	1.5	.33	2.4
9	1.4	2.6	1.6	1.4	.85	1.6	2.0	.79	3.3	1.2	.69	4.3
10	1.6	2.5	1.5	1.7	.59	1.4	4.2	2.2	1.9	1.1	2.6	4.0
11	1.7	2.6	1.5	1.5	.52	.82	2.3	.86	1.7	1.0	3.0	3.9
12	1.8	3.1	1.4	1.4	.73	.75	1.4	.83	1.6	1.4	1.6	3.1
13	1.8	3.1	1.4	1.4	.75	.90	1.2	.73	1.6	1.2	1.0	2.0
14	1.8	3.3	1.5	1.5	.71	.67	1.3	.71	1.6	1.3	1.7	2.1
15	2.0	3.0	1.3	1.4	1.5	1.6	2.0	.69	1.7	1.8	2.5	2.1
16	2.3	2.6	1.7	1.3	2.4	1.6	1.5	.55	1.9	1.7	1.3	2.3
17	2.8	3.0	1.9	1.3	2.0	1.5	1.3	.54	1.5	1.5	.81	1.9
18	2.6	2.4	1.3	1.3	.66	.46	1.3	.81	1.3	1.5	1.0	1.2
19	2.8	2.3	1.4	1.2	.77	.34	1.2	.65	3.1	1.9	.75	1.0
20	2.8	2.2	1.5	1.3	1.3	.55	1.3	.53	3.3	3.0	.77	1.1
21	3.4	2.3	1.7	1.2	2.6	.83	1.1	.44	4.1	2.1	.51	8.6
22	2.5	2.6	1.8	1.0	1.6	1.1	1.1	.62	3.3	1.5	.57	6.0
23	2.7	2.6	1.9	1.2	1.4	3.7	1.2	.92	2.8	1.7	.70	1.6
24	2.7	2.5	1.9	1.3	2.0	3.2	1.2	.59	2.8	1.4	.52	1.2
25	2.8	2.2	2.1	1.2	1.6	1.8	1.0	.64	2.8	1.6	.85	1.5
26	3.0	2.1	1.8	1.1	1.7	1.7	.99	1.2	2.3	1.0	.55	1.9
27	2.1	2.2	1.9	1.1	1.5	1.2	.78	1.4	1.6	2.8	2.2	2.9
28	3.4	2.3	1.8	.48	1.8	.83	.40	1.2	1.7	1.7	1.5	1.7
29	3.3	2.0	1.9	.53	---	.71	.75	1.3	1.7	1.4	1.2	2.2
30	3.3	2.0	1.8	1.1	---	.69	.72	1.3	1.6	1.2	1.8	2.1
31	3.6	---	3.3	.88	---	.55	---	1.2	---	1.5	1.4	---
TOTAL	75.3	78.4	49.38	44.19	33.53	40.40	35.84	28.20	60.04	60.1	38.00	73.6
MEAN	2.43	2.61	1.59	1.43	1.20	1.30	1.19	.91	2.00	1.94	1.23	2.45
MAX	5.8	3.3	3.3	2.9	2.6	3.7	4.2	2.2	4.1	7.2	3.0	8.6
MIN	1.0	2.0	.60	.48	.52	.34	.34	.44	.94	1.0	.33	1.0

CAL YR 1988 TOTAL 684.27 MEAN 1.87 MAX 5.8 MIN .58
WTR YR 1989 TOTAL 616.98 MEAN 1.69 MAX 8.6 MIN .33

02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'31'', long 81°39'12'', Barnwell County, Hydrologic Unit 03060106, located on Fourmile Creek, at right bank, on downstream side of bridge on SRS Road 4, 0.8 mi southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--5.95 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 fair, except for estimated daily discharges: Nov. 3 to Dec. 2, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 7.16 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 153 ft^3/s, July 4, 1989, gage height, 4.26 ft; minimum daily, 0.61 ft^3/s, June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 153 ft^3/s, July 4, gage height, 4.26 ft; minimum daily, 1.4 ft^3/s, Sept. 18, 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.3	4.7	3.5	6.7	2.2	3.5	3.2	9.1	3.1	5.0	4.0	2.8
2	4.6	4.0	3.1	4.0	2.9	6.3	3.1	6.1	3.8	4.6	3.6	2.7
3	17	4.5	3.0	6.1	2.4	9.9	3.0	3.3	3.8	4.9	3.3	2.6
4	7.2	4.4	2.7	4.1	2.3	5.6	3.3	3.2	2.3	16	2.9	2.1
5	5.4	6.5	2.9	3.6	3.0	5.3	3.4	3.8	3.5	22	2.8	1.9
6	4.3	4.9	2.8	3.1	3.9	4.0	2.9	3.2	3.6	9.6	2.6	2.1
7	2.9	4.7	3.1	2.9	3.4	3.7	3.3	2.8	3.2	7.0	2.5	2.1
8	3.0	4.7	2.9	2.3	2.4	3.6	6.9	2.7	3.4	5.5	2.5	2.7
9	2.4	4.5	3.3	2.7	3.1	3.4	10	3.6	17	4.7	2.6	3.6
10	3.0	4.7	3.2	3.1	2.9	3.2	23	12	6.6	4.0	4.4	4.8
11	2.9	5.0	3.1	2.7	2.3	2.6	15	5.4	5.4	3.7	4.4	3.8
12	2.5	5.1	3.7	2.8	2.4	3.1	8.4	3.6	3.7	3.9	3.2	2.9
13	2.7	4.8	2.7	2.6	2.4	3.5	6.6	2.7	3.4	4.5	2.9	2.3
14	2.5	6.0	3.2	2.9	2.4	4.5	5.9	3.1	3.3	4.1	3.2	2.5
15	2.6	4.6	2.8	2.8	3.3	5.5	8.5	2.7	3.2	5.4	3.9	2.3
16	3.1	4.3	3.5	2.7	5.0	3.5	6.2	2.4	4.0	7.0	3.0	2.5
17	3.4	6.2	3.5	2.7	4.2	3.2	5.2	2.5	3.8	4.4	2.7	1.6
18	3.1	4.8	2.8	2.7	2.3	2.3	4.4	2.8	3.2	4.3	2.6	1.4
19	3.5	4.1	2.9	3.0	2.4	1.9	4.3	2.7	18	4.2	2.8	1.4
20	4.1	4.3	3.1	3.2	3.4	2.0	4.6	2.4	18	12	2.8	1.9
21	5.4	4.2	2.8	2.5	8.4	2.4	4.1	2.3	16	7.7	2.4	18
22	4.0	4.2	3.0	2.5	6.2	3.1	3.6	3.1	16	5.2	2.3	24
23	3.6	4.9	2.6	2.7	3.7	14	3.6	2.3	11	7.4	2.5	4.9
24	3.3	5.0	3.1	3.8	4.3	16	3.6	5.5	8.2	6.1	2.3	2.8
25	3.2	4.1	2.9	3.4	3.6	6.7	3.3	2.2	9.2	4.2	2.7	2.6
26	3.4	4.1	2.7	2.8	3.7	6.6	3.3	2.5	7.2	3.6	2.4	3.2
27	2.8	4.4	2.9	3.1	3.1	5.1	3.5	2.8	4.9	3.2	3.0	3.0
28	4.3	4.1	2.7	2.4	5.2	4.2	3.7	2.5	4.9	15	2.7	1.9
29	4.1	4.2	3.0	2.3	---	3.9	3.1	2.6	5.0	5.8	2.3	2.4
30	4.2	3.5	2.7	2.8	---	3.8	3.0	2.3	5.1	5.0	2.6	2.0
31	4.9	---	8.3	2.7	---	3.7	---	2.5	---	3.6	2.3	---
TOTAL	128.7	139.5	98.5	97.7	96.8	150.1	166.0	110.7	203.8	203.6	90.2	114.8
MEAN	4.15	4.65	3.18	3.15	3.46	4.84	5.53	3.57	6.79	6.57	2.91	3.83
MAX	17	6.5	8.3	6.7	8.4	16	23	12	18	22	4.4	24
MIN	2.4	3.5	2.6	2.3	2.2	1.9	2.9	2.2	2.3	3.2	2.3	1.4

CAL YR 1988 TOTAL 1569.5 MEAN 4.29 MAX 18 MIN 1.6
WTR YR 1989 TOTAL 1600.4 MEAN 4.38 MAX 24 MIN 1.4

02197336 SITE NO. 4 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'21'', long 81°39'55'', Barnwell County, Hydrologic Unit 03060106, on Four Mile Creek at left bank, 300 ft above SRS Road C, 0.8 mi downstream of Site 3, 0.8 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--6.96 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. 3, Mar. 23, 24, May 3 - 16, June 20, July 4 to Aug. 1, Aug. 3, 4, Sept. 22, 23, 25 - 27, 29. Records poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 8.19 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Sept. 18, 1982, gage height, 5.41 ft; minimum daily, 1.6 ft^3/s, May 17, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 5.05 ft; minimum daily, 1.8 ft^3/s, Aug. 2, 7, Sept. 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	6.2	2.8	12	3.1	3.9	3.0	11	5.1	3.0	2.2	3.6
2	2.9	5.5	2.6	4.3	3.1	9.0	3.0	4.6	5.4	2.9	1.8	3.5
3	25	5.2	2.6	7.2	2.8	14	2.9	3.3	5.8	3.0	1.9	3.8
4	10	5.1	2.9	4.8	2.5	7.4	3.0	3.2	5.3	17	1.9	3.5
5	4.0	6.9	2.8	3.9	2.9	6.0	2.8	3.8	5.8	22	2.0	3.4
6	4.0	5.3	2.8	3.7	3.6	4.8	2.9	3.2	6.6	9.6	2.0	3.6
7	3.0	5.2	3.0	3.3	2.9	4.3	3.2	2.8	6.3	7.0	1.8	3.7
8	2.9	5.2	2.9	3.0	2.5	4.8	6.3	2.7	6.6	5.5	1.9	3.7
9	2.9	4.9	2.8	2.9	2.7	4.5	16	3.6	11	4.7	2.3	4.2
10	3.0	5.2	2.8	3.2	2.6	4.2	38	21	5.9	4.0	2.9	4.9
11	3.1	5.3	2.8	3.0	2.5	3.6	19	6.8	5.7	3.7	3.1	4.7
12	2.9	5.5	3.0	2.8	2.4	3.5	8.2	2.0	5.4	3.9	2.9	4.1
13	2.6	5.2	2.7	3.0	2.3	3.6	6.3	2.2	5.2	4.5	2.3	3.3
14	3.0	6.1	2.9	3.0	2.3	4.4	5.7	2.2	5.4	4.1	2.7	3.5
15	3.0	5.2	2.8	3.1	2.3	5.4	10	1.9	5.4	5.4	3.1	3.9
16	3.0	4.6	3.3	2.9	3.0	4.5	6.2	1.9	6.1	7.0	2.8	4.0
17	3.2	5.9	3.2	3.0	2.8	4.1	4.8	1.9	6.0	4.4	2.3	3.9
18	3.2	4.5	2.8	3.0	2.4	2.9	4.1	2.1	5.5	4.3	2.5	3.3
19	3.2	4.1	2.8	3.2	2.3	2.7	4.0	2.5	18	15	2.6	3.4
20	3.9	4.1	2.9	3.4	2.8	3.0	4.5	2.6	25	15	2.5	3.4
21	5.1	4.2	2.6	2.9	10	3.2	3.5	2.9	10	7.7	2.4	11
22	4.2	4.1	2.6	2.7	7.3	3.4	2.9	3.3	6.7	5.2	2.4	23
23	4.2	5.0	2.4	3.0	4.6	22	2.7	3.1	5.2	7.4	2.5	10
24	4.1	4.6	2.4	3.7	5.1	27	2.6	3.8	4.1	6.1	2.8	3.0
25	4.1	4.4	2.1	3.8	4.3	7.1	2.3	3.3	4.4	4.2	3.3	2.0
26	4.7	3.8	2.2	3.7	4.2	6.6	2.1	3.8	4.0	3.6	3.1	2.0
27	4.5	3.7	2.3	3.7	3.7	5.6	2.1	4.3	2.8	3.2	3.4	1.8
28	4.8	3.9	2.1	3.4	5.4	4.2	2.2	4.3	2.6	15	3.4	2.0
29	4.9	3.5	2.2	3.4	---	4.1	2.1	4.6	3.2	5.8	3.2	2.0
30	5.0	2.7	2.2	3.7	---	3.5	2.0	4.7	3.5	5.0	3.6	1.9
31	6.0	---	9.3	3.3	---	3.2	---	5.0	---	3.6	3.3	---
TOTAL	143.2	145.1	89.6	116.0	98.4	190.5	178.4	128.4	198.0	212.8	80.9	134.1
MEAN	4.62	4.84	2.89	3.74	3.51	6.15	5.95	4.14	6.60	6.86	2.61	4.47
MAX	25	6.9	9.3	12	10	27	38	21	25	22	3.6	23
MIN	2.6	2.7	2.1	2.7	2.3	2.7	2.0	1.9	2.6	2.9	1.8	1.8

CAL YR 1988 TOTAL 1770.5 MEAN 4.84 MAX 25 MIN 2.1
WTR YR 1989 TOTAL 1715.4 MEAN 4.70 MAX 38 MIN 1.8

02197338 SITE NO. 5 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'50'', long 81°40'15'', Aiken County, Hydrologic Unit 03060106, at upstream end of pipe culvert at SRS Road E, 600 ft southeast of Area F, 0.5 mi east of SRS Road C, at Savannah River Site.

DRAINAGE AREA.--0.28 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except estimated daily discharges: Oct. 3, Feb. 22 - 27, Mar. 23 - 24, May 30 - 31, June 1 - 2, 19 - 20, July 4, Sept. 22, which are poor, and periods when discharge was over 16 ft^3/s, which are undefined. Flow completely regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 2.78 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 5, 1974, gage height, 7.94 ft; minimum daily, 0.70 ft^3/s, Nov. 5, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 5.44 ft; minimum daily, 2.1 ft^3/s, Oct. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	4.8	2.4	6.2	3.5	3.2	2.6	6.0	2.5	3.2	3.2	3.5
2	3.6	3.9	2.5	3.9	3.5	4.6	2.9	4.0	2.2	3.0	3.0	3.6
3	6.8	4.0	3.0	5.6	3.5	7.6	2.8	2.7	2.3	4.6	3.2	3.7
4	6.0	3.8	4.0	4.2	3.5	4.5	2.6	4.0	2.3	9.5	3.5	3.7
5	4.2	5.0	3.9	3.8	3.7	4.4	2.8	4.5	2.9	3.4	3.4	4.0
6	3.3	3.3	3.9	3.8	4.2	3.9	2.9	3.5	2.7	3.3	3.0	4.0
7	3.5	3.4	4.1	3.9	3.9	3.3	2.9	2.6	2.5	3.2	2.5	4.0
8	3.2	3.4	4.1	3.8	3.9	4.3	3.9	2.7	3.7	2.8	3.7	4.4
9	3.4	3.4	3.8	3.5	3.7	4.3	6.9	2.9	10	3.1	2.9	3.5
10	3.3	3.4	3.7	3.7	3.8	3.7	9.6	6.3	2.7	2.7	2.7	3.2
11	3.2	3.6	3.7	3.6	3.7	3.6	5.2	2.8	2.9	3.0	2.6	3.1
12	2.9	3.7	3.7	3.6	3.4	3.3	3.8	3.1	3.5	3.1	2.6	3.1
13	2.1	3.5	3.5	3.7	3.4	3.1	3.1	3.4	3.3	2.2	2.9	3.0
14	3.3	3.4	3.7	3.7	3.4	3.4	3.0	3.0	2.9	2.9	3.6	3.0
15	3.0	3.4	3.8	3.9	3.4	4.2	6.5	2.9	3.4	6.6	3.5	5.2
16	3.1	3.4	4.0	3.7	3.3	4.5	3.0	3.0	3.7	3.6	3.4	5.9
17	3.1	4.2	3.7	3.9	3.3	4.7	3.6	3.0	3.1	3.4	3.4	4.3
18	2.9	3.5	4.1	4.0	3.5	3.4	3.5	3.4	3.2	3.3	3.6	3.9
19	3.1	3.6	3.9	4.0	3.5	3.2	4.3	2.9	7.0	4.0	3.8	3.1
20	3.5	3.6	4.2	4.0	3.7	3.7	4.2	2.7	6.8	6.1	3.5	2.9
21	4.2	3.7	4.1	4.0	7.9	3.8	3.1	3.0	4.3	3.2	3.6	17
22	3.4	3.6	4.0	3.6	4.3	3.7	3.1	3.6	4.4	3.1	3.5	7.0
23	3.4	3.9	4.5	3.4	4.4	7.0	2.8	3.4	3.3	4.9	3.7	3.6
24	3.0	3.8	4.3	3.5	4.4	5.9	2.7	3.0	3.9	4.3	4.1	3.4
25	3.2	3.6	4.0	3.4	3.7	3.9	2.5	2.8	4.1	4.0	4.1	3.6
26	4.3	3.6	3.8	3.5	3.8	3.8	2.4	2.7	4.2	3.4	3.5	3.6
27	5.7	3.6	3.9	3.6	3.4	4.0	2.2	2.8	4.3	3.3	2.8	3.5
28	3.5	3.9	3.8	3.5	3.4	3.6	2.3	2.8	3.2	7.2	3.9	3.4
29	3.7	3.5	3.9	3.5	---	3.9	2.5	2.8	3.5	2.9	3.5	3.5
30	4.0	2.6	3.9	3.5	---	2.7	2.7	2.6	3.5	2.9	3.5	3.4
31	4.7	---	6.0	3.5	---	2.6	---	2.7	---	3.2	3.3	---
TOTAL	113.9	110.1	119.9	119.5	107.1	125.8	106.4	101.6	112.3	119.4	103.5	127.1
MEAN	3.67	3.67	3.87	3.85	3.82	4.06	3.55	3.28	3.74	3.85	3.34	4.24
MAX	6.8	5.0	6.0	6.2	7.9	7.6	9.6	6.3	10	9.5	4.1	17
MIN	2.1	2.6	2.4	3.4	3.3	2.6	2.2	2.6	2.2	2.2	2.5	2.9

CAL YR 1988 TOTAL 1241.0 MEAN 3.39 MAX 9.1 MIN 1.9
WTR YR 1989 TOTAL 1366.6 MEAN 3.74 MAX 17 MIN 2.1

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'29'', long 81°40'06'', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRS Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--0.57 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.--Records fair, except for estimated daily discharges: Oct. 3, Dec. 31, Feb. 21, Mar. 23, May 1, 10, June 9, 19, 20, July 4, 15, 28, Sept. 21, 22, and those over 35 ft^3/s, which are poor.

AVERAGE DISCHARGE.--9 years, 3.53 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Aug. 20, 1986, gage height, 4.12 ft; minimum daily, 0.91 ft^3/s, Nov. 5, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 3.83 ft; minimum daily, 2.2 ft^3/s, Oct. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	5.2	2.5	5.6	3.8	3.5	3.2	6.2	2.6	3.4	3.3	4.1
2	3.6	4.6	2.5	4.9	3.8	5.6	3.4	3.1	2.3	3.3	3.3	4.3
3	7.9	4.6	3.0	6.2	3.7	5.2	3.3	3.2	2.3	4.3	3.4	4.5
4	6.4	4.6	3.7	5.0	3.8	4.8	3.3	4.9	2.4	11	3.8	4.6
5	3.7	5.9	3.5	4.8	4.2	4.2	3.3	5.1	2.9	5.4	3.6	5.0
6	3.6	4.3	3.6	4.7	4.3	3.9	3.4	3.3	2.9	4.1	3.3	4.8
7	3.6	4.3	3.8	4.8	4.1	3.7	3.4	2.9	2.6	4.0	2.7	4.6
8	3.3	4.2	3.9	4.5	4.1	4.7	6.0	3.0	3.1	3.6	4.1	4.8
9	3.5	4.2	3.8	4.3	3.9	3.9	4.8	3.4	12	3.9	3.2	4.0
10	3.3	4.3	3.8	4.5	3.9	3.7	8.9	6.5	2.9	3.5	3.0	3.5
11	3.2	4.6	3.9	4.4	3.7	3.5	4.7	3.2	3.1	4.0	2.9	3.5
12	2.7	4.5	4.1	4.3	3.5	3.3	4.0	3.7	3.5	3.9	2.9	3.5
13	2.2	4.3	4.0	4.3	3.5	3.2	3.3	3.5	3.4	3.3	3.2	3.4
14	3.3	4.2	4.3	4.4	3.5	3.5	3.3	3.1	3.0	4.1	4.0	3.6
15	3.0	4.1	4.5	4.5	3.3	4.2	5.3	3.1	3.4	7.0	4.1	5.8
16	3.2	4.0	4.8	4.4	3.3	4.6	3.3	3.1	3.7	3.6	4.0	6.4
17	3.0	5.2	4.7	4.5	3.4	4.7	3.8	3.2	3.3	3.3	3.9	4.8
18	2.9	4.1	4.7	4.5	3.6	3.3	3.6	3.8	3.2	3.2	4.1	4.3
19	3.0	4.2	4.6	4.4	3.5	3.6	4.4	2.8	7.3	4.2	4.4	3.3
20	3.8	4.1	4.8	4.4	3.9	4.0	4.0	2.9	7.0	6.3	4.1	3.0
21	4.6	4.3	4.8	4.3	8.2	4.1	3.0	3.1	5.1	4.1	4.1	20
22	3.4	4.2	4.8	4.0	4.9	4.1	2.9	3.7	5.1	4.1	3.9	7.2
23	3.4	4.6	5.1	3.8	4.5	7.5	2.7	3.4	3.8	5.8	4.2	4.1
24	3.3	4.1	4.8	3.8	4.5	5.4	2.5	3.0	4.3	5.7	4.6	3.7
25	3.5	4.0	4.5	3.7	4.0	4.6	2.4	2.8	4.2	5.7	4.4	4.0
26	5.2	3.9	4.3	3.7	3.9	4.4	2.4	2.8	4.2	4.9	3.9	4.0
27	5.0	3.9	4.4	3.9	3.5	4.4	2.3	2.8	4.3	4.4	3.1	3.9
28	4.0	4.1	4.4	3.8	4.2	4.2	2.5	2.7	3.3	7.4	4.4	3.7
29	4.3	3.4	4.4	3.8	---	4.0	2.7	2.7	3.6	2.8	4.1	3.7
30	4.6	2.6	4.4	3.9	---	3.1	2.7	2.6	3.7	2.9	4.0	3.5
31	5.8	---	7.3	3.9	---	3.0	---	2.7	---	3.3	3.7	---
TOTAL	119.5	128.6	131.7	136.0	112.5	129.9	108.8	106.3	118.5	140.5	115.7	143.6
MEAN	3.85	4.29	4.25	4.39	4.02	4.19	3.63	3.43	3.95	4.53	3.73	4.79
MAX	7.9	5.9	7.3	6.2	8.2	7.5	8.9	6.5	12	11	4.6	20
MIN	2.2	2.6	2.5	3.7	3.3	3.0	2.3	2.6	2.3	2.8	2.7	3.0

CAL YR 1988 TOTAL 1350.5 MEAN 3.69 MAX 10 MIN 1.9
WTR YR 1989 TOTAL 1491.6 MEAN 4.09 MAX 20 MIN 2.2

02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'23'', long 81°40'05'', Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRS Road C, and 0.7 mi southeast of F-Area, at Savannah River Site.

DRAINAGE AREA.--7.53 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, estimated daily discharges: Oct. 28 to Nov. 2, Aug. 16 to Sept.1, 14 - 20, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 12.6 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 288 ft^3/s, Nov. 2, 1980, gage height, 5.15 ft; maximum gage height, 5.80 ft, July 4, 1989, (backwater from beaver dam), minimum daily, 3.4 ft^3/s June 4, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 5.80 ft, (backwater from beaver dam); minimum daily, 3.4 ft^3/s, June 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	8.5	6.8	25	7.6	9.2	6.8	23	3.5	5.9	7.7	6.7
2	7.3	8.5	6.3	12	7.3	16	7.0	15	4.0	5.1	8.5	7.3
3	35	8.6	6.4	18	6.9	27	6.4	6.4	4.5	6.7	7.6	8.2
4	23	8.6	7.3	13	5.8	17	6.9	7.0	3.4	34	7.1	7.2
5	10	12	7.3	10	6.6	14	6.4	8.7	4.3	51	7.2	7.8
6	10	9.7	7.2	9.5	8.8	12	6.8	5.7	4.9	16	6.3	8.2
7	7.2	9.5	7.7	8.6	6.7	10	7.8	4.6	4.1	14	5.2	8.4
8	6.7	9.7	7.3	7.6	5.9	12	13	4.5	4.3	10	6.3	9.3
9	6.6	9.3	7.1	7.2	5.8	11	32	6.2	33	9.2	5.8	9.5
10	6.7	9.9	7.0	7.9	5.8	10	56	28	10	7.6	7.6	11
11	6.8	10	7.3	7.3	5.6	8.4	37	10	7.1	7.7	8.1	9.5
12	6.2	11	7.8	7.1	5.3	7.9	22	6.7	5.6	8.0	7.1	8.0
13	5.4	11	6.8	7.5	5.1	8.1	17	5.1	4.8	10	5.5	6.2
14	6.2	12	7.1	7.7	5.0	10	15	4.6	4.4	8.7	7.1	6.8
15	6.0	11	7.0	7.9	4.9	13	24	4.7	4.5	12	8.1	7.2
16	6.1	9.6	8.5	7.3	6.5	11	17	4.1	5.9	15	6.5	8.5
17	6.4	13	8.2	7.6	6.1	9.5	13	4.2	5.1	9.6	6.2	8.0
18	6.2	9.6	7.2	7.4	5.0	6.2	11	4.6	4.1	9.0	6.4	6.5
19	6.1	8.9	7.0	7.8	4.9	5.9	11	4.0	27	9.9	6.2	5.7
20	7.4	9.0	7.1	8.5	6.1	6.5	13	3.9	39	24	6.5	5.5
21	10	9.3	6.3	7.0	19	7.0	9.2	3.8	38	19	6.0	30
22	7.9	9.1	6.3	6.7	17	7.6	7.5	4.9	24	12	5.6	53
23	7.9	12	6.0	7.6	11	31	7.2	3.9	16	18	5.2	14
24	7.3	11	6.0	9.5	13	40	6.8	6.7	13	18	5.8	7.9
25	7.2	10	5.1	9.6	10	17	5.7	3.8	13	12	6.1	6.9
26	8.5	9.1	5.1	9.4	10	16	5.3	3.7	12	10	7.9	7.3
27	8.1	9.0	5.2	9.4	8.8	13	5.0	3.8	7.9	8.6	6.2	8.7
28	8.5	9.6	4.8	8.6	13	10	5.7	3.7	6.2	30	6.5	5.9
29	7.5	8.7	5.1	8.7	---	9.5	5.3	3.6	7.3	11	6.1	5.8
30	8.0	6.5	5.1	9.4	---	8.1	5.0	3.5	7.5	11	5.5	5.7
31	10	---	14	8.3	---	7.5	---	3.6	---	7.5	5.7	---
TOTAL	273.3	293.7	213.4	289.1	223.5	391.4	391.8	206.0	328.4	430.5	203.6	300.7
MEAN	8.82	9.79	6.88	9.33	7.98	12.6	13.1	6.65	10.9	13.9	6.57	10.0
MAX	35	13	14	25	19	40	56	28	39	51	8.5	53
MIN	5.4	6.5	4.8	6.7	4.9	5.9	5.0	3.5	3.4	5.1	5.2	5.5

CAL YR 1988 TOTAL 3827.8 MEAN 10.5 MAX 45 MIN 4.8
WTR YR 1989 TOTAL 3545.4 MEAN 9.71 MAX 56 MIN 3.4

021973405 C-001 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°15'13'', long 81°40'53'', Barnwell County, Hydrologic Unit 03060106, near right bank, on upstream side of culvert, 10 ft east of dirt road SRS A-6, 1000 ft northwest of C-Area, 0.6 mi upstream of Fourmile Creek, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 245 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 3, Dec. 31, Feb. 21, Mar. 23, Apr. 8, May 1, June 8, 9, 19, 20, 29, July 4, 12, 20, Aug. 19, Sept. 21, 22. Records poor. Flow completely regulated by Savannah River Site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 1, 1984, gage height, 3.59 ft; no flow July 29, 30, 1988, Jan. 2, 20 - 23, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Sept. 21, gage height, 1.74 ft; no flow Jan. 2, 22 - 23.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.04	.02	.04	.01	.01	.03	.07	.02	.02	.02	.01
2	.03	.03	.02	.0	.01	.12	.01	.04	.02	.01	.02	.01
3	.07	.03	.02	.08	.01	.10	.01	.03	.02	.04	.02	.02
4	.04	.03	.02	.01	.01	.06	.01	.03	.02	.09	.02	.02
5	.04	.07	.02	.01	.01	.05	.02	.03	.03	.05	.02	.02
6	.04	.04	.01	.01	.02	.02	.03	.03	.04	.08	.02	.01
7	.03	.04	.01	.01	.01	.01	.02	.03	.03	.03	.02	.01
8	.03	.04	.01	.01	.01	.01	.04	.02	.03	.03	.02	.01
9	.03	.04	.02	.01	.01	.01	.08	.04	.08	.03	.01	.01
10	.03	.04	.01	.02	.01	.01	.26	.20	.04	.02	.01	.01
11	.02	.04	.01	.01	.01	.01	.07	.03	.03	.02	.01	.01
12	.02	.04	.01	.01	.01	.01	.05	.02	.02	.04	.01	.01
13	.02	.03	.01	.01	.01	.01	.04	.01	.02	.03	.01	.01
14	.02	.03	.01	.01	.01	.01	.03	.01	.02	.02	.01	.01
15	.02	.02	.01	.01	.01	.01	.10	.02	.02	.07	.01	.01
16	.02	.02	.03	.01	.01	.01	.03	.01	.05	.03	.01	.01
17	.02	.04	.01	.01	.01	.01	.02	.01	.03	.02	.01	.01
18	.02	.02	.01	.01	.01	.01	.01	.01	.03	.02	.02	.01
19	.01	.02	.01	.01	.01	.01	.01	.01	.09	.04	.04	.01
20	.01	.03	.01	.0	.02	.01	.03	.01	.08	.06	.03	.01
21	.04	.03	.01	.0	.07	.01	.02	.01	.05	.03	.02	.13
22	.02	.03	.01	.0	.05	.01	.01	.01	.04	.03	.02	.08
23	.02	.04	.01	.0	.03	.12	.01	.01	.03	.07	.02	.03
24	.02	.03	.01	.01	.05	.06	.01	.01	.03	.03	.02	.02
25	.02	.03	.01	.01	.01	.02	.01	.01	.03	.02	.03	.02
26	.02	.03	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02
27	.02	.03	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01
28	.02	.03	.01	.01	.08	.01	.03	.01	.02	.03	.01	.01
29	.02	.03	.01	.01	---	.01	.03	.01	.04	.02	.01	.01
30	.02	.02	.01	.01	---	.01	.02	.01	.03	.02	.01	.01
31	.03	---	.03	.01	---	.02	---	.01	---	.02	.01	---
TOTAL	0.80	0.99	0.41	0.37	0.53	0.79	1.06	0.77	1.04	1.06	0.53	0.57
MEAN	.026	.033	.013	.012	.019	.025	.035	.025	.035	.034	.017	.019
MAX	.07	.07	.03	.08	.08	.12	.26	.20	.09	.09	.04	.13
MIN	.01	.02	.01	.00	.01	.01	.01	.01	.02	.01	.01	.01

CAL YR 1988 TOTAL 16.43 MEAN .045 MAX .17 MIN .00
WTR YR 1989 TOTAL 8.92 MEAN .024 MAX .26 MIN .00

02197341 TRIBUTARY TO FOURMILE CREEK BELOW TWIN LAKES AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'55'', long 81°41'35'', Aiken County, Hydrologic Unit 03060106, 50 ft below Twin Lakes, 800 ft upstream from Four Mile Creek, and 0.75 mi west of C-Area at Savannah River Site.

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.--Estimated daily discharges: Feb. 4 - Mar. 1. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.88 ft^3/s, Mar 4, 1987, gage height, 0.69 ft; minimum daily, 0.01 ft^3/s, June 4 - 5, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.31 ft^3/s, Sept. 22, gage height, 0.63 ft; minimum daily, 0.01 ft^3/s, June 4 - 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.07	.05	.08	.03	.04	.03	.07	.02	.05	.04	.04
2	.04	.06	.04	.06	.03	.04	.02	.11	.02	.05	.04	.04
3	.06	.05	.04	.06	.03	.06	.03	.08	.02	.05	.04	.04
4	.10	.05	.04	.06	.03	.06	.03	.06	.01	.05	.04	.04
5	.07	.06	.04	.05	.03	.05	.03	.06	.01	.05	.04	.04
6	.06	.07	.04	.05	.03	.04	.03	.06	.03	.06	.04	.04
7	.06	.06	.04	.04	.03	.04	.03	.06	.03	.04	.04	.04
8	.06	.06	.04	.04	.03	.03	.03	.03	.03	.10	.04	.04
9	.06	.06	.04	.04	.03	.02	.07	.05	.10	.09	.04	.04
10	.06	.06	.04	.04	.03	.02	.08	.03	.09	.07	.04	.04
11	.06	.06	.04	.04	.03	.02	.10	.03	.05	.06	.04	.04
12	.06	.05	.04	.04	.03	.03	.07	.03	.03	.06	.04	.04
13	.06	.06	.04	.04	.03	.03	.05	.03	.03	.09	.04	.04
14	.06	.05	.04	.04	.03	.03	.04	.02	.03	.08	.04	.04
15	.06	.06	.04	.04	.03	.03	.05	.10	.03	.07	.04	.04
16	.06	.06	.04	.04	.03	.03	.06	.13	.03	.07	.04	.04
17	.05	.06	.04	.04	.03	.03	.04	.06	.04	.08	.04	.04
18	.05	.07	.04	.04	.03	.03	.03	.04	.04	.07	.04	.04
19	.05	.07	.04	.04	.03	.03	.03	.03	.05	.06	.04	.04
20	.05	.06	.04	.04	.04	.02	.04	.03	.13	.06	.04	.04
21	.06	.05	.04	.04	.07	.03	.04	.03	.16	.08	.04	.18
22	.06	.05	.04	.04	.05	.03	.04	.03	.11	.06	.04	.31
23	.05	.05	.04	.04	.04	.06	.03	.03	.07	.06	.04	.26
24	.05	.06	.04	.05	.04	.09	.04	.03	.05	.06	.03	.10
25	.05	.06	.04	.04	.03	.07	.03	.02	.05	.06	.03	.08
26	.05	.06	.04	.03	.03	.05	.03	.02	.05	.06	.03	.07
27	.07	.05	.04	.04	.03	.04	.03	.02	.05	.06	.03	.07
28	.07	.05	.04	.04	.07	.03	.04	.02	.05	.06	.03	.06
29	.07	.05	.04	.04	---	.03	.06	.02	.05	.06	.03	.05
30	.07	.05	.04	.03	---	.03	.05	.02	.05	.06	.03	.05
31	.07	---	.04	.03	---	.03	---	.02	---	.06	.04	---
TOTAL	1.84	1.73	1.25	1.34	0.97	1.17	1.28	1.37	1.51	1.99	1.17	2.03
MEAN	.059	.058	.040	.043	.035	.038	.043	.044	.050	.064	.038	.068
MAX	.10	.07	.05	.08	.07	.09	.10	.13	.16	.10	.04	.31
MIN	.04	.05	.04	.03	.03	.02	.02	.02	.01	.04	.03	.04

CAL YR 1988 TOTAL 19.68 MEAN .054 MAX .14 MIN .02
WTR YR 1989 TOTAL 17.65 MEAN .048 MAX .31 MIN .01

02197342 SITE NO. 7 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'40'', long 81°41'45'', Barnwell County, Hydrologic Unit 03060106, on right upstream end of concrete culvert pipe on Four Mile Creek at SRS Road A-7, 1.0 mi southwest of Area C, at Savannah River Site.

DRAINAGE AREA.--12.5 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.--Records good, except for estimated daily discharges: May 3 to June 2, 30, July 1 - 5, which are poor. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--17 years, 17.15 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft^3/s, Feb. 2, 1973, gage height, 4.80 ft; minimum daily, 5.0 ft^3/s, Aug. 24, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 157 ft^3/s, July 5, gage height, 4.10 ft; minimum daily, 5.9 ft^3/s, June 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	16	9.1	38	9.1	14	8.5	18	7.5	7.8	9.6	7.0
2	9.8	13	9.0	14	9.0	14	8.6	51	6.2	7.5	10	7.4
3	14	12	9.4	17	9.4	46	8.7	10	7.6	10	9.1	7.5
4	56	12	9.6	21	8.3	20	8.3	12	6.2	35	8.4	7.4
5	16	16	9.8	12	9.0	21	8.3	10	5.9	66	8.4	7.1
6	13	14	9.6	12	12	15	8.7	9.0	10	20	7.6	7.5
7	11	11	10	11	11	13	9.0	7.4	8.6	18	6.8	7.8
8	9.2	11	10	11	9.9	12	11	7.3	7.7	14	6.6	7.7
9	9.2	11	11	10	8.9	13	47	7.8	42	11	7.4	8.7
10	8.6	11	11	12	9.4	12	65	35	21	10	7.7	9.1
11	9.3	11	11	11	8.8	11	63	14	10	9.3	9.1	9.9
12	8.8	11	10	10	8.3	10	26	8.8	8.8	9.8	9.0	9.1
13	7.4	11	11	11	8.3	11	17	8.3	7.8	20	7.7	7.5
14	8.1	11	9.8	10	8.5	11	16	8.1	6.8	11	8.0	6.7
15	8.3	13	10	10	8.8	14	27	8.5	6.6	12	9.4	7.5
16	8.9	11	13	10	10	14	21	7.8	8.4	25	9.9	9.2
17	9.4	15	12	10	11	13	15	8.0	11	14	8.2	8.9
18	9.2	12	11	10	9.6	11	13	8.9	7.9	11	8.5	7.0
19	9.3	11	10	10	9.0	9.0	13	8.5	10	11	9.2	6.1
20	10	11	11	11	10	9.1	15	8.3	70	22	9.5	6.0
21	16	10	11	10	25	10	13	8.6	63	36	8.0	37
22	14	10	10	9.4	29	11	11	9.5	28	16	7.3	84
23	11	12	11	9.1	15	24	10	9.0	18	17	7.0	28
24	10	14	10	10	15	69	9.7	12	15	26	6.9	12
25	9.7	12	10	11	14	19	9.0	8.0	16	16	7.5	9.9
26	10	11	9.5	10	12	16	8.4	8.2	14	13	9.9	10
27	13	11	9.4	11	11	15	7.7	8.2	11	11	7.7	11
28	11	12	9.9	9.6	16	12	8.3	8.6	9.2	32	8.0	9.9
29	11	11	9.6	9.0	---	12	11	8.4	8.0	15	7.9	8.6
30	12	9.5	9.7	9.6	---	9.9	8.3	7.9	7.9	13	7.3	8.9
31	13	---	12	10	---	10	---	7.8	---	11	7.2	---
TOTAL	378.2	356.5	319.4	369.7	325.3	501.0	505.5	352.9	460.1	550.4	254.8	374.4
MEAN	12.2	11.9	10.3	11.9	11.6	16.2	16.8	11.4	15.3	17.8	8.22	12.5
MAX	56	16	13	38	29	69	65	51	70	66	10	84
MIN	7.4	9.5	9.0	9.0	8.3	9.0	7.7	7.3	5.9	7.5	6.6	6.0

WTR YR 1989 TOTAL 4748.2 MEAN 13.0 MAX 84 MIN 5.9

021973424 C-003 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'47'', long 81°40'27'', Barnwell County, Hydrologic Unit 03060106, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C-Area, 0.5 mi north of SRS Road 3, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 3, Dec. 31, Feb. 21, Mar. 23, Apr. 8, May 1, June 8, 9, 19, 20, July 6, 12, 20, Sept. 21, 22. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 20, 1989, gage height, 1.89 ft; no flow, Sept. 29, 30, 1988, Oct. 1, 2, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, probably occurred June 20, gage height, 1.89 ft, from indicator; no flow, Oct. 1, 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.43	.41	.42	.37	.35	.37	.62	.45	.31	.53	.67
2	.00	.41	.40	.38	.42	.86	.40	.38	.42	.31	.59	.90
3	.26	.40	.40	.71	.35	.65	.38	.41	.43	.33	.72	.90
4	.31	.39	.40	.36	.36	.40	.39	.38	.43	.45	.74	.90
5	.21	.51	.40	.40	.36	.36	.44	.40	.49	.65	.74	.90
6	.17	.42	.40	.35	.35	.33	.38	.40	.40	.90	.74	.77
7	.19	.42	.44	.35	.33	.32	.40	.40	.40	.57	.74	.61
8	.29	.43	.40	.35	.36	.31	.68	.39	.40	.55	.74	.61
9	.35	.43	.40	.35	.34	.36	.66	.41	.74	.55	.87	.61
10	.33	.42	.40	.35	.35	.34	2.0	.92	.35	.55	.90	.61
11	.32	.43	.40	.36	.37	.35	.68	.35	.37	.55	.90	.91
12	.27	.45	.38	.34	.38	.35	.49	.36	.38	.90	.90	.90
13	.32	.40	.38	.33	.38	.36	.39	.38	.38	.64	.90	.80
14	.22	.46	.43	.35	.38	.37	.39	.38	.44	.55	.64	.74
15	.48	.48	.40	.34	.38	.44	.63	.37	.40	.95	.51	.60
16	.49	.47	.41	.33	.41	.37	.40	.37	.50	.60	.75	.59
17	.48	.53	.40	.34	.45	.37	.38	.46	.42	.55	.62	.62
18	.56	.64	.40	.34	.42	.36	.38	.39	.40	.55	.55	.74
19	.44	.45	.39	.39	.40	.39	.39	.40	.95	.73	.76	.74
20	.45	.44	.40	.34	.40	.38	.46	.40	.95	.92	.66	.90
21	.47	.43	.48	.35	.60	.38	.38	.40	.70	.53	.50	2.7
22	.44	.43	.40	.35	.49	.41	.40	.40	.56	.50	.51	1.7
23	.45	.45	.40	.35	.34	.90	.40	.40	.50	.98	.83	1.0
24	.43	.42	.40	.37	.36	.59	.40	.44	.50	.56	.63	.92
25	.44	.41	.40	.41	.35	.40	.40	.38	.51	.55	.55	.90
26	.45	.41	.40	.38	.35	.39	.45	.38	.50	.55	.55	.90
27	.43	.40	.40	.38	.34	.37	.40	.40	.50	.59	.55	.97
28	.69	.40	.40	.40	.51	.38	.43	.40	.52	.62	.55	.90
29	.44	.41	.47	.38	---	.44	.41	.40	.57	.50	.55	.90
30	.45	.55	.39	.37	---	.38	.40	.40	.35	.50	.73	.81
31	.45	---	.55	.37	---	.36	---	.39	---	.45	.63	---
TOTAL	11.28	13.32	12.73	11.59	10.90	13.02	14.76	12.96	14.91	18.44	21.08	26.72
MEAN	.36	.44	.41	.37	.39	.42	.49	.42	.50	.59	.68	.89
MAX	.69	.64	.55	.71	.60	.90	2.0	.92	.95	.98	.90	2.7
MIN	.00	.39	.38	.33	.33	.31	.37	.35	.35	.31	.50	.59

CAL YR 1988 TOTAL 193.12 MEAN .53 MAX 1.5 MIN .00
WTR YR 1989 TOTAL 181.71 MEAN .50 MAX 2.7 MIN .00

021973426 C-004 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'20'', long 81°40'25'', Barnwell County, Hydrologic Unit 03060106, near left bank 100 ft downstream from SRS Road 3, 0.5 mi south of C-Area, 0.6 mi west of junction of SRP Roads 3 and 5 at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to December 1988, January 1989 to September 1989.

GAGE.--Data collection platform. Elevation of gage is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 15. Records poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft^3/s, May 28, 1984, gage height, 5.10 ft; no flow many days Apr.-Sept., 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 114 ft^3/s, July 4, gage height, 3.98 ft; minimum daily, 2.8 ft^3/s, Oct. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	6.2	5.8	---	3.5	6.2	6.7	11	8.0	16	8.4	8.8
2	3.1	6.2	5.8	---	3.7	6.8	7.3	8.5	8.0	16	8.4	8.8
3	2.9	6.2	5.8	---	3.8	8.0	7.3	8.0	8.0	16	8.3	8.8
4	2.8	6.2	5.8	---	3.6	6.6	6.3	8.0	8.0	27	8.4	8.8
5	3.0	5.8	5.8	---	3.5	6.6	5.5	8.0	8.2	15	8.4	8.8
6	3.2	6.6	5.8	---	4.0	6.6	5.5	8.0	8.1	8.9	8.4	8.8
7	3.4	6.6	---	---	4.2	6.0	6.1	8.0	8.0	8.5	8.4	8.8
8	3.5	6.6	---	---	4.0	5.8	6.7	8.0	8.0	8.4	8.4	8.8
9	3.7	6.6	---	---	3.9	6.0	8.3	8.0	10	8.4	8.4	8.7
10	3.9	6.6	---	---	3.9	6.2	9.5	11	8.0	8.4	8.4	8.4
11	4.2	6.6	---	---	4.0	6.2	8.4	8.5	8.0	8.4	8.4	8.4
12	4.5	6.6	---	---	4.2	6.2	7.4	8.2	8.0	9.0	8.4	8.4
13	4.7	6.6	---	---	4.3	6.2	7.0	8.0	8.0	9.3	8.4	8.4
14	5.0	6.6	---	---	4.5	6.2	6.9	8.0	8.0	8.4	8.4	8.4
15	6.0	6.6	---	---	4.5	6.4	7.7	8.0	8.0	8.6	8.4	8.4
16	10	6.6	---	---	4.5	6.4	7.7	8.0	8.3	8.6	8.4	8.4
17	26	6.1	---	---	4.5	6.4	7.3	8.0	8.3	8.4	8.4	8.4
18	6.0	6.3	---	---	4.7	6.4	7.3	8.0	8.0	8.4	8.4	8.4
19	6.1	6.6	---	---	4.8	6.2	7.3	8.0	27	8.4	8.4	8.4
20	6.2	6.6	---	---	5.3	6.2	7.3	8.0	32	11	8.4	8.4
21	5.6	6.6	---	---	6.8	6.3	7.3	8.0	29	8.4	8.4	15
22	5.9	6.6	---	---	6.8	6.6	7.3	8.0	19	8.0	8.4	20
23	6.2	6.5	---	---	5.9	11	7.3	8.0	17	8.7	8.4	9.2
24	6.2	6.2	---	---	6.2	10	7.3	8.0	16	8.6	8.4	9.2
25	6.4	6.2	---	---	6.2	6.5	7.3	8.0	16	8.4	8.6	9.2
26	6.4	6.2	---	3.2	6.2	6.4	7.3	8.0	16	8.4	9.2	9.2
27	6.4	6.2	---	3.5	5.9	6.4	7.3	8.0	16	8.4	9.2	9.2
28	6.2	6.2	---	3.5	6.5	6.4	7.3	8.0	16	8.4	9.2	9.2
29	6.1	6.2	---	3.5	---	6.4	7.3	8.0	19	8.4	9.0	9.2
30	6.4	6.0	---	3.5	---	7.0	7.3	8.0	16	8.4	8.8	9.2
31	6.3	---	---	---	---	26	---	8.0	---	8.4	8.8	---
TOTAL	179.2	191.7	---	---	133.9	226.6	216.5	255.2	385.9	313.6	264.3	280.1
MEAN	5.78	6.39	---	---	4.78	7.31	7.22	8.23	12.9	10.1	8.53	9.34
MAX	26	6.6	---	---	6.8	26	9.5	11	32	27	9.2	20
MIN	2.8	5.8	---	---	3.5	5.8	5.5	8.0	8.0	8.0	8.3	8.4

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 and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 72.3°C, Aug. 19, 21, 1984; minimum, 4.0°C, Jan. 9, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 32.5°C, July 11; minimum, 5.5°C, Feb. 24, 25.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	10.5	11.0	11.0	10.0	10.5	16.5	13.0	15.0	24.0	21.0	22.5
2	11.5	11.0	11.5	11.0	10.5	10.5	21.0	13.0	17.0	25.5	19.0	22.0
3	12.5	11.5	12.0	10.5	10.5	10.5	22.5	15.5	19.0	23.5	17.5	20.5
4	14.0	12.5	13.5	10.5	10.5	10.5	23.5	18.0	20.5	23.5	18.0	20.5
5	14.5	14.0	14.0	11.0	10.5	11.0	21.0	18.0	19.5	24.5	19.0	21.5
6	14.5	14.0	14.0	11.0	11.0	11.0	21.0	15.5	18.5	25.5	19.0	22.0
7	14.5	14.0	14.5	11.5	10.5	11.5	18.5	14.5	16.5	23.5	17.0	20.0
8	14.5	13.5	14.0	10.5	7.5	8.5	17.5	12.5	15.0	23.0	15.0	19.0
9	13.5	10.0	11.0	7.5	7.0	7.5	17.5	14.5	15.5	20.5	18.0	19.0
10	10.0	7.0	8.0	8.5	7.5	8.0	15.5	11.5	13.5	23.5	18.5	20.5
11	7.5	6.5	7.0	9.5	8.5	9.0	15.5	10.5	12.5	22.5	16.5	19.5
12	8.0	7.5	8.0	10.0	9.5	9.5	18.5	10.5	14.0	23.0	16.0	19.5
13	9.5	8.0	8.5	11.0	10.0	10.5	20.0	12.0	16.0	22.0	16.0	19.0
14	10.5	9.5	10.0	12.0	11.0	11.5	20.5	13.5	17.5	25.5	19.0	21.5
15	11.5	10.5	11.0	12.5	12.0	12.0	19.0	16.5	18.0	27.0	21.0	24.0
16	13.0	12.0	12.5	13.5	13.0	13.0	21.5	15.0	17.5	26.0	20.0	23.0
17	13.5	11.0	13.0	14.5	13.5	14.0	23.0	16.5	19.5	26.0	19.0	22.5
18	11.0	8.5	9.5	15.5	14.5	15.0	24.0	17.0	20.5	27.0	20.5	23.5
19	8.5	8.0	8.0	16.5	15.5	16.0	24.5	18.5	21.5	24.5	20.5	22.5
20	8.5	8.0	8.5	16.5	15.5	16.0	22.5	17.0	19.5	26.0	20.0	23.0
21	9.0	8.5	8.5	15.5	15.5	15.5	22.5	15.5	18.5	28.0	21.5	25.0
22	10.0	9.0	9.5	16.0	13.5	15.0	23.0	17.0	20.0	27.5	22.5	25.0
23	10.0	7.0	9.0	13.0	8.0	11.0	24.0	18.5	21.0	27.5	23.5	25.5
24	7.0	5.5	6.0	12.5	8.0	9.5	25.5	20.0	23.0	28.5	22.0	25.0
25	6.0	5.5	6.0	16.5	11.0	13.5	27.0	20.0	23.0	28.0	22.0	25.0
26	8.0	6.0	7.0	18.5	14.5	16.5	27.5	21.0	24.0	29.5	24.0	26.5
27	9.0	8.0	8.5	20.5	17.0	18.5	28.5	21.5	24.5	30.5	25.0	27.5
28	10.0	9.0	9.5	22.5	18.5	20.5	28.0	22.0	25.0	29.0	24.5	27.0
29	---	---	---	24.0	19.5	22.0	28.0	22.5	25.0	29.0	23.5	26.0
30	---	---	---	22.5	20.5	21.5	27.0	22.0	24.5	28.5	23.5	26.0
31	---	---	---	20.5	15.5	18.5	---	---	---	30.0	24.5	27.0
MONTH	14.5	5.5	10.0	24.0	7.0	13.0	28.5	10.5	19.0	30.5	15.0	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.0	25.0	28.0	28.5	25.0	26.5	30.5	27.5	29.0	29.0	26.5	27.5
2	31.0	26.5	28.5	28.5	24.5	26.5	30.0	27.5	28.5	29.5	27.0	28.0
3	29.5	26.0	28.0	29.0	25.5	27.0	30.5	27.5	29.0	28.5	27.0	28.0
4	30.5	25.5	28.0	28.0	24.0	26.0	30.5	27.0	28.5	28.0	25.0	26.5
5	30.5	26.0	28.0	29.5	24.0	26.5	31.0	27.5	29.0	26.5	24.5	25.0
6	27.0	24.5	25.5	30.0	26.0	27.5	31.0	28.0	29.5	27.0	24.5	25.5
7	29.0	23.5	26.0	31.5	26.0	28.5	30.5	28.5	29.5	27.5	26.0	26.5
8	27.0	24.5	25.5	31.0	27.0	29.0	29.0	25.5	27.0	27.5	25.0	26.5
9	27.0	22.5	25.0	30.5	27.0	29.0	25.0	23.5	24.5	28.0	25.0	26.5
10	29.5	24.0	26.5	31.5	26.5	29.0	25.5	23.5	24.5	27.5	25.5	26.5
11	29.0	24.5	27.0	32.5	28.0	30.0	26.0	23.5	24.5	27.5	25.5	26.5
12	30.0	25.0	27.5	31.0	27.5	29.5	26.0	24.0	25.0	28.0	25.5	27.0
13	30.5	26.0	28.0	31.5	25.5	28.0	27.0	24.5	26.0	28.5	25.5	27.0
14	31.0	26.5	28.5	29.0	27.0	28.0	27.0	25.5	26.0	27.0	25.5	26.5
15	30.0	26.5	28.0	29.0	27.0	27.5	27.5	25.0	26.0	28.5	25.5	27.0
16	27.5	25.5	26.5	29.5	26.0	27.5	28.0	26.0	27.0	28.0	26.0	27.0
17	27.5	24.0	26.0	29.0	26.5	27.5	28.5	26.0	27.0	28.0	25.0	26.5
18	30.0	24.5	27.0	28.0	26.0	27.0	27.0	25.5	26.5	26.0	24.0	25.5
19	29.0	23.5	26.5	28.5	26.0	27.0	28.5	26.0	27.0	25.0	23.0	24.0
20	28.5	23.0	25.0	27.0	25.0	26.0	29.0	26.5	27.5	23.5	23.0	23.0
21	29.0	23.0	25.5	29.0	24.5	26.5	29.5	26.5	28.0	24.5	23.5	24.0
22	28.0	24.0	26.0	27.5	25.5	26.5	30.0	27.0	28.5	26.5	23.0	24.5
23	29.5	25.0	27.0	28.0	25.5	26.5	30.5	28.0	29.0	27.0	24.5	26.0
24	29.0	25.5	27.5	29.5	24.5	26.5	31.0	28.5	29.5	25.5	21.5	23.0
25	30.0	25.0	27.5	29.5	27.0	28.5	29.0	27.5	28.5	21.0	19.5	20.0
26	30.5	26.0	28.0	29.5	26.5	28.0	29.0	27.0	28.0	21.5	19.5	20.5
27	30.5	26.0	28.5	30.0	27.5	28.5	29.5	27.5	28.0	22.0	21.0	21.5
28	30.5	26.5	28.5	30.0	26.0	28.0	29.5	27.0	28.0	21.5	20.0	21.0
29	29.0	26.0	27.0	31.0	27.5	29.0	29.0	27.0	28.0	24.0	21.0	22.0
30	28.5	25.0	26.5	30.5	27.5	29.5	29.5	26.5	28.0	24.5	23.0	24.0
31	---	---	---	30.5	27.5	29.0	28.5	27.5	28.0	---	---	---
MONTH	31.0	22.5	27.0	32.5	24.0	27.5	31.0	23.5	27.5	29.5	19.5	25.0
YEAR	32.5	5.5	21.0									

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°11'21'', long 81°43'26'', Barnwell County, Hydrologic Unit 03060106, on left downstream side of bridge on SRS Road A-12.2, 500 ft northwest of SRS Road A-13, 1.0 mi southeast of Area D, at Savannah River Site.

DRAINAGE AREA.--22.0 mi^2.

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

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharge: Apr. 27 - 30, May 1 -16, 23 - 29, June 6, which are poor. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 903 ft^3/s, Mar. 13, 1980, gage height, 3.93 ft; minimum daily, 10 ft^3/s, July 18, 1988, May 31, June 15, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 392 ft^3/s, July 5, gage height, 3.10 ft; minimum daily, 10 ft^3/s, May 31, June 15.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	24	16	40	15	24	24	26	11	17	20	15
2	14	21	15	28	14	22	18	67	13	14	20	15
3	18	19	15	24	15	45	18	12	14	15	19	15
4	71	19	16	32	14	33	17	14	14	30	17	15
5	37	23	16	22	14	28	18	15	12	200	16	15
6	20	26	16	20	18	23	18	14	18	58	15	16
7	18	19	17	20	18	20	19	13	17	30	14	16
8	14	18	17	19	16	19	20	13	14	23	13	16
9	14	18	18	17	14	20	51	14	37	19	14	15
10	14	18	18	19	14	19	67	55	49	17	15	16
11	14	19	17	19	14	18	96	18	18	15	16	18
12	14	18	17	17	13	17	41	14	15	15	17	17
13	13	18	17	18	13	17	29	12	13	35	17	16
14	12	18	16	17	14	17	26	12	11	22	15	14
15	13	20	17	17	14	20	32	13	10	20	18	14
16	13	19	20	17	14	20	38	13	13	36	20	16
17	14	22	20	16	16	19	26	14	19	28	18	17
18	14	23	18	16	15	18	23	14	15	20	17	15
19	14	19	17	16	15	15	22	15	14	21	17	13
20	14	18	17	17	15	14	25	14	98	40	19	13
21	19	18	18	17	26	15	24	14	101	61	17	41
22	24	18	17	15	40	17	20	13	47	35	15	167
23	17	20	17	15	25	27	19	14	31	30	14	106
24	16	23	17	15	23	87	19	17	27	44	14	29
25	14	20	17	17	22	33	18	13	28	32	14	22
26	14	19	15	16	20	24	17	12	23	26	18	21
27	17	18	15	17	19	23	14	12	19	23	18	21
28	18	19	16	16	22	20	15	13	15	27	16	20
29	18	19	15	14	---	20	17	11	17	41	17	18
30	17	17	15	15	---	18	14	11	26	23	16	17
31	19	---	18	16	---	22	---	10	---	27	15	---
TOTAL	563	590	520	584	492	734	805	522	759	1044	511	769
MEAN	18.2	19.7	16.8	18.8	17.6	23.7	26.8	16.8	25.3	33.7	16.5	25.6
MAX	71	26	20	40	40	87	96	67	101	200	20	167
MIN	12	17	15	14	13	14	14	10	10	14	13	13

WTR YR 1989 TOTAL 7893 MEAN 21.6 MAX 200 MIN 10

02197345 K-011 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'40'', long 81°40'28'', Barnwell County, Hydrologic Unit 03060106, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRS Road B, 0.5 mi west of K-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated completely by Savannah River Site operations.

AVERAGE DISCHARGE.--5 years, 281 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 554 ft^3/s, Oct. 2, 1985, gage height, 3.45 ft; minimum daily, 20 ft^3/s, Jan. 23, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 495 ft^3/s, Jan. 5, 6, gage height, 3.36 ft; minimum daily, 34 ft^3/s, Oct. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	71	47	64	118	123	80	63	80	46	75	61
2	43	56	47	83	117	124	87	64	92	37	73	53
3	44	47	47	57	111	122	71	58	80	39	76	51
4	44	47	47	113	83	117	64	53	75	42	86	51
5	44	47	47	414	84	116	64	53	73	41	73	51
6	44	46	47	476	84	133	64	53	71	42	73	52
7	44	46	47	353	83	138	63	54	63	46	73	47
8	42	44	47	317	81	124	64	55	53	48	73	57
9	42	44	47	246	73	146	64	51	48	49	75	60
10	43	43	47	357	77	159	64	51	49	49	71	56
11	46	36	47	327	79	146	62	51	53	51	69	53
12	47	35	44	94	79	143	63	58	53	48	63	54
13	48	47	44	135	79	162	52	56	53	47	61	57
14	47	53	43	183	81	156	44	56	48	52	61	59
15	48	54	44	173	81	152	45	56	53	53	67	58
16	48	41	44	150	79	147	44	48	64	53	55	59
17	56	52	52	105	83	137	45	48	75	56	41	59
18	51	35	75	128	90	152	44	55	79	55	44	58
19	47	35	60	112	95	156	44	57	79	57	38	59
20	48	35	57	146	101	151	44	59	69	55	40	57
21	47	35	64	165	117	148	45	51	65	53	36	59
22	48	35	62	165	116	148	56	56	63	55	60	58
23	47	43	64	126	116	155	49	48	64	57	56	59
24	48	35	57	91	117	153	53	49	72	60	50	59
25	47	35	60	92	122	146	56	52	65	65	53	58
26	47	35	63	89	121	148	50	67	70	66	49	57
27	40	35	64	115	122	141	57	71	76	68	50	64
28	34	35	61	114	124	133	55	74	65	69	49	69
29	54	48	63	108	---	126	49	77	62	70	55	67
30	55	48	65	110	---	97	49	73	46	73	58	68
31	52	---	62	118	---	76	---	69	---	74	49	---
TOTAL	1447	1298	1665	5326	2713	4275	1691	1786	1958	1676	1852	1730
MEAN	46.7	43.3	53.7	172	96.9	138	56.4	57.6	65.3	54.1	59.7	57.7
MAX	56	71	75	476	124	162	87	77	92	74	86	69
MIN	34	35	43	57	73	76	44	48	46	37	36	47

CAL YR 1988 TOTAL 57511 MEAN 157 MAX 470 MIN 21
WTR YR 1989 TOTAL 27417 MEAN 75.1 MAX 476 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 data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 71.5°C, Jun. 11-12, 1986; minimum 6.0°C, Jan. 28, 29, 1986, Jan. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.0°C, Aug. 24; minimum, 8.0°C, Dec. 15, 16, 18, 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197345 K-011, AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

021973455 INDIAN GRAVE BRANCH AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'15'', long 81°40'31'', Aiken County, Hydrologic Unit 0306106, on right bank, 0.5 mile upstream of Road B and 350 ft upstream of confluence of K-011 reactor discharge, at Savannah River Site.

DRAINAGE AREA.--2.06 mi^2.

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 225 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Feb. 21, Mar. 2, 23 - 24, Apr. 8 - 10, May 1, June 3 - 7, 9, 19 - 21, 24 - 25, 29, July 4 - 5, 12 - 13, 15, 20, Sept. 21, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jan. 22, 1988, gage height, 4.49 ft; minimum daily, 0.07 ft^3/s, June 11, 12, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, July 4, gage height, 3.98 ft; minimum daily, 0.24 ft^3/s, Oct. 10, May 28 - 29, 31, June 1 - 4, 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.27	.53	.37	.83	.31	.41	.35	.68	.24	.45	.57	.33
2	.27	.43	.38	.42	.33	.80	.34	.59	.24	.38	.59	.31
3	1.2	.40	.37	.96	.33	1.9	.35	.35	.24	.59	.53	.31
4	.57	.40	.37	.53	.32	.60	.35	.31	.24	1.7	.48	.30
5	.34	.64	.37	.39	.33	.55	.37	.36	.25	1.9	.45	.35
6	.29	.44	.37	.37	.40	.41	.36	.39	.25	.66	.40	.35
7	.28	.40	.37	.34	.35	.36	.39	.30	.25	.50	.39	.34
8	.28	.39	.37	.33	.33	.37	.53	.28	.25	.43	.39	.34
9	.28	.38	.40	.45	.32	.36	1.6	.45	2.2	.39	.43	.39
10	.24	.38	.38	.40	.36	.36	4.2	.86	.45	.39	.44	.37
11	.25	.42	.38	.36	.34	.35	1.5	.39	.30	.37	.38	.51
12	.25	.39	.38	.32	.33	.35	.58	.36	.27	.48	.35	.61
13	.25	.38	.37	.34	.32	.47	.51	.32	.25	1.1	.36	.57
14	.26	.39	.37	.31	.32	.38	.40	.30	.24	.50	.37	.52
15	.27	.40	.38	.32	.33	.37	1.0	.37	.25	.83	.57	.49
16	.27	.36	.51	.34	.33	.42	.52	.30	.32	1.2	.56	.45
17	.27	.41	.41	.34	.34	.38	.41	.28	.33	.62	.43	.41
18	.27	.36	.37	.31	.37	.36	.38	.27	.28	.51	.40	.37
19	.27	.36	.36	.31	.37	.34	.36	.27	1.6	1.6	.40	.34
20	.28	.37	.35	.31	.41	.35	.56	.27	2.2	4.5	.39	.33
21	.41	.35	.35	.31	1.6	.37	.40	.26	2.1	1.7	.34	3.1
22	.34	.35	.35	.32	1.0	.39	.36	.26	1.3	.72	.34	1.7
23	.32	.46	.35	.32	.48	2.2	.35	.28	.54	2.0	.34	.34
24	.34	.43	.35	.31	.50	1.5	.34	.28	1.0	1.2	.32	.35
25	.32	.35	.34	.32	.44	.48	.33	.25	2.1	.59	.32	.50
26	.33	.35	.34	.31	.37	.41	.32	.25	.57	.56	.39	.47
27	.36	.34	.34	.44	.36	.42	.30	.25	.44	.55	.41	.48
28	.42	.36	.36	.33	.80	.39	.28	.24	.41	1.2	.34	.49
29	.38	.34	.34	.31	---	.37	.29	.24	.66	.51	.34	.43
30	.36	.35	.34	.34	---	.41	.30	.25	.68	.56	.33	.36
31	.48	---	.65	.33	---	.37	---	.24	---	.78	.33	---
TOTAL	10.72	11.91	11.74	11.92	12.39	17.20	18.33	10.50	20.45	29.47	12.68	16.21
MEAN	.35	.40	.38	.38	.44	.55	.61	.34	.68	.95	.41	.54
MAX	1.2	.64	.65	.96	1.6	2.2	4.2	.86	2.2	4.5	.59	3.1
MIN	.24	.34	.34	.31	.31	.34	.28	.24	.24	.37	.32	.30

CAL YR 1988 TOTAL 187.00 MEAN .51 MAX 4.5 MIN .16
WTR YR 1989 TOTAL 183.52 MEAN .50 MAX 4.5 MIN .24

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12'', long 81°38'51'', Barnwell County, Hydrologic Unit 03060106, at center, upstream side of culvert on SRS Rd B, 1.2 mi west of SRS Rd 7, 1.9 mi above Indian Grave Branch, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

AVERAGE DISCHAGE.--5 years, 5.80 ft^3/s.

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. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, May 28, 1984, gage height, 5.31 ft; minimum daily, 0.55 ft^3/s, Aug. 27, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 65.6 ft^3/s, June 19, gage height, 3.86 ft; minimum daily, .88 ft^3/s, June 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	4.3	6.5	7.3	2.5	4.6	2.6	7.5	4.1	2.2	3.1	1.5
2	1.8	4.1	2.3	3.7	2.4	5.8	2.2	6.7	1.9	1.8	2.9	1.4
3	4.5	3.2	1.9	6.0	2.3	17	2.4	2.2	1.1	1.6	2.6	1.4
4	7.9	3.3	1.8	6.8	2.2	7.9	2.3	3.3	.88	4.9	2.4	1.4
5	2.7	5.3	1.9	3.9	2.1	6.9	2.2	2.1	1.0	14	2.2	1.3
6	2.5	4.4	3.5	3.1	2.3	4.8	2.9	3.1	1.2	2.6	2.2	1.3
7	2.4	3.4	2.0	2.7	2.6	3.8	2.6	1.9	1.1	2.2	2.2	1.3
8	2.2	3.0	1.8	2.6	2.4	3.7	3.3	1.8	.94	1.9	2.2	1.3
9	2.2	3.9	2.1	4.8	2.1	3.7	15	2.4	10	1.8	2.2	1.3
10	2.0	2.6	2.7	3.3	4.1	3.4	24	9.2	3.4	1.7	2.2	1.3
11	1.9	3.0	2.7	2.3	2.1	3.2	21	3.8	1.8	1.7	2.2	1.3
12	1.9	3.0	4.1	2.3	2.1	2.9	9.1	2.2	1.4	2.4	2.2	1.3
13	1.8	3.1	2.3	2.3	1.9	3.8	6.7	1.8	1.3	5.7	2.2	1.3
14	2.0	3.1	2.2	2.4	1.9	2.9	5.5	1.7	1.2	2.1	2.2	1.3
15	2.0	3.2	2.3	2.4	1.9	3.2	7.9	2.1	1.1	3.9	2.9	1.4
16	1.8	4.6	3.4	2.4	2.1	3.6	7.4	1.9	1.3	11	3.3	1.6
17	1.8	3.0	3.4	2.4	2.2	3.3	5.1	1.7	1.5	2.2	2.5	1.4
18	1.9	3.3	2.9	2.4	2.2	2.7	4.2	1.7	1.5	1.8	2.3	1.2
19	1.8	3.1	2.5	4.0	2.4	2.9	3.8	1.6	11	12	2.3	1.2
20	1.8	2.9	5.7	2.2	2.8	3.1	3.9	3.8	22	32	2.3	1.2
21	2.9	2.7	2.9	2.0	13	5.6	4.0	1.4	12	14	2.3	19
22	2.8	9.6	2.5	2.1	12	4.4	3.3	1.2	13	5.5	2.3	30
23	2.2	3.3	2.2	2.1	5.6	9.7	3.0	1.2	4.4	10	2.3	5.4
24	2.4	2.6	1.9	2.1	5.1	20	2.7	1.2	3.2	13	1.8	1.7
25	2.1	1.8	1.8	2.2	4.3	7.0	2.5	1.2	12	5.1	1.6	1.6
26	2.1	2.0	1.7	2.2	3.4	2.8	2.3	1.1	3.4	3.0	1.5	1.6
27	2.5	2.2	4.4	2.4	4.1	3.1	1.9	1.1	2.5	2.1	1.5	1.6
28	2.8	2.6	2.6	2.6	4.8	4.7	1.7	1.1	2.2	5.2	1.5	1.6
29	3.1	2.5	1.9	2.5	---	2.8	1.6	1.1	2.9	3.4	1.5	1.5
30	3.1	2.3	1.7	2.5	---	4.3	1.8	1.0	3.0	2.8	1.5	1.5
31	3.8	---	2.6	2.7	---	2.2	---	.97	---	5.1	1.5	---
TOTAL	78.5	101.4	84.2	94.7	98.9	159.8	158.9	75.07	128.32	178.7	67.9	92.2
MEAN	2.53	3.38	2.72	3.05	3.53	5.15	5.30	2.42	4.28	5.76	2.19	3.07
MAX	7.9	9.6	6.5	7.3	13	20	24	9.2	22	32	3.3	30
MIN	1.8	1.8	1.7	2.0	1.9	2.2	1.6	.97	.88	1.6	1.5	1.2

CAL YR 1988 TOTAL 1294.07 MEAN 3.54 MAX 41 MIN .55
WTR YR 1989 TOTAL 1318.59 MEAN 3.61 MAX 32 MIN .88

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'34'', long 81°41'08'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRS Roads A-17 and A-17.1, at Savannah River Site.

DRAINAGE AREA.--21.2 mi^2.

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Oct. 28 - 29, Nov. 12, 16 - 17, Apr. 1, June 19, 20, Aug. 7, 8, 31. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--8 years, 294 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 948 ft^3/s, Mar. 13, 1980, gage height, 3.81 ft; minimum daily, 20 ft^3/s, June 24, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 571 ft^3/s, Jan. 6, gage height, 2.83 ft; minimum daily, 23 ft^3/s, Aug. 21.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	70	44	75	115	123	60	87	71	74	79	54
2	38	58	45	78	114	129	66	86	96	64	76	46
3	46	43	41	67	112	156	66	65	80	64	76	40
4	54	44	40	126	81	128	66	53	72	80	85	39
5	43	49	40	382	80	127	67	55	69	111	72	42
6	40	45	42	524	81	129	67	58	70	77	70	43
7	38	44	41	368	81	121	70	52	62	73	69	42
8	36	41	41	355	81	102	71	51	53	76	68	39
9	34	40	42	249	72	116	108	50	71	74	71	48
10	34	41	42	332	73	119	132	63	53	73	69	44
11	38	34	42	389	77	110	129	55	49	72	66	38
12	42	38	40	102	75	107	87	58	48	68	60	38
13	41	44	39	129	76	121	72	56	47	82	58	42
14	41	46	37	176	79	119	56	56	42	72	57	48
15	43	57	37	170	77	116	65	63	44	77	74	48
16	43	45	39	154	76	112	66	48	63	90	70	48
17	45	43	45	101	78	105	57	45	75	76	38	49
18	52	30	63	112	83	117	54	52	79	72	36	47
19	43	30	60	117	88	119	52	57	85	83	31	47
20	43	31	52	134	98	117	56	45	117	112	28	47
21	46	30	61	160	140	118	55	50	106	110	23	99
22	46	34	59	160	144	115	64	52	105	77	41	142
23	43	46	59	133	120	146	55	44	69	83	51	73
24	44	34	54	86	117	167	55	43	72	97	41	59
25	42	29	56	87	121	126	65	47	93	76	42	57
26	42	29	56	83	119	118	47	62	80	73	36	59
27	38	29	57	107	119	113	61	69	86	71	40	62
28	31	30	59	109	126	108	56	69	69	83	39	69
29	43	34	57	105	---	105	74	74	85	77	41	64
30	56	45	59	105	---	76	74	70	81	77	54	66
31	44	---	60	115	---	62	---	66	---	101	40	---
TOTAL	1324	1213	1509	5390	2703	3647	2073	1801	2192	2495	1701	1639
MEAN	42.7	40.4	48.7	174	96.5	118	69.1	58.1	73.1	80.5	54.9	54.6
MAX	56	70	63	524	144	167	132	87	117	112	85	142
MIN	31	29	37	67	72	62	47	43	42	64	23	38

WTR YR 1989 TOTAL 27687 MEAN 75.9 MAX 524 MIN 23

02197351 P-013 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°13'53'', long 81°35'06'', Barnwell County, Hydrologic Unit 03060106, on Steel Creek, at right bank 2000 ft downstream of SRS Road F and 0.5 mi west of P-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records poor. Estimated daily discharges: Jan. 4 - 24. Flow completely regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 147 ft^3/s, Oct. 22, 1986, gage height, 2.43 ft; minimum daily, 0.08 ft^3/s, June 2, 3, 5-7, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, June 19, gage height, 1.23 ft; minimum daily, 0.17 ft^3/s, Sept. 6 - 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.27	.30	.48	.55	.52	.35	.41	.93	.51	.44	.33	.26
2	.25	.28	.49	.44	.52	.59	.41	.92	.50	.37	.31	.24
3	.35	.29	.46	.69	.50	.62	.41	.91	.51	.45	.30	.24
4	.26	.29	.49	.55	.49	.39	.42	.79	.51	.64	.29	.24
5	.24	.38	.49	.50	.50	.37	.42	.74	.54	.65	.28	.22
6	.22	.34	.51	.50	.51	.35	.42	.84	.54	.44	.27	.17
7	.22	.34	.49	.50	.52	.32	.45	.75	.59	.41	.27	.17
8	.22	.37	.49	.50	.48	.30	.63	.73	.59	.42	.27	.17
9	.22	.30	.51	.50	.46	.30	.74	.89	1.2	.41	.30	.17
10	.22	.41	.51	.50	.50	.30	1.4	1.1	.73	.42	.29	.19
11	.22	.41	.53	.50	.50	.30	.71	.67	.63	.40	.28	.19
12	.22	.41	.53	.50	.50	.30	.40	.68	.64	.44	.27	.19
13	.22	.41	.53	.50	.51	.28	.38	.78	.62	.48	.28	.19
14	.22	.42	.50	.50	.50	.27	.37	.75	.57	.40	.27	.19
15	.22	.42	.52	.50	.51	.30	.45	.76	.54	.75	.27	.19
16	.22	.42	.55	.50	.50	.29	.39	.70	.66	.52	.26	.19
17	.22	.40	.52	.50	.49	.33	.38	.65	.63	.45	.27	.19
18	.22	.41	.52	.50	.52	.37	.42	.66	.60	.36	.27	.19
19	.22	.41	.53	.50	.50	.46	.44	.62	2.1	.94	.27	.19
20	.22	.42	.53	.45	.53	.50	.53	.60	.83	.85	.27	.19
21	.26	.42	.52	.45	1.2	.51	.53	.67	1.0	.48	.25	2.2
22	.26	.42	.51	.45	.48	.50	.52	.66	.79	.42	.26	1.8
23	.24	.45	.50	.45	.36	1.4	.53	.54	.60	.82	.27	.30
24	.24	.43	.51	.56	.39	.61	.64	.68	.55	.47	.25	.20
25	.24	.43	.47	.56	.34	.39	.71	.53	.69	.37	.35	.20
26	.24	.44	.49	.56	.32	.36	.69	.60	.58	.34	.29	.24
27	.25	.41	.50	.57	.33	.38	.65	.62	.55	.34	.34	.20
28	.27	.42	.52	.54	.43	.38	.65	.59	.51	.50	.27	.19
29	.27	.41	.52	.53	---	.38	.64	.52	.54	.32	.24	.19
30	.27	.43	.53	.55	---	.39	.61	.54	.49	.35	.24	.19
31	.28	---	.62	.53	---	.41	---	.52	---	.38	.26	---
TOTAL	7.49	11.69	15.87	15.93	13.91	13.00	16.35	21.94	20.34	15.03	8.64	9.68
MEAN	.24	.39	.51	.51	.50	.42	.54	.71	.68	.48	.28	.32
MAX	.35	.45	.62	.69	1.2	1.4	1.4	1.1	2.1	.94	.35	2.2
MIN	.22	.28	.46	.44	.32	.27	.37	.52	.49	.32	.24	.17

CAL YR 1988 TOTAL 1751.38 MEAN 4.79 MAX 146 MIN .08
WTR YR 1989 TOTAL 169.87 MEAN .47 MAX 2.2 MIN .17

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, 47.0°C, May 4, 1987; minimum, 2.0°C, Dec. 18, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, Aug. 24; minimum, 2.0°C, Dec. 18

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	21.0	23.0	17.5	12.5	14.0	11.5	8.0	9.5	17.5	12.0	14.0
2	26.5	22.0	24.0	17.0	11.0	13.5	10.5	6.0	7.5	14.0	11.0	12.0
3	23.0	21.5	22.0	17.5	11.5	14.0	10.5	5.0	7.0	12.5	10.5	11.5
4	22.5	20.5	21.5	17.5	13.5	15.5	11.5	6.0	8.0	10.0	8.0	8.5
5	21.5	17.5	19.5	19.0	14.5	17.0	10.5	5.0	7.0	---	---	---
6	19.5	15.0	17.0	16.0	11.5	13.5	11.0	5.0	7.0	---	---	---
7	19.0	14.5	16.0	15.5	10.0	12.0	12.0	6.0	8.5	---	---	---
8	17.5	13.0	15.0	16.0	10.0	13.0	13.0	7.5	9.5	---	---	---
9	17.5	12.0	14.5	19.0	15.0	16.5	12.0	8.0	10.0	---	---	---
10	18.5	12.5	15.0	19.0	15.0	16.5	10.5	7.0	8.5	---	---	---
11	18.5	13.0	15.5	18.5	13.5	16.0	9.5	7.0	8.5	---	---	---
12	18.0	13.5	15.5	15.5	11.5	13.5	7.0	4.5	5.5	---	---	---
13	15.0	11.0	12.5	17.5	13.5	15.0	7.5	2.5	4.5	---	---	---
14	15.0	9.0	11.5	17.0	11.5	13.5	9.0	3.5	5.5	---	---	---
15	16.0	9.5	12.5	17.0	11.5	14.0	11.0	6.0	8.0	---	---	---
16	17.5	11.0	14.0	18.5	13.0	15.5	10.0	6.5	9.0	---	---	---
17	18.0	12.5	15.0	18.5	13.5	16.5	7.5	4.0	5.5	---	---	---
18	19.5	13.5	16.5	15.5	11.0	13.0	6.5	2.0	4.0	---	---	---
19	19.5	16.0	17.5	17.0	13.0	15.0	8.5	3.0	5.0	---	---	---
20	17.5	13.5	15.5	19.5	16.5	17.5	10.5	3.5	6.5	---	---	---
21	18.0	15.0	16.0	16.0	13.0	14.5	13.5	6.5	9.5	---	---	---
22	17.5	13.5	15.0	12.5	10.5	12.0	14.0	8.5	11.0	---	---	---
23	16.5	11.0	13.5	13.0	11.5	12.5	14.0	12.0	13.0	---	---	---
24	19.0	14.0	16.0	15.0	11.0	12.5	16.5	12.5	14.0	---	---	---
25	16.5	11.0	13.5	14.5	9.5	11.5	14.5	10.0	12.5	13.5	7.0	9.0
26	17.0	11.5	14.5	16.0	11.0	13.5	11.5	7.5	9.0	15.0	7.5	10.5
27	18.5	15.0	16.5	19.0	14.5	17.0	12.5	6.5	9.0	17.0	11.0	13.5
28	20.5	16.0	18.0	17.0	10.5	14.0	16.0	10.5	13.0	14.5	8.5	10.5
29	19.0	16.0	17.5	12.5	8.0	9.5	11.0	7.5	9.0	15.5	8.5	11.5
30	18.5	15.5	16.5	13.0	8.0	10.0	11.0	7.5	9.0	14.0	11.5	12.5
31	15.5	12.5	14.0	---	---	---	13.0	10.5	12.0	15.5	9.0	11.5
MONTH	26.5	9.0	16.5	19.5	8.0	14.0	16.5	2.0	8.5	17.5	7.0	11.5

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	15.5	8.5	11.5	13.0	10.0	11.5	22.0	11.5	15.5	21.5	20.0	20.5
2	17.0	11.5	14.0	11.0	10.0	10.5	22.5	10.5	15.0	24.5	18.0	20.0
3	20.0	12.0	15.0	12.0	10.0	11.0	22.5	13.5	17.0	22.0	15.5	18.0
4	19.0	14.5	16.0	12.5	11.5	12.0	23.5	16.0	18.5	22.0	15.5	18.5
5	15.5	13.0	14.5	19.5	12.5	15.5	20.5	16.0	18.0	22.5	18.5	20.5
6	17.0	13.0	15.0	20.0	13.0	16.5	21.5	14.0	16.5	23.5	17.0	19.5
7	18.5	14.5	16.0	12.5	7.5	10.5	18.5	12.5	15.0	21.0	15.0	17.5
8	16.0	10.0	13.0	7.5	6.5	7.0	19.0	11.0	14.0	21.0	13.5	16.5
9	13.5	6.5	9.0	13.0	6.5	9.5	16.5	13.5	14.5	18.0	16.0	17.0
10	12.0	4.0	7.0	17.0	6.5	10.5	14.0	11.5	13.0	21.5	17.0	19.0
11	13.0	4.0	7.0	18.5	8.0	11.5	15.0	10.5	12.0	20.5	14.0	17.0
12	14.5	5.5	8.5	21.0	9.0	13.5	19.0	9.0	13.0	20.5	13.5	16.5
13	17.5	8.0	11.5	19.0	12.0	14.0	20.5	10.0	14.0	20.0	13.0	16.0
14	18.5	12.0	14.5	22.0	10.5	14.5	20.0	11.5	15.5	22.5	16.0	19.0
15	22.0	13.0	16.0	24.5	13.5	17.5	17.0	15.0	16.0	23.5	18.5	20.5
16	22.5	13.5	16.5	22.0	15.5	17.5	21.5	14.0	16.5	23.0	17.0	19.5
17	15.0	8.5	11.5	20.5	15.0	17.5	22.0	15.5	18.0	22.5	16.0	19.0
18	8.5	7.5	8.0	23.5	15.0	18.0	22.0	15.5	18.5	23.5	17.0	20.0
19	12.0	7.0	9.0	23.0	14.5	17.0	23.5	16.5	19.5	22.0	17.5	19.5
20	10.5	9.0	9.5	17.5	13.0	15.0	19.5	15.5	17.5	23.0	17.0	19.5
21	13.5	10.5	12.5	19.0	14.0	16.0	21.5	15.0	17.5	24.0	18.0	21.0
22	16.5	11.0	13.5	16.5	11.0	14.0	22.5	15.0	18.0	24.0	19.0	21.0
23	10.5	4.5	7.5	11.0	9.0	10.0	23.0	16.5	19.0	24.5	20.5	22.0
24	11.0	3.5	6.5	17.0	8.5	11.0	23.5	18.0	20.5	25.5	19.0	21.5
25	13.0	3.5	7.0	22.5	10.0	14.5	23.5	17.5	20.5	24.0	18.5	21.0
26	15.5	5.0	9.5	24.5	11.5	16.5	24.0	18.5	21.0	25.5	20.0	22.5
27	15.5	9.5	12.5	24.0	14.5	17.5	25.0	19.0	21.5	26.5	20.5	23.5
28	16.0	11.5	13.5	26.0	15.0	19.0	25.5	19.0	22.0	25.5	20.5	23.0
29	---	---	---	26.0	16.0	20.0	24.5	20.0	22.0	25.0	20.0	22.0
30	---	---	---	23.0	18.0	19.5	23.5	19.5	21.5	25.5	20.0	22.5
31	---	---	---	22.5	15.0	18.0	---	---	---	26.0	21.0	23.5
MONTH	22.5	3.5	11.5	26.0	6.5	14.5	25.5	9.0	17.5	26.5	13.0	20.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	21.5	24.0	---	---	---	27.5	24.5	25.5	29.5	23.5	25.5
2	23.0	22.0	23.0	---	---	---	27.5	24.0	25.5	30.0	22.0	25.5
3	25.5	21.5	23.5	---	---	---	28.0	24.0	25.5	25.5	24.0	25.0
4	26.5	21.5	23.5	---	---	---	28.0	22.5	25.0	---	---	---
5	26.0	22.0	23.5	---	---	---	28.5	23.5	25.5	---	---	---
6	22.5	21.0	22.0	27.0	24.5	25.0	28.5	23.5	26.0	---	---	---
7	23.0	21.0	22.0	26.5	23.5	25.0	28.0	24.0	25.5	---	---	---
8	---	---	---	27.0	23.5	25.0	24.0	22.0	23.0	---	---	---
9	---	---	---	27.5	24.0	25.5	23.0	21.0	22.0	---	---	---
10	---	---	---	27.5	23.5	25.5	24.0	21.0	22.0	---	---	---
11	---	---	---	28.0	24.5	26.0	24.5	20.5	22.0	---	---	---
12	---	---	---	27.5	24.5	25.5	25.0	17.0	21.5	---	---	---
13	---	---	---	27.5	24.0	25.5	27.0	21.0	23.5	---	---	---
14	---	---	---	26.5	24.0	25.0	24.5	21.0	23.5	---	---	---
15	---	---	---	26.5	24.0	25.0	27.5	22.5	24.0	---	---	---
16	---	---	---	26.5	24.0	25.0	29.0	21.5	24.5	---	---	---
17	---	---	---	26.5	24.0	25.0	28.0	22.5	24.5	---	---	---
18	---	---	---	25.5	23.5	24.5	28.5	21.5	24.5	---	---	---
19	---	---	---	25.5	23.5	24.0	28.5	23.0	25.0	---	---	---
20	---	---	---	25.5	23.5	24.0	28.5	23.0	25.0	---	---	---
21	---	---	---	26.5	23.5	24.5	30.0	23.0	25.5	---	---	---
22	---	---	---	25.0	23.5	24.0	28.5	23.5	25.5	---	---	---
23	---	---	---	26.0	23.0	24.0	30.0	24.0	26.5	25.5	22.0	23.5
24	---	---	---	27.0	22.5	24.5	30.5	24.0	26.5	22.5	18.5	20.5
25	---	---	---	27.5	23.5	25.0	28.5	23.5	25.0	18.5	17.5	18.5
26	---	---	---	27.0	23.5	25.0	30.0	24.0	26.0	20.0	18.5	19.5
27	---	---	---	27.0	24.0	25.0	26.5	24.5	25.0	21.0	19.0	20.0
28	---	---	---	27.0	23.5	25.0	28.5	23.5	25.5	20.5	18.0	19.0
29	---	---	---	27.5	24.0	25.5	29.5	23.0	25.5	23.0	19.0	20.5
30	---	---	---	28.0	24.0	25.5	28.5	23.5	25.5	23.0	20.5	21.5
31	---	---	---	27.5	24.0	25.5	27.0	24.5	25.5	---	---	---
MONTH	27.5	21.0	23.0	28.0	22.5	25.0	30.5	17.0	24.5	30.0	17.5	21.5
YEAR	30.5	2.0	17.0									

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'58'', long 81°36'13'', Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRS Road C, and 0.8 mi upstream of SRS Road B, at Savannah River Site.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 208 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Oct. 1 to Oct. 5, and May 3 to June 5, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 22, 1986, gage height, 3.87 ft; minimum daily, 0.75 ft^3/s, June 2, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 25 ft^3/s, Sept. 21, gage height, 1.61, minimum daily, .75 ft^3/s, June 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.2	1.2	1.2	.90	.90	.90	.99	.76	.82	.98	1.1
2	1.3	1.1	1.2	1.0	.90	1.1	.90	.94	.75	.81	.99	1.0
3	1.8	1.1	1.2	1.3	.90	1.3	.90	.90	.76	.87	.96	1.0
4	1.3	1.1	1.2	1.1	.90	.99	.91	1.2	.76	.95	.95	1.0
5	1.3	1.4	1.2	1.0	.90	.97	.96	1.1	.88	.99	.94	1.1
6	1.2	1.2	1.2	.96	.90	.94	.94	1.3	.93	.87	.94	1.0
7	1.2	1.3	1.2	.96	.90	.90	.97	1.1	.91	.85	.94	1.0
8	1.1	1.2	1.2	.96	.90	.90	1.0	1.1	.90	.84	.96	1.0
9	1.1	1.3	1.2	.96	.87	.90	1.3	1.3	1.3	.84	.96	.99
10	1.1	1.3	1.2	.96	.90	.90	1.7	1.6	.89	.86	.96	.99
11	1.1	1.3	1.2	.96	.90	.90	1.3	1.0	.87	.85	.96	.99
12	1.1	1.3	1.2	.96	.90	.89	.98	1.0	.86	.86	.95	.98
13	1.1	1.3	1.2	.96	.90	.86	.94	1.2	.85	.90	.94	.98
14	1.1	1.3	1.2	.96	.90	.84	.90	1.1	.85	.85	1.0	.97
15	1.1	1.3	1.2	.96	.89	.86	.99	1.1	.85	1.1	1.0	.99
16	1.1	1.3	1.2	.96	.88	.87	.94	1.0	.91	.93	1.0	.99
17	1.1	1.3	1.2	.96	.90	.86	.90	.98	.91	.88	1.0	.99
18	1.1	1.3	1.2	.96	.93	.87	.90	1.0	.87	.84	1.0	.99
19	1.1	1.3	1.2	.96	.96	.88	.90	.93	2.2	1.3	1.0	1.0
20	1.1	1.2	1.1	.94	.97	.90	.93	.90	1.2	1.2	1.0	1.0
21	1.1	1.2	1.1	.90	2.0	.90	.90	1.0	1.1	.98	1.0	3.3
22	1.1	1.2	1.0	.90	1.1	.90	.90	1.0	1.0	.90	1.0	3.4
23	1.1	1.2	1.0	.90	.95	1.3	.91	.81	.88	1.2	1.0	1.1
24	1.1	1.2	1.0	.93	.94	1.3	.90	1.0	.86	1.1	1.0	.99
25	1.1	1.2	1.0	.90	.90	.95	.90	.80	.93	.97	1.1	1.0
26	1.1	1.2	1.0	.90	.90	.90	.90	.90	.84	.94	1.1	1.0
27	1.1	1.2	1.0	.92	.90	.90	.90	.93	.84	.94	1.2	1.0
28	1.1	1.2	1.0	.90	.98	.90	.90	.88	.83	1.0	1.1	1.1
29	1.1	1.2	1.0	.90	---	.90	.90	.78	.84	.94	1.0	1.3
30	1.1	1.2	1.0	.91	---	.90	.90	.81	.83	.98	1.0	1.5
31	1.1	---	1.1	.90	---	.92	---	.78	---	1.0	1.0	---
TOTAL	35.9	37.1	35.1	29.94	26.77	29.30	29.17	31.43	28.16	29.36	30.93	35.75
MEAN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.95	1.00	1.19
MAX	1.8	1.4	1.2	1.3	2.0	1.3	1.7	1.6	2.2	1.3	1.2	3.4
MIN	1.1	1.1	1.0	.90	.87	.84	.90	.78	.75	.81	.94	.97

CAL YR 1988 TOTAL 2356.59 MEAN 6.44 MAX 164 MIN .89
WTR YR 1989 TOTAL 378.91 MEAN 1.04 MAX 3.4 MIN .75

021973525 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'26'', long 81°35'22'', Barnwell County, Hydrologic Unit 03060106, 200 ft south of L-Area, 625 ft north of SRP Road B, 0.6 mi west of intersection of SRS Road B and C, at Savannah River Site.

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 195.42 ft above National Geodetic Vertical Datum of 1929 (provided by Savannah River Site).

REMARKS.--Records good. Flow completely regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 533 ft^3/s, Jan. 8, 1988, gage height, 20.70 ft; minimum daily, 3.1 ft^3/s, Oct. 16, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 241 ft^3/s, Aug. 5, gage height, 9.16 ft; minimum daily, 47 ft^3/s, Jan. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	108	62	50	71	58	147	142	139	150	107	79
2	74	108	62	48	72	58	145	145	138	136	109	84
3	92	88	72	48	72	58	145	146	138	128	109	87
4	104	68	61	47	78	58	144	147	138	134	105	81
5	104	63	85	50	75	57	144	147	139	125	216	83
6	105	63	80	50	77	61	143	147	135	125	233	82
7	104	63	66	58	76	66	144	146	135	118	225	103
8	118	84	62	65	78	81	144	146	160	117	219	174
9	115	63	66	60	112	77	145	146	176	118	215	171
10	113	67	72	49	115	78	146	145	174	115	217	172
11	111	62	70	59	115	87	143	146	175	122	221	173
12	114	61	65	78	114	86	143	145	175	138	215	174
13	111	60	61	74	111	109	147	145	175	141	221	174
14	110	61	62	72	76	124	150	145	171	142	218	171
15	111	61	61	72	63	134	151	145	152	140	223	173
16	112	62	59	75	63	145	151	148	144	139	222	173
17	111	68	66	71	65	146	152	148	144	139	213	169
18	108	63	72	79	63	141	151	144	142	139	215	178
19	110	62	67	81	61	142	149	143	137	115	216	170
20	110	63	68	75	60	139	149	144	132	128	214	179
21	112	62	61	72	59	144	149	144	129	134	214	177
22	111	67	64	72	59	144	145	143	119	120	140	178
23	111	63	54	76	60	143	147	143	111	118	82	170
24	110	62	52	75	59	147	146	141	120	116	79	160
25	108	62	52	75	58	155	144	139	137	125	79	166
26	109	63	53	76	58	155	144	138	124	130	80	165
27	109	63	53	71	58	148	143	139	129	129	79	162
28	107	61	52	72	58	148	144	139	143	120	83	162
29	105	61	53	71	---	152	141	141	138	113	81	163
30	104	59	54	71	---	148	141	143	149	111	83	157
31	104	---	54	69	---	148	---	144	---	108	79	---
TOTAL	3292	2021	1941	2061	2086	3537	4377	4464	4318	3933	5012	4510
MEAN	106	67.4	62.6	66.5	74.5	114	146	144	144	127	162	150
MAX	118	108	85	81	115	155	152	148	176	150	233	179
MIN	65	59	52	47	58	57	141	138	111	108	79	79

CAL YR 1988 TOTAL 77303 MEAN 211 MAX 387 MIN 20
WTR YR 1989 TOTAL 41552 MEAN 114 MAX 233 MIN 47

021973527 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1985 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1985 to current year.

INSTRUMENTATION.--USGS Mini-monitor since October 1985.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 76.0°C, May 2, 1986; minimum, 5.0°C, Jan. 21, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 27.5°C, Aug. 24; minimum, 9.0°C, Dec. 18 -20, Jan. 22 - 23, Feb. 25 - 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

021973527 L-007 OUTFALL AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°09'42'', long 81°37'57'', Barnwell County, Hydrologic Unit Code 03060106, on downstream side of intake tower, 150 ft upstream of L-Lake Dam, 200 ft from left bank, at Savannah River Site, SC.

GAGE-HEIGHT RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 203 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Established October 27, 1987 in cooperation with the Department of Energy.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.37 ft, July 21, 1988; minimum, 6.16 ft, Jan. 12, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.34 ft, Feb. 22, 23, June 21, 22; minimum 6.16 ft, Jan. 12.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.28	6.43	6.27	6.36	6.66	7.19	6.76	7.04	6.59	7.00	6.76	6.88
2	6.26	6.48	6.25	6.35	6.68	7.18	6.74	7.06	6.59	7.00	6.68	6.90
3	6.29	6.50	6.24	6.35	6.69	7.25	6.74	7.02	6.58	6.98	6.60	6.91
4	6.37	6.51	6.23	6.36	6.72	7.25	6.74	6.95	6.56	6.99	6.55	6.92
5	6.41	6.54	6.23	6.32	6.73	7.24	6.76	6.91	6.55	7.04	6.57	6.93
6	6.45	6.54	6.24	6.28	6.76	7.14	6.75	6.93	6.55	7.03	6.76	6.94
7	6.47	6.52	6.25	6.25	6.79	7.05	6.75	6.91	6.55	7.00	6.97	6.95
8	6.49	6.51	6.26	6.24	6.81	6.90	6.76	6.87	6.54	6.96	7.05	7.03
9	6.54	6.50	6.28	6.23	6.83	6.78	6.88	6.84	6.69	6.90	7.08	7.16
10	6.60	6.50	6.29	6.21	6.89	6.68	7.01	6.89	6.76	6.84	7.11	7.18
11	6.67	6.51	6.30	6.18	6.96	6.61	7.08	6.87	6.81	6.78	7.15	7.16
12	6.72	6.50	6.32	6.16	7.02	6.53	7.09	6.84	6.88	6.76	7.18	7.07
13	6.77	6.48	6.31	6.17	7.09	6.47	7.08	6.81	6.93	6.81	7.22	6.97
14	6.79	6.47	6.31	6.22	7.13	6.43	7.08	6.79	6.97	6.80	7.27	6.84
15	6.80	6.45	6.31	6.26	7.15	6.41	7.12	6.80	7.00	6.80	7.28	6.73
16	6.78	6.44	6.33	6.32	7.17	6.42	7.15	6.79	7.01	6.80	7.29	6.65
17	6.76	6.43	6.34	6.36	7.17	6.44	7.16	6.77	7.02	6.80	7.20	6.61
18	6.73	6.42	6.35	6.40	7.17	6.44	7.18	6.74	7.03	6.80	7.07	6.60
19	6.70	6.40	6.35	6.46	7.18	6.45	7.18	6.72	7.09	6.82	7.01	6.60
20	6.67	6.38	6.35	6.50	7.18	6.45	7.20	6.69	7.26	6.94	7.03	6.60
21	6.66	6.37	6.36	6.51	7.25	6.45	7.19	6.68	7.28	7.05	7.04	6.82
22	6.66	6.36	6.37	6.52	7.33	6.47	7.18	6.68	7.32	7.07	6.98	7.05
23	6.64	6.36	6.37	6.52	7.31	6.54	7.17	6.68	7.24	7.09	6.88	7.06
24	6.61	6.37	6.37	6.52	7.30	6.62	7.16	6.68	7.13	7.12	6.79	7.07
25	6.59	6.36	6.37	6.54	7.27	6.63	7.14	6.68	7.11	7.09	6.78	7.06
26	6.56	6.34	6.36	6.56	7.23	6.65	7.12	6.67	7.05	7.07	6.78	7.05
27	6.55	6.33	6.34	6.57	7.20	6.69	7.10	6.66	6.96	7.03	6.79	7.06
28	6.53	6.34	6.32	6.58	7.20	6.70	7.09	6.65	6.93	7.01	6.82	7.03
29	6.50	6.32	6.32	6.59	---	6.71	7.06	6.62	6.95	6.95	6.84	7.02
30	6.46	6.29	6.30	6.62	---	6.73	7.04	6.60	7.00	6.85	6.84	7.02
31	6.41	---	6.30	6.64	---	6.75	---	6.60	---	6.86	6.86	---
TOTAL	203.72	192.95	195.59	198.15	196.87	208.25	210.46	210.44	206.93	215.04	215.23	207.87
MEAN	6.57	6.43	6.31	6.39	7.03	6.72	7.02	6.79	6.90	6.94	6.94	6.93
MAX	6.80	6.54	6.37	6.64	7.33	7.25	7.20	7.06	7.32	7.12	7.29	7.18
MIN	6.26	6.29	6.23	6.16	6.66	6.41	6.74	6.60	6.54	6.76	6.55	6.60

CAL YR 1988 TOTAL 2441.74 MEAN 6.67 MAX 7.36 MIN 6.23
WTR YR 1989 TOTAL 2461.50 MEAN 6.74 MAX 7.33 MIN 6.16

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: December 1987 to current year.

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 33.0°C, June 24, Aug. 3, 1988, Aug. 4, 1989; minimum, 9.5°C, Dec. 30. 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 33.0°C, Aug. 4; minimum, 9.5°C, Dec. 30.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	11.5	12.0	11.5	11.5	11.5	18.0	16.0	17.0	23.5	19.5	22.5
2	13.0	12.0	12.5	11.5	11.5	11.5	17.0	14.5	16.5	23.5	22.0	23.0
3	13.5	12.5	13.0	11.5	11.5	11.5	18.0	15.5	16.5	25.0	22.5	23.5
4	15.5	12.5	14.0	11.5	11.5	11.5	17.5	16.0	17.0	23.0	21.0	22.5
5	15.0	14.5	14.5	12.0	11.5	11.5	17.5	17.0	17.5	22.5	17.0	21.0
6	15.0	14.5	15.0	12.0	11.5	11.5	18.0	17.0	17.5	22.0	21.0	21.5
7	15.0	14.5	15.0	11.5	11.0	11.5	17.5	16.5	17.0	21.5	21.0	21.0
8	15.0	14.0	14.5	11.5	10.0	10.5	16.5	15.5	16.0	23.0	20.5	21.5
9	14.5	13.5	14.0	10.5	10.0	10.0	17.0	16.0	16.0	21.0	20.0	20.5
10	13.5	13.0	13.5	11.0	10.0	10.5	16.5	15.5	16.0	21.5	20.0	20.5
11	13.5	12.5	13.0	13.5	10.5	11.0	15.5	15.0	15.0	21.5	20.5	21.0
12	13.5	12.5	13.0	15.0	10.5	12.5	16.0	15.0	15.5	21.5	20.0	20.5
13	13.5	12.0	12.5	14.5	12.5	13.5	18.0	15.5	16.0	21.5	20.0	20.5
14	13.5	12.0	13.0	14.0	11.5	13.0	17.0	15.0	16.0	21.0	20.0	20.0
15	14.5	13.0	13.5	13.0	11.0	12.0	16.0	15.0	15.5	23.0	20.0	21.5
16	17.5	13.0	14.5	15.5	12.0	14.0	17.5	16.0	16.5	24.5	22.0	23.0
17	16.5	14.0	15.0	18.0	15.0	16.0	18.5	16.5	17.0	26.0	22.5	24.0
18	14.0	13.0	13.5	18.0	14.5	16.0	19.5	16.5	18.0	25.0	23.5	24.0
19	13.0	12.5	13.0	17.5	15.0	16.5	21.5	17.0	19.5	25.0	23.5	24.0
20	12.5	12.5	12.5	17.0	16.0	16.5	21.0	19.5	20.5	24.5	22.5	23.5
21	12.5	12.0	12.5	17.0	15.5	16.5	21.5	18.0	20.0	26.0	23.0	24.5
22	12.5	12.0	12.5	16.5	15.0	15.5	21.5	18.5	20.0	25.0	23.5	24.0
23	12.5	11.0	12.0	15.0	14.0	14.5	22.0	18.0	20.0	24.5	23.0	24.0
24	11.5	11.0	11.0	15.5	13.5	14.0	22.5	20.5	21.5	27.0	23.0	25.0
25	12.5	11.0	11.0	16.5	13.5	14.5	23.5	21.0	22.0	27.0	25.0	25.5
26	11.0	10.5	11.0	16.0	13.5	14.5	24.5	22.0	23.0	27.0	25.0	26.0
27	11.5	11.0	11.0	17.0	13.5	15.0	25.5	23.0	24.0	---	---	---
28	12.0	11.0	11.5	16.5	13.0	14.5	24.5	23.0	24.0	27.5	27.0	27.5
29	---	---	---	17.0	13.0	14.5	25.5	23.0	24.0	27.5	26.5	27.0
30	---	---	---	16.5	13.0	14.5	25.5	21.0	23.5	27.5	26.0	26.5
31	---	---	---	18.0	16.5	17.5	---	---	---	27.5	25.5	26.5
MONTH	17.5	10.5	13.0	18.0	10.0	13.5	25.5	14.5	18.5	27.5	17.0	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	26.0	27.0	29.5	28.5	29.0	31.5	29.5	30.5	30.0	28.5	29.0
2	30.5	27.0	28.5	29.0	28.0	28.5	31.5	30.5	31.0	31.0	28.5	29.0
3	30.5	27.0	29.0	28.5	28.0	28.0	32.5	30.0	31.5	29.5	29.0	29.0
4	29.5	28.0	29.0	28.5	27.5	28.0	33.0	30.5	31.5	29.0	27.5	28.0
5	29.0	26.5	28.0	28.5	27.5	27.5	32.5	30.0	31.0	27.5	26.5	27.0
6	27.0	27.0	27.0	29.0	27.5	28.0	32.5	30.5	31.5	26.5	26.0	26.5
7	28.0	26.5	27.0	29.5	27.5	28.5	32.0	31.0	31.5	27.0	26.0	26.5
8	27.0	25.5	26.5	30.5	28.5	29.5	31.5	29.0	30.0	28.0	26.5	27.0
9	26.0	24.5	25.5	31.0	29.0	30.0	29.0	28.0	28.5	27.0	25.5	26.5
10	27.5	25.5	26.5	31.5	29.0	30.5	28.0	27.0	27.5	27.0	25.5	26.0
11	29.0	26.5	27.5	32.5	30.0	31.5	27.5	26.5	27.0	27.5	25.5	26.0
12	29.0	26.5	27.0	32.0	31.0	31.5	27.5	26.5	27.0	28.0	25.5	26.5
13	27.5	26.5	27.0	31.5	29.5	31.0	28.0	26.5	27.0	28.0	26.0	27.0
14	29.0	27.0	27.5	30.5	29.0	29.5	27.0	26.5	26.5	28.0	27.0	27.5
15	27.5	26.5	27.5	30.0	29.0	29.5	27.0	26.0	26.5	28.0	25.0	27.0
16	27.5	26.5	27.0	29.5	28.5	29.0	29.0	26.5	27.5	27.0	25.0	26.0
17	27.5	26.5	27.0	30.0	28.0	28.5	30.0	26.5	28.0	28.5	26.0	27.0
18	30.5	26.5	28.0	30.5	28.5	29.5	30.5	27.5	28.5	27.0	25.5	26.0
19	28.0	27.0	27.5	29.5	28.5	29.0	30.0	27.5	28.5	25.5	24.5	25.0
20	27.5	26.5	27.0	29.0	27.5	28.5	29.5	27.5	28.5	24.5	24.0	24.0
21	27.5	26.5	27.0	28.0	27.5	27.5	30.0	28.0	28.5	24.0	23.5	24.0
22	29.0	26.5	27.5	28.5	27.5	28.0	30.0	27.0	28.5	23.5	23.0	23.0
23	28.5	27.5	28.0	29.0	27.5	28.0	29.0	27.5	28.5	23.0	23.0	23.0
24	30.5	27.5	28.5	29.5	27.5	28.5	31.0	28.5	29.5	23.0	21.5	22.0
25	29.5	28.5	29.0	30.5	29.0	29.5	31.5	29.5	30.0	21.5	20.5	21.0
26	30.0	28.5	29.0	31.0	29.5	30.0	30.0	29.0	29.5	20.5	20.5	20.5
27	29.5	28.0	28.5	31.0	28.5	29.5	30.0	28.5	29.0	20.5	20.0	20.5
28	31.0	28.5	29.5	32.0	28.0	30.0	29.5	27.5	28.5	20.0	19.5	20.0
29	30.5	29.5	30.0	32.0	30.0	31.0	30.5	28.0	28.5	20.5	19.5	20.0
30	29.5	29.0	29.0	31.0	29.0	30.5	29.5	28.0	28.5	21.0	20.0	20.5
31	---	---	---	30.5	29.0	30.0	30.0	28.5	29.0	---	---	---
MONTH	31.0	24.5	28.0	32.5	27.5	29.5	33.0	26.0	29.0	31.0	19.5	25.0
YEAR	33.0	9.5	20.5									

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°09'35'', long 81°37'56'', Barnwell County, Hydrologic Unit Code 03060106, on right wingwall, 2 ft downstream from headwall of spillway, directly below L-Lake Dam, at Savannah River Plant, SC.

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: November 1987 to current year.

INSTRUMENTATION.--U.S.G.S. mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.5°C, July 21, 1988; minimum, 7.0°C, Jan. 23, 1989.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.5°C, Aug. 1; minimum, 7.0°C, Jan. 23.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197354 P-007 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°13'33'', long 81°34'39'', Barnwell County, Hydrologic Unit 03060106, near the middle of the stream, 50 ft southeast of P Area, and 1700 ft southwest of SRS Road F, at Savannah River Site.

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 310 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Feb. 3 to Apr. 6, 19, June 8, 9, 26, 27, Aug. 2, 4. Records poor. No estimates of discharge Aug. 5-31. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 19, 1984, gage height, 1.77 ft; no flow, Apr. 17, 19, 1987, many days in 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, June 19, gage height, 1.48 ft; minimum daily, .00 ft^3/s, many days.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.07	.0	.64	.24	.43	.08	.00	.26	.40	.00	.75	1.0
2	.05	.05	.67	.15	.44	.34	.00	.17	.41	.00	.71	1.0
3	.14	.01	.33	.36	.44	.57	.00	.07	.06	.08	.69	1.0
4	.11	.05	.12	.27	.45	.39	.00	.0	.31	.23	.82	1.0
5	.17	.08	.11	.21	.46	.43	.06	.07	.39	.34	.86	1.1
6	.10	.05	.08	.24	.45	.23	.12	.02	.41	.20	1.1	1.0
7	.11	.07	.04	.23	.45	.01	.00	.00	.40	.42	1.2	1.0
8	.00	.11	.04	.17	.45	.00	.17	.00	.42	.41	1.3	.82
9	.00	.14	.08	.18	.47	.00	.47	.18	.66	.44	1.3	.63
10	.01	.15	.06	.18	.47	.00	.75	.40	.40	.49	1.3	.55
11	.0	.17	.09	.13	.48	.00	.43	.30	.33	.53	1.4	.53
12	.00	.17	.21	.17	.51	.00	.11	.31	.03	.58	1.5	.54
13	.00	.20	.39	.15	.53	.00	.10	.32	.02	.57	1.4	.41
14	.00	.21	.27	.15	.53	.00	.00	.33	.26	.56	1.3	.51
15	.00	.22	.26	.16	.53	.00	.26	.36	.07	.69	1.1	.52
16	.00	.22	.28	.15	.54	.00	.04	.13	.38	.60	.75	.51
17	.10	.24	.25	.13	.53	.00	.00	.00	.37	.60	.77	.45
18	.17	.26	.26	.06	.51	.00	.00	.00	.40	.59	.73	.42
19	.00	.25	.26	.00	.46	.00	.00	.00	.62	.84	.84	.49
20	.00	.25	.25	.00	.49	.00	.04	.00	.45	.73	.82	.51
21	.00	.23	.25	.00	.84	.00	.0	.00	.37	.66	.78	1.4
22	.00	.07	.18	.00	.59	.00	.00	.11	.33	.66	.83	1.2
23	.00	.03	.17	.00	.52	.62	.00	.19	.00	.81	.94	.59
24	.00	.10	.16	.02	.55	.33	.00	.28	.00	.70	.98	.54
25	.00	.15	.13	.07	.43	.03	.00	.23	.33	.69	1.2	.55
26	.00	.17	.14	.10	.38	.00	.00	.32	.00	.70	1.1	.60
27	.00	.18	.13	.31	.34	.00	.07	.33	.02	.67	1.1	.56
28	.00	.29	.12	.32	.34	.00	.0	.34	.00	.72	1.2	.56
29	.00	.37	.15	.35	---	.0	.00	.35	.00	.69	1.1	.57
30	.00	.58	.14	.39	---	.0	.00	.36	.00	.71	1.0	.54
31	.01	---	.23	.42	---	.00	---	.41	---	.70	1.0	---
TOTAL	1.04	5.07	6.49	5.31	13.61	3.03	2.62	5.84	7.84	16.61	31.87	21.10
MEAN	.034	.17	.21	.17	.49	.098	.087	.19	.26	.54	1.03	.70
MAX	.17	.58	.67	.42	.84	.62	.75	.41	.66	.84	1.5	1.4
MIN	.00	.00	.04	.00	.34	.00	.00	.00	.00	.00	.69	.41

CAL YR 1988 TOTAL 222.21 MEAN .66 MAX 1.8 MIN .00
WTR YR 1989 TOTAL 120.43 MEAN .33 MAX 1.5 MIN .00

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°08'44'', long 81°37'44'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A, 160 ft downstream from Meyers Branch, at Savannah River Site.

PERIOD OF RECORD.--March 1985 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Feb. 22 - 27, Mar. 3, 6 - 13, 23, May 10 - 16, which are fair. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown Nov. 22, 1985, gage height, 3.55 ft; minimum daily, 7.7 ft^3/s, Sept. 14, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 528 ft^3/s, Aug. 15, gage height, 3.06 ft; minimum daily, 30 ft^3/s, Sept. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	74	71	77	60	89	148	163	140	161	166	32
2	54	71	71	63	60	96	148	187	139	160	163	32
3	59	70	66	72	60	136	149	185	138	160	141	31
4	59	69	57	80	60	101	148	174	141	170	122	31
5	53	81	58	64	60	121	148	163	139	185	120	33
6	51	81	57	62	61	156	149	168	142	169	118	34
7	50	76	58	61	62	158	151	163	142	167	144	32
8	46	74	58	61	58	163	155	161	140	162	189	30
9	40	74	59	60	57	159	192	162	173	160	207	79
10	42	75	59	62	56	154	197	167	152	158	208	149
11	48	78	58	61	57	152	197	164	141	157	207	178
12	48	77	59	61	57	150	170	162	138	157	208	216
13	48	76	57	61	57	150	166	160	137	173	213	217
14	76	76	57	60	57	149	163	160	135	161	242	218
15	118	74	56	60	57	148	173	159	135	159	359	222
16	120	74	64	60	55	148	169	160	141	166	469	198
17	120	75	62	59	55	148	162	160	155	161	391	148
18	121	74	59	59	55	149	161	161	154	157	332	130
19	123	74	58	57	58	148	163	160	166	99	278	131
20	125	75	56	58	61	148	168	159	208	60	216	132
21	133	74	56	60	89	149	165	150	199	105	262	204
22	133	74	56	59	101	149	162	144	236	148	218	243
23	133	79	56	59	84	165	160	146	216	158	116	171
24	133	81	56	58	90	182	160	145	211	165	71	161
25	134	75	57	58	87	158	159	144	224	142	39	160
26	134	74	57	58	84	152	158	144	212	148	50	161
27	134	73	56	59	83	150	155	143	189	163	44	161
28	136	77	56	59	92	150	154	142	159	169	40	156
29	136	74	56	58	---	148	154	142	164	163	35	156
30	136	73	56	61	---	149	154	141	170	168	34	157
31	116	---	60	63	---	149	---	141	---	187	33	---
TOTAL	2951	2252	1822	1910	1873	4524	4858	4880	4936	4818	5435	4003
MEAN	95.2	75.1	58.8	61.6	66.9	146	162	157	165	155	175	133
MAX	136	81	71	80	101	182	197	187	236	187	469	243
MIN	40	69	56	57	55	89	148	141	135	60	33	30

CAL YR 1988 TOTAL 88409 MEAN 242 MAX 450 MIN 40
WTR YR 1989 TOTAL 44262 MEAN 121 MAX 469 MIN 30

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.

GAGE-HEIGHT RECORD

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

GAGE.--Data collection platform. Datum of gage is 71.002 ft above National Geodetic Vertical Datum of 1929 (levels by USGS personnel, Bench Mark elevation supplied by SRS.)

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.60 ft, Mar. 26, 1989; minimum .48 ft, Aug. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.60 ft, Mar. 26; minimum, .57 ft, May 30, 31, June 4, 5.

GAGE HEIGHT (FEET ABOVE NGVD), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.94	.92	1.11	1.29	.77	---	2.37	---	.63	---	2.06	6.80
2	.88	1.37	1.15	1.57	.79	4.79	2.14	---	.63	---	4.06	6.00
3	.77	1.43	1.22	1.50	.76	4.95	1.54	---	.61	---	3.47	4.05
4	2.04	1.31	1.14	1.43	.78	3.99	1.22	---	.57	---	3.04	1.64
5	7.20	1.35	.99	1.86	.83	3.04	1.13	---	.57	---	2.27	1.76
6	---	1.38	.89	2.75	.82	3.69	1.07	---	.63	---	1.31	5.22
7	---	1.24	.86	1.99	.90	3.66	1.03	---	.72	6.33	1.01	6.49
8	---	1.09	.84	1.15	.98	5.74	1.55	---	.70	2.99	.92	6.80
9	---	.97	.79	1.08	1.19	5.03	2.08	---	1.09	1.93	1.17	7.17
10	---	1.03	.85	1.04	1.75	2.96	3.51	---	1.73	1.36	1.48	---
11	1.01	1.01	1.00	1.49	1.56	2.00	7.28	---	1.83	1.51	1.63	---
12	.90	1.05	.95	2.70	1.03	1.46	8.12	---	1.42	1.65	1.18	---
13	.78	1.07	.85	2.64	.76	1.28	---	---	1.08	2.02	.89	---
14	.96	.95	.95	1.83	.74	1.27	---	---	.76	2.90	.84	7.24
15	1.21	.85	.95	2.39	.75	1.52	---	---	.66	3.28	.94	5.80
16	.91	.89	1.15	1.82	.74	1.51	---	1.44	.81	2.61	1.27	3.97
17	.81	1.16	1.23	1.12	.75	1.41	8.23	1.50	1.18	2.33	1.82	3.44
18	.76	1.48	.91	1.11	1.38	1.62	9.58	1.27	1.21	3.19	2.00	1.68
19	.89	1.36	.76	1.84	1.29	1.46	---	1.42	.99	4.89	2.19	1.06
20	.87	1.29	.69	1.85	.85	1.17	---	1.54	1.45	4.60	1.36	2.54
21	.94	1.22	.74	1.39	1.04	1.24	---	1.12	1.99	4.30	.96	3.79
22	1.03	1.03	.76	.96	3.17	1.36	---	.96	4.87	4.71	.87	8.06
23	1.11	.91	.78	.79	8.79	1.96	---	.87	7.48	5.67	1.32	10.29
24	.99	1.11	.70	.83	9.57	6.04	---	.93	---	4.82	3.95	---
25	.82	1.12	.67	.82	---	9.50	---	.93	---	3.87	4.93	---
26	1.03	1.44	.67	1.41	---	10.43	---	.87	---	4.89	3.54	---
27	1.36	1.56	.69	2.05	---	---	---	.80	---	4.37	2.69	---
28	1.50	1.11	.71	1.68	---	3.83	---	.77	---	3.52	1.41	4.41
29	1.23	.86	.69	1.11	---	2.75	---	.60	---	2.82	1.70	3.94
30	.90	1.04	.88	.83	---	2.20	---	.57	---	2.22	5.66	3.03
31	.86	---	1.04	.86	---	2.05	---	.57	---	1.68	7.17	---
TOTAL	32.70	34.60	27.61	47.18	41.99	93.91	50.85	16.16	33.61	84.46	69.11	105.18
MEAN	1.26	1.15	.89	1.52	1.75	3.24	3.63	1.01	1.46	3.38	2.23	4.78
MAX	7.20	1.56	1.23	2.75	9.57	10.43	9.58	1.54	7.48	6.33	7.17	10.29
MIN	.76	.85	.67	.79	.74	1.17	1.03	.57	.57	1.36	.84	1.06

CAL YR 1988 TOTAL 551.22 MEAN 1.60 MAX 7.78 MIN .46
WTR YR 1989 TOTAL 637.36 MEAN 2.11 MAX 10.43 MIN .57

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 33.0°C, Oct. 20, 1985; minimum, 0.5°C, Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.5°C, July 11; minimum, 3.0°C, Dec. 13, 18, 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.5	9.5	11.5	13.0	10.5	11.5	18.5	13.5	16.0	23.5	21.5	22.0
2	15.0	12.5	13.5	11.0	9.5	10.0	19.0	12.0	15.5	23.0	19.5	21.5
3	17.5	13.0	15.0	10.5	9.5	10.0	21.5	15.0	18.0	---	---	---
4	18.0	15.5	17.0	11.5	10.5	11.0	22.5	17.0	19.5	---	---	---
5	17.0	15.0	15.5	16.0	11.5	13.0	20.0	17.0	18.5	---	---	---
6	16.0	14.0	15.0	17.5	15.0	16.0	19.5	15.5	17.5	---	---	---
7	17.5	15.5	16.5	15.0	9.0	11.5	17.0	13.5	15.5	---	---	---
8	16.0	12.5	13.5	9.0	6.5	7.0	16.5	12.0	14.0	---	---	---
9	12.5	8.5	10.0	9.5	6.0	7.0	16.0	14.0	15.0	---	---	---
10	8.5	5.0	7.0	12.5	6.5	9.5	14.5	12.0	13.0	---	---	---
11	9.5	4.5	7.0	14.0	8.0	11.0	12.5	10.0	11.5	---	---	---
12	11.0	6.0	8.5	17.0	9.5	13.0	14.5	9.5	12.0	---	---	---
13	13.5	8.0	10.5	15.5	12.5	14.0	16.5	10.5	13.5	---	---	---
14	16.0	12.5	14.0	18.0	11.0	14.0	17.5	12.5	15.0	---	---	---
15	18.5	14.0	16.0	21.0	14.5	17.5	17.0	16.0	16.5	---	---	---
16	19.0	15.0	17.0	20.5	16.5	18.5	19.5	14.5	16.5	23.0	19.5	21.0
17	18.0	10.0	14.0	20.5	16.5	18.5	18.5	16.0	17.0	23.0	18.5	21.0
18	10.0	7.5	8.5	22.0	17.0	19.0	21.5	17.0	18.5	23.5	19.5	21.5
19	8.5	6.5	7.5	21.0	16.5	19.0	23.0	18.0	20.5	22.5	20.0	21.0
20	9.5	8.0	8.5	18.0	14.5	16.0	21.5	16.5	19.0	23.0	19.5	21.5
21	12.0	9.5	10.5	18.5	15.5	17.0	21.0	15.5	18.0	24.5	21.0	23.0
22	14.0	11.5	12.5	18.0	12.5	15.0	21.5	17.0	19.0	24.0	22.0	23.0
23	12.0	7.0	9.0	12.0	9.0	10.0	22.0	17.5	19.5	24.5	22.5	23.5
24	7.0	4.0	5.5	13.0	8.5	10.0	23.5	19.5	21.5	25.0	22.0	23.5
25	8.0	3.5	5.5	12.5	11.0	11.5	24.5	19.5	22.0	24.5	21.0	23.0
26	11.0	5.0	7.5	18.5	12.0	15.5	25.0	20.5	23.0	26.0	23.0	24.5
27	13.0	9.5	11.0	21.0	16.5	18.5	25.5	21.0	23.5	27.0	23.5	25.5
28	14.0	12.5	13.0	22.5	17.0	19.5	25.0	21.5	23.5	26.5	24.0	25.5
29	---	---	---	23.0	18.5	21.0	25.5	22.0	23.5	25.5	22.5	24.0
30	---	---	---	22.0	19.5	20.5	24.5	21.0	23.0	26.0	22.5	24.0
31	---	---	---	21.0	18.0	19.5	---	---	---	27.0	23.5	25.0
MONTH	19.0	3.5	11.5	23.0	6.0	14.5	25.5	9.5	18.0	27.0	18.5	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	24.0	26.0	26.5	24.5	25.5	28.5	26.5	27.5	27.0	25.5	26.0
2	27.5	25.0	26.5	26.0	24.0	25.0	28.0	26.5	27.0	27.5	26.0	26.5
3	27.5	25.5	26.5	27.0	24.5	25.5	28.5	26.5	27.5	27.5	26.0	26.5
4	27.0	24.5	25.5	26.5	24.5	25.5	28.5	26.0	27.5	26.0	24.0	25.0
5	27.5	25.0	26.0	27.0	25.0	26.0	29.0	26.5	27.5	25.0	23.5	24.0
6	25.5	23.5	24.5	27.5	25.0	26.0	29.0	27.0	28.0	25.5	23.5	24.0
7	25.5	23.0	24.0	28.0	25.5	27.0	28.5	27.5	28.0	25.5	24.5	25.0
8	25.0	23.5	24.0	28.5	26.5	27.5	27.5	24.5	26.0	25.5	24.5	25.0
9	25.0	23.0	24.0	29.0	26.5	27.5	24.0	23.0	23.5	25.5	24.5	25.0
10	26.5	23.5	25.0	29.0	26.5	27.5	23.5	22.5	23.0	26.5	24.0	25.5
11	26.0	24.0	25.0	29.5	27.0	28.5	24.0	22.5	23.0	26.5	24.0	25.5
12	26.5	24.0	25.5	28.5	27.0	28.0	24.0	22.5	23.0	26.5	24.5	25.5
13	27.0	24.5	26.0	28.5	26.0	27.5	25.0	23.0	24.0	26.5	24.5	25.5
14	27.5	25.0	26.5	27.5	26.0	26.5	24.5	24.0	24.5	26.0	24.5	25.0
15	27.0	25.0	26.5	27.5	26.0	26.5	26.0	24.0	24.5	27.0	24.5	25.5
16	26.0	24.5	25.0	27.5	26.0	26.5	26.0	24.0	25.0	26.5	25.0	26.0
17	25.5	23.5	24.5	27.0	26.0	26.5	26.5	24.5	25.5	26.0	24.0	25.0
18	27.0	24.0	25.5	26.5	25.5	26.0	26.0	24.0	25.0	24.5	22.5	24.0
19	27.0	25.0	26.0	26.5	25.5	26.0	26.5	24.5	25.5	24.0	22.5	23.0
20	26.0	23.5	25.0	26.0	25.0	25.5	27.0	25.0	26.0	23.0	22.0	22.5
21	26.5	24.0	25.0	27.0	24.5	25.5	27.5	25.0	26.5	23.5	23.0	23.0
22	26.0	24.0	25.0	26.0	24.5	25.5	27.5	25.5	27.0	25.0	23.0	23.5
23	26.5	24.0	25.0	26.0	25.0	25.5	28.5	26.5	27.5	25.0	24.0	24.5
24	27.0	24.5	25.5	26.5	24.0	25.0	28.0	26.5	27.5	24.5	20.5	22.5
25	27.5	25.0	26.0	27.5	25.5	26.5	27.5	26.0	26.5	20.5	18.5	19.0
26	28.0	25.0	26.5	27.5	25.5	26.5	27.5	25.5	26.5	20.0	18.5	19.0
27	28.5	25.5	27.0	27.0	26.0	26.5	27.5	26.0	26.5	21.0	19.5	20.0
28	28.5	26.0	27.0	28.0	25.0	26.5	28.0	25.5	26.5	20.0	19.0	19.5
29	27.5	26.5	27.0	28.5	26.5	27.5	27.0	25.5	26.5	22.5	19.5	20.5
30	26.5	25.0	26.0	28.5	26.5	27.5	27.0	26.0	26.5	23.0	21.5	22.5
31	---	---	---	28.5	26.0	27.0	27.0	26.0	26.5	---	---	---
MONTH	28.5	23.0	25.5	29.5	24.0	26.5	29.0	22.5	26.0	27.5	18.5	24.0
YEAR	29.5	3.0	18.0									

02197362 P-019 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'06'', long 81°35'00'', Barnwell County, Hydrologic Unit 03060106, on left wingwall of concrete weir, 50 ft north of junction of L-Line and Main Line railroad track, 1500 ft northwest of P-Area, at Savannah River Site.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 664 ft^3/s, Nov. 24, 1987, gage height, 4.45 ft; no flow, Apr. 13-29, 1985, Sept. 21-28, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 381 ft^3/s, Dec. 2, gage height, 3.86 ft; miniumum daily, 23 ft^3/s, Oct. 27, 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	38	64	54	57	65	38	39	40	59	77	71
2	35	48	205	52	57	66	36	40	39	71	66	71
3	39	47	62	62	60	66	36	41	38	71	131	70
4	85	48	49	59	68	67	36	42	39	70	247	71
5	105	42	47	69	69	65	36	42	39	74	257	71
6	52	42	47	64	71	32	35	42	41	70	255	70
7	70	41	45	61	69	45	32	42	48	72	253	69
8	53	44	45	56	73	38	33	42	46	72	249	63
9	53	41	44	61	78	36	32	42	57	72	246	58
10	57	39	45	66	74	35	33	41	65	78	247	58
11	62	39	45	62	73	35	33	41	65	78	246	58
12	61	39	45	68	72	38	37	41	65	71	245	58
13	62	40	45	62	67	34	38	40	65	70	246	58
14	62	40	45	62	63	37	36	40	70	69	246	58
15	63	39	46	62	65	38	39	41	67	70	206	58
16	63	40	49	62	76	37	39	42	57	71	48	58
17	61	45	50	64	65	36	39	42	55	71	48	58
18	55	50	56	80	61	40	39	41	57	71	47	58
19	55	48	56	74	66	32	38	40	62	78	49	58
20	44	41	64	62	64	47	38	42	66	80	58	58
21	39	45	59	60	63	35	37	42	70	75	60	60
22	39	30	65	61	65	31	36	42	80	79	71	62
23	38	34	58	67	68	31	36	39	88	84	68	62
24	37	37	54	68	68	33	36	39	72	83	62	62
25	35	46	52	68	65	32	39	39	57	75	59	62
26	30	45	54	69	65	32	50	38	57	72	59	61
27	23	45	55	58	65	48	40	38	57	72	76	60
28	24	48	56	57	66	57	40	38	63	74	82	61
29	24	51	56	58	---	39	36	38	69	75	75	63
30	23	50	57	59	---	38	36	39	59	75	76	62
31	24	---	53	57	---	39	---	40	---	77	80	---
TOTAL	1497	1282	1773	1944	1873	1304	1109	1255	1753	2279	4235	1867
MEAN	48.3	42.7	57.2	62.7	66.9	42.1	37.0	40.5	58.4	73.5	137	62.2
MAX	105	51	205	80	78	67	50	42	88	84	257	71
MIN	23	30	44	52	57	31	32	38	38	59	47	58

CAL YR 1988 TOTAL 70698.00 MEAN 193 MAX 455 MIN .00
WTR YR 1989 TOTAL 22171 MEAN 60.7 MAX 257 MIN 23

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 data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 75.5°C, May 24, 27, 28, 1986; minimum, 5.0°C, Jan. 24, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 29.5°C, Aug. 7; minimum, 9.5°C, Dec. 18 - 21, Feb. 25 - 27.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

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 and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 31.5°C, Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.0°C, July 31, Aug. 1, 3, 6, 7, 23, 24,; minimum, 9.0°C, Dec. 18, 19.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

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

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°14'07'', long 81°31'00'', Barnwell County, Hydrologic Unit 03060106, on right wingwall of spillway culvert below Par Pond, 200 ft upstream of SRS Road B bridge, at Savannah River Site.

DRAINAGE AREA.--34.9 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1974 to September 1982, February 1987 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 145 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Site operations.

AVERAGE DISCHARGE.--10 years (1975-82, 1987-89), 34.0 ft^3/s, 13.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 152 ft^3/s, May 30, 1977, gage height, 3.10 ft; minimum daily 0.60 ft^3/s, Nov. 29, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 103 ft^3/s, July 6, gage height, 2.59 ft; minimum daily, 0.88 ft^3/s, Oct. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	2.6	40	68	74	84	62	50	31	48	64	52
2	1.9	2.7	37	67	73	87	59	68	30	44	61	49
3	2.1	2.2	38	71	73	98	56	55	31	43	56	48
4	2.2	2.6	40	76	72	97	55	50	38	53	50	47
5	2.0	5.3	40	75	72	98	53	47	33	80	47	45
6	2.1	5.0	41	74	73	95	52	51	34	61	50	43
7	2.4	6.3	42	75	74	91	52	49	34	62	51	43
8	2.0	6.9	43	74	74	87	52	46	34	56	51	42
9	2.1	9.4	44	72	74	83	101	46	62	52	51	42
10	2.2	12	46	73	73	78	120	69	55	50	50	40
11	1.6	16	46	73	72	75	141	62	45	48	49	39
12	.88	17	47	72	72	71	98	55	42	46	49	38
13	1.0	19	47	73	72	69	86	51	40	49	49	37
14	1.4	20	47	72	72	68	80	49	38	47	49	36
15	2.1	22	48	72	72	67	89	50	36	52	51	35
16	1.6	24	50	70	72	67	94	49	47	80	58	35
17	.91	27	51	69	73	66	80	46	71	60	62	34
18	.89	29	50	69	72	64	74	44	60	55	69	34
19	1.0	31	51	70	71	61	70	43	54	57	66	31
20	1.1	33	52	70	72	60	70	42	105	88	64	29
21	1.2	34	53	70	82	60	69	41	76	97	64	39
22	1.4	35	54	70	91	61	64	40	94	105	62	62
23	1.3	37	55	70	88	68	61	39	73	83	57	57
24	1.2	38	56	69	89	72	59	38	65	76	54	53
25	1.2	38	57	69	87	70	56	37	66	69	56	50
26	1.3	40	57	70	83	67	54	36	61	64	58	49
27	1.2	41	56	75	81	65	52	36	56	59	56	47
28	1.4	43	57	77	84	65	50	34	52	65	52	45
29	1.6	38	58	75	---	64	49	33	50	66	49	42
30	2.1	39	57	75	---	63	48	32	50	63	48	41
31	2.0	---	60	76	---	63	---	32	---	64	51	---
TOTAL	49.28	676.0	1520	2231	2137	2284	2106	1420	1563	1942	1704	1284
MEAN	1.59	22.5	49.0	72.0	76.3	73.7	70.2	45.8	52.1	62.6	55.0	42.8
MAX	2.4	43	60	77	91	98	141	69	105	105	69	62
MIN	.88	2.2	37	67	71	60	48	32	30	43	47	29

CAL YR 1988 TOTAL 12752.88 MEAN 34.8 MAX 91 MIN .88
WTR YR 1989 TOTAL 18916.28 MEAN 51.8 MAX 141 MIN .88

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1984 to December 1986, January 1987 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April 1984 to December 1986 and January 1987 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 36.5°C, May 8, 1986; minimum, 8.0°C, Jan. 26, 1985.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, July 12, Aug. 23, Sept. 2; minimum, 10.5°C, Feb. 25, Mar. 10.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

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

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER SITE, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--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	12.0	11.5	11.5	16.0	15.0	15.5	22.0	20.0	21.5
2	13.5	12.5	13.0	12.0	11.0	11.5	16.0	14.0	15.5	21.0	20.5	21.0
3	14.0	13.0	13.5	12.0	11.5	11.5	16.0	14.5	15.0	22.0	20.0	21.0
4	15.0	13.5	14.0	11.5	11.5	11.5	16.5	15.0	16.0	21.0	19.5	20.0
5	14.0	13.5	14.0	13.0	11.5	12.0	16.5	16.0	16.5	20.5	19.5	20.0
6	15.0	14.0	14.5	12.5	11.5	12.0	16.5	16.0	16.0	21.0	20.0	20.5
7	15.0	14.5	15.0	12.0	11.5	11.5	16.0	15.5	15.5	20.0	19.5	20.0
8	15.0	14.5	14.5	12.0	11.0	11.5	15.5	15.0	15.0	21.0	19.5	20.0
9	14.5	13.5	14.0	12.5	11.0	11.5	16.0	15.0	15.5	20.5	19.5	19.5
10	13.5	13.0	13.5	12.0	10.5	11.0	15.5	14.5	15.0	20.5	19.5	20.0
11	13.5	12.5	13.0	12.0	11.0	11.5	15.0	14.5	15.0	20.0	19.5	19.5
12	14.0	12.5	13.5	13.5	11.0	12.5	15.0	14.5	15.0	20.0	19.5	19.5
13	13.0	12.5	13.0	13.0	11.5	12.0	16.0	14.5	15.0	20.5	19.5	20.0
14	14.0	13.0	13.5	13.5	11.5	12.5	15.5	14.5	15.0	20.0	19.5	19.5
15	15.0	13.5	14.0	14.0	12.5	13.5	16.0	15.0	15.5	21.5	19.5	20.5
16	16.5	14.0	15.0	14.0	13.0	13.5	16.5	15.5	16.0	22.0	21.0	21.5
17	14.5	13.5	14.0	15.5	13.0	14.0	16.5	15.5	16.0	23.5	21.5	22.5
18	13.5	13.0	13.0	16.0	14.5	15.0	17.5	15.5	16.5	23.0	21.5	22.5
19	13.0	12.5	12.5	16.0	15.0	15.5	19.0	16.0	17.5	23.0	22.0	22.5
20	13.0	12.5	12.5	15.0	14.5	15.0	18.5	17.0	17.5	23.5	22.5	23.0
21	13.0	12.5	13.0	15.5	15.0	15.0	18.5	17.0	17.5	26.0	23.0	24.0
22	13.5	12.5	13.0	15.0	14.0	14.5	19.5	18.0	18.5	25.5	23.5	24.0
23	12.5	11.5	12.0	14.0	13.5	13.5	19.5	18.0	18.5	24.0	23.5	24.0
24	12.5	11.0	11.5	14.0	13.5	14.0	19.5	18.0	19.0	25.5	23.0	24.5
25	12.0	10.5	11.5	15.5	14.0	14.5	21.0	19.0	20.0	27.0	24.5	25.5
26	12.5	11.0	11.5	14.5	13.5	14.0	21.5	20.0	20.5	26.5	25.5	26.0
27	12.5	11.5	12.0	15.0	14.0	14.5	22.0	20.5	21.5	27.5	25.5	26.5
28	12.5	11.5	12.0	15.0	14.0	14.5	21.5	20.5	21.0	27.0	25.5	26.0
29	---	---	---	15.5	13.5	14.5	22.5	20.0	21.5	26.0	25.0	25.5
30	---	---	---	15.0	13.5	14.5	22.5	20.5	22.0	27.5	25.5	26.0
31	---	---	---	16.5	14.5	15.5	---	---	---	29.0	25.5	26.5
MONTH	16.5	10.5	13.0	16.5	10.5	13.0	22.5	14.0	17.0	29.0	19.5	22.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.0	26.0	28.0	27.0	26.5	26.5	30.0	26.5	28.5	29.5	28.0	28.5
2	29.5	27.0	28.5	27.0	26.5	27.0	30.0	28.0	29.0	30.5	28.0	29.0
3	30.0	28.0	29.0	27.0	26.5	26.5	29.5	27.5	28.0	28.5	27.5	28.0
4	29.5	28.0	28.5	27.0	25.5	26.5	29.5	27.5	28.5	28.0	27.0	27.5
5	28.5	26.5	27.5	26.0	25.5	26.0	29.0	28.0	28.5	27.0	26.0	26.5
6	27.0	26.0	26.5	27.0	25.5	26.0	29.5	28.0	28.5	26.5	26.0	26.0
7	27.0	25.5	26.5	27.0	26.0	26.5	29.5	28.5	29.0	26.5	26.0	26.0
8	26.5	25.5	26.0	27.0	26.0	26.5	28.5	27.5	28.0	27.0	25.5	26.0
9	25.5	24.0	24.5	28.0	26.0	27.0	27.5	26.5	27.0	28.5	25.5	26.5
10	25.5	24.0	25.0	29.0	27.0	28.0	27.0	26.0	26.5	28.5	26.0	26.5
11	26.0	25.0	25.5	30.0	28.0	29.0	26.5	25.5	26.0	28.0	26.0	26.5
12	27.0	25.5	26.0	30.5	28.5	29.5	26.5	25.5	26.0	27.5	26.0	26.5
13	26.0	25.5	26.0	29.5	28.0	29.0	26.5	25.5	26.0	27.0	25.5	26.5
14	26.5	25.5	26.0	28.5	28.0	28.5	26.0	25.5	26.0	27.5	25.5	26.5
15	26.5	26.0	26.0	29.0	27.0	28.0	26.0	25.5	26.0	27.5	26.5	27.0
16	26.5	25.0	25.5	27.0	26.0	26.5	27.5	25.5	26.5	28.0	26.0	27.0
17	25.5	25.0	25.5	26.5	26.0	26.0	28.0	26.5	26.5	27.5	26.0	27.0
18	28.0	25.0	26.5	26.0	25.0	25.5	28.5	26.0	27.0	27.0	25.5	26.0
19	26.5	24.0	25.5	26.0	25.0	25.5	28.0	26.5	27.5	25.5	24.5	25.0
20	25.0	24.0	24.5	26.5	25.5	26.0	28.0	26.5	27.0	25.0	24.5	24.5
21	25.5	24.0	25.0	26.5	26.0	26.5	28.0	26.5	27.5	25.0	22.0	24.0
22	27.5	25.0	26.0	27.0	25.0	26.0	30.0	26.5	28.0	25.0	23.0	24.5
23	27.5	25.0	26.5	26.5	25.0	25.5	30.5	27.5	29.0	25.0	24.5	24.5
24	29.0	25.0	27.0	27.5	25.0	26.0	30.0	28.0	29.0	24.5	23.0	23.5
25	28.5	25.5	27.0	28.0	26.0	27.0	29.5	28.0	28.5	23.0	22.0	22.5
26	27.0	26.0	26.5	28.5	26.5	27.0	29.0	28.0	28.5	22.5	22.0	22.0
27	27.5	25.5	26.5	28.5	26.5	27.0	29.5	28.0	28.5	22.0	21.5	22.0
28	27.5	26.0	26.5	29.0	27.0	28.0	29.5	27.5	28.0	22.0	21.0	21.5
29	27.0	26.5	26.5	28.0	27.0	27.5	30.0	27.5	28.5	22.0	21.0	21.5
30	27.0	26.5	26.5	28.0	26.0	27.0	30.0	28.0	29.0	22.0	21.5	21.5
31	---	---	---	28.5	26.0	27.0	29.0	27.0	28.5	---	---	---
MONTH	30.0	24.0	26.5	30.5	25.0	27.0	30.5	25.5	27.5	30.5	21.0	25.5
YEAR	30.5	10.5	19.5									

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 good.

AVERAGE DISCHARGE.--15 years, 79.7 ft^3/s, 18.26 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 735 ft^3/s, Mar. 13, 1980, gage height, 3.99 ft; minimum daily, 13 ft^3/s, July 19, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 251 ft^3/s, Sept. 22, gage height, 3.46 ft; minimum daily, 17 ft^3/s, Oct. 17 - 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	25	58	93	96	119	82	69	44	68	91	93
2	22	27	58	106	95	120	78	97	43	63	95	84
3	21	25	55	105	94	154	75	79	44	61	90	76
4	27	25	54	121	93	152	73	72	54	76	81	72
5	27	28	55	122	92	141	71	68	47	114	73	68
6	24	33	55	118	91	139	70	73	49	87	71	68
7	23	32	56	116	94	132	70	70	49	89	71	65
8	22	31	57	114	94	126	70	65	48	80	68	62
9	21	30	57	112	93	120	137	66	89	75	71	59
10	20	30	60	109	92	114	160	98	78	72	69	56
11	20	31	62	108	91	107	188	89	64	68	67	54
12	19	32	64	107	90	102	130	78	60	65	66	51
13	19	33	64	106	90	98	114	73	57	70	67	49
14	18	33	65	106	90	94	106	70	54	67	67	49
15	18	34	65	104	90	91	119	71	52	75	72	58
16	18	35	67	103	89	90	125	68	67	115	80	53
17	17	37	73	101	89	89	107	65	102	86	81	49
18	17	40	73	98	88	87	99	63	85	79	91	46
19	17	41	71	96	89	84	93	61	77	81	88	43
20	17	43	71	95	89	81	93	60	150	126	85	42
21	19	45	71	95	96	79	92	58	109	138	85	107
22	22	47	72	94	130	79	85	57	135	150	81	226
23	21	48	74	93	134	88	81	56	104	119	78	130
24	20	53	75	92	128	137	78	55	93	108	74	91
25	20	53	77	91	126	108	75	53	95	98	79	85
26	19	54	78	91	120	97	72	52	87	92	102	85
27	19	55	77	90	114	91	69	51	80	87	89	84
28	20	62	77	94	112	88	67	49	74	92	89	76
29	20	64	78	95	---	87	65	47	71	90	80	71
30	21	59	78	95	---	85	64	45	71	90	74	68
31	21	---	79	96	---	84	---	45	---	95	85	---
TOTAL	632	1185	2076	3166	2789	3263	2808	2023	2232	2776	2460	2220
MEAN	20.4	39.5	67.0	102	99.6	105	93.6	65.3	74.4	89.5	79.4	74.0
MAX	27	64	79	122	134	154	188	98	150	150	102	226
MIN	17	25	54	90	88	79	64	45	43	61	66	42

CAL YR 1988 TOTAL 20434 MEAN 55.8 MAX 186 MIN 17
WTR YR 1989 TOTAL 27630 MEAN 75.7 MAX 226 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 from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7 (revised).

DRAINAGE AREA.--8,650 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 52.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: June 30, Sept. 29, 30. Records good. Flow regulated by Thurmond Lake (see 02194500).

AVERAGE DISCHARGE.--38 years, 10,143 ft^3/s, 15.92 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, 19,800 ft^3/s, Mar. 26, gage height, 14.73 ft; minimum daily, 4,100 ft^3/s, June 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4670	4620	5020	5190	4760	5520	5860	4630	4100	4830	5310	10400
2	4620	4880	5060	5500	4720	6390	5950	4910	4260	4830	6700	9900
3	4510	5160	5110	5580	4690	8690	5520	5310	4230	4680	7350	8820
4	4820	5060	5100	5540	4660	8410	5030	5720	4180	4630	6760	6590
5	7940	5110	5000	5600	4710	7360	4860	5800	4140	5030	6350	5170
6	11600	5120	4920	6210	4720	7180	4800	5560	4180	7230	5390	7060
7	9680	5120	4860	6380	4740	7410	4740	5210	4270	9960	4820	9330
8	6840	4970	4850	5420	4810	8250	4860	4920	4300	8010	4610	9920
9	5950	4840	4820	5040	4870	9110	5640	4760	4460	6120	4590	10400
10	5590	4840	4810	4990	5260	7640	6560	4890	5010	5290	4920	10100
11	4920	4840	4940	5050	5430	6200	9480	5420	5400	5070	5150	7000
12	4730	4870	4970	5940	4830	5480	12000	7040	5210	5230	5010	4990
13	4560	4900	4930	6490	4580	5110	11800	7330	4900	5420	4590	7370
14	4490	4860	4940	6020	4310	5020	9160	5640	4530	5960	4430	10000
15	4860	4780	4960	5760	4580	5060	6850	4950	4340	6700	4430	10100
16	4740	4730	5080	6140	4580	5260	6690	4940	4300	6530	4640	8040
17	4570	4850	5220	5280	4540	5090	9550	5120	4620	6050	5080	7170
18	4490	5150	5120	5020	4740	5170	12800	4990	4870	6150	5460	5570
19	4490	5210	4900	5250	5210	5250	12100	4980	4740	7750	5640	4140
20	4640	5150	4280	5790	4800	4950	7940	5170	4870	8100	5350	4400
21	4620	5090	4280	5410	4780	4880	6300	4960	5380	8120	4720	6460
22	4720	4990	4340	5090	5410	4950	6200	4680	7100	8000	4470	9440
23	4810	4840	4840	4770	9770	5230	5640	4600	9960	9010	4530	13400
24	4770	4910	4810	4760	13000	7590	5160	4570	10300	9130	5930	14800
25	4650	5000	4700	4750	12300	11400	5080	4590	8250	7930	8110	14100
26	4570	5090	4690	4880	8590	14400	5290	4580	6610	8070	7680	13600
27	4920	5410	4700	5590	6770	14200	5180	4400	5530	8250	6780	10900
28	5120	5210	4280	5670	5810	9970	4990	4320	5060	7560	5740	9420
29	5120	4930	4730	5240	---	7150	4900	4300	4960	6810	4970	9180
30	4770	4900	4730	4830	---	6210	4720	4180	4820	6190	7050	8240
31	4660	---	5010	4820	---	5830	---	4160	---	5610	9960	---
TOTAL	165440	149430	150000	168000	161970	220360	205650	156630	158880	208250	176520	266010
MEAN	5337	4981	4839	5419	5785	7108	6855	5053	5296	6718	5694	8867
MAX	11600	5410	5220	6490	13000	14400	12800	7330	10300	9960	9960	14800
MIN	4490	4620	4280	4750	4310	4880	4720	4160	4100	4630	4430	4140

CAL YR 1988 TOTAL 1964160 MEAN 5367 MAX 11600 MIN 4000
WTR YR 1989 TOTAL 2187140 MEAN 5992 MAX 14800 MIN 4100

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 and data collection platform. Datum of gage is 13.39 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges: Sept. 16 - 18, which are fair. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--56 years, 11,688 ft^3/s, 16.12 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, 14,200 ft^3/s, Sept. 26, 27, gage height, 10.54 ft; minimum daily, 4,960 ft^3/s, June 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5760	5240	5510	5640	5740	7870	8450	6060	5010	5740	6890	9300
2	5650	5200	5560	5840	5710	7260	8270	5990	5000	5680	6720	10400
3	5540	5320	5600	6150	5690	8220	8100	6040	5050	5620	7590	10600
4	5480	5540	5630	6340	5660	10500	7530	6300	5040	5480	8390	10100
5	5620	5590	5640	6390	5640	11300	6860	6670	4990	5420	8020	8350
6	7500	5610	5570	6440	5670	10800	6440	6910	4960	5590	7470	6600
7	10200	5610	5510	6890	5680	10100	6230	6760	4970	7010	6620	7270
8	10700	5640	5460	7210	5690	10000	6090	6510	5010	9260	5850	9270
9	8830	5580	5450	6630	5710	10400	6190	6230	5090	9150	5560	10200
10	7100	5510	5430	6120	5760	11200	6930	6100	5150	7360	5440	10700
11	6410	5490	5430	6020	6000	10700	8370	6140	5450	6230	5540	10800
12	5850	5530	5490	6040	6220	9240	10700	6510	5800	5810	5690	9080
13	5560	5560	5530	6620	6070	8160	12400	7720	5820	5860	5670	6770
14	5410	5590	5510	7260	5770	7420	13300	8380	5640	5930	5440	7490
15	5330	5560	5500	7130	5640	7030	13400	7220	5410	6310	5270	10000
16	5450	5470	5540	6820	5610	6870	12000	6240	5260	6960	5250	10000
17	5440	5420	5610	6990	5590	6920	10400	5980	5200	7130	5330	8100
18	5290	5450	5720	6460	5570	6770	11300	6050	5320	6700	5570	7320
19	5190	5620	5720	6050	5650	6670	12700	6020	5470	6640	5870	5940
20	5140	5710	5580	6120	5950	6690	13500	5960	5480	7690	6050	5990
21	5220	5670	5480	6540	5860	6440	13100	6110	5520	8570	5970	5950
22	5240	5620	5440	6440	5860	6270	10800	6040	5840	8940	5560	7890
23	5280	5590	5470	6120	6400	6320	9020	5740	7040	9080	5320	10200
24	5340	5500	5490	5840	9190	6640	8010	5560	9280	9710	5350	12200
25	5350	5490	5470	5730	11600	8410	7300	5460	10500	10200	6200	13300
26	5250	5560	5420	5700	12400	11100	6990	5430	9860	9730	8010	14000
27	5180	5640	5410	5760	11900	12500	6920	5390	8240	9370	8380	13600
28	5370	5810	5400	6200	10000	13300	6710	5320	6790	9410	7650	11100
29	5540	5790	5420	6460	---	13500	6420	5270	6100	8880	6680	9660
30	5570	5590	5420	6230	---	11900	6230	5180	5890	8090	5870	9420
31	5400	---	5450	5870	---	9510	---	5070	---	7590	6880	---
TOTAL	186190	166500	170860	196050	188230	280010	270660	190360	180180	231140	196100	281600
MEAN	6006	5550	5512	6324	6722	9033	9022	6141	6006	7456	6326	9387
MAX	10700	5810	5720	7260	12400	13500	13500	8380	10500	10200	8390	14000
MIN	5140	5200	5400	5640	5570	6270	6090	5070	4960	5420	5250	5940

CAL YR 1988 TOTAL 2208730 MEAN 6035 MAX 10700 MIN 4400
WTR YR 1989 TOTAL 2537880 MEAN 6953 MAX 14000 MIN 4960

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 1988 TO SEPTEMBER 1989

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	TUR-BID-ITY (NTU)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
OCT												
11...	0620	7300	112	6.90	18.0	17	--	761	7.6	80	0.5	--
NOV												
15...	0730	6050	118	7.10	15.5	7.0	30	758	8.8	89	1.8	--
DEC												
07...	0810	5880	128	7.00	11.0	6.0	30	766	10.0	90	1.3	--
28...	1030	5400	120	7.20	14.0	2.9	--	764	9.5	92	--	110
JAN												
10...	0800	--	113	6.90	12.0	8.0	35	773	9.6	88	1.4	--
FEB												
07...	0745	--	120	7.50	15.5	7.0	40	766	8.4	84	0.9	--
MAR												
08...	0800	--	106	7.00	12.0	23	55	768	9.0	83	1.8	--
28...	1200	13300	70	6.70	14.5	21	--	767	8.4	82	--	550

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS TOTAL (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)	SODIUM PERCENT	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)
DEC												
28...	460	23	6.8	1.5	14	55	1	1.5	25	16	10	0.10
MAR												
28...	210	18	4.8	1.4	7.0	43	0.7	1.6	16	17	6.2	0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L)	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, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHOROUS TOTAL (MG/L AS P)	PHOS-PHOROUS DIS-SOLVED (MG/L AS P)
OCT												
11...	--	--	--	--	--	11	--	--	--	--	0.200	--
NOV												
15...	--	--	--	--	--	6	--	--	--	--	0.210	--
DEC												
07...	--	--	--	--	--	1	--	--	--	--	0.130	--
28...	8.7	78	73	0.11	1140	--	0.370	0.080	0.10	0.30	0.100	0.080
JAN												
10...	--	--	--	--	--	7	--	--	--	--	0.120	--
FEB												
07...	--	--	--	--	--	10	--	--	--	--	0.190	--
MAR												
08...	--	--	--	--	--	25	--	--	--	--	0.160	--
28...	8.1	61	55	0.08	2190	--	0.250	0.050	0.06	0.60	0.140	0.030

DATE	PHOS-PHOROUS 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)	LEAD, DIS-SOLVED (UG/L AS PB)
DEC												
28...	0.070	0.21	30	<1	40	<0.5	<1	<1	<3	2	210	<5
MAR												
28...	0.020	0.06	80	<1	69	<0.5	<1	1	<3	3	400	<5

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DATE	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)	URANIUM NATURAL DIS-SOLVED (UG/L AS U)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
DEC											
28...	<4	13	<0.1	<10	6	<1	<1.0	37	0.01	<6	31
MAR											
28...	<4	17	<0.1	<10	<1	<1	<1.0	30	--	<6	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, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT											
11...	--	--	--	--	--	--	--	--	--	--	7.0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	5.6
DEC											
07...	--	--	--	--	--	--	--	--	--	--	4.6
28...	10	146	96	<0.4	0.5	2.6	2.3	0.6	0.6	0.03	--
JAN											
10...	--	--	--	--	--	--	--	--	--	--	6.2
FEB											
07...	--	--	--	--	--	--	--	--	--	--	4.5
MAR											
08...	--	--	--	--	--	--	--	--	--	--	6.6
28...	40	1440	100	--	--	--	--	--	--	--	--

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	TUR-BID-ITY (NTU)	COLOR (PLAT-INUM-COBALT UNITS)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
APR											
11...	0700	--	110	7.30	14.5	17	40	769	8.5	83	0.5
MAY											
10...	0710	--	139	7.30	19.5	13	40	756	7.3	80	1.0
JUN											
13...	0640	--	110	7.40	26.0	16	15	763	6.7	83	0.3
JUL											
07...	0830	6600	110	7.20	27.5	10	--	765	6.5	82	--
11...	0705	--	110	7.10	27.0	19	50	766	5.8	72	0.9
AUG											
21...	0635	--	146	7.20	25.5	11	40	761	5.1	62	1.0
SEP											
25...	0705	--	78	6.90	20.5	22	30	763	6.6	73	0.8
30...	1030	9480	100	7.20	21.0	8.0	--	762	7.3	82	--

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS TOTAL (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)	SODIUM PERCENT	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)
JUL											
07...	K44	380	23	6.8	1.5	16	58	1	1.8	26	12
SEP											
30...	2000	330	21	6.0	1.5	12	51	1	3.1	25	9.0

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DATE	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)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	SOLIDS, DISSOLVED (TONS PER DAY)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)
APR										
11...	--	--	--	--	--	--	--	15	--	--
MAY										
10...	--	--	--	--	--	--	--	6	--	--
JUN										
13...	--	--	--	--	--	--	--	20	--	--
JUL										
07...	11	0.10	8.7	86	73	0.12	1530	--	0.430	0.020
11...	--	--	--	--	--	--	--	20	--	--
AUG										
21...	--	--	--	--	--	--	--	12	--	--
SEP										
25...	--	--	--	--	--	--	--	27	--	--
30...	7.9	0.10	10	57	62	0.08	1460	--	0.120	0.030

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHOROUS TOTAL (MG/L AS P)	PHOSPHOROUS DISSOLVED (MG/L AS P)	PHOSPHOROUS ORTHO, DISSOLVED (MG/L AS P)	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)
APR										
11...	--	--	0.140	--	--	--	--	--	--	--
MAY										
10...	--	--	0.150	--	--	--	--	--	--	--
JUN										
13...	--	--	0.170	--	--	--	--	--	--	--
JUL										
07...	0.03	0.40	0.180	0.140	0.120	0.37	70	<1	50	<0.5
11...	--	--	0.210	--	--	--	--	--	--	--
AUG										
21...	--	--	0.150	--	--	--	--	--	--	--
SEP										
25...	--	0.90	0.180	--	--	--	--	--	--	--
30...	0.04	0.40	0.110	0.060	0.050	0.15	80	<1	56	<0.5

DATE	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)	MANGANESE, DISSOLVED (UG/L AS MN)	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)
JUL										
07...	<1	<1	<3	2	250	1	<4	11	<0.1	<10
SEP										
30...	<1	<1	<3	2	390	1	<4	32	0.3	<10

DATE	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	CARBON, ORGANIC TOTAL (MG/L AS C)
APR										
11...	--	--	--	--	--	--	--	--	--	5.6
MAY										
10...	--	--	--	--	--	--	--	--	--	6.0
JUN										
13...	--	--	--	--	--	--	--	--	--	4.6
JUL										
07...	2	<1	<1.0	39	<6	20	27	481	100	--
11...	--	--	--	--	--	--	--	--	--	5.1
AUG										
21...	--	--	--	--	--	--	--	--	--	8.2
SEP										
30...	<1	<1	<1.0	36	<6	23	26	665	92	--

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

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC

LOCATION.--Lat 32°20'21'', long 81°07'43'', Jasper County, Hydrologic Unit Code 03060109, at right downstream side of fishing pier on Becks Ferry Road, 12 mi upstream from Abercorn Creek, and 5 mi northwest of Hardeeville, SC.

PERIOD OF RECORD.--September 1986 to current year.

GAGE.--Water-stage recorder. Records prior to October 1, 1987 are available through the US Geological Survey, Georgia District. Datum of gage is National Geodetic Vertical Datum of 1929, (levels furnished by the US Army Corps of Engineers).

REMARKS.--Gage established Sept. 15, 1986, operated by the US Geological Survey, Savannah, GA until Dec. 14, 1987 station then transferred to the USGS, South Carolina District.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height 12.81 ft, Mar. 15, 1987; minimum, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.14 ft, Sept. 27,28, minimum, 2.86 ft, June 9.

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.55	4.52	5.58	5.79	3.54	4.70	5.05	3.40	4.20	5.20	3.39	4.28
2	6.20	4.22	5.22	5.29	3.30	4.29	4.99	3.35	4.10	5.41	3.40	4.46
3	6.15	4.08	5.14	5.50	3.31	4.47	5.04	3.39	4.19	5.66	3.60	4.62
4	5.91	3.98	4.93	5.79	3.50	4.75	5.21	3.37	4.20	5.61	3.70	4.64
5	6.09	4.06	5.07	6.04	3.82	4.82	5.82	3.57	4.69	6.14	4.00	5.10
6	6.83	4.40	5.64	5.57	3.67	4.49	5.93	3.56	4.67	6.48	4.13	5.24
7	7.94	5.99	7.00	5.48	3.51	4.45	5.80	3.44	4.55	6.32	4.12	5.23
8	8.33	7.33	7.88	5.75	3.64	4.64	5.77	3.38	4.52	6.71	4.65	5.69
9	8.32	7.10	7.77	5.86	3.70	4.71	5.92	3.37	4.58	6.63	4.60	5.62
10	7.77	5.80	6.84	6.02	3.64	4.78	6.06	3.40	4.73	6.54	4.34	5.49
11	7.00	4.98	6.03	5.79	3.56	4.66	6.00	3.40	4.71	6.42	4.08	5.30
12	6.43	4.38	5.44	6.17	3.65	4.95	6.30	3.45	4.91	6.23	4.07	5.22
13	6.21	4.11	5.16	6.09	3.73	4.91	6.19	3.64	4.92	6.00	4.07	5.00
14	5.99	3.82	4.89	5.89	3.60	4.70	5.95	3.47	4.69	6.44	4.48	5.62
15	5.83	3.61	4.70	5.97	3.60	4.71	5.64	3.42	4.53	6.53	4.70	5.59
16	5.79	3.58	4.68	5.99	3.60	4.78	5.74	3.42	4.64	6.22	4.45	5.14
17	5.81	3.68	4.72	5.68	3.48	4.58	5.97	3.59	4.68	6.35	4.27	5.30
18	5.86	3.57	4.68	5.94	3.39	4.71	5.76	3.41	4.61	6.33	4.43	5.20
19	5.74	3.39	4.56	6.22	3.66	5.10	5.91	3.53	4.63	5.98	3.94	4.79
20	6.30	3.48	5.02	6.34	3.85	5.08	5.90	3.44	4.59	6.01	3.70	4.75
21	6.21	3.77	5.15	6.02	3.71	4.77	5.94	3.34	4.56	6.25	3.89	5.11
22	6.10	3.60	4.94	6.34	3.63	4.98	5.89	3.26	4.57	6.51	4.38	5.41
23	6.38	3.62	5.13	6.53	3.79	5.13	6.20	3.40	4.80	6.35	4.22	5.31
24	6.44	3.85	5.20	6.43	3.70	5.06	5.98	3.37	4.65	6.26	4.02	5.21
25	6.39	3.69	5.09	6.23	3.67	4.94	5.70	3.32	4.47	5.84	3.66	4.77
26	6.37	3.69	5.06	6.25	3.59	4.89	5.79	3.25	4.49	5.58	3.54	4.54
27	6.40	3.56	5.05	6.05	3.63	4.80	5.78	3.32	4.55	5.31	3.46	4.33
28	6.28	3.66	5.00	5.46	3.55	4.26	5.39	3.20	4.21	5.57	3.71	4.64
29	6.18	3.62	4.90	5.83	3.61	4.45	5.17	3.01	3.93	5.49	4.09	4.78
30	6.33	3.82	5.08	5.45	3.57	4.49	5.24	3.25	4.20	5.55	3.79	4.63
31	6.24	3.88	5.11	---	---	---	5.29	3.25	4.21	5.01	3.55	4.27
MONTH	8.33	3.39	5.38	6.53	3.30	4.73	6.30	3.01	4.52	6.71	3.39	5.01

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC--Continued

GAGE HEIGHT (FEET NGVD) WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.34	3.50	4.24	---	---	---	---	---	---	6.29	4.00	5.15
2	5.30	3.35	4.18	---	---	---	---	---	---	6.17	3.80	4.92
3	5.54	3.26	4.29	---	---	---	---	---	---	6.52	3.91	5.10
4	5.65	3.26	4.45	---	---	---	---	---	---	6.83	4.22	5.42
5	6.24	3.47	4.91	---	---	---	---	---	---	7.01	4.52	5.69
6	6.30	3.61	5.02	---	---	---	---	---	---	6.98	4.66	5.76
7	---	---	---	---	---	---	---	---	---	6.83	4.52	5.56
8	---	---	---	---	---	---	---	---	---	6.65	4.42	5.49
9	---	---	---	---	---	---	---	---	---	6.58	4.14	5.28
10	---	---	---	---	---	---	---	---	---	6.26	3.88	4.89
11	---	---	---	---	---	---	---	---	---	5.73	3.96	4.76
12	---	---	---	---	---	---	---	---	---	5.98	4.19	4.96
13	---	---	---	---	---	---	---	---	---	6.01	4.30	5.36
14	---	---	---	---	---	---	---	---	---	6.75	5.14	6.03
15	---	---	---	---	---	---	---	---	---	6.62	5.22	5.91
16	---	---	---	---	---	---	---	---	---	5.99	4.32	5.21
17	---	---	---	---	---	---	---	---	---	6.03	3.91	4.90
18	---	---	---	6.14	4.42	5.21	---	---	---	6.17	3.92	4.90
19	---	---	---	6.14	4.30	5.19	---	---	---	6.24	3.97	5.00
20	---	---	---	6.37	4.44	5.44	---	---	---	6.26	3.87	4.99
21	---	---	---	6.15	4.21	5.21	---	---	---	6.26	3.94	4.98
22	---	---	---	---	---	---	9.38	8.20	8.80	6.18	3.97	4.99
23	---	---	---	---	---	---	8.65	6.71	7.59	6.16	3.62	4.69
24	---	---	---	---	---	---	7.58	5.73	6.58	5.60	3.42	4.41
25	---	---	---	---	---	---	6.91	4.99	5.83	5.69	3.36	4.40
26	---	---	---	---	---	---	6.33	4.59	5.31	5.77	3.29	4.41
27	---	---	---	---	---	---	6.23	4.52	5.26	5.61	3.32	4.42
28	---	---	---	---	---	---	6.10	4.50	5.31	6.15	3.33	4.80
29	---	---	---	---	---	---	6.19	4.29	5.28	6.15	3.59	5.08
30	---	---	---	---	---	---	6.09	4.12	5.14	6.09	3.31	4.82
31	---	---	---	---	---	---	---	---	---	6.07	3.11	4.61
MONTH	---	---	---	---	---	---	---	---	---	7.01	3.11	5.06

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.07	2.96	4.47	6.74	4.12	5.53	6.68	4.77	5.74	7.55	5.65	6.56
2	6.09	2.92	4.39	6.62	3.96	5.36	6.64	4.58	5.53	7.85	6.77	7.31
3	6.15	2.98	4.44	6.45	3.83	5.16	6.96	4.92	5.88	7.98	7.17	7.60
4	6.16	2.97	4.44	6.39	3.73	5.00	7.02	5.71	6.38	8.06	7.22	7.68
5	6.13	2.93	4.34	6.31	3.66	4.92	7.08	5.56	6.27	7.76	6.21	7.07
6	5.94	2.92	4.27	6.17	3.70	4.76	6.64	5.20	5.90	6.83	4.99	6.01
7	6.02	2.90	4.29	5.86	4.12	5.00	6.42	4.62	5.56	6.55	4.75	5.71
8	5.75	2.91	4.17	6.60	5.47	6.07	5.87	4.10	5.06	7.28	5.53	6.49
9	5.75	2.86	4.09	7.12	6.30	6.74	5.85	3.80	4.95	7.74	6.49	7.15
10	5.05	2.94	3.84	6.97	5.18	6.19	5.65	3.64	4.67	8.06	7.02	7.52
11	5.11	3.02	4.09	6.02	4.31	5.25	5.57	3.56	4.51	8.21	7.35	7.75
12	5.63	3.38	4.54	5.60	3.94	4.71	5.81	3.69	4.66	8.01	6.99	7.59
13	5.52	3.72	4.55	5.54	3.80	4.55	5.92	3.75	4.78	7.37	5.43	6.59
14	5.55	3.48	4.36	5.79	3.77	4.54	6.14	3.72	4.84	7.15	5.10	6.11
15	5.58	3.28	4.27	6.37	4.04	4.99	6.19	3.54	4.88	7.86	5.86	6.83
16	5.58	3.30	4.33	6.38	4.58	5.33	6.22	3.53	4.88	8.10	6.93	7.57
17	5.68	3.07	4.21	6.69	4.85	5.59	6.26	3.64	4.94	8.17	7.07	7.66
18	5.93	3.25	4.34	6.74	4.65	5.60	6.31	3.89	5.10	7.89	6.40	7.20
19	6.11	3.42	4.60	6.72	4.57	5.59	6.34	4.16	5.35	7.36	5.49	6.56
20	6.15	3.49	4.72	7.03	4.93	5.87	6.46	4.35	5.48	6.55	4.42	5.64
21	6.15	3.48	4.68	7.14	5.75	6.51	6.45	4.41	5.49	6.59	4.13	5.46
22	6.03	3.76	4.78	7.32	6.06	6.73	6.14	3.94	5.13	7.18	4.94	6.08
23	6.15	4.20	5.22	7.47	6.25	6.88	5.84	3.53	4.71	8.13	6.29	7.29
24	6.90	5.45	6.25	7.58	6.39	7.00	5.81	3.28	4.52	9.28	7.74	8.54
25	7.77	6.60	7.16	7.88	6.75	7.28	6.21	3.82	4.97	9.88	9.08	9.51
26	7.91	6.88	7.48	7.91	6.80	7.38	7.20	4.73	6.00	10.04	9.63	9.83
27	7.55	6.05	6.95	7.64	6.51	7.08	7.48	6.05	6.73	10.14	9.77	9.95
28	6.85	5.14	6.11	7.59	6.42	6.93	7.28	5.90	6.64	10.14	9.35	9.76
29	6.70	4.31	5.52	7.54	6.22	6.84	6.91	5.30	6.27	9.52	8.23	8.84
30	6.90	4.17	5.48	7.31	5.77	6.58	6.63	4.52	5.69	8.66	7.54	8.09
31	---	---	---	6.97	5.41	6.26	6.77	4.50	5.55	---	---	---
MONTH	7.91	2.86	4.88	7.91	3.66	5.88	7.48	3.28	5.39	10.14	4.13	7.40

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA

LOCATION.--Lat 32°05'58'', long 81°05'29'', Jasper County, Hydrologic Unit 03060109, on downstream side of bridge, southeast side of U S Hwy 17-A over the Back River on the Ga-SC border.

PERIOD OF RECORD.--May 1989 to Aug. 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): May 1989 to Aug. 1989.
SPECIFIC CONDUCTANCE (Bottom): May 1989 to Aug. 1989.
WATER TEMPERATURE (Top): May 1989 to Aug. 1989.
WATER TEMPERATURE (Bottom): May 1989 to Aug. 1989.
DISSOLVED OXYGEN (Top): May 1989 to Aug. 1989.
DISSOLVED OXYGEN (Bottom): May 1989 to Aug. 1989.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 29000 microsiemens, July 13; minimum, 300 microsiemens, July 26, 27.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 31700 microsiemens, July 15; minimum, 500 microsiemens, July 25.
WATER TEMPERATURE (Top): Maximum, 31.5°C, Aug. 4; minimum, 21.0°C, May 15.
WATER TEMPERATURE (Bottom): Maximum, 31.0°C, Aug. 21; minimum, 21.0°C, May 12, 13.
DISSOLVED OXYGEN (Top): Maximum, 6.8 mg/L, May 14; minimum, 0.8 mg/L, June 25, 26.
DISSOLVED OXYGEN (Bottom): Maximum, 6.3 mg/L, May 11; minimum, 0.4 mg/L, June 23-25.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	20600	3000	10200
7	---	---	---	---	---	---	---	---	---	20200	2700	8830
8	---	---	---	---	---	---	---	---	---	18900	2700	8200
9	---	---	---	---	---	---	---	---	---	14700	2100	7750
10	---	---	---	---	---	---	---	---	---	14400	1100	6030
11	---	---	---	---	---	---	---	---	---	18400	2900	7580
12	---	---	---	---	---	---	---	---	---	23100	6200	12200
13	---	---	---	---	---	---	---	---	---	21100	7900	13900
14	---	---	---	---	---	---	---	---	---	28000	8500	14600
15	---	---	---	---	---	---	---	---	---	21900	7600	13900
16	---	---	---	---	---	---	---	---	---	22700	3300	13100
17	---	---	---	---	---	---	---	---	---	21800	7000	13300
18	---	---	---	---	---	---	---	---	---	22100	7100	13300
19	---	---	---	---	---	---	---	---	---	22200	6600	13000
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	28000	1100	11100

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	20300	2700	9980	14400	1400	8870	---	---	---
2	---	---	---	18800	3000	9860	18700	7400	10200	---	---	---
3	---	---	---	19100	2800	9230	15500	10400	12200	---	---	---
4	---	---	---	18300	2300	8430	16200	11100	12600	---	---	---
5	---	---	---	18500	2600	8460	16800	10300	12000	---	---	---
6	---	---	---	16200	2600	7870	19200	11800	13400	---	---	---
7	---	---	---	14500	2900	7610	21100	14800	16200	---	---	---
8	---	---	---	15500	3500	8550	21300	16000	18500	---	---	---
9	---	---	---	17500	4100	9440	22500	18800	19800	---	---	---
10	---	---	---	19600	5300	11100	22800	19600	21100	---	---	---
11	---	---	---	23200	6200	13100	24000	21100	22200	---	---	---
12	---	---	---	27800	7800	16100	25100	21800	22700	---	---	---
13	---	---	---	29000	10000	18200	25100	22300	23300	---	---	---
14	---	---	---	---	---	---	25900	19700	21600	---	---	---
15	---	---	---	---	---	---	20900	17500	19000	---	---	---
16	23600	9000	15800	---	---	---	20700	16200	18000	---	---	---
17	23800	9000	15500	---	---	---	20500	16000	18100	---	---	---
18	24000	9800	15100	---	---	---	21200	15700	17600	---	---	---
19	20600	9000	14200	24500	7000	14900	18700	15500	16900	---	---	---
20	23000	7000	14000	23500	4100	13100	20000	14500	16300	---	---	---
21	20800	5500	12800	20200	3200	11200	17800	13000	15000	---	---	---
22	19200	6000	11800	19100	2000	9000	16300	12300	13900	---	---	---
23	18200	5200	11100	17500	1100	6920	---	---	---	---	---	---
24	18200	3900	9280	13500	900	6250	---	---	---	---	---	---
25	16000	2000	8320	13300	500	4640	---	---	---	---	---	---
26	15200	1800	6760	14400	300	4260	---	---	---	---	---	---
27	12800	1000	5460	15300	300	4770	---	---	---	---	---	---
28	14600	1000	5660	16500	400	5580	---	---	---	---	---	---
29	18100	1500	7510	19900	700	8620	---	---	---	---	---	---
30	20700	1800	9220	18700	1400	8510	---	---	---	---	---	---
31	---	---	---	16800	1200	7670	---	---	---	---	---	---
MONTH	24000	1000	10800	29000	300	9360	25900	1400	16800	---	---	---
YEAR	29000	300	12100									

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	20500	3300	10300
7	---	---	---	---	---	---	---	---	---	20000	2300	9140
8	---	---	---	---	---	---	---	---	---	20700	3100	9070
9	---	---	---	---	---	---	---	---	---	18700	2100	8190
10	---	---	---	---	---	---	---	---	---	15900	1700	7030
11	---	---	---	---	---	---	---	---	---	19200	2800	8700
12	---	---	---	---	---	---	---	---	---	25000	6600	13700
13	---	---	---	---	---	---	---	---	---	24500	8600	15300
14	---	---	---	---	---	---	---	---	---	24700	9000	15500
15	---	---	---	---	---	---	---	---	---	23700	7900	15000
16	---	---	---	---	---	---	---	---	---	24500	7200	14300
17	---	---	---	---	---	---	---	---	---	23900	7600	14400
18	---	---	---	---	---	---	---	---	---	22900	8000	14100
19	---	---	---	---	---	---	---	---	---	22600	6900	13500
20	---	---	---	---	---	---	---	---	---	21800	6000	12700
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	25000	1700	12100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	19500	2800	9730	13600	2000	9260	---	---	---
2	---	---	---	20500	2600	9680	16800	7700	11600	---	---	---
3	---	---	---	19300	2200	8730	16600	10300	13400	---	---	---
4	---	---	---	18100	1800	8140	17300	12000	13800	---	---	---
5	---	---	---	18600	2100	8180	17500	11200	13300	---	---	---
6	---	---	---	16100	2600	7890	20000	12400	14300	---	---	---
7	---	---	---	14800	2700	7500	22000	15300	17200	---	---	---
8	---	---	---	15500	2900	8480	21500	17900	19200	---	---	---
9	---	---	---	17200	4200	9520	23700	19400	20900	---	---	---
10	---	---	---	19500	5300	11200	24000	20600	22000	---	---	---
11	---	---	---	23200	6300	13300	24900	21300	23000	---	---	---
12	---	---	---	28000	8000	16400	26100	22700	23800	---	---	---
13	---	---	---	29400	10000	18600	26100	22700	24300	---	---	---
14	---	---	---	31300	11200	20400	27400	21000	23000	---	---	---
15	---	---	---	31700	13300	21600	24900	19000	21100	---	---	---
16	27600	12400	18300	27600	11900	20300	24800	16500	19600	---	---	---
17	27400	10600	18100	27300	9500	17900	21900	16300	19000	---	---	---
18	27600	9800	17700	26600	8000	16200	21600	16600	18300	---	---	---
19	27400	8600	17000	25500	7500	15900	23000	16100	17900	---	---	---
20	26000	8000	15500	24700	4500	13900	20600	15000	17100	---	---	---
21	24200	7200	14200	21200	3600	12000	18200	13200	15600	---	---	---
22	22200	4000	12400	20700	2400	9550	16500	12400	14300	---	---	---
23	23200	5000	11500	18800	1400	7560	---	---	---	---	---	---
24	21200	4000	10400	14300	900	7050	---	---	---	---	---	---
25	19000	3000	9240	14300	500	4950	---	---	---	---	---	---
26	18200	2000	7820	---	---	---	---	---	---	---	---	---
27	16000	800	6120	---	---	---	---	---	---	---	---	---
28	15200	800	6180	19400	600	6410	---	---	---	---	---	---
29	18100	1100	7160	20900	1000	8360	---	---	---	---	---	---
30	20300	2000	9050	21000	1700	9870	---	---	---	---	---	---
31	---	---	---	15100	1300	7530	---	---	---	---	---	---
MONTH	27600	800	12000	31700	500	11600	27400	2000	17800	---	---	---
YEAR	31700	500	13500									

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	24.5	22.5	23.5
7	---	---	---	---	---	---	---	---	---	22.5	22.0	22.0
8	---	---	---	---	---	---	---	---	---	22.5	22.0	22.5
9	---	---	---	---	---	---	---	---	---	22.5	22.0	22.0
10	---	---	---	---	---	---	---	---	---	22.5	22.0	22.5
11	---	---	---	---	---	---	---	---	---	22.5	22.0	22.0
12	---	---	---	---	---	---	---	---	---	22.5	21.0	22.0
13	---	---	---	---	---	---	---	---	---	22.0	21.5	21.5
14	---	---	---	---	---	---	---	---	---	22.0	21.5	21.5
15	---	---	---	---	---	---	---	---	---	22.0	21.0	22.0
16	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
17	---	---	---	---	---	---	---	---	---	23.0	22.0	22.5
18	---	---	---	---	---	---	---	---	---	24.0	22.5	23.0
19	---	---	---	---	---	---	---	---	---	24.5	23.0	23.5
20	---	---	---	---	---	---	---	---	---	24.5	23.0	24.0
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	24.5	21.0	22.5

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

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

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

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	5.2	4.8	4.9
7	---	---	---	---	---	---	---	---	---	5.8	4.8	5.1
8	---	---	---	---	---	---	---	---	---	5.7	4.8	5.1
9	---	---	---	---	---	---	---	---	---	5.8	4.8	5.1
10	---	---	---	---	---	---	---	---	---	6.1	4.8	5.3
11	---	---	---	---	---	---	---	---	---	6.7	4.8	5.6
12	---	---	---	---	---	---	---	---	---	6.6	5.7	6.2
13	---	---	---	---	---	---	---	---	---	6.6	5.7	6.1
14	---	---	---	---	---	---	---	---	---	6.8	5.6	6.2
15	---	---	---	---	---	---	---	---	---	6.6	5.7	6.2
16	---	---	---	---	---	---	---	---	---	6.7	5.4	6.2
17	---	---	---	---	---	---	---	---	---	6.5	5.3	6.1
18	---	---	---	---	---	---	---	---	---	6.6	4.1	5.8
19	---	---	---	---	---	---	---	---	---	6.3	4.7	5.7
20	---	---	---	---	---	---	---	---	---	5.9	4.3	5.3
21	---	---	---	---	---	---	---	---	---	5.8	4.2	5.2
22	---	---	---	---	---	---	---	---	---	6.6	4.3	5.3
23	---	---	---	---	---	---	---	---	---	6.2	4.2	5.2
24	---	---	---	---	---	---	---	---	---	6.2	4.2	5.1
25	---	---	---	---	---	---	---	---	---	5.6	4.0	5.0
26	---	---	---	---	---	---	---	---	---	5.7	3.8	5.1
27	---	---	---	---	---	---	---	---	---	5.7	4.0	5.1
28	---	---	---	---	---	---	---	---	---	6.2	4.5	5.3
29	---	---	---	---	---	---	---	---	---	5.8	4.6	5.3
30	---	---	---	---	---	---	---	---	---	5.4	4.4	5.0
31	---	---	---	---	---	---	---	---	---	5.2	3.9	4.7
MONTH	---	---	---	---	---	---	---	---	---	6.8	3.8	5.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	4.0	2.0	3.3	4.3	2.7	3.3	---	---	---
2	4.6	3.0	4.1	4.5	1.9	3.4	3.4	2.5	2.9	---	---	---
3	---	---	---	4.1	1.9	3.3	3.1	2.3	2.7	---	---	---
4	4.8	2.5	3.8	4.8	2.1	3.4	3.7	2.1	2.5	---	---	---
5	---	---	---	4.8	2.0	3.5	4.0	2.2	2.8	---	---	---
6	4.2	2.2	3.3	4.7	2.2	3.5	4.3	2.5	3.1	---	---	---
7	4.4	2.4	3.6	4.7	2.5	3.8	4.3	2.6	3.4	---	---	---
8	4.2	2.7	3.6	5.0	2.5	4.0	3.4	2.7	3.0	---	---	---
9	3.7	2.1	3.1	5.2	2.7	4.2	4.0	2.8	3.5	---	---	---
10	4.6	2.2	3.1	5.4	3.0	4.4	3.8	2.8	3.4	---	---	---
11	4.4	1.7	2.8	5.3	2.9	4.4	3.6	2.9	3.4	---	---	---
12	---	---	---	5.2	2.5	4.1	3.8	3.1	3.4	---	---	---
13	---	---	---	4.8	2.6	4.0	3.7	3.3	3.5	---	---	---
14	---	---	---	4.6	2.4	3.7	4.2	3.1	3.6	---	---	---
15	---	---	---	4.5	2.0	3.5	5.0	3.2	3.7	---	---	---
16	4.6	2.6	3.8	4.6	2.3	3.6	4.1	3.1	3.5	---	---	---
17	4.1	2.3	3.4	4.9	2.2	3.8	4.2	3.2	3.5	---	---	---
18	4.0	1.8	3.1	4.4	2.4	3.7	4.1	2.7	3.2	---	---	---
19	3.9	2.0	3.2	4.5	1.5	3.7	4.1	2.4	2.9	---	---	---
20	4.4	1.7	3.3	5.4	2.4	3.8	4.0	2.2	2.9	---	---	---
21	4.0	1.6	3.2	5.2	3.1	4.2	3.8	2.5	3.1	---	---	---
22	4.2	1.4	3.2	5.5	3.3	4.4	3.8	2.6	3.1	---	---	---
23	4.0	1.2	3.0	5.4	3.6	4.7	---	---	---	---	---	---
24	4.4	1.2	3.0	5.4	3.7	4.6	---	---	---	---	---	---
25	4.2	.8	2.9	5.5	3.5	4.8	---	---	---	---	---	---
26	4.2	.8	3.0	5.4	3.7	4.7	---	---	---	---	---	---
27	4.2	1.4	3.1	5.2	3.5	4.6	---	---	---	---	---	---
28	4.5	1.4	3.3	5.3	3.4	4.4	---	---	---	---	---	---
29	4.2	2.2	3.6	4.8	3.1	4.1	---	---	---	---	---	---
30	4.2	1.8	3.4	4.5	2.9	3.7	---	---	---	---	---	---
31	---	---	---	4.5	2.8	3.6	---	---	---	---	---	---
MONTH	4.8	.8	3.3	5.5	1.5	4.0	5.0	2.1	3.2	---	---	---
YEAR	6.8	.8	4.0									

021989794 BACK RIVER AT US HWY 17-A AT SAVANNAH, GA--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	5.6	4.8	5.0
7	---	---	---	---	---	---	---	---	---	6.0	4.8	5.3
8	---	---	---	---	---	---	---	---	---	6.1	4.8	5.4
9	---	---	---	---	---	---	---	---	---	6.1	4.8	5.2
10	---	---	---	---	---	---	---	---	---	6.2	4.8	5.6
11	---	---	---	---	---	---	---	---	---	6.3	4.8	5.6
12	---	---	---	---	---	---	---	---	---	6.1	5.3	5.8
13	---	---	---	---	---	---	---	---	---	6.1	5.3	5.7
14	---	---	---	---	---	---	---	---	---	6.2	5.2	5.8
15	---	---	---	---	---	---	---	---	---	6.1	5.2	5.7
16	---	---	---	---	---	---	---	---	---	6.1	5.0	5.7
17	---	---	---	---	---	---	---	---	---	5.9	4.9	5.6
18	---	---	---	---	---	---	---	---	---	6.1	5.1	5.5
19	---	---	---	---	---	---	---	---	---	5.7	4.7	5.3
20	---	---	---	---	---	---	---	---	---	5.4	4.4	5.0
21	---	---	---	---	---	---	---	---	---	5.4	3.8	4.8
22	---	---	---	---	---	---	---	---	---	5.2	4.0	4.7
23	---	---	---	---	---	---	---	---	---	5.3	3.5	4.9
24	---	---	---	---	---	---	---	---	---	5.3	3.7	4.6
25	---	---	---	---	---	---	---	---	---	4.9	3.6	4.4
26	---	---	---	---	---	---	---	---	---	5.0	3.6	4.3
27	---	---	---	---	---	---	---	---	---	5.5	3.2	4.2
28	---	---	---	---	---	---	---	---	---	5.0	2.3	4.1
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	6.3	2.3	5.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	4.4	1.5	2.9	4.3	2.5	3.2	---	---	---
2	---	---	---	4.6	1.6	3.1	3.4	2.3	2.9	---	---	---
3	---	---	---	5.1	1.6	3.5	3.2	2.3	2.7	---	---	---
4	---	---	---	---	---	---	3.2	1.9	2.5	---	---	---
5	---	---	---	---	---	---	4.1	1.8	2.8	---	---	---
6	---	---	---	---	---	---	4.5	2.5	3.2	---	---	---
7	---	---	---	---	---	---	4.6	2.8	3.5	---	---	---
8	---	---	---	---	---	---	3.8	2.5	3.2	---	---	---
9	---	---	---	---	---	---	4.4	3.1	3.7	---	---	---
10	---	---	---	---	---	---	4.2	3.0	3.7	---	---	---
11	---	---	---	---	---	---	4.0	3.4	3.7	---	---	---
12	---	---	---	---	---	---	4.2	3.4	3.7	---	---	---
13	---	---	---	4.8	1.1	1.8	4.0	3.4	3.8	---	---	---
14	---	---	---	5.1	1.4	3.5	4.4	3.4	3.9	---	---	---
15	---	---	---	3.9	1.2	2.8	---	---	---	---	---	---
16	3.7	1.7	2.8	3.7	1.1	2.7	4.1	3.4	3.7	---	---	---
17	3.3	1.4	2.7	4.0	1.3	3.0	4.2	3.3	3.6	---	---	---
18	2.7	1.4	2.3	3.8	1.5	2.9	3.9	2.7	3.3	---	---	---
19	2.8	1.5	2.1	4.5	1.6	3.2	4.4	2.4	3.0	---	---	---
20	2.8	1.2	2.2	5.4	2.5	3.9	4.2	2.4	3.0	---	---	---
21	3.0	1.0	2.2	5.1	2.1	3.9	4.1	2.5	3.2	---	---	---
22	3.4	1.2	2.3	5.5	3.1	4.3	3.8	2.8	3.3	---	---	---
23	3.4	.4	1.3	5.5	3.0	4.6	---	---	---	---	---	---
24	3.0	.4	1.5	5.3	3.6	4.6	---	---	---	---	---	---
25	2.8	.4	1.8	5.6	3.3	4.9	---	---	---	---	---	---
26	4.0	.6	2.2	5.6	3.6	4.8	---	---	---	---	---	---
27	3.0	.8	2.1	---	---	---	---	---	---	---	---	---
28	4.3	.8	2.5	---	---	---	---	---	---	---	---	---
29	4.0	1.7	3.1	4.9	3.0	4.1	---	---	---	---	---	---
30	5.1	1.6	3.3	4.4	2.8	3.7	---	---	---	---	---	---
31	---	---	---	4.5	2.7	3.6	---	---	---	---	---	---
MONTH	5.1	.4	2.3	5.6	1.1	3.6	4.6	1.8	3.3	---	---	---
YEAR	6.3	.4	3.7									

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

LOCATION.--Lat 32°05'49'', long 81°04'44'', Jasper County, Hydrologic Unit 03060109, approximately 100 ft east of Savannah River Tidal Gate near Savannah, Georgia.

PERIOD OF RECORD.--Apr. 1989 to Aug. 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Apr. 1989 to Aug. 1989.
SPECIFIC CONDUCTANCE (Bottom): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Top): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Bottom): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Top): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Bottom): Apr. 1989 to Aug. 1989.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 28300 microsiemens, Aug. 15; minimum, 700 microsiemens, July 26.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 33100 microsiemens, June 14; minimum, 700 microsiemens, Apr. 23.
WATER TEMPERATURE (Top): Maximum, 31.5°C, Aug. 4; minimum, 18.0°C, Apr. 21.
WATER TEMPERATURE (Bottom): Maximum, 30.5°C, Aug. 1; minimum, 18.0°C, Apr. 30.
DISSOLVED OXYGEN (Top): Maximum, 7.6 mg/L, May 14; minimum, 1.9 mg/L, Aug. 6.
DISSOLVED OXYGEN (Bottom): Maximum, 6.9 mg/L, Apr. 21; minimum, 0.6 mg/L, Aug. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	22200	9500	15100
2	---	---	---	---	---	---	---	---	---	18700	6500	13200
3	---	---	---	---	---	---	---	---	---	24100	6400	14000
4	---	---	---	---	---	---	---	---	---	25900	7600	15100
5	---	---	---	---	---	---	---	---	---	22000	6200	13400
6	---	---	---	---	---	---	---	---	---	20200	4500	11300
7	---	---	---	---	---	---	---	---	---	19200	3100	9400
8	---	---	---	---	---	---	---	---	---	19300	2900	8940
9	---	---	---	---	---	---	---	---	---	17500	2600	8310
10	---	---	---	---	---	---	---	---	---	13200	1900	6190
11	---	---	---	---	---	---	---	---	---	10800	3300	6320
12	---	---	---	---	---	---	---	---	---	15900	7900	10300
13	---	---	---	---	---	---	---	---	---	19600	9100	12200
14	---	---	---	---	---	---	---	---	---	16600	9500	12000
15	---	---	---	---	---	---	---	---	---	17400	8600	11900
16	---	---	---	---	---	---	---	---	---	18100	7900	11800
17	---	---	---	---	---	---	---	---	---	18400	8300	12000
18	---	---	---	---	---	---	---	---	---	18300	8300	12400
19	---	---	---	---	---	---	---	---	---	18100	8000	12300
20	---	---	---	---	---	---	---	---	---	17600	6800	11200
21	---	---	---	---	---	---	11600	1600	4880	16600	5500	10600
22	---	---	---	---	---	---	10400	1200	4400	17300	5600	10100
23	---	---	---	---	---	---	7800	700	3410	16900	5200	9690
24	---	---	---	---	---	---	9300	1200	3840	15600	5600	9130
25	---	---	---	---	---	---	11000	3000	5420	18300	7200	11100
26	---	---	---	---	---	---	13900	4600	7360	18700	7600	11700
27	---	---	---	---	---	---	19900	7700	10400	18200	8200	12100
28	---	---	---	---	---	---	17800	9800	12900	19700	9500	13600
29	---	---	---	---	---	---	19300	11700	14600	22000	11600	15500
30	---	---	---	---	---	---	23300	11300	15400	20400	9200	14400
31	---	---	---	---	---	---	---	---	---	20000	7300	13400
MONTH	---	---	---	---	---	---	23300	700	8260	25900	1900	11600

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19900	6200	12400	20500	3800	10800	18800	3100	10200	---	---	---
2	22100	4000	12400	20600	3800	10600	19400	4700	12100	---	---	---
3	24200	5900	13100	18800	3200	9060	18800	7900	14100	---	---	---
4	23500	5500	12700	15300	2600	10800	22800	8400	14800	---	---	---
5	19000	4800	11200	15600	3200	7650	17500	8100	14100	---	---	---
6	18800	4700	10400	16300	3000	7490	21800	10400	16000	---	---	---
7	18300	4500	10400	15100	3900	7280	24100	14100	19200	---	---	---
8	16900	5300	10100	14500	4300	7330	24100	16300	20700	---	---	---
9	16600	4800	9070	13500	5300	7710	25800	18000	21500	---	---	---
10	14400	5900	8840	15300	5400	8350	26300	19300	22300	---	---	---
11	16600	7200	11000	13900	5400	8290	26200	21200	23200	---	---	---
12	19800	10200	14000	14200	6500	9770	28200	20300	24300	---	---	---
13	19600	11100	14700	18100	8200	12200	28100	19800	24700	---	---	---
14	21300	11400	15100	20100	9700	14300	28100	18000	23600	---	---	---
15	21200	11700	15900	21700	11900	16000	28300	14900	22100	---	---	---
16	23400	12900	16700	22800	12800	17200	27200	13800	21200	---	---	---
17	23900	12000	16600	20400	10400	14800	26200	13400	20400	---	---	---
18	23300	11300	16500	23900	8300	14200	24900	13200	19100	---	---	---
19	24200	10900	16900	21400	7000	12900	23100	12600	18000	---	---	---
20	22600	9700	16100	21400	6000	12000	21800	11400	16300	---	---	---
21	21300	8300	14400	21400	5000	11700	18600	10900	14600	---	---	---
22	19000	6700	12700	18600	3700	9940	---	---	---	---	---	---
23	18000	5600	11400	18100	2100	7520	---	---	---	---	---	---
24	16200	4800	9860	13600	1500	5400	---	---	---	---	---	---
25	13900	3800	7950	11000	1000	4840	---	---	---	---	---	---
26	12400	2700	6630	10900	700	4530	---	---	---	---	---	---
27	13200	1600	5900	12000	900	4810	---	---	---	---	---	---
28	13200	1300	5830	10700	900	5030	---	---	---	---	---	---
29	16200	1600	7220	13400	1400	6280	---	---	---	---	---	---
30	20100	2800	9310	15900	2300	8220	---	---	---	---	---	---
31	---	---	---	14900	2100	7700	---	---	---	---	---	---
MONTH	24200	1300	11800	23900	700	9510	28300	3100	18700	---	---	---
YEAR	28300	700	12100									

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	25900	10200	18900
2	---	---	---	---	---	---	---	---	---	24700	6900	17000
3	---	---	---	---	---	---	---	---	---	27000	7200	17500
4	---	---	---	---	---	---	---	---	---	27700	8200	17000
5	---	---	---	---	---	---	---	---	---	25700	5300	15500
6	---	---	---	---	---	---	---	---	---	18600	4100	11700
7	---	---	---	---	---	---	---	---	---	15500	2100	9100
8	---	---	---	---	---	---	---	---	---	14300	2300	8570
9	---	---	---	---	---	---	---	---	---	12200	1800	7460
10	---	---	---	---	---	---	---	---	---	12400	1200	6260
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	20300	1700	11000	---	---	---
22	---	---	---	---	---	---	18200	1300	9850	---	---	---
23	---	---	---	---	---	---	17800	700	8610	---	---	---
24	---	---	---	---	---	---	23400	1500	10600	---	---	---
25	---	---	---	---	---	---	22900	2800	12600	---	---	---
26	---	---	---	---	---	---	28300	4600	15200	---	---	---
27	---	---	---	---	---	---	29700	7600	18600	---	---	---
28	---	---	---	---	---	---	29500	10500	21000	---	---	---
29	---	---	---	---	---	---	30600	11700	21400	---	---	---
30	---	---	---	---	---	---	28200	11800	19600	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	30600	700	14800	27700	1200	12900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	25500	3860	15200	---	---	---	---	---	---
2	---	---	---	25000	3670	14300	---	---	---	---	---	---
3	---	---	---	23400	6780	15700	24800	17900	21000	---	---	---
4	---	---	---	22900	6990	16300	25400	15900	20600	---	---	---
5	---	---	---	22400	5940	15700	23400	14300	19300	---	---	---
6	---	---	---	22700	5140	16200	26400	14200	21200	---	---	---
7	---	---	---	22200	4760	16800	28400	18800	23600	---	---	---
8	---	---	---	24700	6070	18500	29500	22600	25400	---	---	---
9	---	---	---	---	---	---	28400	23300	26900	---	---	---
10	---	---	---	---	---	---	30400	25100	28500	---	---	---
11	---	---	---	---	---	---	31400	24500	28400	---	---	---
12	---	---	---	---	---	---	31600	26700	29600	---	---	---
13	---	---	---	---	---	---	31600	27600	29900	---	---	---
14	33100	12200	24400	---	---	---	30900	22400	27900	---	---	---
15	31600	11900	23700	---	---	---	31600	23000	27600	---	---	---
16	31400	13100	23600	---	---	---	31600	19900	26400	---	---	---
17	30900	12400	23000	---	---	---	30900	20400	25900	---	---	---
18	31200	12500	23400	---	---	---	29500	18900	25000	---	---	---
19	30500	11700	22700	---	---	---	28700	18100	24100	---	---	---
20	29700	11100	21800	26400	5100	17000	27700	16200	22600	---	---	---
21	28600	9880	20100	24800	5500	15400	24700	15400	20200	---	---	---
22	26500	8730	18400	23900	4400	13100	---	---	---	---	---	---
23	24900	7770	17400	21900	2700	10600	---	---	---	---	---	---
24	23000	7010	15800	17800	1700	8730	---	---	---	---	---	---
25	22200	5990	14400	17100	1300	8320	---	---	---	---	---	---
26	22000	4930	13300	16600	1100	8730	---	---	---	---	---	---
27	19000	2800	11200	19400	1100	9000	---	---	---	---	---	---
28	20400	1730	10700	21800	1200	10000	---	---	---	---	---	---
29	23000	1840	12500	21300	1740	13700	---	---	---	---	---	---
30	26100	3250	15100	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	33100	1730	18300	26400	1100	13500	31600	14200	25000	---	---	---
YEAR	33100	700	17700									

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	27.5	28.0	28.5	27.5	28.0	29.5	29.0	29.0	---	---	---
2	28.5	27.5	28.0	28.5	27.5	28.0	30.0	29.0	29.0	---	---	---
3	29.5	28.0	28.5	28.5	27.5	28.0	31.0	28.5	29.0	---	---	---
4	29.5	28.0	28.5	29.0	27.5	28.5	31.5	28.0	29.5	---	---	---
5	29.5	28.5	29.0	29.0	27.5	28.5	31.0	28.5	29.5	---	---	---
6	29.0	28.5	28.5	29.5	28.0	28.5	30.0	28.5	29.5	---	---	---
7	29.0	28.0	28.5	29.5	28.5	29.0	30.5	29.0	29.5	---	---	---
8	28.5	28.0	28.0	30.0	28.5	29.5	30.0	28.5	29.5	---	---	---
9	28.0	27.5	27.5	30.5	29.0	29.5	29.5	28.0	29.0	---	---	---
10	28.5	27.0	28.0	31.0	29.0	29.5	28.5	23.0	28.0	---	---	---
11	29.0	27.5	28.0	30.5	29.0	29.5	28.0	27.0	27.5	---	---	---
12	29.0	27.5	28.5	30.5	29.0	29.5	27.5	27.0	27.5	---	---	---
13	29.0	28.0	28.5	30.0	29.0	29.5	28.0	26.5	27.0	---	---	---
14	29.5	27.5	28.5	29.5	28.5	29.5	27.0	26.0	26.5	---	---	---
15	29.0	28.0	28.5	30.5	29.0	29.5	27.5	25.5	26.5	---	---	---
16	29.0	28.0	28.5	30.0	29.0	29.5	27.0	26.0	26.5	---	---	---
17	29.0	28.0	28.5	30.0	29.0	29.5	28.0	26.0	26.5	---	---	---
18	28.5	28.0	28.5	30.0	29.5	29.5	29.5	26.5	27.0	---	---	---
19	29.0	27.5	28.5	30.0	29.0	29.5	29.0	27.0	27.5	---	---	---
20	29.0	28.0	28.5	29.5	28.5	29.0	29.5	27.0	28.0	---	---	---
21	28.5	28.0	28.5	29.5	28.0	29.0	29.5	27.0	28.5	---	---	---
22	29.0	27.5	28.5	29.5	28.0	29.0	---	---	---	---	---	---
23	28.5	28.0	28.5	29.0	27.5	28.5	---	---	---	---	---	---
24	29.0	27.5	28.5	28.5	27.0	28.0	---	---	---	---	---	---
25	29.5	28.0	29.0	28.5	27.0	28.0	---	---	---	---	---	---
26	29.5	28.0	29.0	29.0	27.0	28.0	---	---	---	---	---	---
27	29.5	28.0	28.5	28.5	27.0	28.0	---	---	---	---	---	---
28	31.0	28.0	29.0	29.0	27.0	28.0	---	---	---	---	---	---
29	29.0	28.5	28.5	29.5	28.0	28.5	---	---	---	---	---	---
30	29.0	27.5	28.5	29.5	28.5	29.0	---	---	---	---	---	---
31	---	---	---	29.5	28.5	29.0	---	---	---	---	---	---
MONTH	31.0	27.0	28.5	31.0	27.0	29.0	31.5	23.0	28.0	---	---	---
YEAR	31.5	18.0	27.0									

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	23.0	19.5	21.5
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	19.0	18.0	18.5	---	---	---
22	---	---	---	---	---	---	19.0	18.0	18.5	---	---	---
23	---	---	---	---	---	---	19.5	18.5	18.5	---	---	---
24	---	---	---	---	---	---	20.5	19.0	19.5	---	---	---
25	---	---	---	---	---	---	21.5	19.0	20.0	---	---	---
26	---	---	---	---	---	---	22.0	19.0	20.5	---	---	---
27	---	---	---	---	---	---	21.5	18.0	20.0	---	---	---
28	---	---	---	---	---	---	21.0	18.5	19.5	---	---	---
29	---	---	---	---	---	---	21.5	18.0	19.5	---	---	---
30	---	---	---	---	---	---	22.5	18.0	21.0	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	22.5	18.0	19.5	23.0	19.5	21.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	28.5	27.0	28.0	30.5	29.5	30.0	---	---	---
2	28.5	27.5	28.0	28.0	27.0	28.0	30.0	29.0	29.5	---	---	---
3	29.0	27.5	28.0	28.0	27.5	28.0	30.0	29.5	29.5	---	---	---
4	29.5	28.0	28.5	28.0	27.0	28.0	29.5	29.5	29.5	---	---	---
5	29.5	28.0	28.5	28.0	27.5	28.0	29.5	29.5	29.5	---	---	---
6	28.5	28.5	28.5	28.5	27.5	28.0	30.0	29.5	30.0	---	---	---
7	29.0	27.5	28.5	29.0	28.0	28.5	30.0	29.5	30.0	---	---	---
8	28.5	28.0	28.0	29.0	28.5	28.5	30.0	29.5	30.0	---	---	---
9	28.0	27.0	27.5	29.5	28.5	29.0	30.0	29.0	30.0	---	---	---
10	28.0	27.0	27.5	29.0	29.0	29.0	30.0	29.0	29.5	---	---	---
11	28.5	27.0	27.5	29.5	29.0	29.0	29.5	28.5	29.0	---	---	---
12	28.5	27.0	27.5	29.5	28.5	29.0	29.0	28.0	28.5	---	---	---
13	29.0	27.5	28.0	29.0	28.5	29.0	28.0	27.5	27.5	---	---	---
14	29.0	27.5	28.0	29.0	28.5	29.0	---	---	---	---	---	---
15	28.5	27.5	28.0	29.0	28.5	29.0	---	---	---	---	---	---
16	28.5	28.0	28.0	29.0	28.5	29.0	26.5	26.5	26.5	---	---	---
17	28.5	28.0	28.0	29.5	28.5	29.0	27.0	26.5	26.5	---	---	---
18	28.5	28.0	28.0	29.5	29.0	29.0	27.0	26.5	27.0	---	---	---
19	28.5	27.5	28.0	29.0	29.0	29.0	28.0	27.0	27.5	---	---	---
20	29.0	28.0	28.5	29.5	28.5	29.0	29.0	27.5	28.0	---	---	---
21	28.5	28.0	28.5	29.5	28.5	29.0	29.0	28.0	28.0	---	---	---
22	29.5	27.5	28.5	30.0	28.5	29.5	---	---	---	---	---	---
23	28.5	28.0	28.5	29.5	28.0	29.0	---	---	---	---	---	---
24	29.0	27.5	28.5	29.0	27.0	28.5	---	---	---	---	---	---
25	29.0	28.0	28.5	29.0	27.5	28.5	---	---	---	---	---	---
26	29.0	28.0	29.0	29.0	27.5	28.5	---	---	---	---	---	---
27	29.0	28.0	28.5	29.0	27.5	28.5	---	---	---	---	---	---
28	29.0	27.5	28.5	29.0	27.5	28.5	---	---	---	---	---	---
29	29.0	28.0	28.5	29.0	28.0	28.5	---	---	---	---	---	---
30	28.5	27.0	28.5	29.5	29.0	29.0	---	---	---	---	---	---
31	---	---	---	29.5	29.0	29.5	---	---	---	---	---	---
MONTH	29.5	27.0	28.0	30.0	27.0	28.5	30.5	26.5	28.5	---	---	---
YEAR	30.5	18.0	27.5									

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.2	4.0	4.5	4.5	3.7	4.2	4.1	2.4	3.3	---	---	---
2	6.7	3.9	4.4	4.7	3.6	4.2	3.7	2.3	2.9	---	---	---
3	4.3	3.6	4.0	5.0	3.8	4.3	3.5	2.2	2.7	---	---	---
4	4.4	3.4	3.9	4.9	4.1	4.4	4.0	2.1	2.7	---	---	---
5	5.0	3.4	4.0	4.9	3.9	4.4	3.8	2.3	2.8	---	---	---
6	4.4	3.3	3.9	5.1	3.8	4.5	4.5	1.9	2.8	---	---	---
7	4.4	3.4	3.9	5.5	4.0	4.8	4.4	2.4	3.0	---	---	---
8	4.7	3.3	4.0	5.8	4.3	5.2	4.1	2.6	3.0	---	---	---
9	5.5	3.9	4.8	6.0	4.4	5.3	4.3	2.9	3.4	---	---	---
10	5.6	4.5	5.0	6.5	4.6	5.5	4.6	2.9	3.6	---	---	---
11	5.4	4.5	5.0	6.1	5.1	5.6	4.4	3.1	3.5	---	---	---
12	5.6	4.6	5.0	6.1	4.8	5.5	4.7	3.1	3.5	---	---	---
13	6.0	4.6	5.2	6.0	4.9	5.3	4.6	3.2	3.7	---	---	---
14	6.2	4.8	5.3	5.8	4.8	5.2	4.8	3.2	3.8	---	---	---
15	6.4	4.8	5.4	5.8	4.6	5.0	5.1	3.0	3.8	---	---	---
16	6.1	4.7	5.3	5.5	4.4	4.9	4.0	3.0	3.5	---	---	---
17	5.8	4.6	5.0	5.2	4.4	4.9	4.2	3.0	3.5	---	---	---
18	5.5	4.6	4.8	4.9	4.0	4.6	4.9	2.5	3.3	---	---	---
19	5.6	4.4	4.9	5.0	3.6	4.5	4.4	2.1	3.0	---	---	---
20	5.9	4.5	5.2	5.1	3.5	4.5	4.9	2.1	3.1	---	---	---
21	5.7	4.4	5.1	5.0	3.5	4.3	4.9	2.3	3.7	---	---	---
22	5.8	4.5	5.1	5.3	3.6	4.4	---	---	---	---	---	---
23	5.3	4.2	4.9	5.2	3.9	4.7	---	---	---	---	---	---
24	5.5	4.1	4.8	5.2	4.1	4.7	---	---	---	---	---	---
25	5.5	4.2	5.0	5.4	4.1	4.8	---	---	---	---	---	---
26	5.5	4.4	5.0	5.8	3.9	4.8	---	---	---	---	---	---
27	5.6	4.0	5.0	5.1	3.9	4.6	---	---	---	---	---	---
28	6.2	3.9	4.7	5.2	4.1	4.6	---	---	---	---	---	---
29	5.1	4.0	4.4	4.8	3.9	4.3	---	---	---	---	---	---
30	5.4	3.7	4.3	4.5	3.3	4.0	---	---	---	---	---	---
31	---	---	---	4.3	3.1	3.8	---	---	---	---	---	---
MONTH	6.7	3.3	4.7	6.5	3.1	4.7	5.1	1.9	3.3	---	---	---
YEAR	7.6	1.9	4.9									

021989795 BACK RIVER AT TIDAL GATE AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	5.9	5.3	5.5
2	---	---	---	---	---	---	---	---	---	5.9	5.2	5.5
3	---	---	---	---	---	---	---	---	---	5.7	5.1	5.4
4	---	---	---	---	---	---	---	---	---	5.6	5.0	5.2
5	---	---	---	---	---	---	---	---	---	5.9	5.0	5.4
6	---	---	---	---	---	---	---	---	---	5.8	4.9	5.3
7	---	---	---	---	---	---	---	---	---	6.4	5.0	5.4
8	---	---	---	---	---	---	---	---	---	6.1	5.2	5.6
9	---	---	---	---	---	---	---	---	---	6.2	5.2	5.6
10	---	---	---	---	---	---	---	---	---	6.5	5.1	5.8
11	---	---	---	---	---	---	---	---	---	6.5	5.0	5.7
12	---	---	---	---	---	---	---	---	---	6.2	5.3	5.7
13	---	---	---	---	---	---	---	---	---	6.0	5.1	5.5
14	---	---	---	---	---	---	---	---	---	5.9	5.0	5.4
15	---	---	---	---	---	---	---	---	---	5.7	4.9	5.3
16	---	---	---	---	---	---	---	---	---	5.6	4.7	5.2
17	---	---	---	---	---	---	---	---	---	5.3	4.5	4.9
18	---	---	---	---	---	---	---	---	---	4.9	4.1	4.4
19	---	---	---	---	---	---	---	---	---	4.4	3.5	3.9
20	---	---	---	---	---	---	---	---	---	3.7	3.0	3.4
21	---	---	---	---	---	---	6.9	6.5	6.6	3.5	2.8	3.1
22	---	---	---	---	---	---	6.6	6.3	6.4	3.6	2.8	3.2
23	---	---	---	---	---	---	6.5	6.1	6.3	3.9	2.9	3.4
24	---	---	---	---	---	---	6.3	5.7	6.0	3.9	2.8	3.4
25	---	---	---	---	---	---	6.1	5.7	5.9	3.6	3.1	3.3
26	---	---	---	---	---	---	6.1	5.7	5.9	3.9	3.2	3.5
27	---	---	---	---	---	---	6.2	5.7	6.0	4.1	3.1	3.7
28	---	---	---	---	---	---	6.2	5.7	6.0	4.5	3.5	3.9
29	---	---	---	---	---	---	6.1	5.6	5.9	4.5	3.8	4.1
30	---	---	---	---	---	---	5.8	5.3	5.6	4.7	4.1	4.3
31	---	---	---	---	---	---	---	---	---	4.6	4.2	4.4
MONTH	---	---	---	---	---	---	6.9	5.3	6.1	6.5	2.8	4.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.6	4.0	4.3	4.6	3.8	4.3	4.5	2.1	2.9	---	---	---
2	4.6	3.4	4.1	4.8	3.9	4.3	3.7	1.9	2.5	---	---	---
3	4.2	3.2	3.7	4.8	3.8	4.2	2.9	1.8	2.2	---	---	---
4	4.3	3.0	3.6	4.2	3.1	3.5	2.4	1.7	2.0	---	---	---
5	4.5	3.2	3.7	4.8	3.7	4.1	2.6	1.6	2.0	---	---	---
6	4.5	3.1	3.8	4.8	3.6	4.0	3.1	.6	1.8	---	---	---
7	4.3	3.1	3.7	5.1	3.1	4.0	3.4	.9	2.1	---	---	---
8	4.4	3.1	3.6	5.3	3.0	3.9	3.3	.8	2.3	---	---	---
9	5.7	3.3	4.2	5.0	2.7	4.0	3.4	1.5	2.3	---	---	---
10	5.4	3.4	4.4	5.4	3.4	4.2	3.3	1.4	2.2	---	---	---
11	5.1	3.9	4.5	5.6	3.3	4.1	3.5	1.6	2.6	---	---	---
12	5.2	4.3	4.6	5.4	2.8	3.9	3.3	1.6	2.4	---	---	---
13	5.5	3.8	4.5	5.1	3.1	3.9	3.6	2.4	3.2	---	---	---
14	5.8	3.8	4.6	5.1	3.1	3.9	3.9	2.6	3.4	---	---	---
15	5.9	3.9	4.7	5.2	3.3	3.9	3.4	2.3	3.0	---	---	---
16	5.5	3.3	4.4	5.0	3.3	3.9	3.4	2.8	3.0	---	---	---
17	4.9	3.6	4.3	5.0	3.0	3.9	3.2	2.6	2.9	---	---	---
18	4.6	3.6	4.0	4.8	3.5	4.0	3.0	2.3	2.6	---	---	---
19	4.5	3.4	3.9	4.6	3.6	3.9	3.0	1.9	2.4	---	---	---
20	4.8	3.4	3.9	4.9	2.2	3.2	3.6	1.7	2.2	---	---	---
21	4.6	3.1	3.7	4.7	3.0	3.8	3.2	1.7	2.2	---	---	---
22	---	---	---	5.0	3.0	3.9	---	---	---	---	---	---
23	---	---	---	5.0	3.2	4.2	---	---	---	---	---	---
24	---	---	---	5.1	3.3	4.2	---	---	---	---	---	---
25	---	---	---	5.0	3.1	4.2	---	---	---	---	---	---
26	---	---	---	5.5	3.3	4.3	---	---	---	---	---	---
27	---	---	---	5.5	3.3	4.3	---	---	---	---	---	---
28	5.4	3.8	4.6	5.2	3.0	4.2	---	---	---	---	---	---
29	5.0	3.8	4.4	5.0	3.2	4.0	---	---	---	---	---	---
30	4.7	3.6	4.2	4.8	2.9	3.7	---	---	---	---	---	---
31	---	---	---	4.5	2.8	3.5	---	---	---	---	---	---
MONTH	5.9	3.0	4.1	5.6	2.2	4.0	4.5	.6	2.5	---	---	---
YEAR	6.9	.6	4.1									

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

LOCATION.--Lat 32°05'47'', long 81°04'37'', Jasper County, Hydrologic Unit 03060109, near the center of the channel of the Savannah River Tidal Gate near Savannah, Georgia.

PERIOD OF RECORD.--Apr. 1989 to Aug. 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Apr. 1989 to Aug. 1989.
SPECIFIC CONDUCTANCE (Bottom): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Top): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Bottom): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Top): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Bottom): Apr. 1989 to Aug. 1989.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 27300 microsiemens, Aug. 14; minimum, 700 microsiemens, June 22.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 39100 microsiemens, Aug. 12; minimum, 2300 microsiemens, May 10.
WATER TEMPERATURE (Top): Maximum, 31.0°C, Aug. 4; minimum, 16.5°C, Apr. 11, 12, 13.
WATER TEMPERATURE (Bottom): Maximum, 29.5°C, July 12 - 15, 20, 31, Aug. 1 - 11; minimum, 15.5°C, Apr. 16, 17.
DISSOLVED OXYGEN (Top): Maximum, 8.6 mg/L, Apr. 14; minimum, 2.2 mg/L, Aug. 4-6.
DISSOLVED OXYGEN (Bottom): Maximum, 7.5 mg/L, Apr. 4; minimum, 0.0 mg/L, Apr. 13, 14, 16, Aug. 25.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	19500	9900	14100
2	---	---	---	---	---	---	---	---	---	20700	7000	12400
3	---	---	---	---	---	---	18300	9380	14800	20900	7200	12100
4	---	---	---	---	---	---	19500	6000	11300	21400	8300	13000
5	---	---	---	---	---	---	17500	5400	9990	21500	6900	12500
6	---	---	---	---	---	---	15700	3500	8130	20300	5200	10800
7	---	---	---	---	---	---	13600	3600	7950	18000	3800	8980
8	---	---	---	---	---	---	16300	4300	8020	19800	3600	8480
9	---	---	---	---	---	---	14700	3400	7540	15100	3200	7600
10	---	---	---	---	---	---	13700	3200	6880	27000	2500	7850
11	---	---	---	---	---	---	9900	2700	5530	12200	3800	6170
12	---	---	---	---	---	---	11100	2800	4990	15100	7000	9750
13	---	---	---	---	---	---	8700	2700	4670	16100	9100	11600
14	---	---	---	---	---	---	9400	2800	4720	16000	9500	11700
15	---	---	---	---	---	---	10200	3100	5140	16200	9500	11600
16	---	---	---	---	---	---	11700	3700	6450	16400	8700	11400
17	---	---	---	---	---	---	10800	4400	6120	16500	9100	11500
18	---	---	---	---	---	---	11000	3900	6130	23100	9400	13800
19	---	---	---	---	---	---	10700	2700	5250	22800	9630	14500
20	---	---	---	---	---	---	8900	2100	4650	21500	8150	13600
21	---	---	---	---	---	---	9800	2000	4480	19800	6470	12000
22	---	---	---	---	---	---	10800	1800	4880	20400	6080	11400
23	---	---	---	---	---	---	9400	1100	4090	18200	5500	10300
24	---	---	---	---	---	---	8000	1700	3850	19900	5520	9900
25	---	---	---	---	---	---	8500	2000	4680	20700	6930	11000
26	---	---	---	---	---	---	11400	3700	6840	20000	7470	11900
27	---	---	---	---	---	---	15700	5400	9780	20700	7880	11800
28	---	---	---	---	---	---	17600	8400	11900	20800	8790	13100
29	---	---	---	---	---	---	19700	11000	14100	24300	10900	15400
30	---	---	---	---	---	---	19300	11700	14400	22100	8900	14100
31	---	---	---	---	---	---	---	---	---	21900	6920	12700
MONTH	---	---	---	---	---	---	19700	1100	7400	27000	2500	11500

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22500	5630	11900	17700	3000	9250	19600	3700	11500	---	---	---
2	26300	7300	13200	20900	4000	9740	19500	5200	13200	---	---	---
3	26500	7200	14100	17800	3600	9150	20400	7900	15100	---	---	---
4	26600	6700	13700	16900	3100	8350	19500	5500	13700	---	---	---
5	23100	6500	13200	16400	3400	8260	17000	8600	13700	---	---	---
6	23900	6300	12300	15400	3300	7820	19900	10200	15300	---	---	---
7	21400	6100	12500	13700	3200	7050	22800	13600	18300	---	---	---
8	22900	6600	12600	14300	3800	7100	23500	15500	20000	---	---	---
9	19900	6100	11100	14200	4900	7690	23700	17500	20700	---	---	---
10	19400	6900	11200	15100	5500	9160	25300	19000	21600	---	---	---
11	20700	8800	13700	16800	6100	10100	25400	2400	22100	---	---	---
12	23300	11400	16300	16500	8000	12100	27200	20100	24500	---	---	---
13	21400	12000	16500	19000	9300	13900	26800	19700	24000	---	---	---
14	22700	11300	16800	21500	10500	15700	27300	16700	22700	---	---	---
15	22300	12400	16900	22800	4500	16600	26900	13600	19300	---	---	---
16	25600	13200	17400	21900	12700	17200	26100	9800	20100	---	---	---
17	23900	11200	17000	23000	10400	15400	25300	13200	19100	---	---	---
18	25600	11300	17100	23600	6000	14000	25400	10900	19100	---	---	---
19	27100	9000	16900	22500	7800	13600	23900	12700	18400	---	---	---
20	25900	10200	16700	20700	4600	11600	22900	12200	16800	---	---	---
21	23200	9100	14700	20400	6200	11400	20100	11400	15000	---	---	---
22	21000	700	12200	19100	5000	10000	---	---	---	---	---	---
23	19600	5700	10600	16400	2700	7560	---	---	---	---	---	---
24	19700	5400	9770	15500	2000	5790	---	---	---	---	---	---
25	15100	4400	8070	12600	800	4970	---	---	---	---	---	---
26	15000	3000	6960	13000	900	5030	---	---	---	---	---	---
27	10900	2000	5400	12300	900	4960	---	---	---	---	---	---
28	13300	1500	5910	15400	1200	5710	---	---	---	---	---	---
29	18800	2000	7000	14800	1800	6910	---	---	---	---	---	---
30	18600	3100	8760	19600	2800	9190	---	---	---	---	---	---
31	---	---	---	19400	2800	8770	---	---	---	---	---	---
MONTH	27100	700	12700	23600	800	9810	27300	2400	18300	---	---	---
YEAR	27300	700	11600									

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	28200	15200	27200	---	---	---
4	---	---	---	---	---	---	25400	10400	22300	---	---	---
5	---	---	---	---	---	---	22600	8800	19100	26500	11800	16800
6	---	---	---	---	---	---	22200	8200	17900	23700	5400	14900
7	---	---	---	---	---	---	21800	8800	17900	22700	3300	10200
8	---	---	---	---	---	---	21400	8400	16800	22800	4400	12600
9	---	---	---	---	---	---	22600	3500	15100	23000	3200	12600
10	---	---	---	---	---	---	24500	4300	18800	27400	2300	12000
11	---	---	---	---	---	---	---	---	---	28500	3800	15400
12	---	---	---	---	---	---	---	---	---	28600	6800	18800
13	---	---	---	---	---	---	---	---	---	28100	10200	21200
14	---	---	---	---	---	---	---	---	---	27900	9400	20600
15	---	---	---	---	---	---	---	---	---	31200	10700	20300
16	---	---	---	---	---	---	---	---	---	26600	10400	19400
17	---	---	---	---	---	---	---	---	---	26200	9800	18800
18	---	---	---	---	---	---	---	---	---	33300	9900	22500
19	---	---	---	---	---	---	---	---	---	32600	17800	30500
20	---	---	---	---	---	---	---	---	---	32500	14800	30000
21	---	---	---	---	---	---	---	---	---	31800	15400	29100
22	---	---	---	---	---	---	---	---	---	32600	18800	30900
23	---	---	---	---	---	---	---	---	---	32400	23700	30600
24	---	---	---	---	---	---	---	---	---	31300	27900	30600
25	---	---	---	---	---	---	---	---	---	33300	30700	32600
26	---	---	---	---	---	---	---	---	---	32600	21900	31400
27	---	---	---	---	---	---	---	---	---	32700	21100	31600
28	---	---	---	---	---	---	---	---	---	35100	14500	29800
29	---	---	---	---	---	---	---	---	---	35300	15400	29300
30	---	---	---	---	---	---	---	---	---	32200	15800	28800
31	---	---	---	---	---	---	---	---	---	31200	15100	27300
MONTH	---	---	---	---	---	---	28200	3500	19400	35300	2300	23300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31200	22500	25800	26900	8600	20400	---	---	---	---	---	---
2	28900	20000	25100	25700	9000	19200	---	---	---	---	---	---
3	27300	19100	24100	25000	10300	20200	26300	25100	25700	---	---	---
4	25200	18900	23100	24400	11200	20600	26100	24300	25800	---	---	---
5	26800	21600	23100	25100	11700	21200	26300	24900	25400	---	---	---
6	---	---	---	25100	13500	22700	31000	26600	27700	---	---	---
7	---	---	---	---	---	---	34100	30600	32200	---	---	---
8	---	---	---	---	---	---	36000	33200	34700	---	---	---
9	---	---	---	---	---	---	37700	35900	36900	---	---	---
10	---	---	---	---	---	---	38100	37400	37900	---	---	---
11	---	---	---	---	---	---	38800	37400	38000	---	---	---
12	---	---	---	---	---	---	39100	37800	38800	---	---	---
13	---	---	---	---	---	---	38600	36400	37800	---	---	---
14	33800	20700	27400	---	---	---	37600	33200	35100	---	---	---
15	33900	31800	33300	---	---	---	37300	32600	33600	---	---	---
16	33700	30900	32700	---	---	---	35000	31800	33400	---	---	---
17	32800	20400	31300	---	---	---	35600	30400	32500	---	---	---
18	33200	19600	31700	---	---	---	35900	30500	32900	---	---	---
19	33000	18100	30800	---	---	---	33900	29600	31400	---	---	---
20	32000	19100	29600	---	---	---	30900	28600	29500	---	---	---
21	30400	16600	28200	---	---	---	29400	27700	28500	---	---	---
22	29800	15300	26300	---	---	---	---	---	---	---	---	---
23	29300	16100	26800	---	---	---	---	---	---	---	---	---
24	28300	12200	25300	---	---	---	---	---	---	---	---	---
25	27000	10200	24600	---	---	---	---	---	---	---	---	---
26	25400	8300	22400	---	---	---	---	---	---	---	---	---
27	23900	5400	20100	---	---	---	---	---	---	---	---	---
28	24100	6400	19100	---	---	---	---	---	---	---	---	---
29	26000	7800	20200	---	---	---	---	---	---	---	---	---
30	26100	8300	21600	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	33900	5400	26000	26900	8600	20700	39100	24300	32500	---	---	---
YEAR	39100	2300	25600									

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	19.0	18.0	19.0	---	---	---
4	---	---	---	---	---	---	20.5	18.0	19.0	---	---	---
5	---	---	---	---	---	---	20.5	19.0	20.0	---	---	---
6	---	---	---	---	---	---	20.5	19.5	20.0	---	---	---
7	---	---	---	---	---	---	19.5	19.0	19.5	---	---	---
8	---	---	---	---	---	---	23.0	18.0	20.5	---	---	---
9	---	---	---	---	---	---	21.0	20.0	20.5	---	---	---
10	---	---	---	---	---	---	19.5	18.0	19.0	---	---	---
11	---	---	---	---	---	---	18.5	16.5	17.5	---	---	---
12	---	---	---	---	---	---	18.0	16.5	17.0	---	---	---
13	---	---	---	---	---	---	21.0	16.5	18.0	---	---	---
14	---	---	---	---	---	---	21.0	17.0	18.5	---	---	---
15	---	---	---	---	---	---	18.5	17.0	18.0	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	19.0	17.5	18.0	---	---	---
18	---	---	---	---	---	---	21.5	18.5	19.5	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	23.0	16.5	19.0	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	28.5	27.0	27.5	29.5	28.0	29.0	---	---	---
2	---	---	---	28.5	27.0	28.0	29.5	27.5	28.5	---	---	---
3	---	---	---	28.5	27.5	28.0	30.0	27.5	29.0	---	---	---
4	---	---	---	28.5	27.0	28.0	31.0	29.0	29.5	---	---	---
5	---	---	---	28.5	27.5	28.0	30.0	29.0	29.5	---	---	---
6	---	---	---	29.0	27.5	28.5	30.5	29.0	29.5	---	---	---
7	---	---	---	29.5	28.0	29.0	30.5	29.0	29.5	---	---	---
8	---	---	---	29.5	28.5	29.0	30.0	29.0	29.5	---	---	---
9	---	---	---	30.0	28.5	29.5	29.5	28.5	29.0	---	---	---
10	---	---	---	30.5	29.0	29.5	29.0	27.0	28.5	---	---	---
11	---	---	---	30.5	28.5	29.5	28.0	27.0	27.5	---	---	---
12	---	---	---	30.5	28.5	29.5	27.5	27.0	27.0	---	---	---
13	---	---	---	30.0	28.5	29.0	27.0	26.0	26.5	---	---	---
14	28.5	27.0	28.0	30.0	28.0	29.0	26.5	25.0	26.0	---	---	---
15	28.5	27.0	28.0	30.0	28.5	29.5	27.5	26.5	27.0	---	---	---
16	28.5	27.5	28.0	29.5	28.5	29.5	27.0	26.0	26.5	---	---	---
17	28.5	27.5	28.0	30.0	29.0	29.5	29.0	26.5	27.0	---	---	---
18	28.5	27.5	28.0	30.0	28.5	29.5	29.0	26.5	27.0	---	---	---
19	28.5	27.5	28.0	30.0	27.0	29.5	29.0	27.0	27.5	---	---	---
20	28.0	27.5	28.0	29.5	28.5	29.0	29.5	27.5	28.0	---	---	---
21	28.0	27.5	28.0	29.5	28.5	29.0	29.5	26.5	28.0	---	---	---
22	28.5	27.0	28.0	29.5	28.5	29.0	---	---	---	---	---	---
23	28.5	27.5	28.0	29.0	28.0	28.5	---	---	---	---	---	---
24	29.0	27.5	28.0	29.0	26.0	28.0	---	---	---	---	---	---
25	28.5	27.5	28.5	29.0	27.5	28.0	---	---	---	---	---	---
26	29.0	27.5	28.5	28.5	27.5	28.0	---	---	---	---	---	---
27	29.0	27.5	28.5	28.5	26.0	27.5	---	---	---	---	---	---
28	29.0	27.5	28.5	29.0	26.5	28.0	---	---	---	---	---	---
29	29.0	28.0	28.5	29.5	27.0	28.5	---	---	---	---	---	---
30	28.5	27.5	28.0	29.0	28.5	28.5	---	---	---	---	---	---
31	---	---	---	29.5	28.5	29.0	---	---	---	---	---	---
MONTH	29.0	27.0	28.0	30.5	26.0	28.5	31.0	25.0	28.0	---	---	---
YEAR	31.0	16.5	26.5									

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

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

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	28.5	29.5	28.5	29.0	---	---	---
2	27.5	26.5	27.0	28.5	27.5	28.0	29.5	29.0	29.0	---	---	---
3	27.5	27.0	27.5	28.5	27.5	28.0	29.5	29.0	29.0	---	---	---
4	28.0	27.5	27.5	28.5	27.5	28.0	29.5	29.5	29.5	---	---	---
5	28.0	27.5	28.0	28.5	28.0	28.5	29.5	29.5	29.5	---	---	---
6	28.0	28.0	28.0	28.5	28.5	28.5	29.5	29.5	29.5	---	---	---
7	28.0	27.5	28.0	28.5	28.0	28.5	29.5	29.5	29.5	---	---	---
8	28.0	27.5	27.5	29.0	28.0	28.5	29.5	29.5	29.5	---	---	---
9	27.5	27.0	27.5	29.0	28.0	28.5	29.5	29.5	29.5	---	---	---
10	27.5	26.5	27.0	29.0	29.0	29.0	29.5	29.5	29.5	---	---	---
11	26.5	26.5	26.5	29.0	28.5	29.0	29.5	29.0	29.5	---	---	---
12	27.0	26.5	26.5	29.5	28.5	29.0	29.0	28.5	28.5	---	---	---
13	27.0	26.5	26.5	29.5	28.0	29.0	29.0	28.5	28.5	---	---	---
14	28.0	26.5	27.0	29.5	29.0	29.5	28.5	27.5	28.5	---	---	---
15	27.5	27.0	27.0	29.5	29.0	29.5	28.0	27.0	27.0	---	---	---
16	28.0	27.0	27.5	---	---	---	27.5	27.0	27.0	---	---	---
17	28.0	27.5	27.5	---	---	---	27.5	27.0	27.0	---	---	---
18	28.0	27.5	28.0	---	---	---	27.5	27.0	27.5	---	---	---
19	28.0	27.5	28.0	---	---	---	27.5	27.0	27.5	---	---	---
20	28.0	28.0	28.0	29.5	28.5	28.5	27.5	27.0	27.5	---	---	---
21	28.0	28.0	28.0	29.0	28.5	28.5	28.5	27.5	28.0	---	---	---
22	28.0	28.0	28.0	29.0	28.5	28.5	---	---	---	---	---	---
23	28.5	28.0	28.0	29.0	28.5	28.5	---	---	---	---	---	---
24	28.0	27.5	28.0	28.5	28.0	28.5	---	---	---	---	---	---
25	28.5	28.0	28.0	28.5	28.0	28.5	---	---	---	---	---	---
26	29.0	28.0	28.5	28.5	28.0	28.5	---	---	---	---	---	---
27	29.0	28.0	28.5	28.5	28.0	28.5	---	---	---	---	---	---
28	29.0	28.5	29.0	28.5	28.0	28.5	---	---	---	---	---	---
29	29.0	28.5	29.0	28.5	28.0	28.5	---	---	---	---	---	---
30	29.0	27.5	29.0	29.0	28.0	28.5	---	---	---	---	---	---
31	---	---	---	29.5	28.0	28.5	---	---	---	---	---	---
MONTH	29.0	26.0	27.5	29.5	27.5	28.5	29.5	27.0	28.5	---	---	---
YEAR	29.5	15.5	25.0									

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.4	3.8	4.9	4.6	3.6	4.2	4.1	2.4	3.3	---	---	---
2	4.8	3.8	4.2	4.7	3.7	4.2	4.1	2.6	3.1	---	---	---
3	4.2	3.4	3.8	4.7	3.7	4.2	3.2	2.4	2.8	---	---	---
4	4.2	3.1	3.7	4.8	3.7	4.2	3.6	2.2	2.6	---	---	---
5	4.8	3.0	4.0	4.8	3.8	4.3	3.3	2.2	2.7	---	---	---
6	4.3	3.2	3.8	5.0	3.7	4.3	4.2	2.2	2.9	---	---	---
7	4.1	3.1	3.7	5.2	3.8	4.6	4.4	2.6	3.3	---	---	---
8	4.2	3.2	3.7	6.4	3.9	4.7	4.0	3.0	3.4	---	---	---
9	5.4	3.6	4.6	6.0	4.0	4.9	4.0	2.9	3.5	---	---	---
10	5.3	4.1	4.7	6.9	4.2	4.9	4.7	3.3	3.6	---	---	---
11	5.4	4.5	4.8	6.5	4.4	5.0	4.4	3.2	3.5	---	---	---
12	5.2	4.5	4.8	6.1	4.3	4.9	4.6	3.5	3.8	---	---	---
13	5.7	4.7	5.1	5.4	4.3	4.6	4.4	3.4	3.7	---	---	---
14	5.9	4.8	5.4	4.9	4.1	4.5	4.7	3.0	3.6	---	---	---
15	6.7	5.1	5.8	5.7	4.0	4.5	3.9	2.3	3.4	---	---	---
16	6.9	5.0	5.9	5.2	4.2	4.6	4.0	3.2	3.5	---	---	---
17	6.3	5.3	5.8	5.2	3.9	4.5	4.7	3.0	3.5	---	---	---
18	5.9	5.2	5.6	5.5	3.4	4.4	4.3	2.8	3.2	---	---	---
19	6.5	5.0	5.5	5.1	3.9	4.6	4.4	2.4	3.0	---	---	---
20	6.0	4.7	5.3	5.4	4.2	4.9	5.0	2.3	3.3	---	---	---
21	---	---	---	5.1	4.0	4.6	5.3	2.4	4.1	---	---	---
22	---	---	---	5.2	3.6	4.5	---	---	---	---	---	---
23	---	---	---	5.4	4.1	4.8	---	---	---	---	---	---
24	---	---	---	5.3	4.1	4.8	---	---	---	---	---	---
25	---	---	---	5.4	4.1	4.9	---	---	---	---	---	---
26	---	---	---	5.2	4.1	4.8	---	---	---	---	---	---
27	5.4	4.6	5.0	5.2	4.1	4.7	---	---	---	---	---	---
28	5.0	4.0	4.6	5.2	4.1	4.7	---	---	---	---	---	---
29	5.0	4.0	4.4	4.9	4.0	4.4	---	---	---	---	---	---
30	4.9	3.7	4.3	4.5	3.4	4.0	---	---	---	---	---	---
31	---	---	---	4.4	3.0	3.8	---	---	---	---	---	---
MONTH	6.9	3.0	4.7	6.9	3.0	4.5	5.3	2.2	3.3	---	---	---
YEAR	8.6	2.2	5.2									

021989796 BACK RIVER BELOW TIDAL GATE AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	6.2	1.9	3.8
2	---	---	---	---	---	---	---	---	---	6.4	2.3	5.2
3	---	---	---	---	---	---	---	---	---	6.2	2.6	5.2
4	---	---	---	---	---	---	7.5	6.0	7.1	6.1	5.0	5.6
5	---	---	---	---	---	---	7.4	6.4	6.8	6.4	5.4	5.8
6	---	---	---	---	---	---	6.7	5.5	6.3	6.3	5.2	5.7
7	---	---	---	---	---	---	6.9	4.7	6.2	6.8	5.6	6.1
8	---	---	---	---	---	---	7.2	6.5	6.8	6.4	5.5	6.0
9	---	---	---	---	---	---	7.4	6.5	6.8	6.6	5.4	5.9
10	---	---	---	---	---	---	7.0	4.9	6.3	6.7	5.4	6.1
11	---	---	---	---	---	---	6.9	5.3	6.1	6.7	5.4	6.0
12	---	---	---	---	---	---	7.3	2.3	6.6	6.4	5.6	6.0
13	---	---	---	---	---	---	7.1	.0	4.9	6.2	5.4	5.8
14	---	---	---	---	---	---	7.1	.0	5.8	6.2	3.5	5.6
15	---	---	---	---	---	---	7.3	.9	5.7	6.3	5.1	5.6
16	---	---	---	---	---	---	7.4	.0	5.4	5.7	4.8	5.3
17	---	---	---	---	---	---	5.9	4.2	5.2	5.4	4.8	5.0
18	---	---	---	---	---	---	4.9	1.7	4.2	5.5	3.6	4.5
19	---	---	---	---	---	---	7.5	1.1	3.3	5.1	3.4	4.3
20	---	---	---	---	---	---	7.1	.8	3.1	5.0	4.2	4.6
21	---	---	---	---	---	---	7.2	.6	2.9	4.8	4.0	4.4
22	---	---	---	---	---	---	7.1	1.8	5.6	4.6	3.8	4.2
23	---	---	---	---	---	---	7.0	5.2	6.0	4.4	3.1	4.0
24	---	---	---	---	---	---	6.8	4.9	5.7	4.0	2.6	3.4
25	---	---	---	---	---	---	6.5	4.7	5.7	4.3	3.5	3.9
26	---	---	---	---	---	---	6.4	4.5	5.6	4.5	3.0	3.7
27	---	---	---	---	---	---	6.2	5.0	5.6	4.5	2.9	3.4
28	---	---	---	---	---	---	6.4	5.0	5.7	5.4	2.9	3.9
29	---	---	---	---	---	---	6.5	4.5	5.2	5.6	3.9	4.5
30	---	---	---	---	---	---	6.3	1.8	4.0	5.0	4.1	4.5
31	---	---	---	---	---	---	---	---	---	4.9	4.0	4.4
MONTH	---	---	---	---	---	---	7.5	.0	5.5	6.8	1.9	4.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	4.2	3.1	3.7	3.3	1.7	2.5	---	---	---
2	4.0	3.0	3.7	4.1	3.1	3.6	2.9	1.5	2.3	---	---	---
3	3.8	2.7	3.3	3.9	2.9	3.4	5.3	1.5	2.7	---	---	---
4	3.6	2.4	3.1	3.7	2.8	3.2	4.0	1.4	3.1	---	---	---
5	3.6	2.2	2.9	3.6	2.7	3.2	1.6	.6	1.0	---	---	---
6	3.7	2.3	3.0	3.5	2.6	3.0	2.5	.6	1.5	---	---	---
7	3.5	1.8	2.7	3.1	1.7	2.2	2.9	1.1	1.7	---	---	---
8	3.3	1.8	2.6	2.5	1.5	1.9	---	---	---	---	---	---
9	3.5	1.6	2.4	2.4	1.8	2.1	---	---	---	---	---	---
10	3.2	1.5	2.4	2.3	1.1	1.8	---	---	---	---	---	---
11	3.2	1.8	2.5	2.6	1.3	1.7	---	---	---	---	---	---
12	3.0	1.4	1.9	2.6	1.7	2.1	---	---	---	---	---	---
13	2.2	1.0	1.5	---	---	---	---	---	---	---	---	---
14	5.5	1.2	2.2	---	---	---	---	---	---	---	---	---
15	3.7	1.9	2.6	---	---	---	3.4	.0	2.5	---	---	---
16	4.0	2.0	2.6	---	---	---	3.2	.2	2.5	---	---	---
17	4.7	1.8	2.8	---	---	---	3.1	.1	1.6	---	---	---
18	4.3	2.3	3.2	---	---	---	3.1	.1	1.7	---	---	---
19	3.9	2.0	2.9	---	---	---	2.1	.2	.8	---	---	---
20	3.5	1.8	2.8	---	---	---	1.7	.2	.6	---	---	---
21	3.4	1.4	2.2	4.1	2.0	3.2	1.3	.3	1.0	---	---	---
22	---	---	---	5.2	1.9	3.5	---	---	---	---	---	---
23	---	---	---	5.5	1.9	3.4	---	---	---	---	---	---
24	---	---	---	5.4	2.6	3.5	---	---	---	---	---	---
25	---	---	---	5.3	1.7	3.0	---	---	---	---	---	---
26	---	---	---	5.2	1.6	2.8	---	---	---	---	---	---
27	5.4	2.5	4.0	4.9	1.5	3.1	---	---	---	---	---	---
28	4.9	2.8	3.6	3.3	1.5	2.2	---	---	---	---	---	---
29	4.4	3.0	3.6	4.3	1.4	2.3	---	---	---	---	---	---
30	4.3	2.9	3.6	3.8	1.4	1.9	---	---	---	---	---	---
31	---	---	---	3.6	1.3	2.1	---	---	---	---	---	---
MONTH	5.5	1.0	2.8	5.5	1.1	2.7	5.3	.0	1.7	---	---	---
YEAR	7.5	.0	3.8									

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

LOCATION.--Lat 32°05'30'', long 81°04'07'', Jasper County, Hydrologic Unit 03060109, at Hutchinson Island on the Back River near Savannah, Georgia.

PERIOD OF RECORD.--Apr. 1989 to Aug. 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Apr. 1989 to Aug. 1989.
SPECIFIC CONDUCTANCE (Bottom): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Top): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Bottom): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Top): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Bottom): Apr. 1989 to Aug. 1989.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 27900 microsiemens, June 19; minimum, 442 microsiemens, Apr. 23.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 39700 microsiemens, Aug. 15; minimum, 7100 microsiemens, May 7.
WATER TEMPERATURE (Top): Maximum, 30.5°C, July 10; minimum, 15.0°C, Apr. 13, 14.
WATER TEMPERATURE (Bottom): Maximum, 29.5°C, Aug. 2; minimum, 22.5°C, May 19.
DISSOLVED OXYGEN (Top): Maximum, 7.9 mg/L, Apr. 13, 14; minimum, 2.1 mg/L, Aug. 4.
DISSOLVED OXYGEN (Bottom): Maximum, 7.1 mg/L, Apr. 4; minimum, 0.0 mg/L, Apr. 6, 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	21100	9620	14400
2	---	---	---	---	---	---	---	---	---	20500	6300	12100
3	---	---	---	---	---	---	---	---	---	21500	6970	12600
4	---	---	---	---	---	---	20300	6980	12200	19200	8040	13000
5	---	---	---	---	---	---	16600	5450	10500	21200	7540	13000
6	---	---	---	---	---	---	12700	3510	7660	17600	5290	11000
7	---	---	---	---	---	---	16300	4190	8280	15500	3480	9010
8	---	---	---	---	---	---	16000	4460	8370	15300	3460	8390
9	---	---	---	---	---	---	14300	3430	7840	14400	2430	7220
10	---	---	---	---	---	---	13500	2800	7370	11800	1110	5550
11	---	---	---	---	---	---	12200	2270	5910	14900	2200	5970
12	---	---	---	---	---	---	11900	2240	5730	13800	6170	9620
13	---	---	---	---	---	---	8320	2340	5160	15900	6950	10900
14	---	---	---	---	---	---	8190	2290	5030	15400	7140	10700
15	---	---	---	---	---	---	9260	2660	5190	16700	6420	10500
16	---	---	---	---	---	---	9940	2750	6270	17700	5490	10000
17	---	---	---	---	---	---	10800	3810	6700	18200	5680	11400
18	---	---	---	---	---	---	11200	3090	6200	22500	9090	15600
19	---	---	---	---	---	---	8960	2050	4930	21900	9200	14800
20	---	---	---	---	---	---	8720	1330	4440	22500	8400	14100
21	---	---	---	---	---	---	11200	1400	4750	22000	7000	13200
22	---	---	---	---	---	---	10200	971	4450	22700	6900	12500
23	---	---	---	---	---	---	8760	442	3580	19800	5900	11600
24	---	---	---	---	---	---	8330	915	3680	21700	6900	11800
25	---	---	---	---	---	---	8980	1700	4990	20400	8300	13300
26	---	---	---	---	---	---	11900	3660	6780	23100	8800	14000
27	---	---	---	---	---	---	14000	6630	9630	22100	9900	14400
28	---	---	---	---	---	---	16000	9510	12200	22100	10700	16400
29	---	---	---	---	---	---	18000	10900	13900	24300	13300	18300
30	---	---	---	---	---	---	19500	11000	14500	24600	11300	17100
31	---	---	---	---	---	---	---	---	---	24400	9200	15900
MONTH	---	---	---	---	---	---	20300	442	7270	24600	1110	12200

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24900	7900	14900	20800	5100	12200	---	---	---	---	---	---
2	---	---	---	19400	5300	11500	---	---	---	---	---	---
3	---	---	---	21300	4000	10500	---	---	---	---	---	---
4	---	---	---	19800	3500	9650	16700	8100	12800	---	---	---
5	23100	6900	13500	17600	3800	9360	16900	7700	12500	---	---	---
6	24600	6300	12500	16400	3800	8870	18200	8800	13500	---	---	---
7	21000	6100	12300	17900	3700	8330	20600	12000	16200	---	---	---
8	22400	6500	12700	15600	4100	8300	22600	14000	18300	---	---	---
9	20500	5700	11100	15000	4900	8620	20700	16000	18600	---	---	---
10	19700	6200	11300	17300	5200	10300	23900	18100	20000	---	---	---
11	23200	8700	14100	---	---	---	23100	19400	21400	---	---	---
12	23900	11500	16900	---	---	---	25200	19400	22200	---	---	---
13	23700	12100	17000	---	---	---	25600	19300	23300	---	---	---
14	25100	11700	17300	---	---	---	25600	17700	22400	---	---	---
15	24000	12400	17900	---	---	---	25300	14100	21000	---	---	---
16	26100	13200	18400	---	---	---	24000	13100	19200	---	---	---
17	25500	12300	17800	---	---	---	24000	12500	19200	---	---	---
18	26900	11800	17600	27900	10200	16900	22500	12600	18100	---	---	---
19	27900	11000	17000	23900	9100	15400	21800	12100	17200	---	---	---
20	25500	9700	16300	21500	7900	13500	21300	11300	16100	---	---	---
21	23100	8800	14600	21600	7800	13500	18300	11000	15100	---	---	---
22	22900	7800	13400	19900	6000	11400	---	---	---	---	---	---
23	20300	6700	12500	17700	3400	8920	---	---	---	---	---	---
24	21300	6300	11700	16000	2500	6860	---	---	---	---	---	---
25	17100	4800	9060	12700	1500	6270	---	---	---	---	---	---
26	14400	3700	7350	13700	1100	6070	---	---	---	---	---	---
27	12900	2400	6660	12500	1300	5830	---	---	---	---	---	---
28	17900	2200	7640	16100	1000	6320	---	---	---	---	---	---
29	18000	2600	8830	23800	2000	8180	---	---	---	---	---	---
30	23200	3900	11200	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	27900	2200	13400	27900	1000	9850	25600	7700	18200	---	---	---
YEAR	27900	442	11800									

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	20200	19800	20000
2	---	---	---	---	---	---	---	---	---	20300	19700	20000
3	---	---	---	---	---	---	---	---	---	20500	19100	19900
4	---	---	---	---	---	---	27200	16100	24700	20000	17900	19100
5	---	---	---	---	---	---	25400	11200	21600	26900	11100	19100
6	---	---	---	---	---	---	23600	10400	20000	27200	8700	18500
7	---	---	---	---	---	---	23900	9900	18600	27000	7100	18600
8	---	---	---	---	---	---	21200	11600	18400	---	---	---
9	---	---	---	---	---	---	20300	17800	18200	---	---	---
10	---	---	---	---	---	---	18300	17600	17900	---	---	---
11	---	---	---	---	---	---	17700	17400	17500	---	---	---
12	---	---	---	---	---	---	17600	17300	17400	---	---	---
13	---	---	---	---	---	---	17400	17200	17300	---	---	---
14	---	---	---	---	---	---	17500	17200	17300	---	---	---
15	---	---	---	---	---	---	17600	17400	17400	---	---	---
16	---	---	---	---	---	---	17900	17500	17700	---	---	---
17	---	---	---	---	---	---	18200	17800	18000	---	---	---
18	---	---	---	---	---	---	18500	18200	18300	---	---	---
19	---	---	---	---	---	---	18700	18400	18600	---	---	---
20	---	---	---	---	---	---	18800	18600	18700	---	---	---
21	---	---	---	---	---	---	19000	18700	18800	---	---	---
22	---	---	---	---	---	---	19100	18900	19000	---	---	---
23	---	---	---	---	---	---	19100	18900	19000	---	---	---
24	---	---	---	---	---	---	19200	18900	19000	---	---	---
25	---	---	---	---	---	---	19100	18900	19000	---	---	---
26	---	---	---	---	---	---	19200	19100	19100	---	---	---
27	---	---	---	---	---	---	19300	19100	19200	---	---	---
28	---	---	---	---	---	---	19500	19100	19300	---	---	---
29	---	---	---	---	---	---	19600	19400	19500	---	---	---
30	---	---	---	---	---	---	20000	19600	19700	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	27200	9900	18900	27200	7100	19300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	31800	12900	23700	26300	25200	25400	---	---	---
2	30200	14100	26000	30300	11200	23400	26500	25300	25500	---	---	---
3	30300	14800	26500	29300	10800	23100	28900	25500	26300	---	---	---
4	30700	14600	25500	28800	11800	23700	30300	8030	20000	---	---	---
5	30700	14700	25800	29200	12700	25500	18900	8310	14700	---	---	---
6	29500	14100	25500	29300	22400	25200	33000	9270	23000	---	---	---
7	30700	17200	27100	22400	21700	22000	36400	31000	34200	---	---	---
8	28900	16600	26300	22400	21800	22000	37800	32400	35200	---	---	---
9	29600	16800	28100	22400	22000	22200	38100	35600	36900	---	---	---
10	33000	26500	29800	22900	22400	22600	38300	36000	37400	---	---	---
11	34000	32500	33400	23500	22900	23200	38400	37100	37800	---	---	---
12	33300	31800	32700	27300	23400	25100	39100	37100	37900	---	---	---
13	33800	31600	33100	28600	27400	27800	38300	34800	36800	---	---	---
14	35100	32700	33900	28600	28100	28300	37000	29700	35300	---	---	---
15	35100	31500	34100	28600	28500	28500	39700	29100	34800	---	---	---
16	34300	31700	33400	28700	28600	28600	39100	30400	35800	---	---	---
17	34300	31800	32800	28600	27200	28300	37900	28900	34100	---	---	---
18	34200	23800	32000	27800	24200	27100	35900	27400	31600	---	---	---
19	34100	23100	31000	31300	20900	26500	33300	26000	29500	---	---	---
20	33400	20200	29700	31900	17500	26100	29700	25400	27800	---	---	---
21	31900	18700	28200	31600	25100	27400	28000	25000	26800	---	---	---
22	31000	17300	27000	33000	18600	27900	---	---	---	---	---	---
23	30500	14700	27100	27700	27200	27400	---	---	---	---	---	---
24	29200	22300	26700	28500	16600	26500	---	---	---	---	---	---
25	27700	12400	24400	26300	24700	26000	---	---	---	---	---	---
26	26900	9900	22300	25800	24700	25400	---	---	---	---	---	---
27	24800	9200	21200	25800	24600	25100	---	---	---	---	---	---
28	28100	10800	22500	25700	24500	24800	---	---	---	---	---	---
29	30900	13100	24800	25900	24700	25100	---	---	---	---	---	---
30	31500	12500	24000	26100	24800	25800	---	---	---	---	---	---
31	---	---	---	26300	25100	25500	---	---	---	---	---	---
MONTH	35100	9200	28100	33000	10800	25500	39700	8030	30800	---	---	---
YEAR	39700	7100	25200									

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	27.0	27.5	28.5	27.5	28.0	30.0	29.0	29.5	---	---	---
2	28.5	27.5	28.0	28.5	27.5	28.0	29.5	28.0	29.0	---	---	---
3	29.0	27.5	28.5	28.5	27.5	28.0	30.0	28.0	29.0	---	---	---
4	29.5	28.0	28.5	28.5	27.5	28.0	30.0	29.0	29.5	---	---	---
5	29.5	28.5	29.0	28.5	27.5	28.0	30.5	28.5	29.5	---	---	---
6	29.0	28.5	29.0	29.0	28.0	28.5	30.5	28.0	29.5	---	---	---
7	29.0	28.0	28.5	29.5	28.5	29.0	30.5	28.5	29.5	---	---	---
8	28.5	28.0	28.5	30.0	28.5	29.0	29.5	29.0	29.0	---	---	---
9	28.5	27.5	28.0	30.0	29.0	29.5	29.5	28.0	28.5	---	---	---
10	29.0	27.5	28.0	30.5	29.0	29.5	28.5	27.0	28.0	---	---	---
11	29.0	28.0	28.5	30.5	28.5	29.5	28.0	27.0	27.5	---	---	---
12	29.5	28.0	28.5	30.0	28.5	29.5	27.5	26.5	27.0	---	---	---
13	29.5	28.5	29.0	30.0	28.5	29.0	27.0	26.5	27.0	---	---	---
14	29.5	28.5	29.0	29.5	28.5	29.0	27.0	26.0	26.5	---	---	---
15	29.5	28.0	28.5	30.0	29.0	29.5	27.0	26.0	26.5	---	---	---
16	29.0	28.0	28.5	29.5	29.0	29.0	28.5	26.0	26.5	---	---	---
17	28.5	28.0	28.5	30.0	29.0	29.5	28.0	26.5	27.0	---	---	---
18	28.5	28.0	28.0	29.5	29.0	29.5	27.5	27.0	27.0	---	---	---
19	29.0	28.0	28.0	29.5	29.0	29.5	29.5	27.0	27.5	---	---	---
20	28.5	28.0	28.0	29.5	28.0	29.0	29.5	27.5	28.0	---	---	---
21	28.5	28.0	28.0	29.5	28.0	29.0	29.5	27.5	29.0	---	---	---
22	29.0	27.5	28.5	29.5	28.5	29.0	---	---	---	---	---	---
23	28.5	28.0	28.0	29.0	27.5	28.5	---	---	---	---	---	---
24	29.0	27.5	28.5	28.5	27.0	28.0	---	---	---	---	---	---
25	29.5	28.0	28.5	28.5	27.0	28.0	---	---	---	---	---	---
26	30.5	28.0	29.0	28.5	27.0	28.0	---	---	---	---	---	---
27	29.5	27.5	28.5	28.5	27.0	28.0	---	---	---	---	---	---
28	29.5	28.0	28.5	28.5	27.0	28.0	---	---	---	---	---	---
29	29.0	28.0	28.5	29.0	27.5	28.5	---	---	---	---	---	---
30	28.5	27.5	28.0	29.5	28.0	28.5	---	---	---	---	---	---
31	---	---	---	29.5	28.5	29.0	---	---	---	---	---	---
MONTH	30.5	27.0	28.5	30.5	27.0	28.5	30.5	26.0	28.0	---	---	---
YEAR	30.5	15.0	25.5									

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	23.5	22.5	23.0
20	---	---	---	---	---	---	---	---	---	23.5	23.0	23.5
21	---	---	---	---	---	---	---	---	---	24.0	23.5	23.5
22	---	---	---	---	---	---	---	---	---	24.5	24.0	24.0
23	---	---	---	---	---	---	---	---	---	24.5	24.0	24.5
24	---	---	---	---	---	---	---	---	---	25.0	24.5	24.5
25	---	---	---	---	---	---	---	---	---	25.0	24.5	24.5
26	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
27	---	---	---	---	---	---	---	---	---	26.0	25.0	25.5
28	---	---	---	---	---	---	---	---	---	26.5	25.5	26.0
29	---	---	---	---	---	---	---	---	---	26.5	26.0	26.0
30	---	---	---	---	---	---	---	---	---	27.0	26.0	26.5
31	---	---	---	---	---	---	---	---	---	27.5	26.5	27.0
MONTH	---	---	---	---	---	---	---	---	---	27.5	22.5	25.0

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

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	6.4	5.4	5.8
2	---	---	---	---	---	---	---	---	---	6.3	5.4	5.9
3	---	---	---	---	---	---	---	---	---	5.8	5.2	5.5
4	---	---	---	---	---	---	6.9	6.5	6.8	6.0	4.9	5.3
5	---	---	---	---	---	---	6.6	6.0	6.4	6.0	4.9	5.4
6	---	---	---	---	---	---	6.8	5.9	6.4	5.9	5.0	5.4
7	---	---	---	---	---	---	7.2	6.1	6.5	6.4	5.4	5.8
8	---	---	---	---	---	---	7.2	6.2	6.7	6.1	5.5	5.8
9	---	---	---	---	---	---	6.8	6.2	6.5	6.5	5.4	5.9
10	---	---	---	---	---	---	6.9	6.2	6.5	6.6	5.7	6.1
11	---	---	---	---	---	---	7.5	6.7	7.1	6.6	6.0	6.2
12	---	---	---	---	---	---	7.8	6.7	7.2	6.3	5.9	6.1
13	---	---	---	---	---	---	7.9	7.0	7.5	6.2	5.9	6.1
14	---	---	---	---	---	---	7.9	7.4	7.7	6.6	5.8	6.2
15	---	---	---	---	---	---	7.8	7.6	7.7	6.3	5.8	6.1
16	---	---	---	---	---	---	7.8	7.5	7.6	6.2	5.6	6.0
17	---	---	---	---	---	---	7.7	7.4	7.5	6.8	5.7	6.1
18	---	---	---	---	---	---	7.4	7.0	7.2	6.2	5.5	5.9
19	---	---	---	---	---	---	7.1	6.7	6.8	5.9	5.3	5.6
20	---	---	---	---	---	---	7.0	6.5	6.8	5.8	5.1	5.4
21	---	---	---	---	---	---	7.0	6.6	6.8	5.7	5.0	5.3
22	---	---	---	---	---	---	6.8	6.4	6.6	5.7	4.9	5.3
23	---	---	---	---	---	---	6.6	6.3	6.5	5.9	5.0	5.4
24	---	---	---	---	---	---	6.4	6.0	6.2	5.9	5.0	5.5
25	---	---	---	---	---	---	6.2	5.8	6.0	5.6	4.6	5.2
26	---	---	---	---	---	---	6.4	5.8	6.1	5.8	4.7	5.3
27	---	---	---	---	---	---	6.5	5.8	6.2	5.8	4.7	5.3
28	---	---	---	---	---	---	6.6	5.8	6.2	7.1	5.1	5.8
29	---	---	---	---	---	---	6.4	5.6	6.1	7.3	5.3	6.0
30	---	---	---	---	---	---	6.1	5.4	5.8	6.3	4.8	5.8
31	---	---	---	---	---	---	---	---	---	5.9	4.6	5.5
MONTH	---	---	---	---	---	---	7.9	5.4	6.7	7.3	4.6	5.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.8	4.5	5.3	4.9	4.0	4.4	4.7	2.8	3.5	---	---	---
2	4.7	4.2	4.4	5.3	4.0	4.5	4.4	2.4	3.1	---	---	---
3	4.6	3.7	4.2	4.9	4.2	4.6	3.9	2.3	2.8	---	---	---
4	4.5	3.5	4.1	5.4	4.2	4.7	4.2	2.1	2.7	---	---	---
5	5.3	3.7	4.3	5.4	4.3	4.8	4.2	2.5	3.2	---	---	---
6	4.8	3.7	4.2	5.3	4.2	4.8	4.8	2.9	3.7	---	---	---
7	4.6	3.6	4.2	5.5	4.3	5.0	4.9	3.6	4.2	---	---	---
8	4.8	3.7	4.2	5.8	4.6	5.2	4.9	3.8	4.3	---	---	---
9	6.3	4.1	5.1	5.7	4.6	5.1	4.8	4.0	4.4	---	---	---
10	5.6	4.2	5.2	5.5	4.1	4.8	5.0	4.2	4.5	---	---	---
11	5.5	4.4	5.1	5.3	4.2	4.7	4.8	4.4	4.6	---	---	---
12	5.7	4.8	5.2	5.1	4.3	4.7	4.7	4.2	4.4	---	---	---
13	6.1	5.0	5.5	5.0	4.3	4.6	4.7	4.2	4.4	---	---	---
14	6.1	4.3	5.5	4.8	4.1	4.5	4.9	4.3	4.5	---	---	---
15	6.3	4.8	5.5	---	---	---	4.4	3.2	4.2	---	---	---
16	6.5	5.0	5.5	---	---	---	4.9	3.2	3.8	---	---	---
17	5.7	5.0	5.3	---	---	---	4.7	3.1	3.6	---	---	---
18	5.6	4.7	5.1	---	---	---	3.7	2.9	3.3	---	---	---
19	6.0	4.7	5.2	---	---	---	4.5	2.5	3.1	---	---	---
20	6.4	4.8	5.6	---	---	---	5.1	2.3	3.3	---	---	---
21	6.0	4.7	5.4	5.1	3.7	4.3	4.9	2.2	3.7	---	---	---
22	---	---	---	5.0	3.5	4.2	---	---	---	---	---	---
23	---	---	---	6.5	3.6	4.7	---	---	---	---	---	---
24	---	---	---	5.9	3.9	4.6	---	---	---	---	---	---
25	---	---	---	5.1	3.9	4.5	---	---	---	---	---	---
26	---	---	---	5.9	3.8	4.8	---	---	---	---	---	---
27	---	---	---	4.9	3.8	4.4	---	---	---	---	---	---
28	4.9	4.2	4.5	5.5	3.8	4.5	---	---	---	---	---	---
29	5.0	3.9	4.4	5.1	3.8	4.4	---	---	---	---	---	---
30	5.1	3.8	4.4	4.8	3.3	4.0	---	---	---	---	---	---
31	---	---	---	4.6	3.1	3.7	---	---	---	---	---	---
MONTH	6.5	3.5	4.9	6.5	3.1	4.6	5.1	2.1	3.8	---	---	---
YEAR	7.9	2.1	5.2									

021989797 BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	7.1	.1	5.3	---	---	---
5	---	---	---	---	---	---	6.8	.0	3.7	---	---	---
6	---	---	---	---	---	---	6.1	.0	4.0	---	---	---
7	---	---	---	---	---	---	6.4	.0	3.9	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	6.0	5.3	5.5
10	---	---	---	---	---	---	---	---	---	6.1	5.1	5.5
11	---	---	---	---	---	---	---	---	---	6.0	5.4	5.7
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	7.1	.0	4.2	6.1	5.1	5.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.6	4.3	4.4	4.2	3.0	3.5	---	---	---	---	---	---
2	4.4	3.5	4.0	4.1	2.8	3.6	---	---	---	---	---	---
3	4.1	3.3	3.7	---	---	---	---	---	---	---	---	---
4	4.2	3.2	3.6	---	---	---	---	---	---	---	---	---
5	4.0	3.1	3.5	---	---	---	---	---	---	---	---	---
6	3.8	3.2	3.5	---	---	---	---	---	---	---	---	---
7	3.8	3.0	3.4	---	---	---	---	---	---	---	---	---
8	3.8	2.9	3.4	---	---	---	3.4	1.7	2.6	---	---	---
9	6.1	2.9	3.6	---	---	---	2.9	2.0	2.6	---	---	---
10	4.3	2.9	3.8	---	---	---	2.6	1.3	2.1	---	---	---
11	4.3	3.5	3.9	---	---	---	3.6	.7	1.6	---	---	---
12	4.0	3.3	3.6	---	---	---	3.7	1.3	2.5	---	---	---
13	3.8	3.1	3.4	---	---	---	---	---	---	---	---	---
14	3.9	3.0	3.4	---	---	---	---	---	---	---	---	---
15	3.6	2.6	3.1	---	---	---	---	---	---	---	---	---
16	3.4	2.6	3.1	---	---	---	---	---	---	---	---	---
17	4.1	2.6	3.1	---	---	---	---	---	---	---	---	---
18	4.1	3.3	3.7	---	---	---	3.2	.1	1.1	---	---	---
19	4.4	3.6	3.9	---	---	---	2.9	.2	1.2	---	---	---
20	4.5	3.7	4.0	---	---	---	2.7	.2	1.0	---	---	---
21	4.4	3.7	4.0	3.7	2.9	3.4	---	---	---	---	---	---
22	4.2	3.6	3.9	3.9	2.4	3.1	---	---	---	---	---	---
23	4.1	3.4	3.7	4.0	3.1	3.5	---	---	---	---	---	---
24	3.9	3.3	3.5	4.4	2.1	3.4	---	---	---	---	---	---
25	3.7	3.2	3.4	4.6	2.1	3.4	---	---	---	---	---	---
26	4.5	3.1	3.5	4.6	2.0	2.9	---	---	---	---	---	---
27	4.4	2.9	3.5	3.7	1.6	2.8	---	---	---	---	---	---
28	4.2	3.0	3.5	3.4	1.6	2.6	---	---	---	---	---	---
29	3.8	2.1	3.4	4.1	2.0	2.8	---	---	---	---	---	---
30	3.9	2.1	3.3	3.8	1.7	2.9	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	6.1	2.1	3.6	4.6	1.6	3.2	3.7	.1	1.8	---	---	---
YEAR	7.1	.0	3.4									

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

LOCATION.--Lat 32°05'17'', long 81°03'35'', Jasper County, Hydrologic Unit 03060109, at Fig Island on the Back River near Savannah, Georgia.

PERIOD OF RECORD.--Apr. 1989 to Aug. 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Apr. 1989 to Aug. 1989.
SPECIFIC CONDUCTANCE (Bottom): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Top): Apr. 1989 to Aug. 1989.
WATER TEMPERATURE (Bottom): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Top): Apr. 1989 to Aug. 1989.
DISSOLVED OXYGEN (Bottom): Apr. 1989 to Aug. 1989.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 24600 microsiemens, June 19; minimum, 1340 microsiemens, July 26.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 46700 microsiemens, Aug. 13; minimum, 9400 microsiemens, June 28.
WATER TEMPERATURE (Top): Maximum, 31.0°C, Aug. 4; minimum, 18.0°C, Apr. 4.
WATER TEMPERATURE (Bottom): Maximum, 30.5°C, June 29; minimum, 21.5°C, May 18.
DISSOLVED OXYGEN (Top): Maximum, 7.5 mg/L, Apr. 3; minimum, 1.8 mg/L, Aug. 20.
DISSOLVED OXYGEN (Bottom): Maximum, 6.1 mg/L, May 5; minimum, 0.0 mg/L, Aug. 13, 16-19, 21.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	18100	10600	17500	---	---	---
4	---	---	---	---	---	---	19000	7700	13100	---	---	---
5	---	---	---	---	---	---	16500	6200	11100	18900	8300	13600
6	---	---	---	---	---	---	14800	6800	12500	17500	6300	11700
7	---	---	---	---	---	---	---	---	---	15900	4200	9930
8	---	---	---	---	---	---	---	---	---	15400	4600	9280
9	---	---	---	---	---	---	---	---	---	14200	3400	8150
10	---	---	---	---	---	---	---	---	---	13000	2000	6100
11	---	---	---	---	---	---	---	---	---	11400	3500	6600
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	18500	10900	16700
18	---	---	---	---	---	---	---	---	---	20900	9300	14300
19	---	---	---	---	---	---	---	---	---	19100	9300	14200
20	---	---	---	---	---	---	---	---	---	19300	8300	13500
21	---	---	---	---	---	---	---	---	---	18000	7300	12500
22	---	---	---	---	---	---	---	---	---	18200	6700	12000
23	---	---	---	---	---	---	---	---	---	15300	6100	10400
24	---	---	---	---	---	---	---	---	---	17200	6700	11000
25	---	---	---	---	---	---	---	---	---	18900	8200	12500
26	---	---	---	---	---	---	---	---	---	17600	8800	13000
27	---	---	---	---	---	---	---	---	---	18100	9500	13500
28	---	---	---	---	---	---	---	---	---	22900	10600	16000
29	---	---	---	---	---	---	---	---	---	24100	13100	17700
30	---	---	---	---	---	---	---	---	---	22200	11400	16400
31	---	---	---	---	---	---	---	---	---	20600	9400	15100
MONTH	---	---	---	---	---	---	19000	6200	13500	24100	2000	12500

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22500	8300	14500	18800	5000	11200	14200	4610	9550	---	---	---
2	21100	8170	14300	17800	5100	10600	14800	6050	10400	---	---	---
3	21000	8150	14300	17200	4700	9920	15800	7900	12300	---	---	---
4	20400	8040	13500	17100	6500	10400	16800	8200	11800	---	---	---
5	21000	3330	11700	---	---	---	13100	8000	10900	---	---	---
6	20300	3020	11000	---	---	---	17100	9200	12700	---	---	---
7	20300	2710	10600	---	---	---	18900	12700	15500	---	---	---
8	18700	3100	10400	---	---	---	18500	14800	17000	---	---	---
9	14600	2290	9240	---	---	---	19500	17300	18400	---	---	---
10	14600	2830	9000	---	---	---	21000	18500	19800	---	---	---
11	19100	9120	12700	---	---	---	21900	18700	20400	---	---	---
12	22000	11500	15700	---	---	---	23000	19400	21200	---	---	---
13	21100	11300	14900	---	---	---	23200	19100	21900	---	---	---
14	20600	11200	15300	---	---	---	23700	19700	21200	---	---	---
15	23800	12600	17300	---	---	---	22100	13800	18300	---	---	---
16	22100	13100	17400	---	---	---	21700	13400	17300	---	---	---
17	22300	10100	16800	---	---	---	21000	13300	16900	---	---	---
18	23700	12200	17100	---	---	---	20500	13400	16700	---	---	---
19	24600	10200	16800	---	---	---	19000	13200	16100	---	---	---
20	22500	10300	16600	---	---	---	19200	12800	15600	---	---	---
21	20900	9720	14900	---	---	---	15900	12300	15100	---	---	---
22	18500	8330	12800	---	---	---	---	---	---	---	---	---
23	19800	7350	12000	---	---	---	---	---	---	---	---	---
24	16400	6470	11000	---	---	---	---	---	---	---	---	---
25	15200	5580	9210	10300	2300	8190	---	---	---	---	---	---
26	13200	4200	8010	10400	1340	5410	---	---	---	---	---	---
27	12400	2810	6740	10100	1590	5810	---	---	---	---	---	---
28	14500	2330	7090	12200	1550	6050	---	---	---	---	---	---
29	15200	2600	8260	14900	2410	7620	---	---	---	---	---	---
30	19100	4100	10500	15500	3670	9150	---	---	---	---	---	---
31	---	---	---	14400	3940	8970	---	---	---	---	---	---
MONTH	24600	2290	12700	18800	1340	8480	23700	4610	16100	---	---	---
YEAR	24600	1340	13000									

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	29100	13000	23500	---	---	---
5	---	---	---	---	---	---	32500	12000	22700	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	28400	23400	25500
19	---	---	---	---	---	---	---	---	---	23800	23000	23400
20	---	---	---	---	---	---	---	---	---	26500	22700	23500
21	---	---	---	---	---	---	---	---	---	30100	22600	25300
22	---	---	---	---	---	---	---	---	---	28200	22800	23500
23	---	---	---	---	---	---	---	---	---	23400	22700	23100
24	---	---	---	---	---	---	---	---	---	23100	22800	23000
25	---	---	---	---	---	---	---	---	---	23100	22700	23000
26	---	---	---	---	---	---	---	---	---	23100	22800	23000
27	---	---	---	---	---	---	---	---	---	23300	22900	23100
28	---	---	---	---	---	---	---	---	---	33300	22900	24800
29	---	---	---	---	---	---	---	---	---	33900	23300	29200
30	---	---	---	---	---	---	---	---	---	31700	19400	27900
31	---	---	---	---	---	---	---	---	---	25200	23900	24600
MONTH	---	---	---	---	---	---	32500	12000	23100	33900	19400	24500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30900	23500	25400	28500	11300	22800	24400	20000	22800	---	---	---
2	30900	21400	25800	28500	10000	21000	27900	22800	26100	---	---	---
3	31500	22500	26100	27300	9500	19600	28800	24400	27400	---	---	---
4	31100	20600	24300	---	---	---	31600	25700	28900	---	---	---
5	29900	20000	23500	---	---	---	32100	29200	30800	---	---	---
6	31200	20100	24100	---	---	---	35400	31200	33200	---	---	---
7	31400	20000	23200	---	---	---	37800	35300	36800	---	---	---
8	23900	20000	22700	---	---	---	39100	36300	37600	---	---	---
9	29500	22400	23500	---	---	---	41300	38200	39900	---	---	---
10	33200	22200	25700	---	---	---	40700	38700	40100	---	---	---
11	28000	22300	23500	---	---	---	43900	40200	41700	---	---	---
12	23800	23400	23600	---	---	---	44400	42700	43600	---	---	---
13	23900	20000	23600	---	---	---	46700	43500	44300	---	---	---
14	27300	23600	24500	---	---	---	---	---	---	---	---	---
15	24900	23000	24300	---	---	---	46000	32000	41000	---	---	---
16	23800	22200	23400	---	---	---	37500	30900	35000	---	---	---
17	24800	22000	23700	---	---	---	36900	28900	32500	---	---	---
18	27000	22800	24200	---	---	---	34500	28400	30700	---	---	---
19	28000	20000	24700	---	---	---	---	---	---	---	---	---
20	24800	20000	24000	---	---	---	---	---	---	---	---	---
21	25600	20000	24000	---	---	---	---	---	---	---	---	---
22	24100	20300	23600	---	---	---	---	---	---	---	---	---
23	25200	17000	22800	---	---	---	---	---	---	---	---	---
24	25600	18100	22700	---	---	---	---	---	---	---	---	---
25	26300	19300	23000	23900	22200	22800	---	---	---	---	---	---
26	23800	11800	21500	24200	21400	22800	---	---	---	---	---	---
27	23200	10400	20100	26900	21700	23700	---	---	---	---	---	---
28	27200	9400	20400	28700	24000	25800	---	---	---	---	---	---
29	29200	9600	21400	30000	25100	27300	---	---	---	---	---	---
30	29300	10200	22700	28600	20800	25300	---	---	---	---	---	---
31	---	---	---	26600	20000	23900	---	---	---	---	---	---
MONTH	33200	9400	23500	30000	9500	23500	46700	20000	34800	---	---	---
YEAR	46700	9400	26300									

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	20.0	18.0	18.5	---	---	---
5	---	---	---	---	---	---	20.0	18.5	19.0	23.5	23.0	23.5
6	---	---	---	---	---	---	19.5	18.5	19.0	24.0	23.0	23.5
7	---	---	---	---	---	---	---	---	---	23.0	22.5	23.0
8	---	---	---	---	---	---	---	---	---	23.5	21.5	22.5
9	---	---	---	---	---	---	---	---	---	23.0	22.0	22.5
10	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
11	---	---	---	---	---	---	---	---	---	22.0	21.0	21.5
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	23.5	22.5	23.0
19	---	---	---	---	---	---	---	---	---	23.5	22.5	23.0
20	---	---	---	---	---	---	---	---	---	24.0	23.0	23.5
21	---	---	---	---	---	---	---	---	---	24.5	23.5	24.0
22	---	---	---	---	---	---	---	---	---	25.5	24.0	24.5
23	---	---	---	---	---	---	---	---	---	25.5	24.5	24.5
24	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
25	---	---	---	---	---	---	---	---	---	26.0	25.0	25.5
26	---	---	---	---	---	---	---	---	---	26.5	25.0	26.0
27	---	---	---	---	---	---	---	---	---	27.0	25.5	26.5
28	---	---	---	---	---	---	---	---	---	26.5	26.0	26.5
29	---	---	---	---	---	---	---	---	---	26.5	26.0	26.0
30	---	---	---	---	---	---	---	---	---	27.0	26.0	26.5
31	---	---	---	---	---	---	---	---	---	27.5	26.5	27.0
MONTH	---	---	---	---	---	---	20.0	18.0	19.0	27.5	21.0	24.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	27.0	27.5	28.5	27.5	28.0	30.0	29.0	29.0	---	---	---
2	27.5	26.5	27.0	28.5	27.5	28.0	30.0	28.5	29.0	---	---	---
3	26.5	24.0	26.0	28.5	28.0	28.0	29.5	28.5	29.0	---	---	---
4	---	---	---	---	---	---	31.0	28.5	29.5	---	---	---
5	---	---	---	---	---	---	31.0	28.5	29.5	---	---	---
6	---	---	---	---	---	---	30.5	28.5	29.5	---	---	---
7	---	---	---	---	---	---	30.5	28.5	29.5	---	---	---
8	---	---	---	---	---	---	29.5	28.5	29.0	---	---	---
9	---	---	---	---	---	---	28.5	27.5	28.0	---	---	---
10	---	---	---	---	---	---	28.5	27.0	28.0	---	---	---
11	---	---	---	---	---	---	27.5	26.0	27.0	---	---	---
12	---	---	---	---	---	---	27.5	26.0	27.0	---	---	---
13	---	---	---	---	---	---	27.0	26.0	26.5	---	---	---
14	---	---	---	---	---	---	27.0	25.5	26.0	---	---	---
15	---	---	---	---	---	---	27.0	26.0	26.5	---	---	---
16	---	---	---	---	---	---	26.5	25.5	26.0	---	---	---
17	---	---	---	---	---	---	28.0	26.0	26.5	---	---	---
18	---	---	---	---	---	---	28.5	26.5	27.0	---	---	---
19	---	---	---	---	---	---	29.0	27.0	27.5	---	---	---
20	---	---	---	---	---	---	29.0	27.0	28.0	---	---	---
21	---	---	---	---	---	---	29.5	27.5	28.5	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	28.5	28.0	28.5	---	---	---	---	---	---
26	---	---	---	29.0	27.0	28.0	---	---	---	---	---	---
27	---	---	---	28.5	27.0	28.0	---	---	---	---	---	---
28	30.0	28.5	28.5	29.0	27.0	28.0	---	---	---	---	---	---
29	29.0	28.5	29.0	29.0	27.5	28.5	---	---	---	---	---	---
30	29.0	28.0	28.5	29.0	28.5	28.5	---	---	---	---	---	---
31	---	---	---	29.5	28.5	29.0	---	---	---	---	---	---
MONTH	30.0	24.0	27.5	29.5	27.0	28.0	31.0	25.5	28.0	---	---	---
YEAR	31.0	18.0	26.5									

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
19	---	---	---	---	---	---	---	---	---	23.0	22.5	22.5
20	---	---	---	---	---	---	---	---	---	23.5	23.0	23.0
21	---	---	---	---	---	---	---	---	---	24.0	23.0	23.5
22	---	---	---	---	---	---	---	---	---	24.5	23.5	23.5
23	---	---	---	---	---	---	---	---	---	25.0	24.0	24.0
24	---	---	---	---	---	---	---	---	---	25.0	24.0	24.0
25	---	---	---	---	---	---	---	---	---	26.0	24.0	24.5
26	---	---	---	---	---	---	---	---	---	25.0	24.5	24.5
27	---	---	---	---	---	---	---	---	---	25.5	25.0	25.0
28	---	---	---	---	---	---	---	---	---	27.0	25.5	25.5
29	---	---	---	---	---	---	---	---	---	26.0	25.5	26.0
30	---	---	---	---	---	---	---	---	---	26.0	25.5	26.0
31	---	---	---	---	---	---	---	---	---	26.5	26.0	26.0
MONTH	---	---	---	---	---	---	---	---	---	27.0	21.5	24.5

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

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	7.5	6.8	7.4	---	---	---
4	---	---	---	---	---	---	7.1	6.6	6.8	---	---	---
5	---	---	---	---	---	---	6.7	6.1	6.4	6.2	5.0	5.7
6	---	---	---	---	---	---	6.6	5.9	6.4	5.9	4.9	5.4
7	---	---	---	---	---	---	---	---	---	6.5	5.4	5.8
8	---	---	---	---	---	---	---	---	---	6.2	5.4	5.7
9	---	---	---	---	---	---	---	---	---	6.3	5.4	5.8
10	---	---	---	---	---	---	---	---	---	6.3	5.6	6.0
11	---	---	---	---	---	---	---	---	---	6.1	5.6	5.9
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	6.8	5.9	6.3
19	---	---	---	---	---	---	---	---	---	6.4	5.9	6.1
20	---	---	---	---	---	---	---	---	---	6.1	5.6	5.8
21	---	---	---	---	---	---	---	---	---	6.0	5.2	5.6
22	---	---	---	---	---	---	---	---	---	6.0	5.2	5.4
23	---	---	---	---	---	---	---	---	---	6.0	5.3	5.6
24	---	---	---	---	---	---	---	---	---	5.9	5.4	5.7
25	---	---	---	---	---	---	---	---	---	5.7	5.2	5.5
26	---	---	---	---	---	---	---	---	---	5.9	5.2	5.6
27	---	---	---	---	---	---	---	---	---	5.8	5.3	5.5
28	---	---	---	---	---	---	---	---	---	7.3	5.2	5.7
29	---	---	---	---	---	---	---	---	---	7.1	5.1	5.9
30	---	---	---	---	---	---	---	---	---	6.3	5.0	5.7
31	---	---	---	---	---	---	---	---	---	5.6	4.8	5.3
MONTH	---	---	---	---	---	---	7.5	5.9	6.7	7.3	4.8	5.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.3	4.5	4.8	4.6	3.7	4.1	4.6	3.3	3.9	---	---	---
2	5.0	4.5	4.7	4.8	3.6	4.1	4.4	2.9	3.6	---	---	---
3	4.8	4.1	4.5	4.7	3.5	4.0	3.8	2.9	3.3	---	---	---
4	5.6	4.0	4.6	4.1	3.5	3.6	4.3	2.7	3.3	---	---	---
5	5.2	4.1	4.7	---	---	---	4.1	2.8	3.5	---	---	---
6	5.2	3.4	4.6	---	---	---	4.9	3.6	3.9	---	---	---
7	5.1	3.3	4.6	---	---	---	5.0	3.7	4.1	---	---	---
8	5.2	3.3	4.6	---	---	---	4.3	3.6	3.9	---	---	---
9	6.7	5.0	5.5	---	---	---	5.5	3.9	4.6	---	---	---
10	6.0	5.2	5.6	---	---	---	4.5	3.5	4.0	---	---	---
11	6.0	5.4	5.7	---	---	---	4.3	3.7	4.0	---	---	---
12	6.2	5.0	5.7	---	---	---	4.5	3.7	4.0	---	---	---
13	6.3	5.2	5.8	---	---	---	4.7	3.2	3.9	---	---	---
14	6.0	5.0	5.6	---	---	---	4.4	3.4	3.8	---	---	---
15	5.8	4.6	5.2	---	---	---	4.8	3.3	4.0	---	---	---
16	5.8	4.7	5.1	---	---	---	3.9	3.2	3.6	---	---	---
17	5.1	4.3	4.7	---	---	---	4.4	2.9	3.5	---	---	---
18	4.8	4.0	4.4	---	---	---	4.8	2.6	3.1	---	---	---
19	5.1	4.0	4.4	---	---	---	4.2	2.2	2.8	---	---	---
20	5.6	4.1	4.7	---	---	---	4.6	1.8	2.9	---	---	---
21	5.5	4.0	4.6	---	---	---	5.0	2.5	4.0	---	---	---
22	5.3	4.0	4.6	---	---	---	---	---	---	---	---	---
23	4.9	4.0	4.4	---	---	---	---	---	---	---	---	---
24	5.2	3.8	4.3	---	---	---	---	---	---	---	---	---
25	5.8	3.6	4.4	5.2	4.1	4.5	---	---	---	---	---	---
26	6.5	3.6	4.6	5.7	4.0	4.7	---	---	---	---	---	---
27	5.8	3.6	4.6	5.1	4.2	4.6	---	---	---	---	---	---
28	5.1	3.7	4.6	5.1	4.2	4.7	---	---	---	---	---	---
29	5.0	4.2	4.4	4.9	4.0	4.5	---	---	---	---	---	---
30	5.0	2.3	4.2	4.6	3.8	4.2	---	---	---	---	---	---
31	---	---	---	4.5	3.4	4.1	---	---	---	---	---	---
MONTH	6.7	2.3	4.8	5.7	3.4	4.3	5.5	1.8	3.7	---	---	---
YEAR	7.5	1.8	4.8									

021989798 BACK RIVER AT FIG ISLAND AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	6.1	5.3	5.9
6	---	---	---	---	---	---	---	---	---	5.7	4.9	5.3
7	---	---	---	---	---	---	---	---	---	5.8	4.8	5.3
8	---	---	---	---	---	---	---	---	---	5.7	4.9	5.4
9	---	---	---	---	---	---	---	---	---	5.8	5.0	5.3
10	---	---	---	---	---	---	---	---	---	5.9	4.5	5.3
11	---	---	---	---	---	---	---	---	---	5.9	4.9	5.4
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	5.8	3.3	4.7
19	---	---	---	---	---	---	---	---	---	5.7	4.4	5.1
20	---	---	---	---	---	---	---	---	---	5.7	4.7	5.2
21	---	---	---	---	---	---	---	---	---	5.6	4.4	5.0
22	---	---	---	---	---	---	---	---	---	5.2	4.1	4.8
23	---	---	---	---	---	---	---	---	---	5.0	3.3	4.5
24	---	---	---	---	---	---	---	---	---	5.1	4.0	4.6
25	---	---	---	---	---	---	---	---	---	5.1	3.8	4.5
26	---	---	---	---	---	---	---	---	---	4.9	4.1	4.4
27	---	---	---	---	---	---	---	---	---	4.8	4.0	4.4
28	---	---	---	---	---	---	---	---	---	5.0	4.0	4.5
29	---	---	---	---	---	---	---	---	---	5.4	4.5	4.9
30	---	---	---	---	---	---	---	---	---	5.5	3.9	4.9
31	---	---	---	---	---	---	---	---	---	5.3	4.4	4.9
MONTH	---	---	---	---	---	---	---	---	---	6.1	3.3	5.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.2	3.7	4.5	4.7	1.8	3.7	3.1	2.3	2.6	---	---	---
2	4.7	3.5	4.3	4.7	2.3	3.9	3.0	1.2	2.2	---	---	---
3	4.5	3.2	4.0	4.4	2.7	3.7	2.9	1.2	2.1	---	---	---
4	4.3	2.7	3.7	---	---	---	2.6	.6	1.7	---	---	---
5	4.5	2.6	3.6	---	---	---	2.5	.9	1.6	---	---	---
6	4.3	2.5	3.6	---	---	---	2.7	1.2	2.1	---	---	---
7	4.2	2.3	3.3	---	---	---	2.9	1.9	2.6	---	---	---
8	4.0	2.3	3.0	---	---	---	3.0	1.4	2.2	---	---	---
9	4.1	2.2	3.3	---	---	---	2.8	1.6	2.4	---	---	---
10	4.6	2.7	4.1	---	---	---	2.6	1.4	2.0	---	---	---
11	4.6	2.5	3.8	---	---	---	3.6	1.0	2.1	---	---	---
12	4.4	1.6	3.4	---	---	---	3.6	1.4	2.3	---	---	---
13	4.4	2.2	3.5	---	---	---	1.9	.0	.9	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	4.3	.0	.4	---	---	---
17	---	---	---	---	---	---	3.2	.0	1.1	---	---	---
18	---	---	---	---	---	---	2.6	.0	1.4	---	---	---
19	---	---	---	---	---	---	3.0	.0	1.5	---	---	---
20	---	---	---	---	---	---	2.7	.2	1.6	---	---	---
21	---	---	---	---	---	---	2.4	.0	.9	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	3.9	3.2	3.6	---	---	---	---	---	---
26	---	---	---	3.7	2.7	3.3	---	---	---	---	---	---
27	---	---	---	3.7	2.5	3.2	---	---	---	---	---	---
28	4.7	3.6	4.0	3.6	2.1	3.0	---	---	---	---	---	---
29	4.5	2.9	3.9	3.6	1.5	2.7	---	---	---	---	---	---
30	4.8	1.9	3.7	3.5	1.6	2.7	---	---	---	---	---	---
31	---	---	---	3.4	2.1	2.8	---	---	---	---	---	---
MONTH	5.2	1.6	3.7	4.7	1.5	3.3	4.3	.0	1.8	---	---	---
YEAR	6.1	.0	3.5									

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

LOCATION.--Lat 32°05'08'', long 81°02'50'', Jasper County, Hydrologic Unit 03060109, at mouth of Savannah River near Savannah, Georgia.

PERIOD OF RECORD.--May 1989 to Aug. 1989.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): May 1989 to Aug. 1989.
SPECIFIC CONDUCTANCE (Bottom): May 1989 to Aug. 1989.
WATER TEMPERATURE (Top): May 1989 to Aug. 1989.
WATER TEMPERATURE (Bottom): May 1989 to Aug. 1989.
DISSOLVED OXYGEN (Top): May 1989 to Aug. 1989.
DISSOLVED OXYGEN (Bottom): May 1989 to Aug. 1989.

INSTRUMENTATION.--Water-quality monitor.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 28300 microsiemens, July 15; minimum, 300 microsiemens, July 27, 28.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 41100 microsiemens, June 11; minimum, 7400 microsiemens, July 24.
WATER TEMPERATURE (Top): Maximum, 31.0 C, June 27; minimum, 21.0 C, May 12 - 15, 17, 18.
WATER TEMPERATURE (Bottom): Maximum, 29.5 C, June 27, 28, July 29 - 31, Aug. 1 - 3, 8.; minimum, 21.5 C, May 18.
DISSOLVED OXYGEN (Top): Maximum, 7.4 mg/L, June 14; minimum, 2.3 mg/L, Aug. 4.
DISSOLVED OXYGEN (Bottom): Maximum, 5.9 mg/L, May 14, 16, 17; minimum, 1.1 mg/L, Aug. 6.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	15800	8710	12000
13	---	---	---	---	---	---	---	---	---	18600	10600	14000
14	---	---	---	---	---	---	---	---	---	20700	10700	15300
15	---	---	---	---	---	---	---	---	---	19100	10400	14700
16	---	---	---	---	---	---	---	---	---	18700	10100	14900
17	---	---	---	---	---	---	---	---	---	20200	11000	15700
18	---	---	---	---	---	---	---	---	---	22400	10500	16300
19	---	---	---	---	---	---	---	---	---	21100	10900	15800
20	---	---	---	---	---	---	---	---	---	23000	9700	15500
21	---	---	---	---	---	---	---	---	---	20700	8940	14900
22	---	---	---	---	---	---	---	---	---	18300	8370	14300
23	---	---	---	---	---	---	---	---	---	17800	7210	12300
24	---	---	---	---	---	---	---	---	---	19200	7780	13500
25	---	---	---	---	---	---	---	---	---	20000	10500	15500
26	---	---	---	---	---	---	---	---	---	20500	10800	16000
27	---	---	---	---	---	---	---	---	---	20400	11600	16400
28	---	---	---	---	---	---	---	---	---	27000	12700	19600
29	---	---	---	---	---	---	---	---	---	26300	15600	21100
30	---	---	---	---	---	---	---	---	---	24400	14000	19800
31	---	---	---	---	---	---	---	---	---	23300	12600	18500
MONTH	---	---	---	---	---	---	---	---	---	27000	7210	15800

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21700	11700	17100	21800	6400	14000	14900	2800	9450	---	---	---
2	21000	8510	15700	21500	7100	13700	16000	1100	8940	---	---	---
3	24000	9200	15700	18100	5600	12300	16800	6000	11900	---	---	---
4	23700	7790	14900	17800	5600	11400	16600	8100	12200	---	---	---
5	24000	7990	14900	18200	5000	11700	13300	7800	10600	---	---	---
6	20200	6390	13700	14800	5400	11000	15000	9000	11400	---	---	---
7	19500	6880	12900	14300	4700	10100	18300	10400	14000	---	---	---
8	17900	7070	12200	15800	4900	9800	18700	14700	16500	---	---	---
9	16000	5170	11000	15300	6000	10700	---	---	---	---	---	---
10	15200	5410	10100	15700	6700	11500	---	---	---	---	---	---
11	17100	7610	12300	16800	7200	12300	---	---	---	---	---	---
12	18500	10800	15400	18600	9400	14500	---	---	---	---	---	---
13	19800	11200	15700	22200	10700	16500	---	---	---	---	---	---
14	19000	10500	15300	23000	12000	18200	---	---	---	---	---	---
15	21500	12200	17300	28300	14700	21200	---	---	---	---	---	---
16	22500	12300	17200	24300	5500	19000	---	---	---	---	---	---
17	21300	11700	16900	24600	12800	18900	---	---	---	---	---	---
18	24200	4260	16500	24600	12400	18200	---	---	---	---	---	---
19	24300	8600	16900	23800	10200	16600	---	---	---	---	---	---
20	23700	8760	16700	20200	7400	13900	---	---	---	---	---	---
21	20800	9750	15600	18600	2200	13500	---	---	---	---	---	---
22	18300	8890	13300	17200	7000	11100	---	---	---	---	---	---
23	18000	7440	12400	14200	4600	8770	---	---	---	---	---	---
24	16600	6670	11300	16800	3600	8720	---	---	---	---	---	---
25	15000	6050	10200	13100	2000	7140	---	---	---	---	---	---
26	16900	1810	8590	12800	1300	7010	---	---	---	---	---	---
27	12700	3630	8100	11400	300	6460	---	---	---	---	---	---
28	14200	3370	8670	13400	300	7140	---	---	---	---	---	---
29	17500	3600	10700	16700	2000	8700	---	---	---	---	---	---
30	22400	5300	13200	16600	2800	10600	---	---	---	---	---	---
31	---	---	---	14000	4000	9550	---	---	---	---	---	---
MONTH	24300	1810	13700	28300	300	12400	18700	1100	11900	---	---	---
YEAR	28300	300	13500									

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	37700	13800	31100
14	---	---	---	---	---	---	---	---	---	36400	12200	30700
15	---	---	---	---	---	---	---	---	---	34800	20900	30800
16	---	---	---	---	---	---	---	---	---	34300	19700	29400
17	---	---	---	---	---	---	---	---	---	33200	19200	29700
18	---	---	---	---	---	---	---	---	---	33100	23400	29600
19	---	---	---	---	---	---	---	---	---	32900	21500	28600
20	---	---	---	---	---	---	---	---	---	32400	23400	28600
21	---	---	---	---	---	---	---	---	---	33800	19500	28200
22	---	---	---	---	---	---	---	---	---	34200	20400	28600
23	---	---	---	---	---	---	---	---	---	34800	20300	28500
24	---	---	---	---	---	---	---	---	---	34800	24000	30400
25	---	---	---	---	---	---	---	---	---	34400	24700	30500
26	---	---	---	---	---	---	---	---	---	35100	21400	30700
27	---	---	---	---	---	---	---	---	---	36000	25100	31100
28	---	---	---	---	---	---	---	---	---	36800	23200	31100
29	---	---	---	---	---	---	---	---	---	36500	22900	31100
30	---	---	---	---	---	---	---	---	---	32700	20300	28800
31	---	---	---	---	---	---	---	---	---	32100	17400	27500
MONTH	---	---	---	---	---	---	---	---	---	37700	12200	29700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	34500	16800	27700	27200	12800	21000	30300	14400	23800	---	---	---
2	33000	17300	26300	27000	11700	20900	30500	20600	25400	---	---	---
3	35900	17000	27300	26900	11500	20800	26600	22500	24900	---	---	---
4	33500	17300	27900	26700	14400	21600	29600	20000	24300	---	---	---
5	32900	17500	25800	26700	13300	21700	30400	21300	27600	---	---	---
6	34000	17900	27000	27400	15000	22200	35700	24800	30900	---	---	---
7	34100	17700	27900	30300	17900	24400	36800	30400	34700	---	---	---
8	32500	18700	28600	33800	20800	28300	38700	32800	36100	---	---	---
9	33200	17500	29300	35000	24000	31700	---	---	---	---	---	---
10	40100	28100	35100	35700	27100	33300	---	---	---	---	---	---
11	41100	28700	35700	37000	30000	35200	---	---	---	---	---	---
12	41000	30700	37600	38900	34600	36500	---	---	---	---	---	---
13	38900	27300	36500	37400	29700	34700	---	---	---	---	---	---
14	39900	25900	35000	37000	27800	33700	---	---	---	---	---	---
15	39200	24300	33600	37900	26900	32200	---	---	---	---	---	---
16	38700	30000	35400	32400	23800	28900	---	---	---	---	---	---
17	38500	28100	34300	30900	19200	27400	---	---	---	---	---	---
18	38000	26100	33200	31800	18600	26700	---	---	---	---	---	---
19	36800	22600	32300	29200	16600	24400	---	---	---	---	---	---
20	37000	21000	30700	28000	14400	23500	---	---	---	---	---	---
21	35300	7580	28800	27200	13200	20900	---	---	---	---	---	---
22	32500	18800	28200	24400	10800	20100	---	---	---	---	---	---
23	32400	17100	27900	23200	7600	16600	---	---	---	---	---	---
24	32500	15700	26300	25300	7400	17600	---	---	---	---	---	---
25	30900	14100	25000	27800	13800	21600	---	---	---	---	---	---
26	30700	12200	23400	30400	11900	23900	---	---	---	---	---	---
27	26800	11500	21800	33600	15300	25700	---	---	---	---	---	---
28	30100	12100	20800	34500	18000	26100	---	---	---	---	---	---
29	27500	13000	20900	32800	19100	26100	---	---	---	---	---	---
30	28900	10900	21600	28800	16000	23900	---	---	---	---	---	---
31	---	---	---	26400	10000	21200	---	---	---	---	---	---
MONTH	41100	7580	29100	38900	7400	25600	38700	14400	28500	---	---	---
YEAR	41100	7400	27900									

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	23.0	21.5	23.0
13	---	---	---	---	---	---	---	---	---	23.0	21.5	22.0
14	---	---	---	---	---	---	---	---	---	22.5	21.0	22.0
15	---	---	---	---	---	---	---	---	---	23.5	21.5	22.5
16	---	---	---	---	---	---	---	---	---	23.5	22.0	22.5
17	---	---	---	---	---	---	---	---	---	23.5	21.5	22.5
18	---	---	---	---	---	---	---	---	---	23.5	22.0	23.0
19	---	---	---	---	---	---	---	---	---	24.0	22.5	23.0
20	---	---	---	---	---	---	---	---	---	24.5	23.0	23.5
21	---	---	---	---	---	---	---	---	---	25.0	23.5	24.0
22	---	---	---	---	---	---	---	---	---	25.5	24.0	24.5
23	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
24	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
25	---	---	---	---	---	---	---	---	---	26.0	25.0	25.5
26	---	---	---	---	---	---	---	---	---	26.5	25.5	26.0
27	---	---	---	---	---	---	---	---	---	27.5	26.0	26.5
28	---	---	---	---	---	---	---	---	---	26.5	26.0	26.5
29	---	---	---	---	---	---	---	---	---	26.5	25.5	26.5
30	---	---	---	---	---	---	---	---	---	27.5	26.0	26.5
31	---	---	---	---	---	---	---	---	---	27.5	26.5	27.0
MONTH	---	---	---	---	---	---	---	---	---	27.5	21.0	24.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	27.0	27.5	28.5	27.5	28.0	30.0	29.0	29.5	---	---	---
2	28.5	27.0	28.0	28.5	27.5	28.0	30.0	29.0	29.5	---	---	---
3	29.0	27.5	28.0	28.5	27.5	28.0	30.0	29.0	29.5	---	---	---
4	29.5	28.0	28.5	28.5	27.5	28.0	30.0	28.0	29.0	---	---	---
5	29.5	28.0	28.5	28.5	27.5	28.0	31.0	28.0	29.5	---	---	---
6	29.0	28.0	28.5	29.0	28.0	28.5	30.5	27.5	29.0	---	---	---
7	28.5	27.5	28.5	29.5	28.0	28.5	30.0	27.5	29.0	---	---	---
8	28.5	27.5	28.0	29.5	28.5	29.0	29.5	28.0	29.0	---	---	---
9	28.0	27.0	27.5	30.0	29.0	29.5	---	---	---	---	---	---
10	28.5	27.0	28.0	30.0	29.0	29.5	---	---	---	---	---	---
11	29.0	27.5	28.0	30.5	28.5	29.5	---	---	---	---	---	---
12	29.5	27.5	28.5	30.5	28.5	29.5	---	---	---	---	---	---
13	29.0	27.5	28.5	30.0	28.5	29.0	---	---	---	---	---	---
14	30.0	28.0	28.5	29.5	28.5	29.0	---	---	---	---	---	---
15	29.5	28.0	28.5	30.0	28.5	29.0	---	---	---	---	---	---
16	29.0	28.0	28.5	29.5	28.5	29.0	---	---	---	---	---	---
17	29.0	28.0	28.5	30.0	29.0	29.5	---	---	---	---	---	---
18	28.5	28.0	28.5	29.5	28.5	29.0	---	---	---	---	---	---
19	29.0	28.0	28.5	29.5	28.5	29.0	---	---	---	---	---	---
20	29.0	28.0	28.5	29.0	28.0	28.5	---	---	---	---	---	---
21	29.0	28.5	28.5	29.5	28.5	29.0	---	---	---	---	---	---
22	29.0	28.0	28.5	29.5	28.0	29.0	---	---	---	---	---	---
23	29.0	28.0	28.5	29.0	28.0	28.5	---	---	---	---	---	---
24	30.0	28.0	29.0	29.5	27.0	28.5	---	---	---	---	---	---
25	30.5	28.0	29.0	30.0	27.0	28.5	---	---	---	---	---	---
26	30.5	28.5	29.5	30.0	26.0	28.5	---	---	---	---	---	---
27	31.0	28.5	29.5	29.5	27.0	28.5	---	---	---	---	---	---
28	29.5	28.5	29.0	29.5	27.0	28.5	---	---	---	---	---	---
29	29.0	28.0	28.5	30.0	28.0	29.0	---	---	---	---	---	---
30	28.5	27.5	28.0	30.0	28.5	29.5	---	---	---	---	---	---
31	---	---	---	30.5	29.0	29.5	---	---	---	---	---	---
MONTH	31.0	27.0	28.5	30.5	26.0	29.0	31.0	27.5	29.0	---	---	---
YEAR	31.0	21.0	27.5									

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	21.5	21.5	21.5
13	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
14	---	---	---	---	---	---	---	---	---	22.0	21.5	21.5
15	---	---	---	---	---	---	---	---	---	22.0	21.5	21.5
16	---	---	---	---	---	---	---	---	---	22.0	22.0	22.0
17	---	---	---	---	---	---	---	---	---	22.0	21.5	22.0
18	---	---	---	---	---	---	---	---	---	22.5	21.5	22.0
19	---	---	---	---	---	---	---	---	---	23.0	22.0	22.5
20	---	---	---	---	---	---	---	---	---	23.0	22.5	23.0
21	---	---	---	---	---	---	---	---	---	23.5	23.0	23.0
22	---	---	---	---	---	---	---	---	---	24.0	23.5	23.5
23	---	---	---	---	---	---	---	---	---	24.0	23.5	24.0
24	---	---	---	---	---	---	---	---	---	24.5	24.0	24.0
25	---	---	---	---	---	---	---	---	---	24.5	24.0	24.0
26	---	---	---	---	---	---	---	---	---	25.0	24.5	24.5
27	---	---	---	---	---	---	---	---	---	25.5	24.5	25.0
28	---	---	---	---	---	---	---	---	---	26.0	25.0	25.5
29	---	---	---	---	---	---	---	---	---	26.0	25.5	25.5
30	---	---	---	---	---	---	---	---	---	26.0	25.5	26.0
31	---	---	---	---	---	---	---	---	---	26.5	26.0	26.0
MONTH	---	---	---	---	---	---	---	---	---	26.5	21.5	23.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.5	26.5	28.5	28.0	28.5	29.5	29.0	29.0	---	---	---
2	27.5	26.5	27.0	28.5	28.0	28.0	29.5	29.0	29.0	---	---	---
3	28.0	27.0	27.5	28.5	28.0	28.0	29.5	29.0	29.0	---	---	---
4	28.0	27.5	27.5	28.5	27.5	28.0	29.0	29.0	29.0	---	---	---
5	28.0	27.5	28.0	28.5	27.5	28.0	29.0	29.0	29.0	---	---	---
6	28.5	28.0	28.0	28.5	28.0	28.5	29.0	29.0	29.0	---	---	---
7	28.0	27.5	28.0	28.5	28.0	28.5	29.0	29.0	29.0	---	---	---
8	28.0	27.5	27.5	29.0	28.5	28.5	29.5	29.0	29.5	---	---	---
9	27.5	27.0	27.0	29.0	28.0	28.5	---	---	---	---	---	---
10	27.0	26.5	26.5	29.0	28.0	28.5	---	---	---	---	---	---
11	27.0	26.5	26.5	29.0	28.0	28.5	---	---	---	---	---	---
12	27.0	26.5	26.5	29.0	28.0	29.0	---	---	---	---	---	---
13	27.5	27.0	27.0	29.0	28.5	29.0	---	---	---	---	---	---
14	28.0	27.0	27.5	29.0	28.5	29.0	---	---	---	---	---	---
15	28.0	27.5	28.0	29.0	28.5	29.0	---	---	---	---	---	---
16	28.5	28.0	28.0	29.0	28.5	29.0	---	---	---	---	---	---
17	28.5	28.0	28.0	29.0	28.5	29.0	---	---	---	---	---	---
18	28.5	28.0	28.0	29.0	28.5	29.0	---	---	---	---	---	---
19	28.5	28.0	28.0	29.0	28.5	29.0	---	---	---	---	---	---
20	28.5	28.0	28.5	29.0	28.5	29.0	---	---	---	---	---	---
21	28.5	27.5	28.0	29.0	28.5	29.0	---	---	---	---	---	---
22	28.5	28.0	28.5	29.0	28.5	29.0	---	---	---	---	---	---
23	28.5	28.0	28.5	29.0	28.5	28.5	---	---	---	---	---	---
24	28.5	28.0	28.5	29.0	28.0	28.5	---	---	---	---	---	---
25	29.0	28.0	28.5	29.0	28.0	28.5	---	---	---	---	---	---
26	29.0	28.0	28.5	29.0	27.0	28.5	---	---	---	---	---	---
27	29.5	28.5	29.0	29.0	28.0	28.5	---	---	---	---	---	---
28	29.5	28.5	29.0	29.0	27.5	28.5	---	---	---	---	---	---
29	29.0	28.5	29.0	29.5	28.0	28.5	---	---	---	---	---	---
30	29.0	28.5	29.0	29.5	29.0	29.0	---	---	---	---	---	---
31	---	---	---	29.5	29.0	29.0	---	---	---	---	---	---
MONTH	29.5	26.5	28.0	29.5	27.0	28.5	29.5	29.0	29.0	---	---	---
YEAR	29.5	21.5	27.5									

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	6.0	5.5	5.8
13	---	---	---	---	---	---	---	---	---	6.1	5.3	5.5
14	---	---	---	---	---	---	---	---	---	6.2	5.4	5.6
15	---	---	---	---	---	---	---	---	---	6.3	5.5	5.7
16	---	---	---	---	---	---	---	---	---	6.3	5.4	5.7
17	---	---	---	---	---	---	---	---	---	6.5	5.4	5.8
18	---	---	---	---	---	---	---	---	---	6.6	5.4	5.8
19	---	---	---	---	---	---	---	---	---	6.1	5.5	5.8
20	---	---	---	---	---	---	---	---	---	5.9	5.2	5.5
21	---	---	---	---	---	---	---	---	---	5.7	5.0	5.4
22	---	---	---	---	---	---	---	---	---	5.8	5.1	5.3
23	---	---	---	---	---	---	---	---	---	6.1	5.1	5.7
24	---	---	---	---	---	---	---	---	---	6.0	5.3	5.6
25	---	---	---	---	---	---	---	---	---	5.7	5.1	5.4
26	---	---	---	---	---	---	---	---	---	6.0	5.1	5.5
27	---	---	---	---	---	---	---	---	---	6.2	5.1	5.4
28	---	---	---	---	---	---	---	---	---	6.9	5.0	5.7
29	---	---	---	---	---	---	---	---	---	7.1	5.3	5.9
30	---	---	---	---	---	---	---	---	---	6.9	5.2	5.8
31	---	---	---	---	---	---	---	---	---	6.5	5.1	5.5
MONTH	---	---	---	---	---	---	---	---	---	7.1	5.0	5.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.7	4.8	5.1	4.4	3.4	4.0	3.9	2.8	3.4	---	---	---
2	4.9	4.3	4.6	4.9	3.6	4.0	3.9	2.6	3.2	---	---	---
3	4.8	4.1	4.4	4.3	3.5	3.9	3.3	2.7	2.9	---	---	---
4	4.8	3.9	4.3	4.2	3.5	3.9	3.3	2.3	2.8	---	---	---
5	5.9	3.8	4.6	4.4	3.6	4.0	3.9	2.7	3.2	---	---	---
6	5.0	3.7	4.4	4.7	3.5	4.0	4.4	2.9	3.7	---	---	---
7	5.0	4.2	4.5	4.8	3.9	4.3	4.9	3.1	4.0	---	---	---
8	5.2	4.0	4.4	4.9	3.9	4.4	4.1	3.2	3.7	---	---	---
9	6.3	4.4	5.4	4.9	4.0	4.4	---	---	---	---	---	---
10	6.2	4.9	5.5	5.0	4.1	4.5	---	---	---	---	---	---
11	6.3	4.9	5.4	5.4	4.0	4.5	---	---	---	---	---	---
12	6.6	5.0	5.5	5.0	3.8	4.2	---	---	---	---	---	---
13	7.0	5.3	5.9	4.8	3.5	4.0	---	---	---	---	---	---
14	7.4	5.3	6.1	---	---	---	---	---	---	---	---	---
15	6.6	5.4	5.8	---	---	---	---	---	---	---	---	---
16	6.2	5.1	5.5	---	---	---	---	---	---	---	---	---
17	5.5	4.6	5.1	---	---	---	---	---	---	---	---	---
18	5.3	3.1	4.6	---	---	---	---	---	---	---	---	---
19	5.3	4.0	4.6	---	---	---	---	---	---	---	---	---
20	5.9	4.3	4.9	---	---	---	---	---	---	---	---	---
21	5.9	4.2	4.8	---	---	---	---	---	---	---	---	---
22	5.6	4.1	4.7	---	---	---	---	---	---	---	---	---
23	5.0	4.0	4.4	---	---	---	---	---	---	---	---	---
24	5.1	3.8	4.3	---	---	---	---	---	---	---	---	---
25	5.6	3.8	4.4	5.8	4.1	4.6	---	---	---	---	---	---
26	5.8	3.8	4.4	5.8	4.0	4.6	---	---	---	---	---	---
27	5.8	3.8	4.5	4.8	4.1	4.4	---	---	---	---	---	---
28	5.0	3.9	4.5	5.2	4.2	4.5	---	---	---	---	---	---
29	4.6	3.9	4.2	4.9	3.8	4.3	---	---	---	---	---	---
30	5.2	3.7	4.1	4.4	3.5	3.9	---	---	---	---	---	---
31	---	---	---	4.2	3.4	3.8	---	---	---	---	---	---
MONTH	7.4	3.1	4.8	5.8	3.4	4.2	4.9	2.3	3.4	---	---	---
YEAR	7.4	2.3	4.7									

021989799 BACK RIVER AT MOUTH AT SAVANNAH, GA

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	5.5	3.6	5.3
13	---	---	---	---	---	---	---	---	---	5.8	4.5	5.3
14	---	---	---	---	---	---	---	---	---	5.9	4.6	5.4
15	---	---	---	---	---	---	---	---	---	5.7	3.8	5.2
16	---	---	---	---	---	---	---	---	---	5.9	4.9	5.4
17	---	---	---	---	---	---	---	---	---	5.9	4.8	5.4
18	---	---	---	---	---	---	---	---	---	5.6	3.6	4.9
19	---	---	---	---	---	---	---	---	---	5.7	4.6	5.1
20	---	---	---	---	---	---	---	---	---	5.6	3.9	4.9
21	---	---	---	---	---	---	---	---	---	5.4	3.3	4.7
22	---	---	---	---	---	---	---	---	---	5.1	3.3	4.5
23	---	---	---	---	---	---	---	---	---	5.0	3.7	4.5
24	---	---	---	---	---	---	---	---	---	5.4	3.1	4.4
25	---	---	---	---	---	---	---	---	---	4.9	3.6	4.4
26	---	---	---	---	---	---	---	---	---	4.9	3.9	4.5
27	---	---	---	---	---	---	---	---	---	5.0	3.8	4.4
28	---	---	---	---	---	---	---	---	---	5.1	4.0	4.6
29	---	---	---	---	---	---	---	---	---	5.7	4.0	5.0
30	---	---	---	---	---	---	---	---	---	5.4	3.8	4.8
31	---	---	---	---	---	---	---	---	---	5.1	4.0	4.6
MONTH	---	---	---	---	---	---	---	---	---	5.9	3.1	4.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	4.6	3.3	3.8	3.2	2.3	2.8	---	---	---
2	---	---	---	4.4	3.4	3.8	2.8	1.9	2.4	---	---	---
3	---	---	---	4.2	3.4	3.8	---	---	---	---	---	---
4	---	---	---	4.3	3.4	3.8	---	---	---	---	---	---
5	---	---	---	4.3	3.4	3.7	2.8	1.5	2.2	---	---	---
6	---	---	---	4.0	3.3	3.6	3.1	1.1	2.4	---	---	---
7	---	---	---	4.0	3.4	3.7	3.2	2.1	2.7	---	---	---
8	---	---	---	4.3	3.3	3.9	3.2	1.8	2.6	---	---	---
9	---	---	---	4.3	3.5	4.0	---	---	---	---	---	---
10	---	---	---	4.4	3.5	4.1	---	---	---	---	---	---
11	---	---	---	4.5	3.7	4.1	---	---	---	---	---	---
12	---	---	---	4.4	3.6	4.0	---	---	---	---	---	---
13	---	---	---	4.1	3.1	3.7	---	---	---	---	---	---
14	---	---	---	4.3	3.0	3.8	---	---	---	---	---	---
15	---	---	---	4.6	3.1	3.8	---	---	---	---	---	---
16	4.6	3.0	4.0	4.4	3.1	4.0	---	---	---	---	---	---
17	4.5	3.4	4.0	4.8	3.6	4.1	---	---	---	---	---	---
18	4.5	3.5	3.9	4.6	3.7	4.0	---	---	---	---	---	---
19	4.6	3.4	3.8	4.4	3.5	4.0	---	---	---	---	---	---
20	4.6	3.4	3.9	4.4	3.6	4.0	---	---	---	---	---	---
21	4.6	2.3	3.8	4.4	3.6	4.1	---	---	---	---	---	---
22	4.4	2.0	3.7	4.5	3.7	4.1	---	---	---	---	---	---
23	4.4	3.3	3.7	4.4	3.7	4.0	---	---	---	---	---	---
24	4.0	3.1	3.5	4.2	3.3	3.9	---	---	---	---	---	---
25	4.0	3.0	3.4	4.2	3.3	3.7	---	---	---	---	---	---
26	3.9	2.0	3.3	3.9	3.0	3.5	---	---	---	---	---	---
27	4.2	3.1	3.6	4.0	2.5	3.4	---	---	---	---	---	---
28	4.2	3.0	3.6	3.7	2.1	3.2	---	---	---	---	---	---
29	4.2	3.2	3.7	3.7	2.0	3.0	---	---	---	---	---	---
30	4.4	3.2	3.7	3.6	2.3	3.0	---	---	---	---	---	---
31	---	---	---	3.5	2.3	2.8	---	---	---	---	---	---
MONTH	4.6	2.0	3.7	4.8	2.0	3.8	3.2	1.1	2.5	---	---	---
YEAR	5.9	1.1	3.9									

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40'', long 80°09'00'', Darlington County, Hydrologic Unit 03040201, at plant intake structure on Black Creek, 2.3 mi upstream from Beaverdam Creek, and 4.7 mi west of Hartsville. Drainage area, 173 mi^2. 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 mi^2, 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 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 4,022,000,000 ft^3. 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 mi^2, 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 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 963,100,000 ft^3. Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15'', long 80°44'10'', Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi upstream from Graungs Quarter Creek, 8.75 mi northwest of Camden, and at mile 73.5. Drainage area 4,750 mi^2, 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 ft^3 between gage heights 95.0 ft and 100.0 ft. Dead storage 4,831,600,000 ft^3. Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

Date	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)	Gage Height (feet)	Contents (million cubic feet)	Change in Contents (equivalent in ft^3/s)
Sept. 30, 1988	220.8	1329		96.9	8782		96.6	1162		96.6	5683	
Oct. 31, 1988	220.8	1329	0	97.1	8881	37.0	95.4	1012	-56.0	97.3	6068	143.8
Nov. 30, 1988	220.9	1339	3.9	97.8	9233	135.8	96.6	1162	57.9	98.1	6518	173.6
Dec. 31, 1988	220.8	1329	-3.7	97.7	9183	-18.7	97.0	1214	19.4	97.7	6292	-84.4
Cal. Yr. 1988			-0.6			11.1			10.2			7.1
Jan. 31, 1989	220.8	1329	0	97.3	8981	-75.4	97.2	1240	9.7	97.1	5957	-125.1
Feb. 29, 1989	221.0	1349	8.3	99.4	10066	448.5	99.8	1601	149.2	99.2	7153	494.4
Mar. 31, 1989	221.4	1389	14.9	97.6	9132	-348.7	97.1	1227	-139.6	98.5	6747	-151.6
Apr. 30, 1989	221.1	1359	-11.6	97.1	8881	-96.8	96.5	1149	-30.1	97.1	5957	-304.8
May. 31, 1989	220.6	1310	-18.3	97.1	8881	0	98.5	1416	99.7	97.0	5902	-20.5
June 30, 1989	221.0	1349	15.0	97.1	8881	0	97.0	1214	-77.9	97.6	6235	128.5
July 31, 1989	221.2	1369	7.5	97.2	8931	18.7	97.8	1320	39.6	97.9	6404	63.1
Aug. 31, 1989	220.8	1329	-14.9	97.3	8981	18.7	96.7	1175	-54.1	97.2	6012	-146.4
Sept. 30, 1989	221.2	1369	15.4	99.8	10280	501.1	99.2	1514	130.8	99.0	7036	395.1
Wtr. Yr. 1989			1.3			47.5			11.2			42.9

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for 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 1989 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum Probable date	Gage Height (ft)	Discharge (ft^3/s)
		Pee Dee River Basin					
02130400	Little Bear Creek nr 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	1975-89	6-6-89	5.56	(+)
02130550	Herndon Branch nr 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	1977-89	B	A	(+)
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	1975-89	7-26-89	4.78	69
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	1968-89	8-30-89	4.71	142
02131460	Neds Creek nr Kershaw, SC	Lat 34°32'39'', long 80°31'39'', 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	1977-89	5-2-89	4.24	84
02131500	Lynches River nr Bishopville, SC	Lat 34°15'00'', long 80°12'50'', Lee County, nr 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	1943-71♦ 1972-89	7-26-89	13.09	3415
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	1969-89	3-31-89	3.60	92
02132100	Two Mile Branch nr 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	1976-89	4-22-89	4.73	135
02132500	Little Pee Dee River nr 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	1940-71♦ 1972-89	4-12-89	9.46	2066
02135620	Belt Branch nr 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	1966-74♦ 1974-89	7-26-89	14.85	120
02136010	Chaney Swamp nr 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	1974-89	7-27-89	5.74	174
		Santee River Basin					
02147600	Scabber Branch nr 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	1966-74♦ 1975-89	2-28-89	6.54	1256
02153750	Buck Horn Creek nr 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	1977-89	2-28-89	3.94	(+)

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1989 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum Probable date	Gage Height (ft)	Discharge (ft^3/s)
		Santee River Basin--Continued					
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	1967-70 1970-88	6-21-89	11.85	2160
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	1939-68 1970-89	B	A	(+)
02159600	Dutchman Creek nr 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	1967-89	3-23-89	3.41	201
02160000	Fairforest Creek nr 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 1972-89	3-25-89	4.56	1608
02160130	Enoree River nr 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	1974-89	6-22-89	4.68	(+)
02160500	Enoree River nr 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 47.4	307	1930-76 1977-89	5-11-89	5.77	8180
02160800	Second Creek nr 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	1975-89	4-15-89	2.86	25
02162500	Saluda River nr 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	1942-78♦ 1979-89	6-23-89	5.41	2180
02162525	Hamilton Creek nr Easley, SC	Lat 34°50'10'', long 82°33'50'', Pickens County, on upstream side of bridge on State Highway 135, 4.6 mi northeast of Easley.	1.60	1981-86♦ 1987-89	6-22-89	2.94	(+)
02163000	Saluda River nr 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 1972-89	6-20-89	3.98	2820
02165350	Dirty Creek Tributary nr 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	1975-89	7-17-89	5.04	97
02167200	Watkins Creek nr Cross Hill, SC	Lat 34°19'32'', long 81°54'38'', 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	1974-89	7-17-89	10.49	(+)
02167750	Camping Creek Tributary nr 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	1974-89	4-15-89	3.95	26
02169540	Savanna Branch nr Cayce, SC	Lat 33°55'47'', long 81°07'05'', Lexington County, on upstream side of culvert on State Highway 302, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce.	7.15	1968-89	5-1-89	4.56	(+)
02169670	Cedar Creek below Myer Creek nr Hopkins, SC	Lat 33°50'23'', long 80°33'09'', Richland County, on left bank, 150 ft below Myers Creek, 4.5 mi south of Hopkins.	66.9	1980-86♦ 1987-89	3-22-89	4.68	191
02169960	Lake Marion Tributary nr 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	1977-89	9-22-89	3.83	67.8

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1989 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum: Probable date	Annual maximum: Gage Height (ft)	Annual maximum: Discharge (ft^3/s)
		Edisto River Basin					
02172500	South Fork Edisto River nr Montmorenci, SC	Lat 33°34'35'', long 81°30'50'', Aiken County, near center of span on downstream side of bridge on State Highway 302, 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	1940-66 1972-89	7-5-89	7.34	1080
02173250	Ritter Branch nr 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	1977-89	8-19-89	2.40	(+)
		Combahee River Basin					
02175300	Turkey Creek nr 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	1974-89	6-21-89	5.02	(+)
02175450	Savannah Creek nr 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	1977-88	4-16-89	4.88	(+)
02176100	Remick Swamp nr 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	1977-89	B	A	(+)
		Broad River Basin					
02176875	Great Swamp nr Ridgeland, SC	Lat 32°29'45'', long 81°01'07'', Jasper County, on upstream side of bridge on State Highway 39, 2.5 mi northwest of Ridgeland.	48.8	1977-84+ 1987-89	9-22-89	5.81	768
		Savannah River Basin					
02184100	Cleveland Creek nr 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	1974-89	7-4-89	5.51	(+)
02185400	Cane Creek nr 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	1977-89	B	A	(+)
02187900	Broadway Creek nr Anderson, SC	Lat 34°30'09'', long 82°35'00'', Anderson County, at bridge on State Highway 48, 0.1 mi downstream from Cupbroad Creek and 3.8 mi east of Anderson.	26.4	1977-89	3-6-89	6.56	674
02192450	Camp Creek nr 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	1977-89	B	A	(+)
02195660	Log Creek nr 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	1977-89	10-3-88	4.28	106
02197410	Miller Creek Tributary nr 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	1977-89	10-8-88	4.69	326

\+ Discharge not determined.
♦ Operated as a continuous-record gaging station.
A Stage not determined.
B Date unknown.
* Probably caused by backwater from beaver dam.
** Probably caused by backwater from debris.

DISCHARGE AT MISCELLANEOUS SITES AND PARTIAL-RECORD STATIONS, OCTOBER 1988 TO SEPTEMBER 1989

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to these events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

STATION NO.	STATION NAME	LOCATION	DRAINAGE AREA (mi^2) (Approx)	PERIOD OF RECORD (WT YR)	DATE	GAGE HEIGHT (FT)	DISCHARGE (ft^3/S)
		SANTEE RIVER BASIN					
02148312	Wateree River @ Union Camp nr Eastover, SC	Lat 33°53'34'', long 80°37'35'', Richland County, 3.0 mi upstream from SCE&G plant, and 4.0 mi east of Eastover.	5,590	1984-1989	10-17-88	87.11	2,150
					12-06-88	88.70	3,050
					12-06-88	88.70	3,300
					02-01-89	87.97	2,600
					05-04-89	98.40	10,000
					06-25-89	90.54	3,810
					08-11-89	88.16	2,470
02171001	Santee River @ Lake Marion Tail Race, nr Pineville,SC	Lat 33°26'58'', long 80°09'50'', Berkeley County, 300 feet below Wilson Dam, 2.8 mi upstream from Old Santee Canal, 5.4 mi upstream from Dead River, 8.0 mi west of Pineville.	14,700	1966-1989	12-09-88	26.82	600
					03-29-89	26.95	430
					06-22-89	27.14	394
02171520	Little River nr Pineville, SC	Lat 33°28'56'', long 80°09'43'', Clarendon County, 4.5 mi upstream from Dead River, 8.1 mi west of Pineville.		1946-1989	12-08-88	--	18
					06-22-89	--	30
		EDISTO RIVER BASIN					
02174048	Edisto River @ SCE&G Plant nr Canadys, SC	Lat 33°04'00'', long 80°37'26'', Colleton County, 1.0 mi north of Canadys, and 12.0 mi north of Walterboro.	1,850	1982-1989	10-18-88	53.65	1,020
					12-15-88	53.44	1,150
					02-06-89	53.75	1,100
					03-28-89	56.60	2,300
					05-12-89	55.45	1,880
					06-28-89	55.22	1,740
					08-08-89	56.40	2,160

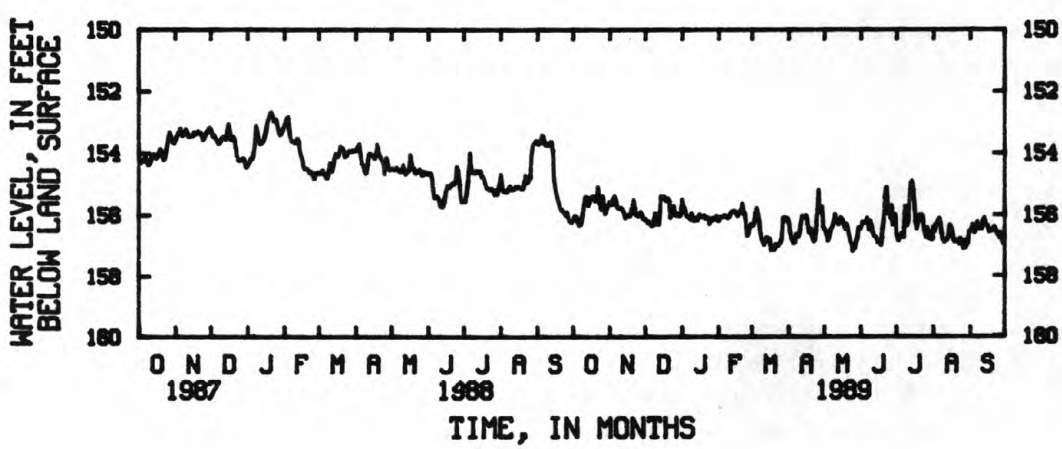
GROUND WATER RECORDS

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 318 ft, 8 in from 279 to 605 ft, depth 605 ft, cased to 605 ft, screened intervals 390-400, 455-465, 590-600 ft.
INSTRUMENTATION.--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.--Also known as SRP-4M. Electric log available in District files.
PERIOD OF RECORD.--May 1952 to current year. Prior to October 1970, maximum and minimum only. Prior to 1974, published as AK-2 or LA-4.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 144.77 ft below land-surface datum, Feb. 23, 1966; lowest, 159.22 ft below land-surface datum, May 29, 1957.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	156.21	155.60	156.15	156.50	156.22	156.37	156.24	156.49	156.45	156.69	156.40	156.55
2	156.11	155.61	156.23	155.73	156.09	156.37	156.57	156.54	156.25	156.84	156.54	156.48
3	156.06	155.67	156.29	155.77	156.08	156.22	156.77	156.67	156.24	156.87	156.33	156.33
4	156.06	155.49	156.24	155.92	156.09	155.94	156.85	156.87	156.29	156.74	156.30	156.57
5	156.26	155.39	156.29	156.09	156.06	155.79	156.94	156.79	156.26	156.64	156.21	156.59
6	156.36	155.52	156.38	156.07	156.03	156.00	156.93	156.52	156.11	156.75	156.13	156.48
7	156.36	155.73	156.37	156.11	156.07	156.21	156.66	156.45	156.21	156.75	156.31	156.24
8	156.31	155.80	156.36	156.18	156.09	156.58	156.66	156.38	156.51	155.72	156.61	156.46
9	156.02	155.80	155.96	155.97	156.11	156.81	156.73	156.25	156.22	155.90	156.84	156.47
10	155.72	155.80	156.06	156.14	156.07	156.90	156.59	155.98	156.35	156.38	156.92	156.47
11	155.47	155.79	156.25	156.22	155.96	157.00	156.32	156.17	156.60	156.22	156.85	156.47
12	155.42	155.87	156.32	156.15	155.90	156.89	156.04	156.25	156.70	155.31	156.87	156.17
13	155.43	155.97	155.88	156.12	155.89	156.77	156.06	156.32	156.73	154.97	156.81	156.10
14	155.71	156.13	155.40	156.20	155.89	156.76	156.09	156.26	156.77	154.91	156.67	156.32
15	155.59	156.09	155.41	156.08	155.90	156.83	156.02	156.10	156.92	155.16	156.35	156.36
16	155.46	156.03	155.41	156.00	155.98	156.80	156.04	156.14	156.92	155.65	156.40	156.38
17	155.42	156.01	155.41	156.07	156.05	157.18	156.33	156.24	156.94	156.24	156.58	156.58
18	155.40	156.05	155.52	156.08	155.97	157.17	156.58	156.44	157.01	156.48	156.83	156.51
19	155.42	155.95	155.56	156.09	155.89	157.09	156.62	156.48	156.52	156.29	156.91	156.54
20	155.56	155.77	155.49	156.05	155.83	157.15	156.49	156.33	156.24	156.04	156.86	156.54
21	155.50	155.54	155.55	156.14	155.65	156.98	156.81	156.49	155.37	156.02	156.85	156.43
22	155.10	155.78	156.12	156.13	155.97	157.02	156.89	156.68	155.14	156.02	156.90	156.42
23	155.53	156.01	155.97	156.11	155.97	157.03	156.84	156.87	155.12	156.06	156.97	156.53
24	155.79	156.01	155.77	156.32	156.46	156.96	156.52	156.97	155.99	156.50	156.80	156.67
25	155.84	156.06	155.74	156.25	156.71	156.92	155.81	157.20	155.77	156.68	156.99	156.67
26	155.41	156.02	155.93	156.20	156.66	156.77	155.20	157.14	156.14	156.77	157.12	156.78
27	155.70	155.94	156.04	156.12	156.45	156.10	155.79	157.11	155.72	156.45	156.86	156.61
28	155.98	155.97	155.98	156.17	156.32	156.08	155.94	156.89	156.35	156.65	157.10	156.88
29	155.82	156.15	156.04	156.12	---	156.21	155.76	156.78	156.23	156.81	156.99	156.96
30	155.75	156.16	156.05	156.05	---	156.11	156.42	156.43	156.02	156.76	156.94	156.97
31	155.69	---	156.01	156.16	---	156.12	---	156.48	---	156.84	156.55	---
MEAN	155.76	155.86	155.94	156.07	156.08	156.62	156.38	156.54	156.27	156.26	156.70	156.52
MAX	156.36	156.16	156.38	156.32	156.71	157.18	156.94	157.20	157.01	156.87	157.12	156.97
MIN	155.10	155.39	155.40	155.50	155.65	155.79	155.20	155.98	155.12	154.91	156.13	156.10

CAL YR 1988 MEAN 154.82 HIGH 152.68 LOW 156.38
WTR YR 1989 MEAN 156.25 HIGH 154.91 LOW 157.20

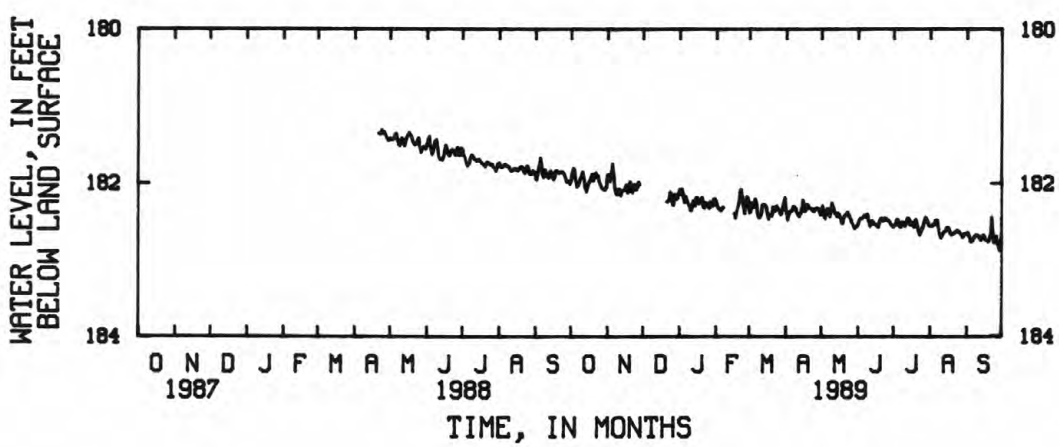


GROUND-WATER LEVELS
AIKEN COUNTY

332616081462001.Local number, AK-817.
LOCATION.--Lat 33°26'17''(Revised), long 81°46'15''(Revised), Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road), approximately 0.6 mi east of junction with State Highway 302.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 478 ft, 4 in from 478 ft to 535 ft,depth 535 ft, cased to 535 ft, screened interval 520-530 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--April 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 181.31 ft below land-surface datum, Apr. 24, 1988; lowest, 182.88 ft below land-surface datum, Sept. 28, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181.97	181.89	---	182.08	182.25	182.39	182.37	182.35	182.54	182.58	182.56	182.67
2	181.89	181.89	---	182.15	182.31	182.38	182.49	182.30	182.49	182.56	182.56	182.65
3	181.81	181.98	---	182.08	182.34	182.26	182.43	182.43	182.46	182.54	182.56	182.69
4	181.82	181.92	---	182.15	182.36	182.32	182.38	182.47	182.46	182.48	182.55	182.77
5	181.96	181.75	---	182.26	182.36	182.30	182.37	182.37	182.46	182.48	182.53	182.77
6	182.06	181.88	---	182.18	182.33	182.21	182.36	182.34	182.42	182.57	182.49	182.76
7	182.04	182.06	---	182.23	182.32	182.28	182.31	182.39	182.42	182.58	182.49	182.72
8	182.00	182.15	---	182.27	---	182.44	182.31	182.44	182.45	182.54	182.58	182.70
9	181.95	182.16	---	182.30	---	182.46	182.34	182.38	182.41	182.51	182.68	182.68
10	181.91	182.09	---	182.36	---	182.44	182.39	182.26	182.51	182.56	182.72	182.68
11	181.86	182.08	---	182.36	---	182.40	182.42	182.32	182.57	182.56	182.69	182.69
12	181.93	182.17	---	182.27	---	182.29	182.44	182.38	182.55	182.52	182.66	182.73
13	182.09	182.11	---	182.23	---	182.28	182.41	182.41	182.50	182.46	182.64	182.75
14	182.12	182.10	---	182.30	---	182.29	182.37	182.44	182.52	182.47	182.63	182.72
15	182.05	182.10	---	182.19	---	182.31	182.22	182.40	182.54	182.55	182.59	182.68
16	182.00	182.06	---	182.19	182.40	182.39	182.27	182.41	182.55	182.54	182.58	182.70
17	181.98	182.02	---	182.27	182.46	182.48	182.37	182.46	182.57	182.52	182.61	182.75
18	181.94	182.13	---	182.25	182.38	182.41	182.35	182.53	182.58	182.58	182.66	182.76
19	181.89	182.11	---	182.22	182.31	182.41	182.28	182.53	182.52	182.56	182.68	182.77
20	181.97	181.98	---	182.19	182.27	182.43	182.31	182.46	182.47	182.48	182.67	182.76
21	181.92	182.02	182.25	182.32	182.10	182.31	182.33	182.42	182.46	182.56	182.66	182.69
22	181.87	182.13	182.25	182.33	182.08	182.37	182.34	182.42	182.50	182.65	182.65	182.45
23	181.92	182.03	182.22	182.26	182.18	182.36	182.34	182.38	182.49	182.68	182.64	182.62
24	181.91	182.02	182.12	182.28	182.33	182.30	182.37	182.41	182.46	182.65	182.62	182.79
25	182.00	182.09	182.15	182.31	182.40	182.34	182.37	182.45	182.47	182.61	182.63	182.78
26	182.03	182.06	182.29	182.33	182.28	182.36	182.34	182.49	182.49	182.57	182.65	182.70
27	182.07	181.99	182.29	182.25	182.18	182.41	182.33	182.53	182.50	182.52	182.67	182.81
28	182.08	182.02	182.15	182.30	182.21	182.41	182.33	182.57	182.52	182.45	182.71	182.88
29	182.09	---	182.21	182.30	---	182.34	182.36	182.60	182.55	182.47	182.71	182.80
30	182.09	---	182.21	182.20	---	182.24	182.42	182.58	182.57	182.52	182.67	182.74
31	182.05	---	182.14	182.21	---	182.19	---	182.57	---	182.56	182.67	---
MEAN	181.98	---	---	182.25	---	182.35	182.36	182.44	182.50	182.54	182.63	182.72
MAX	182.12	---	---	182.36	---	182.48	182.49	182.60	182.58	182.68	182.72	182.88
MIN	181.81	---	---	182.08	---	182.19	182.22	182.26	182.41	182.45	182.49	182.45

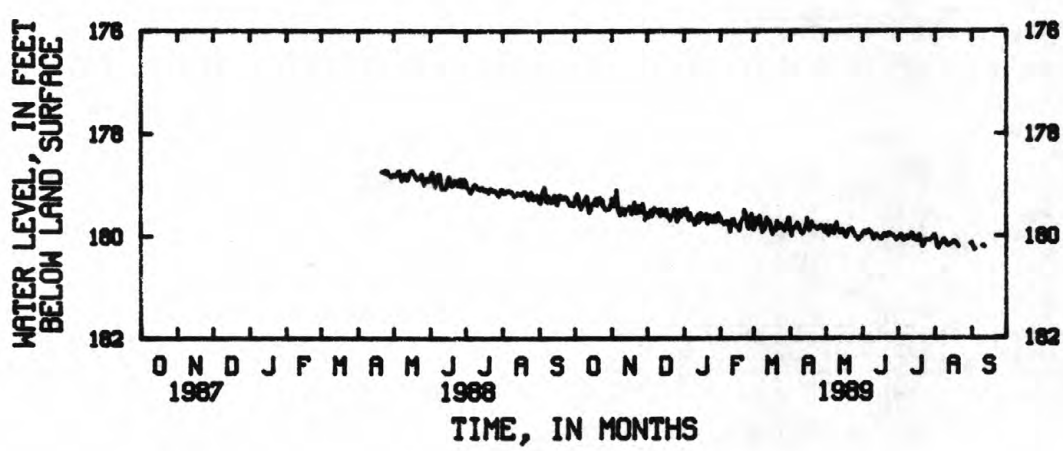


AIKEN COUNTY

332617081462001.Local number, AK-818.
LOCATION.--Lat 33°26'17''(Revised), long 81°46'14''(Revised), Hydrologic Unit 03060106, 100 ft north of State Highway 146, (Graymare Hollow Road), approximately 0.6 mi east of junction with State Highway 302.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 410 ft, 4 in from 368 to 425 ft, depth 425 ft, cased to 425 ft, screened interval 410-420 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.1 ft above land-surface datum.
PERIOD OF RECORD.--April 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 178.72 ft below land-surface datum, Apr. 24, May 17, 1988; lowest, 180.28 ft below land-surface datum, Sept. 3, 1989. (lowest extreme may have been exceeded during period of missing record).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

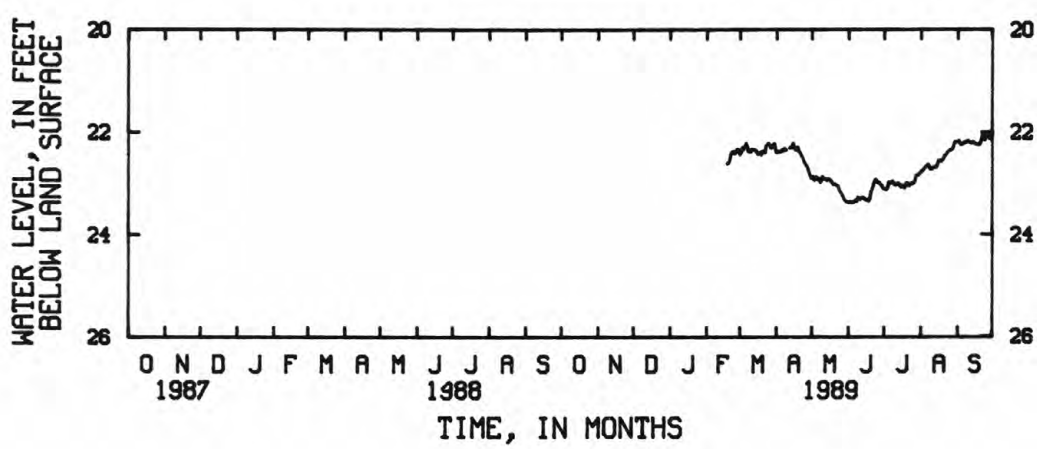
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	179.34	179.27	179.55	179.48	179.65	179.89	179.92	179.80	179.97	180.05	179.98	180.14
2	179.23	179.29	179.63	179.58	179.73	179.82	180.00	179.85	179.92	180.02	180.09	180.21
3	179.18	179.41	179.56	179.46	179.74	179.66	179.87	179.99	179.91	179.98	180.23	180.28
4	179.24	179.31	179.50	179.59	179.77	179.77	179.84	179.96	179.95	179.98	180.25	180.27
5	179.42	179.11	179.60	179.69	179.76	179.74	179.82	179.81	179.91	180.08	180.20	---
6	179.48	179.35	179.53	179.56	179.72	179.61	179.83	179.83	179.89	180.09	180.15	---
7	179.43	179.54	179.45	179.64	179.72	179.73	179.75	179.91	179.93	180.04	180.14	---
8	179.38	179.59	179.50	179.67	179.81	179.93	179.77	179.95	179.93	180.01	180.09	---
9	179.32	179.57	179.50	179.72	179.91	179.91	179.88	179.81	179.98	180.06	180.07	---
10	179.28	179.46	179.53	179.78	179.80	179.87	179.93	179.74	180.07	180.05	180.11	180.20
11	179.23	179.49	179.49	179.76	179.67	179.81	179.96	179.86	180.05	180.01	180.18	180.20
12	179.35	179.58	179.60	179.62	179.67	179.65	179.94	179.89	179.99	179.95	180.20	180.22
13	179.54	179.48	179.48	179.59	179.77	179.69	179.87	179.94	179.98	179.96	180.19	---
14	179.52	179.49	179.55	179.73	179.80	179.71	179.83	179.92	180.01	180.07	180.17	---
15	179.41	179.48	179.58	179.55	179.82	179.76	179.65	179.88	180.03	180.05	180.15	---
16	179.37	179.43	179.55	179.58	179.80	179.88	179.77	179.92	180.05	180.02	180.14	---
17	179.37	179.43	179.49	179.67	179.89	179.97	179.89	179.99	180.07	180.10	180.11	---
18	179.32	179.57	179.63	179.63	179.75	179.86	179.83	180.03	180.02	180.06	180.12	---
19	179.27	179.50	179.65	179.61	179.68	179.86	179.73	179.99	179.97	179.99	180.15	---
20	179.39	179.34	179.69	179.58	179.65	179.89	179.81	179.89	179.97	180.10	180.17	---
21	179.30	179.45	179.60	179.76	179.49	179.71	179.82	179.89	180.01	180.21	180.22	---
22	179.25	179.55	179.61	179.72	179.54	179.84	179.83	179.87	180.00	180.21	---	---
23	179.35	179.41	179.57	179.61	179.66	179.84	179.83	179.85	179.94	180.15	---	---
24	179.30	179.43	179.47	179.68	179.83	179.77	179.87	179.92	179.95	180.09	---	---
25	179.43	179.53	179.54	179.72	179.86	179.81	179.85	179.96	179.99	---	---	---
26	179.44	179.46	179.72	179.72	179.66	179.84	179.81	180.01	179.99	180.08	---	---
27	179.49	179.37	179.67	179.61	179.57	179.90	179.80	180.02	180.00	180.08	---	---
28	179.48	179.46	179.49	179.72	179.66	179.87	179.82	180.08	180.03	180.07	---	---
29	179.48	179.68	179.62	179.69	---	179.77	179.88	180.07	180.08	180.05	---	---
30	179.47	179.56	179.60	179.56	---	179.65	179.93	180.03	180.07	180.03	---	---
31	179.43	---	179.52	179.62	---	179.65	---	180.01	---	179.99	180.16	---
MEAN	179.37	179.45	179.56	179.64	179.73	179.80	179.84	179.92	179.99	---	---	---
MAX	179.54	179.68	179.72	179.78	179.91	179.97	180.00	180.08	180.08	---	---	---
MIN	179.18	179.11	179.45	179.46	179.49	179.61	179.65	179.74	179.89	---	---	---



333230081290501. Local number, AK-826.
LOCATION.--Lat 33°32'30'', long 81°29'05'', Hydrologic Unit 03050204, Aiken State Park, approximately .25 mi east of County Rd 53.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 473 ft, 4 in 448-485, 495-500 ft, depth 500 ft, cased to 500 ft, screened interval from 485 to 495 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 300 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.42 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 22.02 ft below land-surface datum, Sept. 30, 1989; lowest, 23.39 ft below land-surface datum, June 1, 4, 5, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	22.44	22.41	22.88	23.39	23.12	22.79	22.19
2	---	---	---	---	---	22.40	22.39	22.88	23.38	23.13	22.76	22.17
3	---	---	---	---	---	22.30	22.38	22.95	23.38	23.13	22.74	22.21
4	---	---	---	---	---	22.34	22.39	22.94	23.39	23.09	22.71	22.25
5	---	---	---	---	---	22.29	22.38	22.89	23.39	22.98	22.68	22.24
6	---	---	---	---	---	22.22	22.35	22.91	23.36	23.00	22.64	22.22
7	---	---	---	---	---	22.29	22.36	22.96	23.34	23.00	22.63	22.21
8	---	---	---	---	---	22.38	22.33	22.99	23.36	22.96	22.68	22.20
9	---	---	---	---	---	22.39	22.35	22.96	23.28	23.00	22.73	22.19
10	---	---	---	---	---	22.39	---	22.88	23.31	23.04	22.73	22.18
11	---	---	---	---	---	22.34	---	22.92	23.32	23.04	22.71	22.19
12	---	---	---	---	---	22.34	22.31	22.92	23.30	23.02	22.70	22.21
13	---	---	---	---	---	22.35	22.29	22.94	23.28	23.01	22.69	22.22
14	---	---	---	---	---	22.35	22.30	22.95	23.31	23.04	22.68	22.20
15	---	---	---	---	---	22.38	22.22	22.93	23.32	23.09	22.63	22.21
16	---	---	---	---	---	22.44	22.30	22.94	23.33	23.05	22.56	22.23
17	---	---	---	---	---	22.42	22.35	22.96	23.35	23.05	22.56	22.25
18	---	---	---	---	22.63	22.41	22.31	23.00	23.35	23.10	22.57	22.25
19	---	---	---	---	22.61	22.45	22.30	23.04	23.30	23.06	22.55	22.25
20	---	---	---	---	22.57	22.38	22.39	23.03	23.17	23.00	22.51	22.24
21	---	---	---	---	22.45	22.40	22.42	23.04	23.11	23.02	22.46	22.18
22	---	---	---	---	22.40	22.41	22.47	23.05	23.03	23.05	22.44	22.03
23	---	---	---	---	22.38	22.27	22.50	23.07	22.95	23.02	22.41	22.08
24	---	---	---	---	22.42	22.25	22.58	23.15	22.93	23.01	22.38	22.16
25	---	---	---	---	22.42	22.22	22.62	23.18	22.97	23.01	22.36	22.07
26	---	---	---	---	22.35	22.26	22.66	23.23	23.00	22.99	22.35	22.03
27	---	---	---	---	22.33	22.31	22.69	23.26	23.00	22.94	22.34	22.12
28	---	---	---	---	22.36	22.30	22.76	23.32	23.03	22.86	22.32	22.13
29	---	---	---	---	---	22.26	22.83	23.35	23.06	22.85	22.23	22.07
30	---	---	---	---	---	22.23	22.91	23.37	23.11	22.83	22.19	22.02
31	---	---	---	---	---	22.34	---	23.38	---	22.81	22.20	---
MEAN	---	---	---	---	---	22.34	---	23.04	23.23	23.01	22.55	22.17
MAX	---	---	---	---	---	22.45	---	23.38	23.39	23.13	22.79	22.25
MIN	---	---	---	---	---	22.22	---	22.88	22.93	22.81	22.19	22.02

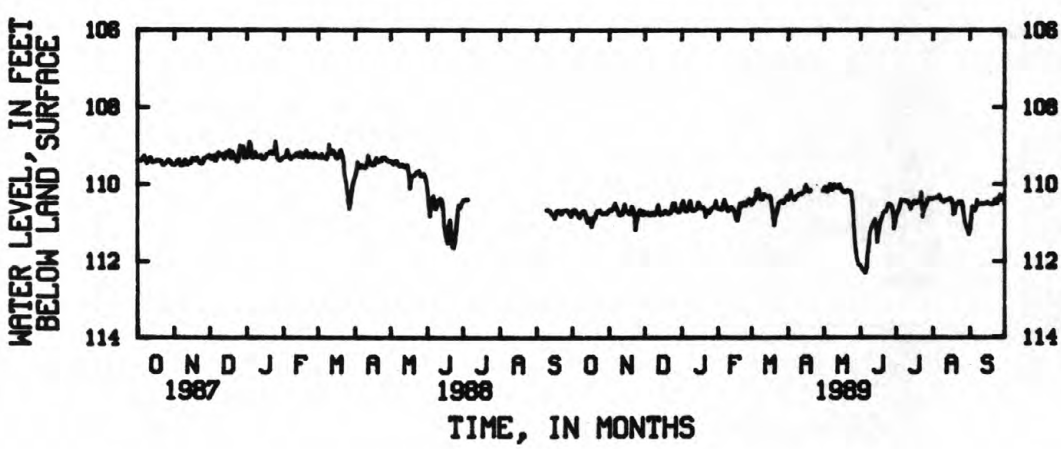


BARNWELL COUNTY

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.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 106.03 ft below land-surface datum, Feb. 12, 1985; lowest, 112.32 ft below land-surface datum, June 5, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110.76	110.67	110.74	110.52	110.64	110.54	110.40	110.12	112.14	110.82	110.39	111.18
2	110.68	110.66	110.79	110.43	110.65	110.50	110.30	110.08	112.21	110.75	110.37	110.90
3	110.67	110.69	110.76	110.53	110.66	110.38	110.17	110.17	112.25	110.68	110.37	110.58
4	110.70	110.66	110.75	110.69	110.67	110.40	110.32	110.20	112.28	110.58	110.36	110.70
5	110.76	110.54	110.82	110.71	110.56	110.15	110.35	110.10	112.32	110.40	110.33	110.70
6	110.80	110.50	110.80	110.64	110.41	110.17	110.41	110.01	112.17	110.44	110.29	110.64
7	110.88	110.61	110.75	110.64	110.52	110.13	110.37	110.08	111.76	110.43	110.34	110.42
8	110.80	110.68	110.79	110.44	110.62	110.37	110.32	110.15	111.55	110.43	110.43	110.54
9	110.75	110.79	110.81	110.62	110.71	110.38	110.29	110.11	111.22	110.44	110.45	110.53
10	110.71	110.82	110.76	110.69	110.68	110.40	110.26	110.02	111.13	110.46	110.47	110.53
11	110.71	110.77	110.70	110.70	110.62	110.28	110.24	110.06	111.04	110.45	110.45	110.51
12	110.78	110.79	110.55	110.68	110.61	110.27	110.26	110.08	110.98	110.54	110.42	110.52
13	110.94	110.70	110.70	110.66	110.64	110.31	110.23	110.09	110.92	110.66	110.42	110.52
14	111.01	110.53	110.80	110.63	110.68	110.32	110.21	110.02	111.03	110.55	110.40	110.51
15	110.90	110.70	110.79	110.48	110.81	110.34	110.08	110.07	111.52	110.54	110.38	110.48
16	110.92	110.71	110.78	110.54	110.93	110.32	110.03	110.14	111.26	110.45	110.38	110.48
17	111.12	110.71	110.75	110.63	110.96	110.36	110.13	110.19	111.06	110.45	110.45	110.51
18	111.00	110.78	110.70	110.62	110.80	110.61	110.18	110.22	110.95	110.50	110.80	110.52
19	110.87	110.74	110.72	110.62	110.50	110.90	110.19	110.23	110.86	110.48	110.78	110.53
20	110.88	110.59	110.76	110.65	110.60	111.08	110.16	110.19	110.75	110.44	110.59	110.53
21	110.77	110.66	110.77	110.86	110.50	110.85	---	110.17	110.70	110.38	110.53	110.52
22	110.70	110.81	110.76	110.76	110.47	110.75	---	110.19	110.73	110.23	110.49	110.40
23	110.72	111.20	110.73	110.70	110.49	110.62	---	110.19	110.65	110.87	110.46	110.41
24	110.68	110.97	110.50	110.75	110.56	110.49	---	110.24	110.53	110.72	110.52	110.50
25	110.74	110.79	110.61	110.71	110.49	110.46	---	110.45	110.51	110.60	110.47	110.35
26	110.76	110.74	110.50	110.65	110.41	110.44	---	111.10	110.54	110.54	110.59	110.28
27	110.77	110.68	110.69	110.63	110.38	110.45	---	111.50	110.56	110.45	110.86	110.42
28	110.77	110.71	110.66	110.59	110.42	110.49	---	111.76	110.66	110.38	111.04	110.32
29	110.76	110.81	110.73	110.59	---	110.43	---	111.95	111.18	110.37	111.14	110.40
30	110.77	110.72	110.73	110.44	---	110.34	110.17	112.08	111.02	110.37	111.20	110.39
31	110.74	---	110.67	110.63	---	110.30	---	112.12	---	110.39	111.32	---
MEAN	110.80	110.72	110.72	110.63	110.61	110.45	---	110.45	111.22	110.51	110.56	110.53
MAX	111.12	111.20	110.82	110.86	110.96	111.08	---	112.12	112.32	110.87	111.32	111.18
MIN	110.67	110.50	110.50	110.43	110.38	110.13	---	110.01	110.51	110.23	110.29	110.28

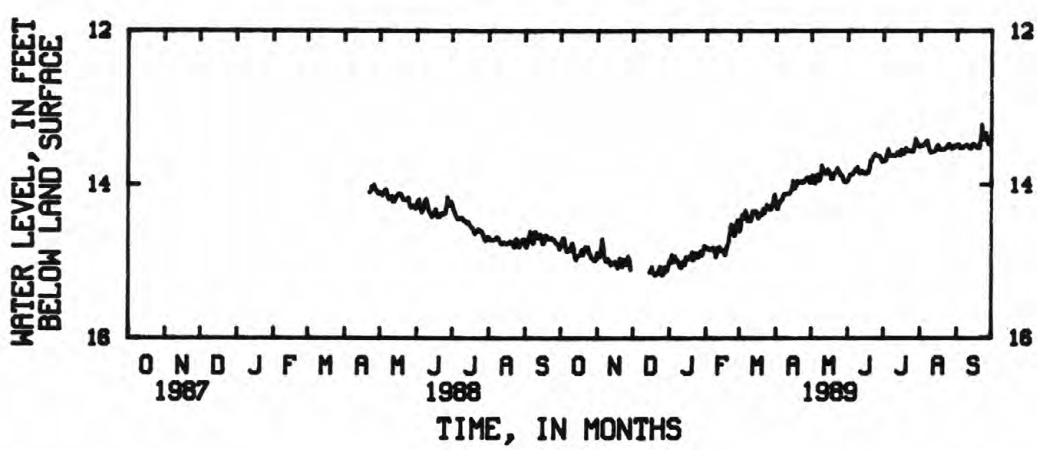


BARNWELL COUNTY

331037081184301. Local number, BW-349.
LOCATION.--Lat 33°10'42''(Revised) , long 81°18'55''(Revised), Hydrologic Unit 03050207, 245 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from +3 to 1030 ft, 4 in 988 to 1045 ft, depth 1045 ft, grouted from 1048-1385 ft, cased to 1045 ft, screened interval 1030-1040 ft.
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, 3.25 ft above land-surface datum.
PERIOD OF RECORD.--April 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 13.22 ft below land-surface datum, Sept. 22, 1989; lowest, 15.19 ft below land-surface datum, Dec. 20, 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.81	14.89	---	14.99	14.81	14.61	14.27	13.90	13.95	13.70	13.51	13.50
2	14.75	14.89	---	15.02	14.84	14.53	14.32	13.88	13.90	13.70	13.50	13.48
3	14.70	14.95	---	14.91	14.83	14.39	14.26	13.97	13.87	13.68	13.50	13.49
4	14.70	14.86	---	14.97	14.85	14.45	14.24	13.99	13.87	13.60	13.49	13.53
5	14.81	14.71	---	15.01	14.85	14.41	14.21	13.90	13.87	13.54	13.47	13.53
6	14.88	14.83	---	14.94	14.83	14.34	14.20	13.87	13.83	13.61	13.44	13.53
7	14.88	14.94	---	14.99	14.82	14.39	14.14	13.91	13.80	13.63	13.43	13.51
8	14.87	15.00	---	14.99	14.87	14.48	14.12	13.95	13.83	13.62	13.50	13.50
9	14.85	15.01	---	15.04	14.95	14.48	14.13	13.88	13.77	13.62	13.57	13.49
10	14.81	14.97	---	15.08	14.90	14.48	14.12	13.75	13.83	13.63	13.59	13.49
11	14.77	14.99	---	15.09	14.82	14.45	14.11	13.80	13.86	13.63	13.58	13.50
12	14.84	15.06	---	15.01	14.81	14.35	14.12	13.82	13.85	13.61	13.58	13.53
13	14.97	15.02	---	15.00	14.84	14.35	14.10	13.86	13.83	13.58	13.57	13.54
14	14.99	15.04	---	15.05	14.86	14.35	14.07	13.86	13.85	13.59	13.56	13.49
15	14.95	15.04	15.15	14.94	14.87	14.35	13.95	13.81	13.86	13.62	13.51	13.47
16	14.93	15.01	15.12	14.95	14.86	14.40	14.01	13.83	13.85	13.55	13.49	13.48
17	14.93	15.02	15.08	14.98	14.92	14.44	14.05	13.87	13.86	13.55	13.52	13.50
18	14.89	15.10	15.15	14.94	14.83	14.38	14.01	13.93	13.85	13.60	13.55	13.52
19	14.85	15.06	15.17	14.93	14.78	14.40	13.95	13.93	13.80	13.58	13.55	13.52
20	14.92	14.96	15.19	14.88	14.73	14.39	13.98	13.88	13.69	13.53	13.55	13.53
21	14.85	15.03	15.16	14.99	14.57	14.31	13.97	13.85	13.70	13.55	13.55	13.40
22	14.81	15.08	15.17	14.95	14.52	14.37	13.97	13.84	13.64	13.56	13.54	13.22
23	14.85	14.98	15.14	14.89	14.56	14.31	13.96	13.79	13.62	13.56	13.53	13.31
24	14.82	15.00	15.07	14.92	14.65	14.26	13.98	13.82	13.60	13.57	13.50	13.42
25	14.90	15.05	15.10	14.95	14.67	14.28	13.97	13.85	13.62	13.57	13.47	13.37
26	14.91	15.01	15.19	14.94	14.53	14.30	13.93	13.88	13.63	13.57	13.49	13.34
27	14.96	14.94	15.17	14.87	14.46	14.33	13.91	13.89	13.63	13.51	13.51	13.44
28	14.97	14.99	15.08	14.92	14.49	14.32	13.91	13.94	13.64	13.41	13.54	13.48
29	14.99	15.12	15.14	14.90	---	14.25	13.94	13.97	13.67	13.44	13.53	13.42
30	15.00	---	15.12	14.80	---	14.16	13.98	13.97	13.71	13.47	13.50	13.40
31	14.99	---	15.06	14.81	---	14.13	---	13.97	---	13.50	13.51	---
MEAN	14.88	---	---	14.96	14.76	14.37	14.06	13.88	13.78	13.58	13.52	13.46
MAX	15.00	---	---	15.09	14.95	14.61	14.32	13.99	13.95	13.70	13.59	13.54
MIN	14.70	---	---	14.80	14.46	14.13	13.91	13.75	13.60	13.41	13.43	13.22

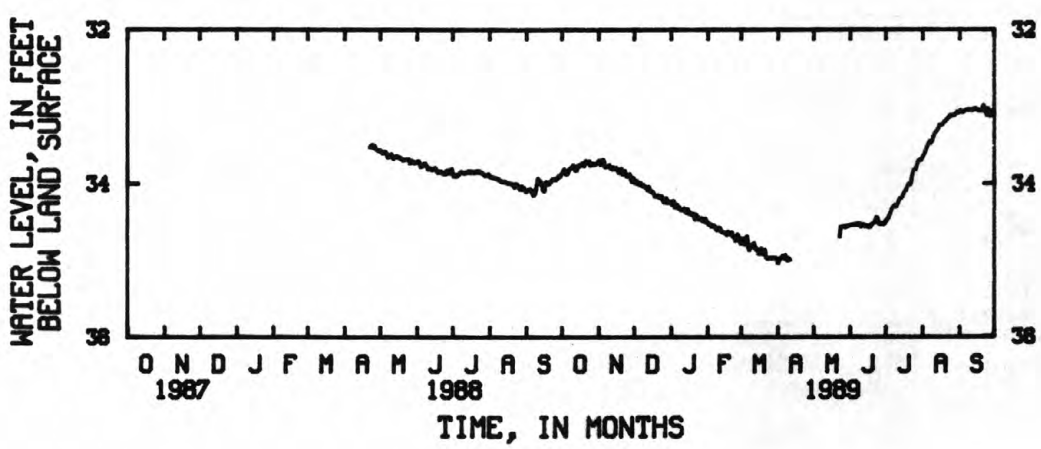


BARNWELL COUNTY

331039081184201. Local number, BW-350.
LOCATION.--Lat 33°10'45''(Revised) , long 81°18'54''(Revised), Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Tertiary System.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from +3 ft to 150 ft, 4 in 113 to 155 ft, depth 170 ft, cased to 170 ft, screened interval 155-165 ft.
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, 2.95 ft above land-surface datum.
PERIOD OF RECORD.--April 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 32.98 ft below land-surface datum, Sept. 21, 1989; lowest, 35.04 ft below land-surface datum, Apr. 1, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

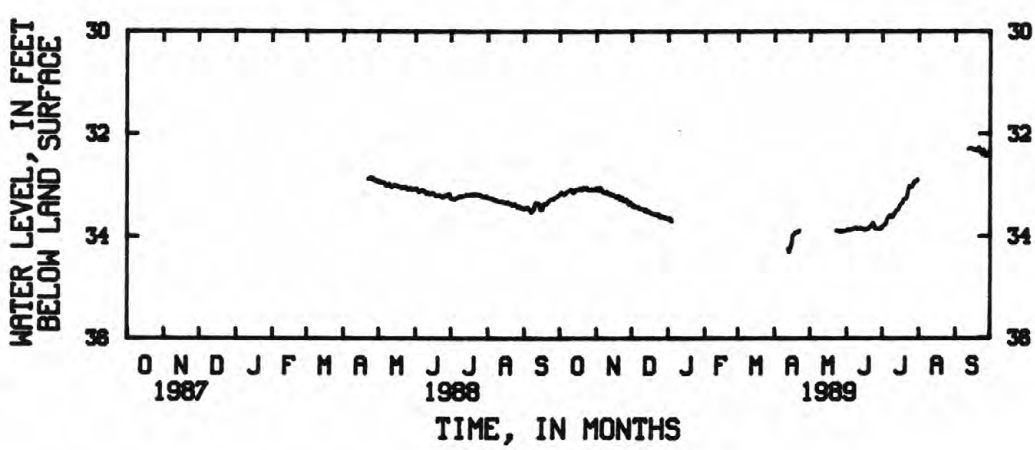
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.86	33.70	33.97	34.25	34.51	34.79	35.04	---	34.54	34.49	33.65	33.06
2	33.83	33.74	34.00	34.28	34.54	34.72	35.00	---	34.53	34.47	33.62	33.05
3	33.81	33.75	33.97	34.23	34.53	34.74	34.97	---	34.53	34.45	33.59	33.07
4	33.85	33.69	34.00	34.32	34.56	34.80	34.97	---	34.54	34.41	33.54	33.07
5	33.88	33.69	34.02	34.30	34.55	34.72	34.94	---	34.53	34.37	33.51	33.06
6	33.86	33.77	34.00	34.28	34.55	34.69	34.97	---	34.52	34.33	33.47	33.05
7	33.82	33.79	34.01	34.33	34.57	34.85	34.93	---	34.53	34.30	33.45	33.04
8	33.80	33.78	34.04	34.32	34.60	34.87	34.98	---	34.54	34.28	33.47	33.04
9	33.79	33.78	34.03	34.35	34.61	34.81	35.00	---	34.52	34.30	33.44	33.04
10	33.76	33.76	34.05	34.35	34.58	34.83	34.98	---	34.56	34.30	33.39	33.04
11	33.76	33.80	34.05	34.35	34.58	34.80	34.99	---	34.55	34.26	33.35	33.04
12	33.81	33.81	34.09	34.33	34.62	34.78	---	---	34.53	34.22	33.33	33.05
13	33.83	33.79	34.05	34.37	34.63	34.84	---	---	34.54	34.19	33.31	33.04
14	33.79	33.81	34.10	34.38	34.64	34.85	---	---	34.56	34.19	33.28	33.02
15	33.76	33.81	34.11	34.34	34.64	34.87	---	---	34.55	34.17	33.24	33.03
16	33.76	33.80	34.11	34.40	34.65	34.92	---	---	34.56	34.12	33.24	33.04
17	33.76	33.83	34.12	34.40	34.67	34.89	---	---	34.57	34.10	33.24	33.05
18	33.73	33.86	34.17	34.39	34.63	34.85	---	---	34.56	34.09	33.22	33.05
19	33.73	33.83	34.17	34.41	34.66	34.92	---	---	34.53	34.03	33.20	33.05
20	33.76	33.81	34.17	34.40	34.65	34.87	---	---	34.52	34.01	33.19	33.05
21	33.70	33.88	34.16	34.47	34.64	34.87	---	---	34.51	34.02	33.17	32.98
22	33.72	33.88	34.19	34.41	34.69	34.97	---	---	34.48	33.99	33.15	33.04
23	33.73	33.84	34.18	34.43	34.70	34.98	---	34.69	34.44	33.90	33.14	33.07
24	33.71	33.90	34.17	34.46	34.75	34.98	---	34.56	34.45	33.83	33.11	33.12
25	33.76	33.91	34.22	34.47	34.71	34.97	---	34.56	34.52	33.82	33.12	33.03
26	33.74	33.88	34.25	34.46	34.67	34.97	---	34.56	34.53	33.82	33.11	33.06
27	33.75	33.88	34.22	34.46	34.71	34.98	---	34.55	34.52	33.76	33.11	33.13
28	33.74	33.95	34.20	34.50	34.77	34.97	---	34.57	34.52	33.71	33.11	33.10
29	33.75	33.98	34.26	34.48	---	34.97	---	34.56	34.53	33.69	33.09	33.06
30	33.74	33.93	34.24	34.46	---	34.97	---	34.55	34.52	33.70	33.07	33.07
31	33.73	---	34.24	34.51	---	34.98	---	34.55	---	33.69	33.08	---
MEAN	33.77	33.82	34.11	34.38	34.63	34.87	---	---	34.53	34.10	33.29	33.05
MAX	33.88	33.98	34.26	34.51	34.77	34.98	---	---	34.57	34.49	33.65	33.13
MIN	33.70	33.69	33.97	34.23	34.51	34.69	---	---	34.44	33.69	33.07	32.98



331038081184201. Local number, BW-351.
LOCATION.--Lat 33°10'43''(Revised), long 81°18'53''(Revised), Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Tertiary System.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from +3 ft to 80 ft, 4 in 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.
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, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--April 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 32.27 ft below land-surface datum, Sept. 21, 1989; lowest, 34.32 ft below land-surface datum, Apr. 12, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.18	33.06	33.39	33.67	---	---	---	---	33.88	33.82	---	---
2	33.15	33.10	33.43	33.68	---	---	---	---	33.87	33.80	---	---
3	33.15	33.11	33.40	33.66	---	---	---	---	33.88	33.78	---	---
4	33.18	33.06	33.44	33.72	---	---	---	---	33.88	33.76	---	---
5	33.19	33.07	33.44	---	---	---	---	---	33.87	33.67	---	---
6	33.17	33.13	33.44	---	---	---	---	---	33.87	33.62	---	---
7	33.14	33.15	33.45	---	---	---	---	---	33.84	33.59	---	---
8	33.12	33.15	33.47	---	---	---	---	---	33.84	33.59	---	---
9	33.11	33.16	33.47	---	---	---	---	---	33.84	33.63	---	---
10	33.09	33.14	33.48	---	---	---	---	---	33.86	33.62	---	---
11	33.09	33.18	33.49	---	---	---	---	---	33.86	33.57	---	---
12	33.14	33.19	33.52	---	---	---	34.26	---	33.84	33.53	---	32.30
13	33.15	33.17	33.49	---	---	---	34.32	---	33.85	33.49	---	32.29
14	33.11	33.20	33.53	---	---	---	34.23	---	33.86	33.49	---	32.28
15	33.09	33.20	33.53	---	---	---	34.16	---	33.87	33.45	---	32.29
16	33.09	33.20	33.53	---	---	---	33.99	---	33.87	33.39	---	32.31
17	33.09	33.23	33.55	---	---	---	33.98	---	33.88	33.37	---	32.31
18	33.07	33.25	33.57	---	---	---	33.93	---	33.87	33.35	---	32.32
19	33.08	33.23	33.58	---	---	---	33.94	---	33.87	33.28	---	32.33
20	33.10	33.22	33.58	---	---	---	33.92	---	33.83	33.27	---	32.33
21	33.05	33.29	33.58	---	---	---	33.92	---	33.82	33.27	---	32.27
22	33.07	33.28	33.60	---	---	---	33.89	---	33.78	33.21	---	32.37
23	33.07	33.25	33.59	---	---	---	---	33.89	33.74	33.09	---	32.35
24	33.06	33.31	33.59	---	---	---	---	33.90	33.78	33.02	---	32.42
25	33.09	33.32	33.64	---	---	---	---	33.90	33.85	33.04	---	32.32
26	33.09	33.29	33.65	---	---	---	---	33.91	33.86	33.04	---	32.38
27	33.10	33.30	33.62	---	---	---	---	33.90	33.86	33.00	---	32.45
28	33.09	33.37	33.63	---	---	---	---	33.92	33.86	32.94	---	32.41
29	33.10	33.39	33.66	---	---	---	---	33.90	33.87	32.93	---	32.38
30	33.10	33.35	33.65	---	---	---	---	33.90	33.85	32.93	---	32.40
31	33.09	---	33.66	---	---	---	---	33.90	---	32.90	---	---
MEAN	33.11	33.21	33.54	---	---	---	---	---	33.85	33.37	---	---
MAX	33.19	33.39	33.66	---	---	---	---	---	33.88	33.82	---	---
MIN	33.05	33.06	33.39	---	---	---	---	---	33.74	32.90	---	---

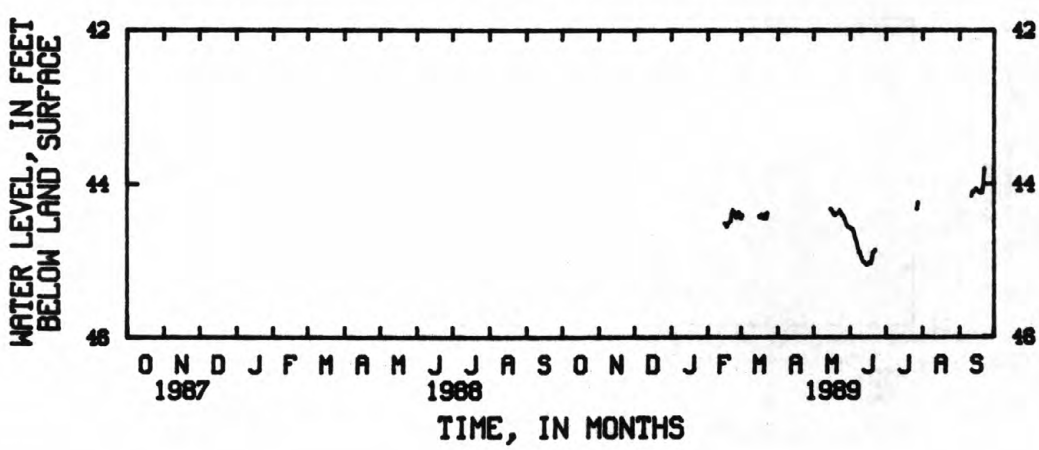


BARNWELL COUNTY

331044081185301. Local number, BW-352.
LOCATION.--Lat 33°10'44'', long 81°18'53'', Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 270 ft, 4 in 248-278, 288-293 ft, depth 295 ft, cased to 293 ft, screened interval from 278 to 288 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.77 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 43.80 ft below land-surface datum, Sept. 22, 1989; lowest, 45.06 ft below land-surface datum, June 15, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

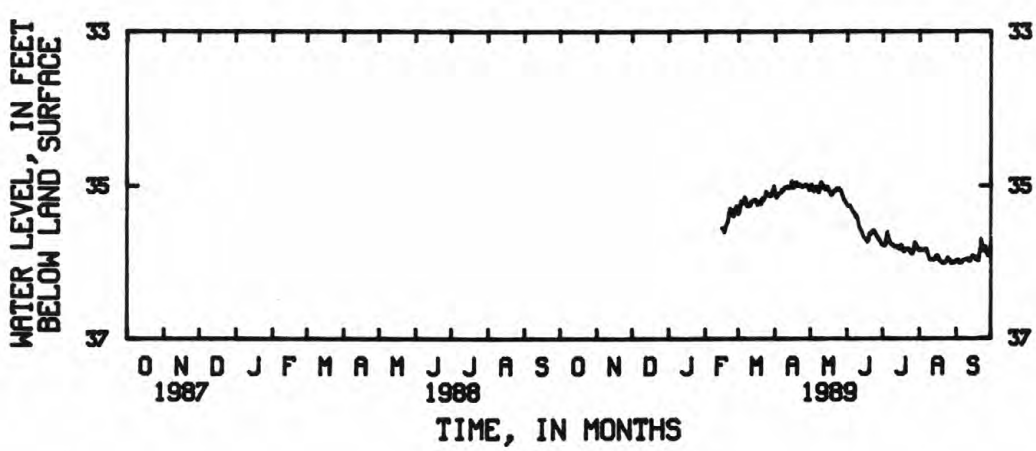
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	44.45	---	---	44.58	---	---	---
2	---	---	---	---	---	44.41	---	---	44.59	---	---	---
3	---	---	---	---	---	---	---	---	44.60	---	---	---
4	---	---	---	---	---	---	---	---	44.65	---	---	---
5	---	---	---	---	---	---	---	---	44.71	---	---	---
6	---	---	---	---	---	---	---	---	44.76	---	---	---
7	---	---	---	---	---	---	---	---	44.82	---	---	---
8	---	---	---	---	---	---	---	---	44.90	---	---	---
9	---	---	---	---	---	---	---	---	44.89	---	---	---
10	---	---	---	---	---	---	---	---	44.95	---	---	---
11	---	---	---	---	---	---	---	---	45.00	---	---	44.16
12	---	---	---	---	---	---	---	---	45.02	---	---	44.10
13	---	---	---	---	---	---	---	---	45.03	---	---	44.11
14	---	---	---	---	---	---	---	---	45.05	---	---	44.09
15	---	---	---	---	44.52	---	---	44.33	45.06	---	---	44.06
16	---	---	---	---	44.53	44.42	---	44.34	45.04	---	---	44.08
17	---	---	---	---	44.56	44.44	---	44.37	45.04	---	---	44.10
18	---	---	---	---	44.52	44.40	---	44.40	45.04	---	---	44.11
19	---	---	---	---	44.50	44.44	---	44.41	45.00	---	---	44.12
20	---	---	---	---	44.49	44.45	---	44.39	44.89	---	---	44.12
21	---	---	---	---	44.39	44.40	---	44.39	44.89	---	---	44.03
22	---	---	---	---	44.34	44.45	---	44.38	44.86	---	---	43.80
23	---	---	---	---	44.36	44.38	---	44.35	---	---	---	---
24	---	---	---	---	44.41	---	---	44.38	---	---	---	---
25	---	---	---	---	44.44	---	---	44.40	---	---	---	---
26	---	---	---	---	44.39	---	---	44.43	---	---	---	---
27	---	---	---	---	44.37	---	---	44.46	---	44.33	---	---
28	---	---	---	---	44.39	---	---	44.51	---	44.24	---	---
29	---	---	---	---	---	---	---	44.54	---	---	---	---
30	---	---	---	---	---	---	---	44.56	---	---	---	---
31	---	---	---	---	---	---	---	44.57	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---



331043081185401. Local number, BW-353.
LOCATION.--Lat 33°10'43'', long 81°18'54'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 565 ft, 4 in 543-573, 583-588 ft, depth 590 ft, cased to 588 ft, screened interval from 573 to 583 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.96 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 34.94 ft below land-surface datum, Apr. 15, 1989; lowest, 36.02 ft below land-surface datum, Aug. 22, 28, 29, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

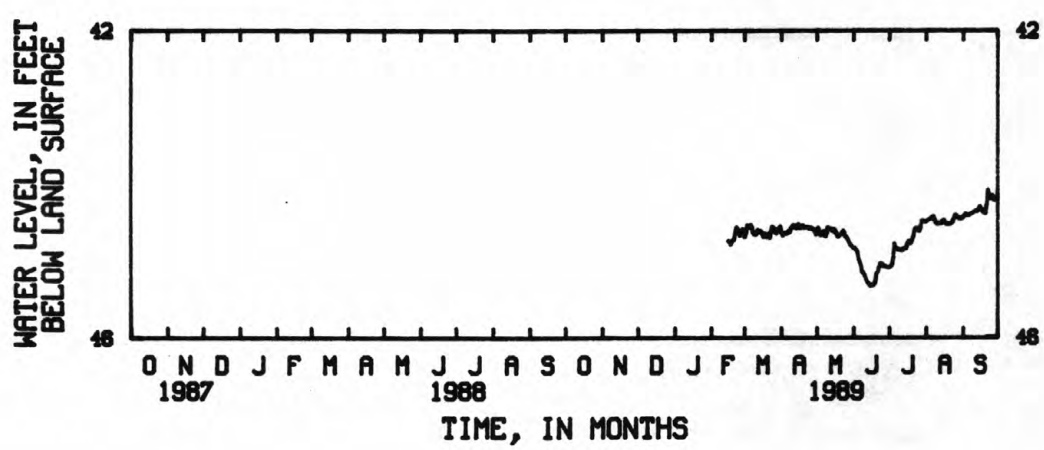
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	35.37	35.10	35.01	35.26	35.78	35.85	36.00
2	---	---	---	---	---	35.32	35.16	34.99	35.27	35.79	35.84	35.98
3	---	---	---	---	---	35.20	35.14	35.06	35.27	35.79	35.85	35.98
4	---	---	---	---	---	35.24	35.11	35.08	35.29	35.71	35.85	36.01
5	---	---	---	---	---	35.22	35.10	35.03	35.33	35.61	35.85	36.01
6	---	---	---	---	---	35.15	35.09	35.02	35.35	35.70	35.84	36.01
7	---	---	---	---	---	35.18	35.05	35.05	35.37	35.74	35.84	35.99
8	---	---	---	---	---	35.26	35.06	35.09	35.42	35.76	35.90	35.98
9	---	---	---	---	---	35.27	35.03	35.04	35.40	35.78	35.95	35.97
10	---	---	---	---	---	35.27	35.03	34.95	35.48	35.79	35.98	35.96
11	---	---	---	---	---	35.26	35.01	34.99	35.55	35.81	35.98	35.97
12	---	---	---	---	---	35.21	35.03	35.01	35.58	35.81	35.97	35.99
13	---	---	---	---	---	35.20	35.03	35.04	35.60	35.80	35.98	35.99
14	---	---	---	---	---	35.19	35.03	35.05	35.65	35.82	35.97	35.95
15	---	---	---	---	35.56	35.18	34.94	35.02	35.68	35.84	35.93	35.92
16	---	---	---	---	35.56	35.20	34.98	35.04	35.69	35.79	35.92	35.93
17	---	---	---	---	35.61	35.25	35.03	35.08	35.72	35.79	35.95	35.95
18	---	---	---	---	35.54	35.23	35.00	35.12	35.74	35.86	35.99	35.97
19	---	---	---	---	35.50	35.21	34.96	35.13	35.71	35.87	36.00	35.98
20	---	---	---	---	35.47	35.24	35.00	35.09	35.63	35.84	36.01	35.99
21	---	---	---	---	35.34	35.17	34.99	35.08	35.64	35.84	36.02	35.87
22	---	---	---	---	35.30	35.19	35.00	35.07	35.60	35.84	36.02	35.70
23	---	---	---	---	35.32	35.16	35.00	35.04	35.59	35.84	36.01	35.77
24	---	---	---	---	35.39	35.08	35.02	35.04	35.60	35.86	35.99	35.86
25	---	---	---	---	35.40	35.09	35.02	35.04	35.64	35.89	35.95	35.83
26	---	---	---	---	35.32	35.11	35.00	35.06	35.67	35.90	35.97	35.81
27	---	---	---	---	35.27	35.13	34.99	35.08	35.69	35.85	35.99	35.89
28	---	---	---	---	35.29	35.14	35.00	35.13	35.71	35.75	36.02	35.92
29	---	---	---	---	---	35.13	35.03	35.19	35.74	35.78	36.02	35.88
30	---	---	---	---	---	35.05	35.06	35.21	35.78	35.81	36.00	35.86
31	---	---	---	---	---	35.01	---	35.24	---	35.84	36.01	---
MEAN	---	---	---	---	---	35.19	35.03	35.07	35.55	35.80	35.95	35.93
MAX	---	---	---	---	---	35.37	35.16	35.24	35.78	35.90	36.02	36.01
MIN	---	---	---	---	---	35.01	34.94	34.95	35.26	35.61	35.84	35.70



331044081185401. Local number, BW-354.
LOCATION.--Lat 33°10'44'', long 81°18'54'', Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 390 ft, 4 in 366-390, 406-411 ft, depth 415 ft, cased to 411 ft, screened interval from 396 to 406 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.15 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 44.07 ft below land-surface datum, Sept. 22, 1989; lowest, 45.33 ft below land-surface datum, June 15, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

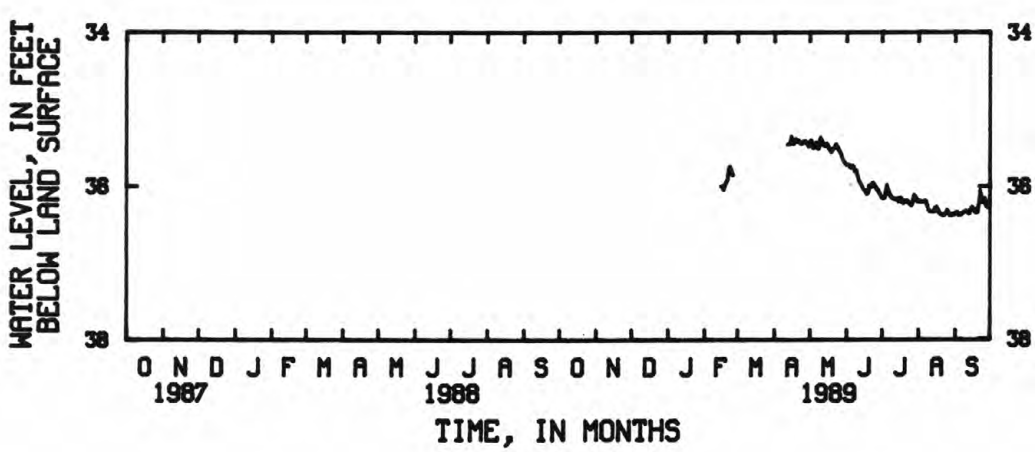
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	44.69	44.63	44.63	44.84	45.08	44.49	44.43
2	---	---	---	---	---	44.64	44.67	44.57	44.84	45.07	44.47	44.41
3	---	---	---	---	---	44.53	44.65	44.63	44.86	45.05	44.46	44.38
4	---	---	---	---	---	44.56	44.64	44.67	44.89	44.96	44.45	44.40
5	---	---	---	---	---	44.56	44.64	44.64	44.98	44.77	44.45	44.40
6	---	---	---	---	---	44.53	44.64	44.62	45.02	44.82	44.42	44.40
7	---	---	---	---	---	44.56	44.61	44.65	45.07	44.84	44.42	44.39
8	---	---	---	---	---	44.63	44.62	44.68	45.15	44.85	44.47	44.38
9	---	---	---	---	---	44.65	44.57	44.65	45.15	44.85	44.50	44.37
10	---	---	---	---	---	44.66	44.54	44.56	45.19	44.85	44.52	44.36
11	---	---	---	---	---	44.65	44.53	44.57	45.24	44.86	44.52	44.35
12	---	---	---	---	---	44.60	44.56	44.58	45.27	44.86	44.51	44.34
13	---	---	---	---	---	44.61	44.56	44.59	45.29	44.84	44.51	44.35
14	---	---	---	---	---	44.61	44.57	44.61	45.31	44.84	44.51	44.32
15	---	---	---	---	44.74	44.62	44.52	44.59	45.33	44.84	44.48	44.29
16	---	---	---	---	44.75	44.66	44.54	44.60	45.31	44.77	44.47	44.31
17	---	---	---	---	44.79	44.69	44.57	44.63	45.32	44.74	44.50	44.34
18	---	---	---	---	44.75	44.65	44.56	44.68	45.31	44.77	44.52	44.36
19	---	---	---	---	44.73	44.68	44.54	44.69	45.28	44.77	44.52	44.37
20	---	---	---	---	44.72	44.69	44.56	44.67	45.16	44.73	44.52	44.38
21	---	---	---	---	44.62	44.65	44.56	44.66	45.14	44.68	44.52	44.26
22	---	---	---	---	44.56	44.70	44.56	44.65	45.08	44.60	44.51	44.07
23	---	---	---	---	44.58	44.62	44.56	44.61	45.03	44.57	44.50	44.12
24	---	---	---	---	44.64	44.55	44.57	44.64	45.03	44.57	44.46	44.19
25	---	---	---	---	44.67	44.56	44.58	44.68	45.04	44.60	44.40	44.17
26	---	---	---	---	44.62	44.58	44.57	44.70	45.07	44.61	44.40	44.15
27	---	---	---	---	44.59	44.63	44.58	44.73	45.07	44.57	44.42	44.20
28	---	---	---	---	44.61	44.64	44.59	44.76	45.07	44.48	44.44	44.21
29	---	---	---	---	---	44.61	44.62	44.80	45.08	44.47	44.45	44.19
30	---	---	---	---	---	44.57	44.66	44.81	45.08	44.48	44.44	44.17
31	---	---	---	---	---	44.55	---	44.83	---	44.49	44.45	---
MEAN	---	---	---	---	---	44.62	44.59	44.66	45.12	44.75	44.47	44.30
MAX	---	---	---	---	---	44.70	44.67	44.83	45.33	45.08	44.52	44.43
MIN	---	---	---	---	---	44.53	44.52	44.56	44.84	44.47	44.40	44.07



331044081185501. Local number, BW-355.
LOCATION.--Lat 33°10'44'', long 81°18'55'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 670 ft, 4 in 654-686, 696-701 ft, depth 701 ft, cased to 701 ft, screened interval from 686 to 696 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.97 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 35.37 ft below land-surface datum, May 10, 1989; lowest, 36.39 ft below land-surface datum, Aug. 22, 28 - 29, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	35.43	35.73	36.16	36.21	36.36
2	---	---	---	---	---	---	---	35.41	35.73	36.17	36.20	36.35
3	---	---	---	---	---	---	---	35.49	35.73	36.16	36.21	36.35
4	---	---	---	---	---	---	---	35.51	35.76	36.09	36.21	36.38
5	---	---	---	---	---	---	---	35.46	35.77	35.99	36.21	36.38
6	---	---	---	---	---	---	---	35.44	35.74	36.06	36.20	36.38
7	---	---	---	---	---	---	---	35.49	35.76	36.11	36.20	36.36
8	---	---	---	---	---	---	---	35.52	35.82	36.13	36.25	36.35
9	---	---	---	---	---	---	---	35.47	35.80	36.15	36.31	36.34
10	---	---	---	---	---	---	---	35.37	35.87	36.17	36.34	36.33
11	---	---	---	---	---	---	---	35.41	35.93	36.18	36.34	36.34
12	---	---	---	---	---	---	35.46	35.44	35.96	36.18	36.34	36.35
13	---	---	---	---	---	---	35.45	35.47	35.98	36.17	36.34	36.36
14	---	---	---	---	---	---	35.45	35.48	36.02	36.19	36.34	36.31
15	---	---	---	---	36.01	---	35.36	35.45	36.05	36.21	36.29	36.28
16	---	---	---	---	36.01	---	35.40	35.47	36.06	36.16	36.28	36.29
17	---	---	---	---	36.05	---	35.45	35.51	36.09	36.16	36.31	36.32
18	---	---	---	---	35.98	---	35.42	35.55	36.11	36.22	36.35	36.34
19	---	---	---	---	35.95	---	35.39	35.56	36.09	36.23	36.36	36.35
20	---	---	---	---	35.92	---	35.42	35.53	36.00	36.20	36.38	36.35
21	---	---	---	---	35.79	---	35.41	35.51	36.02	36.21	36.38	36.23
22	---	---	---	---	35.74	---	35.43	35.50	35.98	36.20	36.39	36.06
23	---	---	---	---	35.77	---	35.43	35.46	35.96	36.21	36.38	36.13
24	---	---	---	---	35.84	---	35.45	35.49	35.98	36.23	36.36	36.22
25	---	---	---	---	35.86	---	35.44	35.52	36.01	36.25	36.32	36.19
26	---	---	---	---	---	---	35.42	35.55	36.04	36.26	36.34	36.17
27	---	---	---	---	---	---	35.42	35.58	36.05	36.21	36.36	36.25
28	---	---	---	---	---	---	35.43	35.63	36.08	36.12	36.39	36.28
29	---	---	---	---	---	---	35.46	35.67	36.11	36.14	36.39	36.23
30	---	---	---	---	---	---	35.49	35.69	36.15	36.17	36.37	36.21
31	---	---	---	---	---	---	---	35.71	---	36.20	36.38	---
MEAN	---	---	---	---	---	---	---	35.51	35.95	36.17	36.31	36.29
MAX	---	---	---	---	---	---	---	35.71	36.15	36.26	36.39	36.38
MIN	---	---	---	---	---	---	---	35.37	35.73	35.99	36.20	36.06

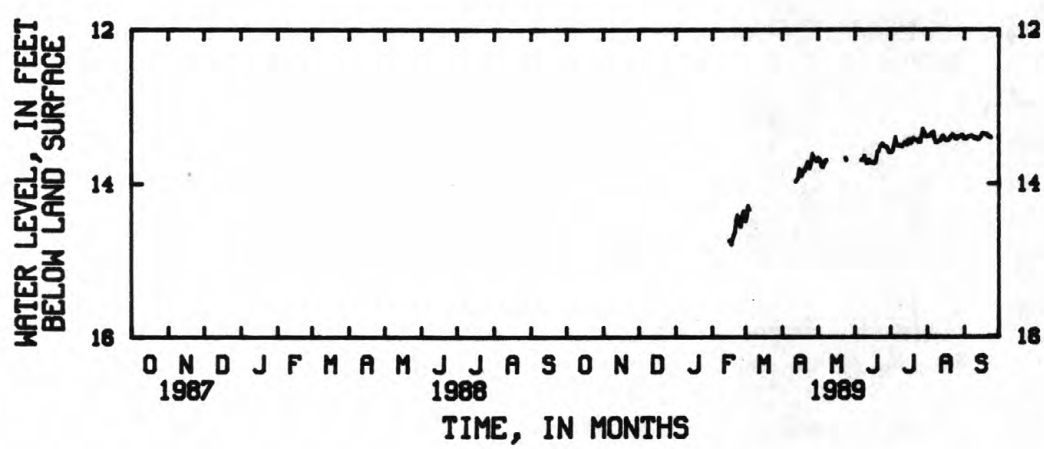


BARNWELL COUNTY

331043081185601. Local number, BW-356.
LOCATION.--Lat 33°10'43'', long 81°18'56'', Hydrologic Unit 03050207, 200 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 910 ft, 4 in 878-914, 924-929 ft, depth 929 ft, cased to 929 ft, screened interval from 914 to 924 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.82 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.29 ft below land-surface datum, July 28, 1989; lowest, 14.80 ft below land-surface datum, Feb. 17, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

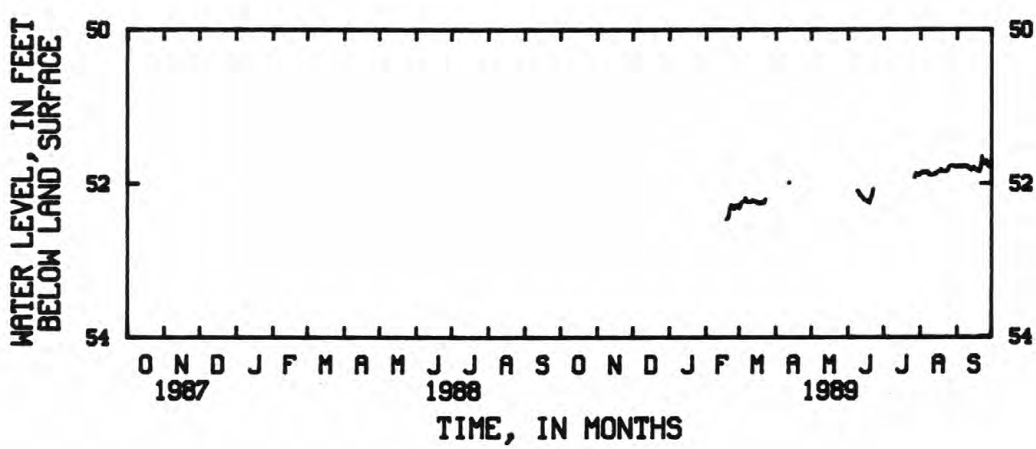
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	14.49	---	13.67	---	13.60	13.39	13.42
2	---	---	---	---	---	14.43	---	13.68	---	13.59	13.38	13.42
3	---	---	---	---	---	14.29	---	13.72	---	13.57	13.38	13.42
4	---	---	---	---	---	14.34	---	13.78	---	13.49	13.37	13.40
5	---	---	---	---	---	---	---	13.79	---	13.40	13.34	13.39
6	---	---	---	---	---	---	---	13.74	13.70	13.48	13.33	13.39
7	---	---	---	---	---	---	---	13.71	13.68	13.51	13.42	13.38
8	---	---	---	---	---	---	---	13.70	13.70	13.50	13.47	13.39
9	---	---	---	---	---	---	---	---	13.64	13.51	13.47	13.40
10	---	---	---	---	---	---	---	---	13.70	13.52	13.46	13.42
11	---	---	---	---	---	---	---	---	13.74	13.52	13.45	13.41
12	---	---	---	---	---	---	13.97	---	13.73	13.50	13.45	13.42
13	---	---	---	---	---	---	13.95	---	13.70	13.46	13.40	13.43
14	---	---	---	---	---	---	13.93	---	13.72	13.47	13.38	13.42
15	---	---	---	---	14.75	---	13.81	---	13.73	13.50	13.40	13.40
16	---	---	---	---	14.74	---	13.85	---	13.73	13.43	13.43	13.35
17	---	---	---	---	14.80	---	13.90	---	13.74	13.42	13.44	13.35
18	---	---	---	---	14.72	---	13.86	---	13.73	13.48	13.44	13.36
19	---	---	---	---	14.67	---	13.82	---	13.68	13.46	13.43	13.36
20	---	---	---	---	14.63	---	13.83	---	13.58	13.41	13.42	13.36
21	---	---	---	---	14.47	---	13.76	---	13.58	13.43	13.39	13.38
22	---	---	---	---	14.41	---	13.72	---	13.52	13.43	13.36	13.39
23	---	---	---	---	14.45	---	13.77	---	13.50	13.43	13.38	13.40
24	---	---	---	---	14.54	---	13.80	13.67	13.48	13.44	13.39	13.41
25	---	---	---	---	14.56	---	13.74	13.70	13.50	13.46	13.42	---
26	---	---	---	---	14.43	---	13.61	---	13.52	13.46	13.42	---
27	---	---	---	---	14.36	---	13.65	---	13.52	13.39	13.39	---
28	---	---	---	---	14.37	---	13.67	---	13.53	13.29	13.40	---
29	---	---	---	---	---	---	13.70	---	13.56	13.32	13.38	---
30	---	---	---	---	---	---	13.71	---	13.60	13.36	13.37	---
31	---	---	---	---	---	---	---	---	---	13.39	13.38	---
MEAN	---	---	---	---	---	---	---	---	---	13.46	13.40	---
MAX	---	---	---	---	---	---	---	---	---	13.60	13.47	---
MIN	---	---	---	---	---	---	---	---	---	13.29	13.33	---



331916081242801. Local number, BW-359.
LOCATION.--Lat 33°19'16'', long 81°24'28'', Hydrologic Unit 03050207, on logging road, aproximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi east of U.S. Highway 278.
Owner: South Carolina Water Resource Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 190 ft, 4 in 169-199, 209-214 ft, depth 214 ft, cased to 214 ft, screened interval from 199 to 209 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.57 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 51.65 ft below land-surface datum, Sept. 22, 1989; lowest, 52.47 ft below land-surface datum, Feb. 18, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

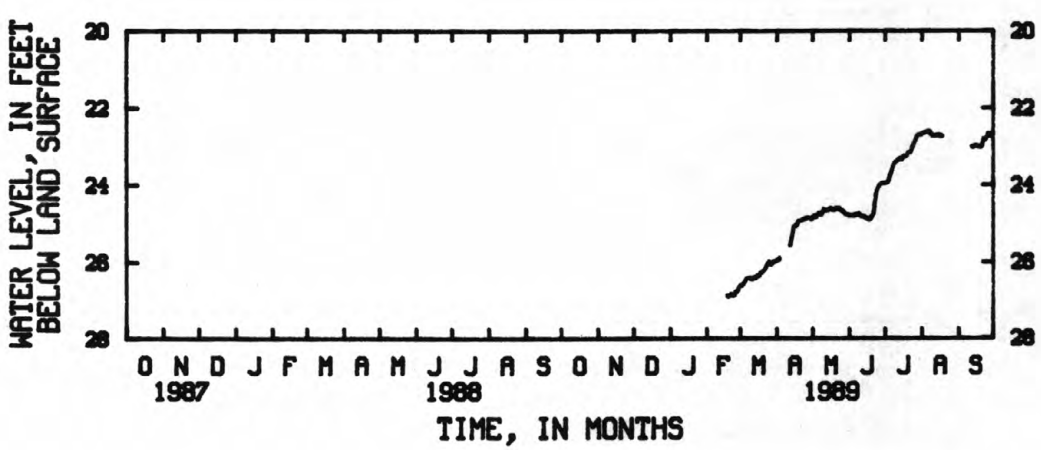
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	52.32	---	---	---	---	51.87	51.78
2	---	---	---	---	---	52.29	---	---	---	---	51.85	51.78
3	---	---	---	---	---	52.24	---	---	---	---	51.86	51.77
4	---	---	---	---	---	52.24	---	---	---	---	51.86	51.77
5	---	---	---	---	---	52.23	---	---	---	---	51.85	51.78
6	---	---	---	---	---	52.19	---	---	---	---	51.85	51.78
7	---	---	---	---	---	52.22	---	---	---	---	51.85	51.77
8	---	---	---	---	---	52.24	---	---	---	---	51.87	51.77
9	---	---	---	---	---	52.24	---	---	52.10	---	51.89	51.78
10	---	---	---	---	---	52.24	---	---	52.12	---	51.89	51.78
11	---	---	---	---	---	52.24	---	---	52.15	---	51.89	51.80
12	---	---	---	---	---	52.22	51.99	---	52.17	---	51.88	51.81
13	---	---	---	---	---	52.23	---	---	52.18	---	51.88	51.83
14	---	---	---	---	---	52.23	---	---	52.20	---	51.87	51.81
15	---	---	---	---	---	52.23	---	---	52.22	---	51.86	51.79
16	---	---	---	---	---	52.25	---	---	52.23	---	51.85	51.81
17	---	---	---	---	---	52.26	---	---	52.23	---	51.84	51.82
18	---	---	---	---	52.47	52.25	---	---	52.25	---	51.82	51.83
19	---	---	---	---	52.46	52.26	---	---	52.26	---	51.83	51.84
20	---	---	---	---	52.43	52.26	---	---	52.20	---	51.84	51.85
21	---	---	---	---	52.32	52.24	---	---	52.16	---	51.84	51.80
22	---	---	---	---	52.28	52.25	---	---	52.08	---	51.84	51.65
23	---	---	---	---	52.29	52.21	---	---	---	---	51.84	51.70
24	---	---	---	---	52.32	---	---	---	---	---	51.83	51.75
25	---	---	---	---	52.33	---	---	---	---	---	51.78	51.73
26	---	---	---	---	52.29	---	---	---	---	---	51.77	51.71
27	---	---	---	---	52.28	---	---	---	---	51.92	51.77	51.75
28	---	---	---	---	52.28	---	---	---	---	51.87	51.77	51.78
29	---	---	---	---	---	---	---	---	---	51.88	51.77	51.77
30	---	---	---	---	---	---	---	---	---	51.89	51.77	51.76
31	---	---	---	---	---	---	---	---	---	51.89	51.78	---
MEAN	---	---	---	---	---	---	---	---	---	---	51.84	51.78
MAX	---	---	---	---	---	---	---	---	---	---	51.89	51.85
MIN	---	---	---	---	---	---	---	---	---	---	51.77	51.65



331915081242801. Local number, BW-360.
LOCATION.--Lat 33°19'15'', long 81°24'28'', Hydrologic Unit 03050207, on logging road, approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi east of U.S. Highway 278.
Owner: South Carolina Water Resources Commission.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 115 ft, 4 in 92-125, 134-140 ft, depth 140 ft, cased to 140 ft, screened interval from 125 to 134 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.56 ft above land-surface datum.
PERIOD OF RECORD.--February 1989 to September 1989.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 22.60 ft below land-surface datum, Aug. 6,7, 1989; lowest, 26.92 ft below land-surface datum, Feb. 19, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	26.61	25.95	24.84	24.80	23.95	22.67	---
2	---	---	---	---	---	26.63	25.95	24.80	24.80	23.94	22.65	---
3	---	---	---	---	---	26.60	25.90	24.85	24.80	23.93	22.64	---
4	---	---	---	---	---	26.55	---	24.84	24.80	23.88	22.63	---
5	---	---	---	---	---	26.51	---	24.77	24.81	23.75	22.62	---
6	---	---	---	---	---	26.44	---	24.73	24.77	23.68	22.60	---
7	---	---	---	---	---	26.43	---	24.76	24.77	23.57	22.60	---
8	---	---	---	---	---	26.42	---	24.78	24.79	23.47	22.64	---
9	---	---	---	---	---	26.42	---	24.73	24.74	23.42	22.70	---
10	---	---	---	---	---	26.43	---	24.63	24.79	23.40	22.73	---
11	---	---	---	---	---	26.46	---	24.66	24.82	23.37	22.73	---
12	---	---	---	---	---	26.42	25.57	24.67	24.83	23.35	22.72	23.01
13	---	---	---	---	---	26.40	25.38	24.66	24.83	23.31	22.72	23.03
14	---	---	---	---	---	26.42	25.25	24.66	24.85	23.32	22.72	23.02
15	---	---	---	---	---	26.36	25.08	24.62	24.87	23.34	22.71	22.98
16	---	---	---	---	---	26.38	25.06	24.61	24.89	23.27	22.71	22.98
17	---	---	---	---	---	26.36	25.08	24.63	24.89	23.25	22.73	23.00
18	---	---	---	---	26.89	26.28	25.02	24.66	24.91	23.26	22.73	23.01
19	---	---	---	---	26.92	26.28	24.94	24.66	24.89	23.24	---	23.02
20	---	---	---	---	26.89	26.24	24.94	24.63	24.82	23.17	---	23.02
21	---	---	---	---	26.85	26.21	24.93	24.61	24.77	23.15	---	22.99
22	---	---	---	---	26.85	26.17	24.91	24.62	24.55	23.15	---	22.80
23	---	---	---	---	26.89	26.10	24.89	24.61	24.31	23.10	---	22.83
24	---	---	---	---	26.88	26.04	24.90	24.64	24.14	23.01	---	22.83
25	---	---	---	---	26.79	25.99	24.89	24.67	24.06	22.93	---	22.77
26	---	---	---	---	26.79	26.04	24.86	24.69	24.02	22.86	---	22.67
27	---	---	---	---	26.74	26.07	24.85	24.71	23.98	22.79	---	22.70
28	---	---	---	---	26.65	26.03	24.86	24.74	23.96	22.71	---	22.74
29	---	---	---	---	---	25.99	24.87	24.77	23.95	22.69	---	22.69
30	---	---	---	---	---	25.99	24.90	24.78	23.96	22.70	---	22.66
31	---	---	---	---	---	25.97	---	24.79	---	22.70	---	---
MEAN	---	---	---	---	---	26.30	---	24.70	24.61	23.28	---	---
MAX	---	---	---	---	---	26.63	---	24.85	24.91	23.95	---	---
MIN	---	---	---	---	---	25.97	---	24.61	23.95	22.69	---	---



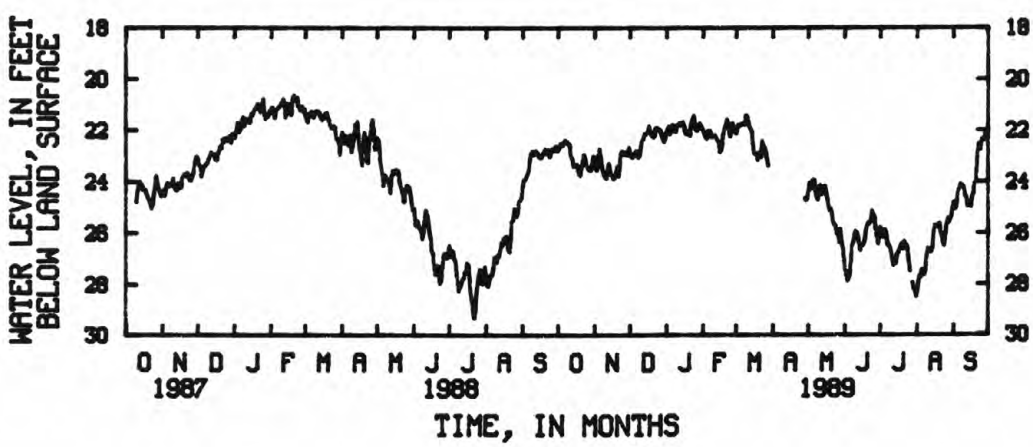
BEAUFORT COUNTY

321005080442705. Local number, BFT-101.
LOCATION.--Lat 32°10'05'', long 80°44'27'', Hydrologic Unit 03050208, 300 ft west of U.S. Highway 278, approximately 1.5 mi northeast of Sea Pines Circle, Hilton Head.
OWNER.--U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
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.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 29.34 ft below land-surface datum, July 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.78	23.06	22.91	22.07	22.04	22.12	---	24.39	27.48	25.81	28.32	24.80
2	22.69	23.46	23.04	21.96	22.16	21.92	---	24.05	27.73	25.98	27.91	25.07
3	22.53	23.57	23.07	21.84	22.30	21.79	---	24.30	27.90	26.19	27.66	25.05
4	22.50	23.16	22.97	22.15	22.35	21.83	---	24.24	27.78	25.93	27.74	24.79
5	22.58	22.72	22.89	21.94	22.05	21.80	---	23.93	27.69	25.90	27.44	24.39
6	22.43	23.03	22.81	21.79	22.08	21.72	---	23.94	27.11	26.10	27.58	24.25
7	22.39	23.40	22.99	22.02	22.04	21.72	---	24.40	26.51	26.53	27.63	24.10
8	22.46	23.66	23.06	21.90	22.29	21.78	---	24.60	26.38	26.45	27.47	24.14
9	22.46	23.81	22.98	22.05	22.24	21.43	---	24.73	26.04	26.59	26.93	24.18
10	22.54	23.85	22.66	21.79	22.26	21.44	---	24.34	25.94	26.76	26.60	24.29
11	22.58	23.90	22.40	21.80	22.22	21.65	---	24.16	25.99	27.16	26.65	24.59
12	23.01	23.55	22.37	21.70	22.33	21.86	---	24.52	26.16	27.29	26.71	24.59
13	23.12	23.31	22.13	21.81	22.41	21.97	---	24.35	26.37	27.17	26.75	24.97
14	23.42	23.57	22.18	21.77	22.46	22.05	---	24.26	26.69	27.21	26.58	24.84
15	23.35	23.74	22.12	21.69	22.87	22.58	---	24.18	---	26.82	25.97	24.81
16	23.39	23.78	22.07	21.87	22.80	22.91	---	24.45	26.51	26.80	25.70	24.99
17	23.34	23.91	21.84	22.15	22.61	22.96	---	24.64	26.40	26.67	25.78	24.56
18	23.60	23.85	22.02	22.05	22.17	22.93	---	24.96	26.25	26.51	25.73	24.48
19	23.72	23.71	22.16	22.16	21.89	23.18	---	25.15	25.87	26.41	25.65	24.04
20	23.78	23.44	22.22	22.13	21.78	22.89	---	25.08	25.63	26.64	25.63	24.01
21	23.48	23.79	22.28	22.22	21.58	23.05	---	25.26	25.66	26.34	25.99	23.18
22	23.20	23.53	22.23	21.77	21.69	23.05	---	25.61	25.63	26.47	26.17	22.52
23	22.94	22.88	21.92	21.54	22.03	22.44	---	25.72	25.48	26.49	26.43	22.74
24	23.09	22.81	21.91	21.44	22.24	22.63	---	25.74	25.14	26.65	26.51	22.76
25	23.40	22.87	21.96	21.86	21.93	22.68	---	26.05	25.32	27.14	26.05	22.32
26	23.42	22.95	21.99	21.99	21.74	22.88	---	25.95	25.38	27.50	25.74	22.41
27	23.53	22.86	22.01	22.01	22.06	23.14	---	26.39	25.86	---	25.43	22.37
28	23.58	22.95	22.20	21.79	22.08	23.40	24.67	25.88	26.17	27.95	25.60	22.10
29	23.57	22.96	22.38	21.74	---	---	24.74	26.27	26.45	28.23	25.48	22.21
30	23.28	22.68	22.46	21.83	---	---	24.71	26.57	26.18	28.21	25.38	22.37
31	23.01	---	22.33	21.93	---	---	---	26.98	---	28.50	25.04	---
MEAN	23.07	23.36	22.41	21.90	22.17	---	---	25.00	---	---	26.46	23.86
MAX	23.78	23.91	23.07	22.22	22.87	---	---	26.98	---	---	28.32	25.07
MIN	22.39	22.68	21.84	21.44	21.58	---	---	23.93	---	---	25.04	22.10

CAL YR 1988 TOTAL 8642.04 MEAN 23.61 HIGH 20.64 LOW 29.34

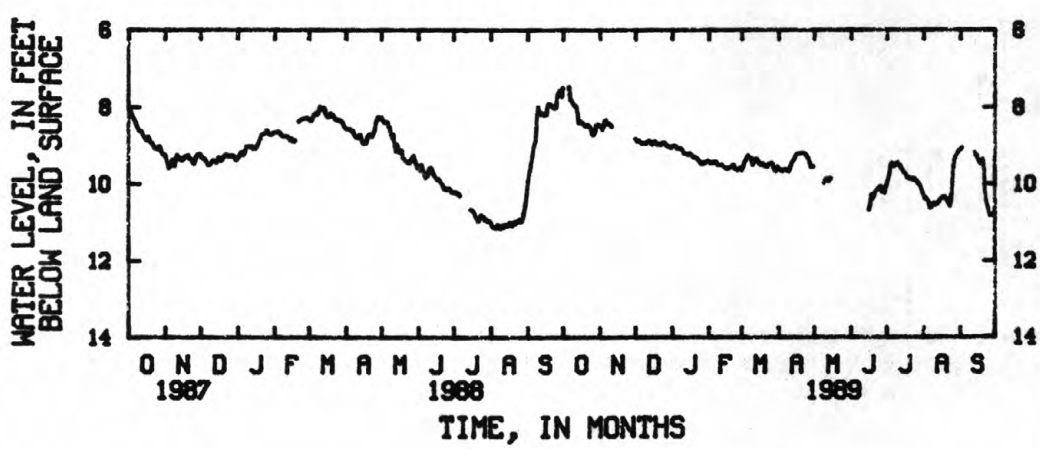


BEAUFORT COUNTY

322745080435800. Local number, BFT-121.
LOCATION.--Lat 32°27'48''(Revised), long 80°44'05''(Revised), Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance, 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Highway 21.
Owner: U.S. Marine Corp.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.
INSTRUMENTATION.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface.
REMARKS.--Water-quality data available in District files.
PERIOD OF RECORD.--July 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 5.84 ft below land-surface datum, April 5, 1980; lowest, 11.83 ft below land-surface datum June 6, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.49	8.48	8.83	9.04	9.43	9.65	9.61	---	---	10.00	10.33	9.11
2	---	8.52	8.89	9.02	9.46	9.58	9.65	---	---	9.88	10.42	9.07
3	---	8.58	8.90	9.02	9.45	9.44	9.66	---	---	9.78	10.39	---
4	---	8.51	8.88	9.03	9.46	9.40	9.68	---	---	9.53	10.43	---
5	---	8.35	8.92	9.08	9.45	9.34	9.65	---	---	9.46	10.48	---
6	7.47	8.34	8.96	9.09	9.44	9.27	9.64	---	---	9.49	10.65	---
7	7.83	8.43	8.94	9.09	9.44	---	9.64	---	---	9.55	10.55	---
8	7.83	8.44	8.95	9.09	9.49	---	9.65	---	---	9.51	10.62	---
9	7.89	8.44	8.95	9.11	9.52	9.34	9.69	9.99	---	9.49	10.57	---
10	7.95	8.47	8.95	9.15	---	9.51	9.65	9.91	---	9.45	10.52	---
11	7.97	8.52	8.92	9.22	---	9.44	9.54	9.87	---	9.52	10.56	---
12	7.99	---	8.88	9.22	9.52	9.38	9.45	9.93	---	9.52	10.52	---
13	8.15	---	8.89	9.22	---	9.36	9.40	9.94	---	9.59	10.53	9.18
14	8.42	---	8.94	9.25	---	9.37	9.36	9.87	---	9.66	10.49	9.28
15	8.43	---	8.97	9.23	9.59	9.45	9.28	9.87	---	9.70	10.41	9.27
16	8.38	---	8.95	9.21	9.62	9.48	9.23	---	10.69	9.73	10.39	9.39
17	8.41	---	8.90	9.26	9.62	9.51	9.23	---	10.55	9.77	10.35	9.47
18	8.45	---	8.92	9.28	9.59	9.48	9.21	---	10.29	9.86	10.39	9.49
19	8.48	---	8.96	9.32	9.58	9.49	9.21	---	10.41	9.87	10.35	9.41
20	8.51	---	8.98	9.31	9.57	9.55	9.20	---	10.35	9.85	10.39	9.37
21	8.49	---	8.97	9.34	9.53	9.54	9.20	---	10.23	9.89	10.44	9.68
22	8.48	---	8.98	9.35	9.51	9.57	9.21	---	10.19	9.88	10.52	10.30
23	8.52	---	8.98	9.39	9.61	9.53	9.22	---	10.17	9.91	10.60	10.49
24	8.55	---	8.94	9.42	9.63	9.48	9.25	---	10.10	9.87	10.48	10.59
25	8.69	---	8.93	9.48	9.66	9.47	9.30	---	10.08	9.93	10.01	10.76
26	8.73	---	8.96	9.48	9.62	9.46	9.35	---	10.08	9.94	9.57	10.85
27	8.73	---	9.00	9.45	9.60	9.50	9.45	---	10.22	10.01	9.37	10.82
28	8.63	---	9.03	9.47	9.62	9.63	9.57	---	10.20	10.00	9.28	10.84
29	8.47	---	9.03	9.46	---	9.69	9.55	---	10.25	10.07	9.21	10.79
30	8.45	---	9.06	9.43	---	9.66	9.56	---	10.10	10.15	9.18	10.77
31	8.48	---	9.07	9.41	---	9.57	---	---	---	10.25	9.12	---
MEAN	---	---	8.95	9.26	---	---	9.44	---	---	9.78	10.23	---
MAX	---	---	9.07	9.48	---	---	9.69	---	---	10.25	10.65	---
MIN	---	---	8.83	9.02	---	---	9.20	---	---	9.45	9.12	---

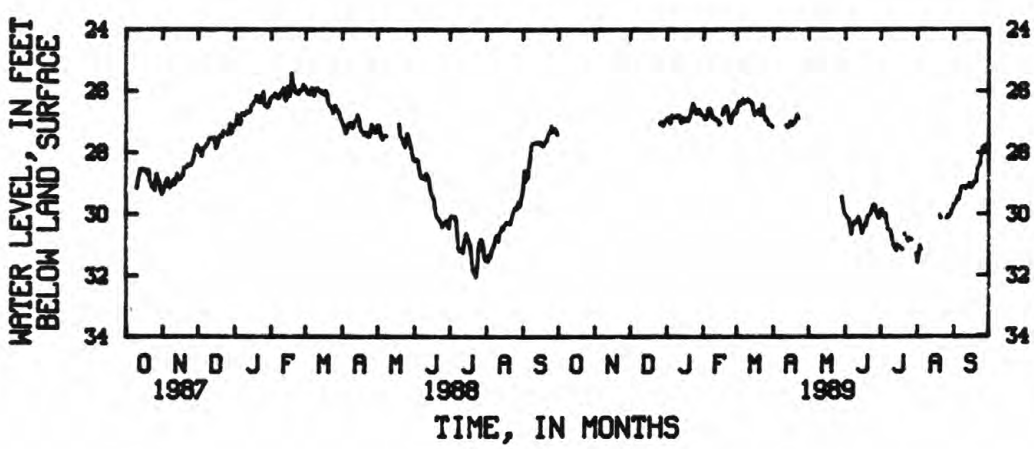


BEAUFORT COUNTY

320846080502203. Local number, BFT-304.
LOCATION.--Lat 32°08'46'', long 80°50'22'', Hydrologic Unit 03050208, 300 ft south of Marsh at Haig Point, near the northern tip of Daufuskie Island.
OWNER.--U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
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 lands-surface datum.
REMARKS.-- Also known as TW3 PT2. Electric log available in District files. Water-level affected by tidal fluctuations. Water-quality data available in District files. Multiple sampling points. Original depth is 746 ft. Cement plug from 619 to 649 ft; gravel filled from 649 to 706 ft; cement plug from 706 to 746 ft.
PERIOD OF RECORD.--October 1983 to current year. Record from Dec. 1958 to Sept. 1983 are unpublished but are available in District files.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.20 ft below land-surface datum, Feb. 7, 1985; lowest, 32.12 ft below land-surface datum, July 26, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	26.89	26.81	26.67	---	---	30.03	29.88	31.60	29.68
2	---	---	---	26.87	26.91	26.44	---	---	30.10	29.86	31.35	29.67
3	---	---	---	26.89	26.92	26.34	---	---	30.16	30.03	31.04	29.63
4	---	---	---	27.05	26.86	26.46	---	---	30.18	30.07	31.17	29.46
5	---	---	---	26.80	26.57	26.40	---	---	30.41	30.02	---	29.54
6	---	---	---	26.81	26.57	26.27	---	---	30.67	30.31	---	29.38
7	---	---	---	26.86	26.61	26.39	---	---	30.44	30.51	---	29.17
8	---	---	---	26.83	26.80	26.35	---	---	30.31	---	---	29.10
9	---	---	---	26.85	26.89	26.34	---	---	30.27	30.56	---	29.13
10	---	---	---	26.79	26.92	26.28	---	---	30.30	30.70	---	29.11
11	---	---	---	26.80	26.91	26.30	---	---	30.22	30.95	---	29.18
12	---	---	---	26.82	26.95	26.34	27.15	---	30.12	31.06	---	29.13
13	---	---	---	27.04	26.96	26.37	27.19	---	30.24	31.14	---	29.10
14	---	---	---	26.88	27.09	26.42	27.18	---	30.39	31.21	---	29.01
15	---	---	---	26.89	27.06	26.64	27.01	---	30.64	31.02	---	29.07
16	---	---	---	26.98	---	26.79	27.01	---	30.48	---	---	29.15
17	---	---	---	26.90	26.77	26.71	27.12	---	30.42	31.09	---	29.08
18	---	---	---	26.90	26.58	26.74	27.05	---	30.40	---	---	28.97
19	---	---	---	26.96	26.53	26.67	27.03	---	30.24	31.17	---	28.97
20	---	---	---	26.85	26.49	26.61	26.92	---	30.06	---	30.05	28.95
21	---	---	---	26.73	26.54	26.78	26.79	---	30.06	30.67	30.14	28.52
22	---	---	---	26.56	26.79	26.66	26.89	---	30.00	---	---	28.45
23	---	---	---	26.41	27.01	26.45	---	---	29.89	30.81	---	28.39
24	---	---	---	26.51	27.05	26.82	---	---	29.76	30.89	---	28.11
25	---	---	---	26.67	26.86	26.94	---	---	29.70	30.80	---	27.84
26	---	---	27.06	26.74	26.75	26.91	---	---	29.72	---	30.14	27.97
27	---	---	27.01	26.72	26.66	27.00	---	---	29.94	30.85	30.05	27.79
28	---	---	27.08	26.62	26.73	27.10	---	---	30.04	---	30.09	27.76
29	---	---	27.14	26.67	---	27.11	---	29.46	30.15	---	30.02	27.81
30	---	---	27.02	26.77	---	27.15	---	29.77	30.08	---	29.88	27.81
31	---	---	26.95	26.80	---	27.18	---	29.99	---	31.31	29.83	---
MEAN	---	---	---	26.80	---	26.63	---	---	30.18	---	---	28.83
MAX	---	---	---	27.05	---	27.18	---	---	30.67	---	---	29.68
MIN	---	---	---	26.41	---	26.27	---	---	29.70	---	---	27.76



BEAUFORT COUNTY

321558080431302. Local number, BFT-315, USGS TW 8 Point 1.
LOCATION.--Lat 32°15'54''(revised), long 80°43'15''(revised), Hydrologic Unit 03050208, Hilton Head, SC.
OWNER: U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--2 inch steel pipe extends 483 ft into bottom interval of multi-depth drilled observation well, diameter 10 in., total depth 510 ft, cased to 150 ft, cement plug between 410 ft and 450 ft. Bottom interval of open hole is 450 to 510 ft.
INSTRUMENTATION.--Intermitted measurement with chalked tape by USGS personnel.
DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (from Topographic Map). Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.
REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.
PERIOD OF RECORDS.--April 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.15 ft below land-surface datum, Nov. 29, 1962; lowest measured, 20.14 ft below land-surface datum, Aug. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1988

DATE	WATER LEVEL
10/26/87	16.88
12/09/87	17.27
01/28/88	18.32
03/15/88	17.84
05/06/88	17.36
06/28/88	19.68
08/12/88	18.69
09/27/88	17.48

BEAUFORT COUNTY

321558080431303. Local number, BFT-315, USGS TW 8 Point 2.
LOCATION.--Lat 32°15'54'', long 80°43'15'', Hydrologic Unit 03050208, Hilton Head, SC.
OWNER: U.S. Geological Survey.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--2 inch steel pipe extends 190 ft into top interval of multi-depth drilled observation well, diameter 10 in., total depth 410 ft, cased to 150 ft. Top interval of open hole is 150 to 410 ft.
INSTRUMENTATION.--Intermitted measurement with chalked tape by USGS personnel.
DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum 1929 (from Topographic Map). Measuring point is aperture of 2 in steel pipe, 1.95 ft above land-surface datum.
REMARKS.--Original depth of 795 ft cement plugged from 410 to 450, 510 to 540 ft. Sand and gravel filled from 540 to 795 ft. Well also sampled for water quality.
PERIOD OF RECORDS.--April 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.10 ft below land-surface datum, Nov. 29, 1962; lowest measured, 19.85 ft below land-surface datum, June 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1988

DATE	WATER LEVEL
10/26/87	17.14
01/28/88	17.55
03/15/88	17.26
05/06/88	16.42
06/28/88	18.94
08/12/88	17.36
09/27/88	16.32

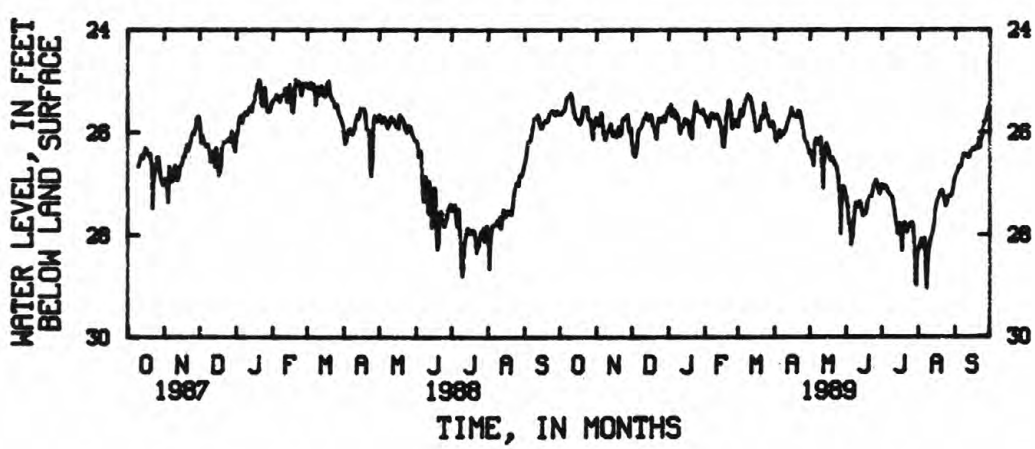
BEAUFORT COUNTY

321551080491003. Local number, BFT-429.
LOCATION.--Lat 32°15'51'', long 80°49'10'', Hydrologic Unit 03050208, 1.6 mi northwest on County Road 744, 2 mi southwest of Foot Point Plantation at Victoria Bluff, and 7.7 mi southeast on U.S. Highway 278 from intersection with State Highway 170.
Owner: South Carolina Wildlife and Marine Resources 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, 29.05 ft below land-surface datum, Aug. 8, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.63	25.71	26.22	25.52	25.68	25.89	26.11	26.36	27.28	27.03	28.30	26.85
2	25.63	25.84	26.43	25.55	25.77	25.70	26.18	26.42	27.44	27.04	28.17	26.81
3	25.61	25.86	26.46	25.46	25.84	25.56	26.11	26.55	27.78	27.09	28.08	26.76
4	25.59	25.77	26.47	25.68	25.90	25.69	26.08	26.65	27.80	27.06	28.25	26.66
5	25.54	25.62	26.31	25.65	25.76	25.65	25.97	26.25	28.20	27.08	28.08	26.69
6	25.43	25.83	26.04	25.56	25.64	25.48	26.10	26.12	28.05	27.16	28.07	26.65
7	25.32	26.03	25.95	25.72	25.63	25.41	26.05	26.20	27.76	27.19	28.53	26.53
8	25.31	26.14	25.93	25.64	25.65	25.34	26.04	26.23	27.54	27.23	29.05	26.43
9	25.28	26.14	25.88	25.72	25.72	25.26	25.99	26.17	27.37	27.25	28.44	26.42
10	25.24	25.99	25.81	25.93	25.70	25.29	25.97	26.10	27.45	27.31	28.24	26.42
11	25.29	25.98	25.72	26.02	25.65	25.31	25.89	26.57	27.46	27.49	28.11	26.46
12	25.45	25.93	25.69	25.89	25.71	25.39	25.80	27.09	27.35	27.66	28.02	26.49
13	25.63	25.84	25.63	25.90	25.77	25.51	25.72	26.54	27.38	27.78	27.95	26.48
14	25.71	25.97	25.74	25.83	25.87	25.62	25.66	26.37	27.54	27.99	27.80	26.37
15	25.74	26.07	25.75	25.74	26.02	25.81	25.52	26.22	27.63	27.90	27.53	26.36
16	25.78	26.01	25.70	25.82	26.28	25.99	25.59	26.30	27.60	27.79	27.40	26.31
17	25.83	25.99	25.66	25.77	26.29	25.93	25.67	26.38	27.59	28.00	27.30	26.34
18	25.84	26.09	25.80	25.80	26.02	25.93	25.68	26.53	27.50	28.32	27.26	26.30
19	25.79	25.99	25.88	26.04	25.69	25.95	25.68	26.56	27.36	27.80	27.18	26.27
20	25.69	25.90	25.95	26.09	25.53	25.76	25.70	26.50	27.26	27.76	27.14	26.32
21	25.51	26.06	26.11	26.12	25.38	25.68	25.58	26.55	27.24	27.86	27.13	26.11
22	25.54	26.03	26.13	25.76	25.41	25.72	25.60	26.64	27.25	27.95	27.24	26.30
23	25.54	25.74	25.85	25.46	25.62	25.43	25.70	26.64	27.15	27.87	27.34	26.15
24	25.51	25.71	25.72	25.41	25.93	25.53	25.82	26.74	27.04	27.81	27.44	26.07
25	25.72	25.74	25.74	25.49	25.89	25.65	25.97	26.85	26.97	27.78	27.37	25.78
26	25.75	25.68	25.79	25.58	25.77	25.69	26.13	27.29	26.93	27.76	27.26	25.83
27	25.76	25.65	25.70	25.59	25.77	25.81	26.19	27.99	27.00	27.80	27.24	25.77
28	26.02	25.83	25.68	25.62	25.82	25.88	26.20	27.33	27.12	28.05	27.25	25.58
29	26.13	26.00	25.78	25.60	---	25.88	26.29	27.05	27.20	28.94	27.21	25.51
30	25.87	25.92	25.67	25.56	---	25.80	26.42	27.07	27.12	28.99	27.09	25.55
31	25.78	---	25.59	25.66	---	25.86	---	27.19	---	28.34	26.96	---
MEAN	25.63	25.90	25.90	25.72	25.78	25.66	25.91	26.63	27.41	27.71	27.69	26.29
MAX	26.13	26.14	26.47	26.12	26.29	25.99	26.42	27.99	28.20	28.99	29.05	26.85
MIN	25.24	25.62	25.59	25.41	25.38	25.26	25.52	26.10	26.93	27.03	26.96	25.51

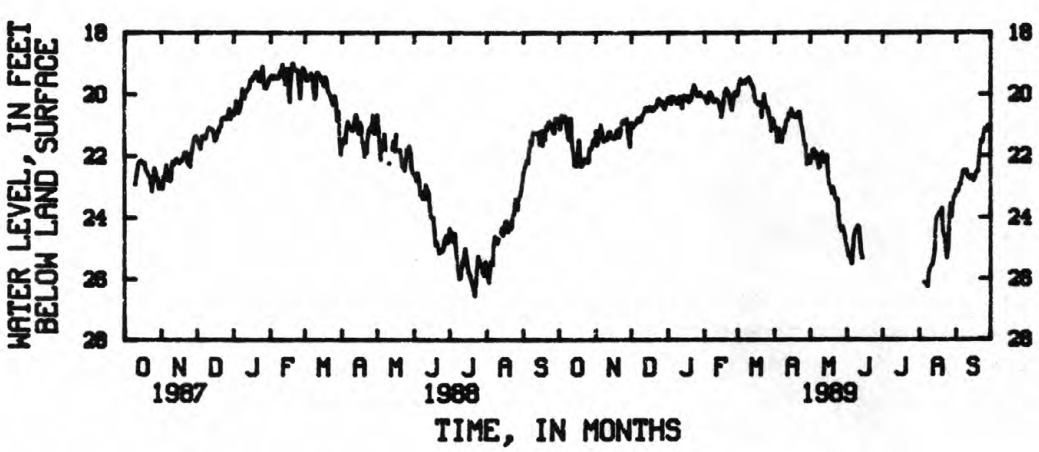
CAL YR 1988 TOTAL 9575.52 MEAN 26.16 HIGH 24.96 LOW 28.83
WTR YR 1989 TOTAL 9619.89 MEAN 26.36 HIGH 25.24 LOW 29.05



320910080472001. Local number, BFT-439.
LOCATION.--Lat 32°09'10'', long 80°47'20'', Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation, on Hilton Head Island.
Owner: Sea Pines Plantation.
AQUIFER.--Ocala Limestone.
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 casing, at land-surface.
REMARKS.--Gamma log available in District files. Water-quality data available in District files.
PERIOD OF RECORD.--October 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 15.32 ft below land-surface datum, Feb. 28, Mar. 17, 1983; lowest, 30.22 ft below land-surface datum, Aug. 9, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.97	21.18	20.93	20.12	20.08	19.98	21.08	22.26	25.02	---	---	23.13
2	21.12	21.66	21.09	20.19	20.20	19.68	21.08	21.96	25.28	---	---	23.18
3	20.67	21.56	21.02	20.08	20.29	19.51	21.55	21.83	25.22	---	---	23.11
4	20.88	21.37	20.98	20.31	20.27	19.65	21.55	21.80	25.37	---	---	22.92
5	20.73	20.99	20.93	20.11	19.95	19.61	21.13	22.10	25.53	---	26.14	22.93
6	20.71	21.21	20.82	20.09	19.95	19.60	21.29	21.91	25.07	---	26.16	22.72
7	20.76	21.42	20.76	20.21	20.02	19.64	21.57	22.07	24.53	---	26.23	22.50
8	21.14	21.53	20.87	20.23	20.17	19.52	21.30	22.42	24.45	---	26.29	22.47
9	21.48	21.42	20.86	20.31	20.26	19.53	21.25	22.39	24.35	---	25.79	22.51
10	21.44	21.41	20.71	20.16	20.22	19.46	21.07	22.07	24.28	---	25.66	22.48
11	20.79	21.46	20.64	20.09	20.18	19.52	20.86	21.90	24.32	---	25.58	22.66
12	21.62	21.24	20.54	20.10	20.22	19.64	20.85	22.22	24.75	---	25.56	22.72
13	21.92	21.22	20.43	20.46	20.28	19.70	20.62	22.18	25.14	---	25.37	22.76
14	22.34	21.40	20.51	20.09	20.46	19.82	20.71	22.08	25.34	---	25.08	22.66
15	22.33	21.42	20.54	20.04	20.75	20.09	20.48	22.00	---	---	24.09	22.76
16	22.35	21.42	20.47	20.20	20.52	20.27	20.57	22.56	---	---	23.96	22.82
17	22.04	21.44	20.40	20.13	20.30	20.26	20.73	22.97	---	---	23.87	22.72
18	21.49	21.40	20.46	20.07	19.92	20.34	20.67	23.03	---	---	23.84	22.58
19	22.14	21.16	20.53	20.25	19.81	20.35	20.75	23.24	---	---	23.84	22.52
20	22.36	21.13	20.50	20.20	19.86	20.29	20.72	23.05	---	---	23.72	22.51
21	22.29	21.39	20.40	20.11	19.95	20.75	20.60	23.22	---	---	24.48	21.91
22	22.22	21.24	20.41	19.85	20.10	20.39	20.59	23.40	---	---	24.62	21.50
23	22.12	20.88	20.22	19.70	20.31	20.01	20.94	23.45	---	---	24.99	21.58
24	22.19	20.83	20.15	19.79	20.51	20.32	21.08	23.43	---	---	25.35	21.48
25	22.21	20.94	20.22	19.96	20.25	20.43	21.29	23.97	---	---	25.10	21.12
26	22.20	20.89	20.34	20.06	19.99	20.45	21.65	24.32	---	---	24.42	21.23
27	21.77	20.80	20.25	20.06	19.94	20.61	21.65	24.45	---	---	23.56	21.15
28	21.78	21.07	20.35	19.96	20.04	20.81	22.31	24.31	---	---	24.00	21.02
29	21.68	21.51	20.48	20.00	---	21.22	21.99	24.44	---	---	23.57	21.10
30	21.47	21.71	20.37	20.05	---	20.80	22.03	24.61	---	---	23.35	21.20
31	21.62	---	20.27	20.10	---	20.85	---	24.88	---	---	23.31	---
MEAN	21.64	21.28	20.56	20.10	20.17	20.10	21.13	22.92	---	---	---	22.26
MAX	22.36	21.71	21.09	20.46	20.75	21.22	22.31	24.88	---	---	---	23.18
MIN	20.67	20.80	20.15	19.70	19.81	19.46	20.48	21.80	---	---	---	21.02



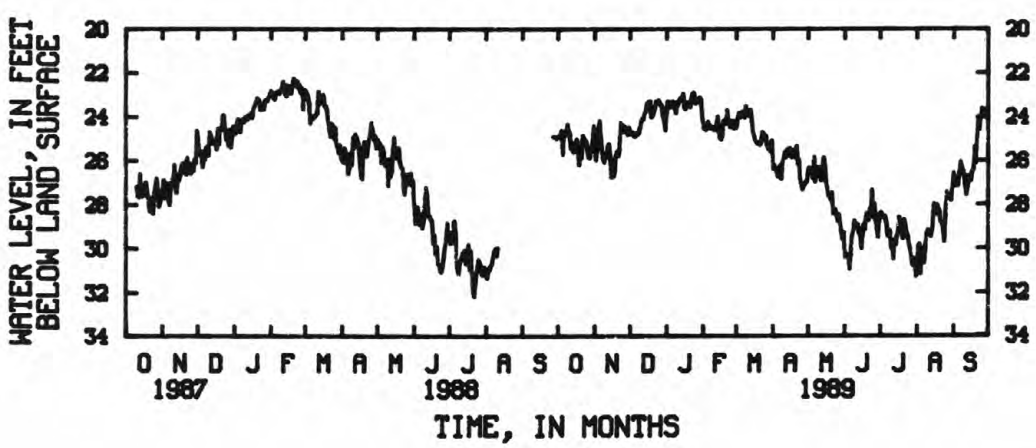
BEAUFORT COUNTY

321125080423000. Local number, BFT-444.
LOCATION.--Lat 32°10'35''(Revised), long 80°43'37''(Revised), Hydrologic Unit 03050208, 0.1 mi from US Highway 278 at entrance of Palmetto Dunes, 110 ft off Queen Ferry Rd, and approximately 200 ft north of the water tower on Hilton Head Island.
Owner: Palmetto Dunes Development Corp.
AQUIFER.--Ocala Limestone.
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 recorded, 32.20 ft below land-surface datum, July 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.91	24.63	24.80	23.87	24.55	24.51	26.44	26.40	30.44	28.43	31.16	26.57
2	24.85	26.02	24.72	23.29	24.60	24.10	26.22	26.33	30.25	28.38	29.89	27.20
3	24.81	25.63	24.72	23.45	24.64	23.81	26.39	26.54	30.34	28.59	29.80	26.93
4	24.64	24.87	24.84	23.57	24.58	24.04	26.51	26.54	30.42	28.61	31.19	26.84
5	25.74	24.17	24.92	23.32	24.23	23.88	26.76	26.83	30.99	28.56	30.01	27.16
6	24.93	24.85	24.77	23.29	24.53	23.78	26.38	25.83	30.35	28.82	30.41	26.54
7	24.67	25.40	24.79	23.56	24.42	23.96	26.24	27.00	29.47	29.49	30.69	26.06
8	24.81	25.95	24.78	23.38	24.56	24.04	26.86	26.52	29.21	29.40	30.09	26.28
9	24.35	26.12	24.54	23.83	24.57	23.51	26.07	26.72	28.75	29.22	29.33	26.47
10	24.66	25.91	24.31	23.34	24.62	23.81	25.92	26.32	28.94	30.04	29.18	26.69
11	24.73	25.82	24.09	23.42	24.47	23.93	25.61	26.69	28.93	29.72	29.40	27.10
12	25.48	25.36	24.10	23.15	24.62	23.94	25.87	26.92	28.93	30.53	29.32	27.60
13	25.18	25.25	23.84	23.17	23.98	23.71	25.49	26.56	29.37	29.62	29.47	27.25
14	25.64	25.73	23.78	23.18	24.69	24.23	25.55	25.86	29.32	29.85	29.07	26.71
15	25.54	26.78	23.37	22.94	25.01	24.72	25.42	26.14	30.05	29.47	27.96	26.95
16	25.33	26.55	23.48	23.60	25.05	24.89	25.82	27.01	29.38	29.32	28.29	26.93
17	25.04	26.72	23.29	23.65	24.88	25.13	25.87	27.25	28.93	28.57	28.48	26.49
18	25.84	26.51	23.29	23.37	24.21	25.19	25.53	27.64	29.14	28.93	28.03	26.43
19	26.21	25.80	24.04	23.44	24.13	25.27	25.84	27.63	28.42	29.14	28.20	25.37
20	25.67	25.58	23.94	23.49	24.32	25.20	25.87	27.82	28.45	29.58	28.29	26.14
21	25.88	25.79	23.73	23.55	23.70	25.31	25.34	27.48	28.74	28.70	28.81	24.96
22	24.82	25.51	23.63	23.11	24.09	25.20	26.19	28.45	28.20	28.94	28.88	24.06
23	24.96	24.26	23.30	22.91	24.29	24.70	26.00	28.25	28.33	29.32	29.00	24.62
24	25.26	24.42	23.32	22.90	24.50	24.77	26.87	28.25	27.34	29.42	29.74	24.10
25	25.12	24.71	23.24	23.38	24.44	24.86	27.14	28.55	28.62	29.79	28.57	23.63
26	25.51	24.42	23.31	23.38	24.19	24.90	27.35	28.81	28.00	30.05	27.43	23.90
27	25.87	24.56	23.45	23.31	24.55	25.38	27.20	28.49	28.71	30.45	27.58	23.88
28	25.89	24.55	23.50	23.24	24.32	25.52	27.14	28.90	29.18	30.81	27.75	23.68
29	25.45	24.83	24.06	23.13	---	25.43	26.95	29.27	29.53	30.49	27.79	23.79
30	25.33	24.50	24.20	23.20	---	25.64	26.97	29.63	28.81	30.78	27.84	24.13
31	24.41	---	24.64	24.14	---	25.11	---	29.31	---	31.31	27.24	---
MEAN	25.21	25.37	24.03	23.37	24.45	24.60	26.26	27.42	29.18	29.49	29.00	25.82
MAX	26.21	26.78	24.92	24.14	25.05	25.64	27.35	29.63	30.99	31.31	31.19	27.60
MIN	24.35	24.17	23.24	22.90	23.70	23.51	25.34	25.83	27.34	28.38	27.24	23.63

WTR YR 1989 TOTAL 9560.26 MEAN 26.19 HIGH 22.90 LOW 31.31

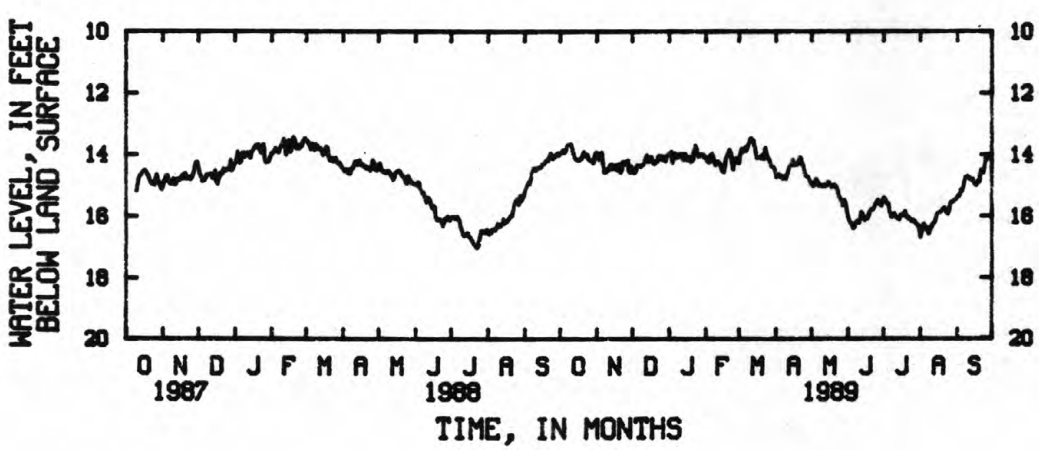


321459080420101. Local number, BFT-786.
LOCATION.--Lat 32°14'53''(Revised), long 80°41'55''(Revised), Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at the end of State Road 335.
Owner: Town of Hilton Head.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled 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, 0.70 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files. 1977 Water-quality data available in District files.
PERIOD OF RECORD.--December 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 8.83 ft below land-surface datum, May 18, 1980; lowest, 17.14 ft below land-surface datum, July 17, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.95	13.94	14.49	13.95	14.10	14.28	14.75	14.91	16.06	15.40	16.70	15.35
2	13.92	14.12	14.61	13.97	14.22	14.01	14.69	15.04	16.20	15.44	16.54	15.36
3	13.86	14.17	14.59	13.90	14.25	13.81	14.65	15.03	16.24	15.54	16.33	15.34
4	13.92	14.02	14.54	14.27	14.26	13.93	14.73	14.92	16.29	15.58	16.28	15.16
5	13.91	13.94	14.35	14.07	14.03	13.89	14.70	14.80	16.41	15.62	16.42	15.20
6	13.85	14.31	14.35	13.97	13.99	13.77	14.80	14.88	16.40	15.88	16.44	15.08
7	13.71	14.59	14.36	14.11	14.05	13.87	14.80	15.04	16.26	16.04	16.41	14.87
8	13.68	14.59	14.39	14.06	14.25	13.78	14.72	15.02	16.20	16.05	16.58	14.74
9	13.68	14.57	14.36	14.08	14.35	13.66	14.81	15.01	16.18	15.99	16.46	14.74
10	13.66	14.47	14.32	14.00	14.28	13.51	14.68	15.07	16.23	15.93	16.38	14.70
11	13.74	14.51	14.26	14.03	14.24	13.48	14.55	15.04	16.09	16.04	16.31	14.76
12	13.95	14.36	14.09	13.98	14.30	13.52	14.41	15.00	15.88	16.06	16.25	14.83
13	14.08	14.33	14.02	14.18	14.32	13.55	14.36	15.05	15.94	16.07	16.22	14.81
14	14.16	14.48	14.17	14.05	14.46	13.72	14.36	15.01	16.09	16.13	16.06	14.81
15	14.18	14.46	14.24	14.00	14.56	13.96	14.17	14.90	16.14	16.03	15.93	14.90
16	14.16	14.36	14.11	14.18	14.58	14.14	14.24	14.94	16.07	15.97	15.89	14.98
17	14.19	14.48	14.09	14.10	14.36	14.10	14.36	15.01	16.08	15.98	15.88	15.01
18	14.15	14.51	14.20	14.10	14.11	14.11	14.33	15.07	16.01	15.95	15.88	14.92
19	14.15	14.32	14.31	14.24	14.01	14.13	14.33	15.06	15.86	15.86	15.82	14.87
20	14.01	14.32	14.30	14.21	13.92	14.03	14.29	15.01	15.78	16.04	15.77	14.89
21	13.92	14.60	14.23	14.18	13.86	14.13	14.09	15.04	15.80	16.04	15.73	14.51
22	14.04	14.50	14.23	13.90	13.96	14.15	14.13	15.09	15.79	16.10	15.81	14.51
23	14.01	14.25	14.05	13.71	14.24	13.79	14.31	15.19	15.70	16.12	15.89	14.60
24	14.01	14.25	14.03	13.81	14.49	13.98	14.38	15.38	15.61	16.13	15.93	14.43
25	14.17	14.31	14.13	13.99	14.30	14.12	14.54	15.42	15.54	16.19	15.82	14.09
26	14.20	14.25	14.16	14.06	14.15	14.17	14.71	15.50	15.48	16.16	15.59	14.19
27	14.20	14.20	14.06	14.06	14.13	14.30	14.73	15.67	15.57	16.19	15.53	14.14
28	14.25	14.54	14.10	14.00	14.25	14.39	14.74	15.57	15.63	16.24	15.54	14.02
29	14.28	14.60	14.22	14.01	---	14.41	14.86	15.51	15.67	16.31	15.51	14.02
30	14.11	14.40	14.08	14.02	---	14.43	14.98	15.69	15.50	16.32	15.46	14.06
31	13.94	---	14.00	14.12	---	14.50	---	15.88	---	16.48	15.45	---
MEAN	14.00	14.36	14.24	14.04	14.21	13.99	14.54	15.15	15.96	16.00	16.03	14.73
MAX	14.28	14.60	14.61	14.27	14.58	14.50	14.98	15.88	16.41	16.48	16.70	15.36
MIN	13.66	13.94	14.00	13.71	13.86	13.48	14.09	14.80	15.48	15.40	15.45	14.02

CAL YR 1988 TOTAL 5371.56 MEAN 14.68 HIGH 13.44 LOW 17.04
WTR YR 1989 TOTAL 5392.41 MEAN 14.77 HIGH 13.48 LOW 16.70

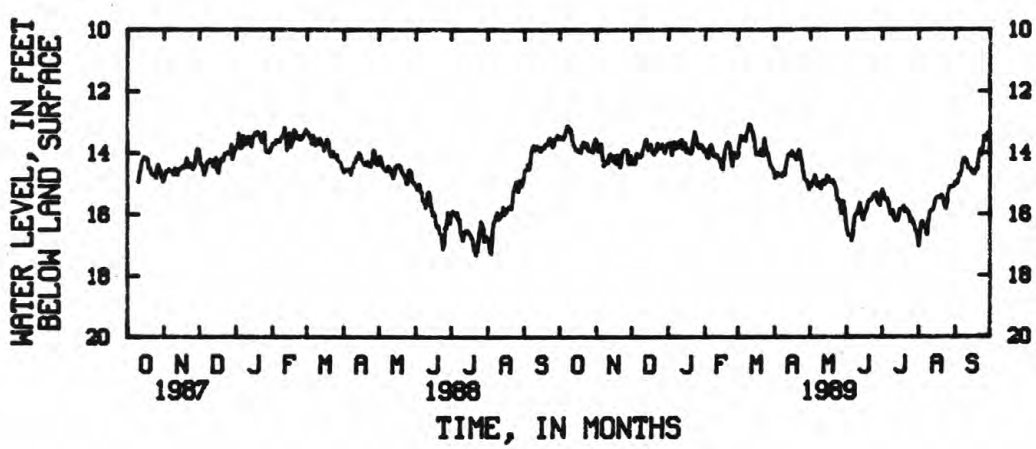


321459080420102. Local number, BFT-787.
LOCATION.--Lat 32°14'54''(Revised), long 80°41'57''(Revised), Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at the end of State Road 335.
Owner: Town of Hilton Head.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled 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 17.34 ft below land-surface datum July 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.48	13.61	14.24	13.69	13.90	14.10	14.83	15.01	16.50	15.21	17.05	14.95
2	13.52	13.87	14.37	13.70	14.08	13.69	14.72	15.09	16.71	15.31	16.63	15.01
3	13.50	13.94	14.36	13.67	14.16	13.44	14.67	15.00	16.70	15.49	16.29	14.97
4	13.54	13.77	14.36	14.07	14.17	13.59	14.75	14.85	16.70	15.54	16.25	14.71
5	13.45	13.73	14.02	13.74	13.81	13.57	14.70	14.74	16.88	15.51	16.38	14.76
6	13.33	14.13	14.06	13.65	13.75	13.48	14.74	14.90	16.73	15.62	16.43	14.61
7	13.15	14.43	14.13	13.86	13.86	13.61	14.78	15.10	16.34	15.83	16.47	14.34
8	13.13	14.39	14.14	13.80	14.07	13.37	14.67	15.06	16.04	16.01	16.68	14.19
9	13.23	14.36	14.10	13.81	14.13	13.24	14.73	14.99	15.99	15.97	16.23	14.22
10	13.23	14.29	13.93	13.63	14.09	13.08	14.50	15.18	16.00	15.90	15.95	14.20
11	13.39	14.33	13.82	13.64	14.09	13.10	14.27	15.01	15.83	16.18	15.89	14.34
12	13.67	14.08	13.62	13.58	14.20	13.25	14.07	14.92	15.64	16.23	15.89	14.51
13	13.77	14.04	13.55	13.88	14.21	13.32	14.02	15.03	15.85	16.17	15.86	14.53
14	13.85	14.25	13.79	13.70	14.35	13.51	14.09	14.99	16.12	16.21	15.70	14.54
15	13.92	14.24	13.91	13.69	14.51	13.82	13.94	14.76	16.20	16.06	15.52	14.62
16	13.90	14.12	13.78	13.98	14.55	14.08	13.98	14.77	16.03	15.84	15.46	14.69
17	13.97	14.32	13.74	13.87	14.18	14.00	14.13	14.89	15.94	15.85	15.44	14.71
18	13.97	14.37	13.90	13.88	13.86	14.06	14.15	14.94	15.81	15.82	15.46	14.62
19	13.99	14.08	14.02	14.03	13.73	14.09	14.22	14.95	15.61	15.74	15.42	14.54
20	13.76	14.14	14.05	14.02	13.66	13.90	14.19	14.91	15.54	15.92	15.38	14.54
21	13.66	14.49	13.93	13.93	13.67	14.10	13.90	14.99	15.56	15.84	15.42	14.03
22	13.80	14.33	13.93	13.57	13.81	14.10	13.94	15.09	15.53	15.93	15.59	13.90
23	13.69	13.97	13.70	13.33	14.16	13.54	14.20	15.23	15.44	15.94	15.74	14.07
24	13.72	13.91	13.73	13.44	14.44	13.78	14.34	15.56	15.36	16.04	15.83	13.86
25	13.89	13.93	13.85	13.67	14.16	13.98	14.60	15.53	15.32	16.28	15.63	13.45
26	13.93	13.90	13.83	13.79	14.01	14.06	14.87	15.66	15.30	16.17	15.24	13.62
27	13.93	13.91	13.73	13.84	14.05	14.25	14.90	15.98	15.57	16.26	15.10	13.56
28	13.97	14.36	13.83	13.76	14.16	14.41	14.91	15.78	15.66	16.40	15.13	13.37
29	13.99	14.37	14.01	13.76	---	14.47	15.11	15.58	15.72	16.56	15.12	13.45
30	13.75	14.11	13.85	13.83	---	14.52	15.20	15.86	15.41	16.56	15.08	13.57
31	13.55	---	13.77	13.97	---	14.60	---	16.18	---	16.82	15.08	---
MEAN	13.67	14.13	13.94	13.77	14.06	13.81	14.47	15.18	15.93	15.97	15.79	14.28
MAX	13.99	14.49	14.37	14.07	14.55	14.60	15.20	16.18	16.88	16.82	17.05	15.01
MIN	13.13	13.61	13.55	13.33	13.66	13.08	13.90	14.74	15.30	15.21	15.08	13.37

CAL YR 1988 TOTAL 5307.67 MEAN 14.50 HIGH 13.13 LOW 17.34
WTR YR 1989 TOTAL 5323.87 MEAN 14.59 HIGH 13.08 LOW 17.05



BEAUFORT COUNTY

321603080432201. Local number, BFT-1809.
LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, Dolphin Head Recreation Park on Hilton Head Plantation on Hilton Head Island.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Floridan.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 903 ft, cased to 227 ft, open hole from 227 to 903 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.25 ft above land-surface datum.
REMARKS.--Water level affected by tidal fluctuations.
PERIOD OF RECORD.--August 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 12.20 ft below land-surface datum, Feb. 28, 1987; lowest, 15.87 ft below land-surface datum, July 23, 1988.

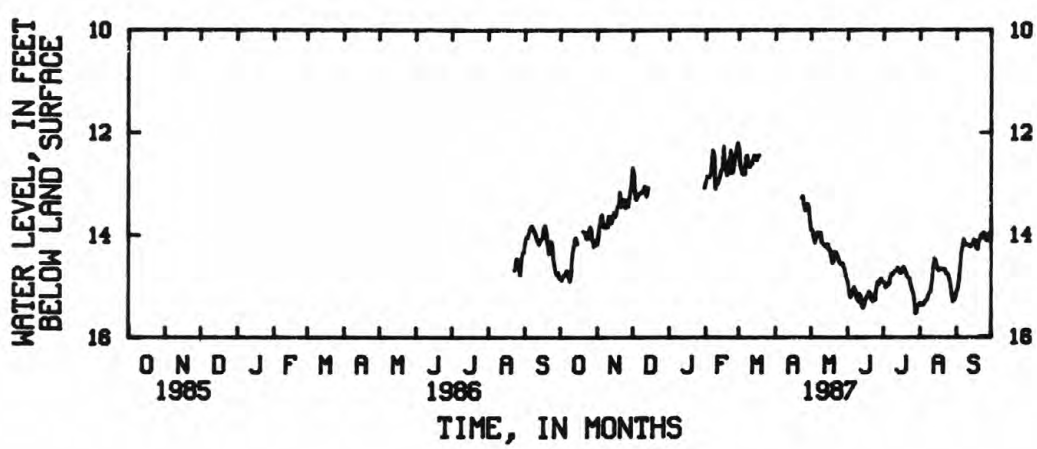
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	14.18
2	---	---	---	---	---	---	---	---	---	---	---	14.04
3	---	---	---	---	---	---	---	---	---	---	---	14.06
4	---	---	---	---	---	---	---	---	---	---	---	13.98
5	---	---	---	---	---	---	---	---	---	---	---	13.89
6	---	---	---	---	---	---	---	---	---	---	---	13.84
7	---	---	---	---	---	---	---	---	---	---	---	13.82
8	---	---	---	---	---	---	---	---	---	---	---	13.89
9	---	---	---	---	---	---	---	---	---	---	---	13.95
10	---	---	---	---	---	---	---	---	---	---	---	13.99
11	---	---	---	---	---	---	---	---	---	---	---	14.08
12	---	---	---	---	---	---	---	---	---	---	---	14.14
13	---	---	---	---	---	---	---	---	---	---	---	14.19
14	---	---	---	---	---	---	---	---	---	---	---	14.10
15	---	---	---	---	---	---	---	---	---	---	---	14.10
16	---	---	---	---	---	---	---	---	---	---	---	14.05
17	---	---	---	---	---	---	---	---	---	---	---	13.84
18	---	---	---	---	---	---	---	---	---	---	---	13.82
19	---	---	---	---	---	---	---	---	---	---	---	13.95
20	---	---	---	---	---	---	---	---	---	---	---	14.15
21	---	---	---	---	---	---	---	---	---	---	---	14.38
22	---	---	---	---	---	---	---	---	---	---	---	14.30
23	---	---	---	---	---	---	---	---	---	---	14.69	14.14
24	---	---	---	---	---	---	---	---	---	---	14.57	14.20
25	---	---	---	---	---	---	---	---	---	---	14.46	14.51
26	---	---	---	---	---	---	---	---	---	---	14.54	14.63
27	---	---	---	---	---	---	---	---	---	---	14.65	14.73
28	---	---	---	---	---	---	---	---	---	---	14.79	14.79
29	---	---	---	---	---	---	---	---	---	---	14.51	14.74
30	---	---	---	---	---	---	---	---	---	---	14.34	14.85
31	---	---	---	---	---	---	---	---	---	---	14.35	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	14.18
MAX	---	---	---	---	---	---	---	---	---	---	---	14.85
MIN	---	---	---	---	---	---	---	---	---	---	---	13.82

321603080432201.Local number, BFT-1809--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

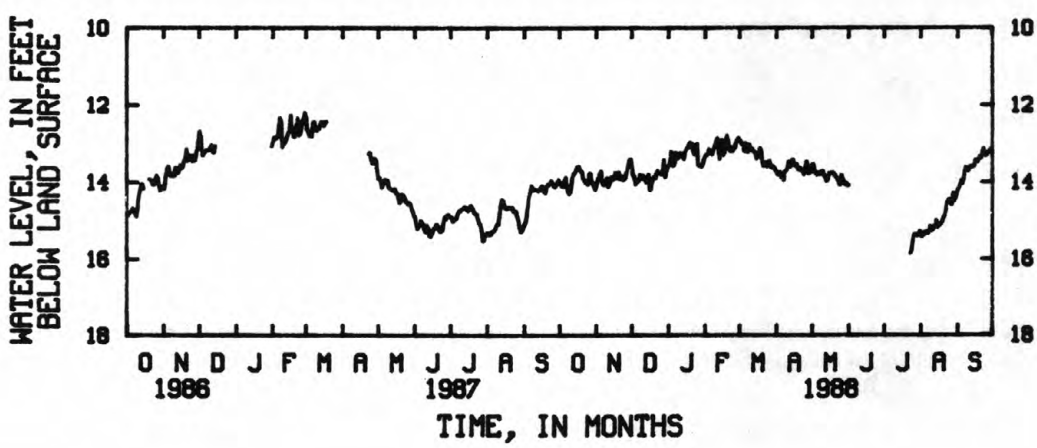
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.84	14.19	12.69	---	12.97	12.31	---	13.92	14.93	14.92	15.33	15.12
2	14.89	14.07	12.82	---	12.85	12.64	---	13.90	15.11	14.93	15.37	15.05
3	14.83	13.81	13.19	---	12.89	12.72	---	14.04	15.23	15.03	15.34	14.90
4	14.80	13.64	13.32	---	12.88	12.82	---	14.16	15.19	14.99	15.36	14.63
5	14.78	13.60	13.26	---	12.81	12.82	---	14.08	15.15	14.98	15.30	14.37
6	14.70	13.76	13.21	---	12.53	12.82	---	13.98	15.02	14.95	15.29	14.26
7	14.73	13.85	13.19	---	12.34	12.48	---	13.95	15.07	14.82	15.25	14.09
8	14.81	13.82	13.18	---	12.44	12.45	---	14.04	15.12	14.75	15.17	14.15
9	14.91	13.85	13.16	---	13.11	12.64	---	13.97	15.26	14.77	15.11	14.21
10	14.73	13.85	13.17	---	12.97	12.67	---	14.15	15.31	14.73	15.10	14.19
11	14.40	13.63	13.06	---	13.01	12.63	---	14.19	15.16	14.70	14.92	14.21
12	14.25	13.73	13.13	---	12.94	12.62	---	14.20	15.21	14.70	14.65	14.21
13	14.09	13.77	13.25	---	12.85	12.54	---	14.23	15.40	14.64	14.46	14.24
14	14.06	13.69	13.08	---	12.75	12.45	---	14.25	15.44	14.67	14.48	14.21
15	14.18	13.56	---	---	12.70	12.48	---	14.20	15.37	14.73	14.60	14.16
16	---	13.64	---	---	12.27	12.54	---	14.31	15.27	14.75	14.68	14.10
17	---	13.59	---	---	12.58	12.46	---	14.30	15.22	14.68	14.70	14.15
18	---	13.44	---	---	12.71	12.45	---	14.44	15.21	14.62	14.69	14.27
19	---	13.43	---	---	12.84	---	---	14.56	15.11	14.67	14.67	14.29
20	13.93	13.16	---	---	12.80	---	---	14.53	15.14	14.74	14.68	14.14
21	13.94	13.46	---	---	12.56	---	---	14.34	15.24	14.81	14.69	14.05
22	14.00	13.36	---	---	12.34	---	---	14.35	15.29	14.84	14.68	14.07
23	14.07	13.31	---	---	12.80	---	13.28	14.41	15.29	14.85	14.77	14.03
24	14.08	13.43	---	---	12.78	---	13.25	14.47	15.26	14.97	14.76	13.96
25	13.93	13.47	---	---	12.64	---	13.43	14.54	15.04	15.07	14.78	14.02
26	13.84	13.32	---	---	12.46	---	13.53	14.59	14.91	15.12	14.89	14.10
27	13.90	13.45	---	---	12.32	---	13.48	14.56	14.97	15.28	15.01	14.13
28	14.12	13.30	---	---	12.20	---	13.40	14.58	14.87	15.55	15.19	14.07
29	14.24	13.16	---	---	---	---	13.46	14.67	14.85	15.53	15.31	14.06
30	14.20	12.92	---	---	---	---	13.72	14.78	14.91	15.38	15.28	13.94
31	14.13	---	---	13.08	---	---	---	14.87	---	15.38	15.23	---
MEAN	---	13.58	---	---	12.69	---	---	14.31	15.15	14.92	14.96	14.25
MAX	---	14.19	---	---	13.11	---	---	14.87	15.44	15.55	15.37	15.12
MIN	---	12.92	---	---	12.20	---	---	13.90	14.85	14.62	14.46	13.94



321603080432201.Local number, BFT-1809--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

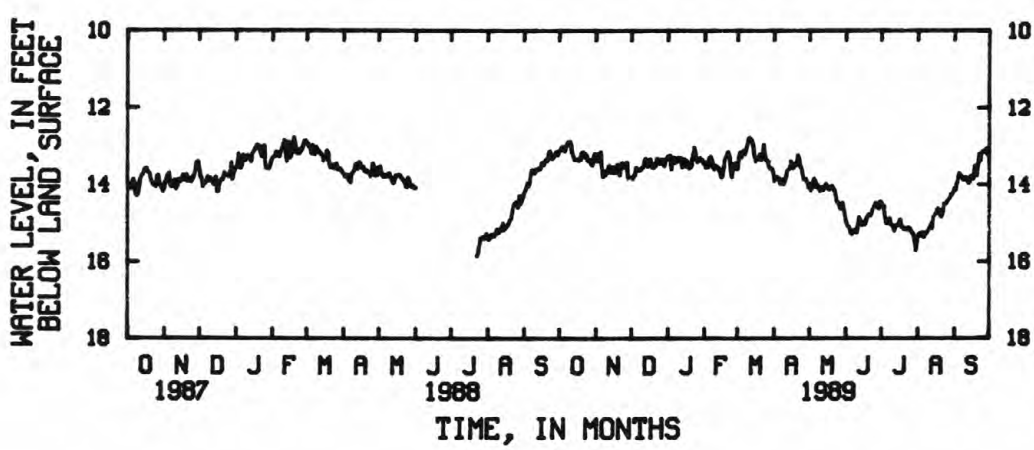
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.01	14.12	13.61	13.59	13.34	12.92	13.75	13.57	14.10	---	15.41	14.22
2	14.04	13.95	13.81	13.53	13.30	12.95	13.82	13.54	---	---	15.43	14.17
3	14.12	13.89	13.86	13.21	13.29	13.03	13.76	13.70	---	---	15.33	14.07
4	14.12	13.78	14.08	13.36	13.15	13.03	13.76	13.78	---	---	15.37	13.97
5	14.00	13.72	13.98	13.59	13.22	13.21	13.90	13.82	---	---	15.31	14.05
6	13.88	14.00	14.00	13.52	13.26	13.00	13.80	13.77	---	---	15.33	13.94
7	14.11	14.07	13.95	13.24	13.29	13.08	13.97	13.80	---	---	15.34	13.69
8	14.28	14.07	13.82	13.29	13.15	13.23	13.74	13.80	---	---	15.28	13.62
9	14.32	14.03	13.92	13.39	13.05	13.04	13.71	13.74	---	---	15.16	13.63
10	14.27	13.90	13.84	13.33	12.96	13.13	13.66	13.73	---	---	15.27	13.72
11	14.06	14.14	13.87	13.25	12.86	13.13	13.48	13.82	---	---	15.25	13.67
12	13.86	14.07	13.93	13.26	13.09	13.19	13.47	13.91	---	---	15.19	13.59
13	13.77	13.91	14.02	13.32	13.42	13.21	13.61	13.99	---	---	15.13	13.60
14	13.76	13.87	13.92	13.41	13.19	13.25	13.43	13.96	---	---	15.01	13.60
15	13.65	13.94	13.82	13.20	12.90	13.40	13.43	13.83	---	---	15.19	13.59
16	13.60	13.87	14.22	13.15	13.32	13.36	13.53	13.78	---	---	15.13	13.44
17	13.59	13.76	14.21	13.07	13.25	13.34	13.59	13.77	---	---	15.12	13.48
18	13.67	13.90	14.01	13.10	13.13	13.13	13.55	13.76	---	---	15.08	13.48
19	13.71	13.77	13.92	12.98	12.79	13.20	13.67	13.77	---	---	15.03	13.38
20	13.75	13.75	13.87	13.01	12.92	13.51	13.70	13.82	---	---	14.94	13.34
21	13.91	13.93	13.89	13.01	13.14	13.59	13.65	13.87	---	---	14.90	13.38
22	13.98	13.87	13.70	13.19	13.20	13.52	13.71	13.91	---	---	14.74	13.19
23	14.04	13.86	13.78	13.29	13.11	13.50	13.72	13.96	---	15.87	14.54	13.13
24	14.02	13.95	13.78	13.25	13.20	13.61	13.81	14.08	---	15.80	14.48	13.21
25	14.07	13.91	13.76	13.01	13.14	13.56	13.69	14.09	---	15.56	14.46	13.33
26	13.81	13.81	13.80	13.57	13.11	13.47	13.46	13.83	---	15.39	14.53	13.31
27	13.78	13.68	13.74	13.60	12.99	13.60	13.54	13.94	---	15.37	14.60	13.26
28	13.98	13.47	13.44	13.60	12.89	13.64	13.79	14.03	---	15.39	14.30	13.22
29	14.04	13.42	13.88	13.61	12.86	13.61	13.77	14.07	---	15.41	14.51	13.15
30	14.14	13.41	13.73	13.53	---	13.65	13.76	14.05	---	15.35	14.44	13.23
31	14.21	---	13.64	13.41	---	13.71	---	14.10	---	15.29	14.35	---
MEAN	13.95	13.86	13.86	13.32	13.12	13.32	13.67	13.86	---	---	14.97	13.56
MAX	14.32	14.14	14.22	13.61	13.42	13.71	13.97	14.10	---	---	15.43	14.22
MIN	13.59	13.41	13.44	12.98	12.79	12.92	13.43	13.54	---	---	14.30	13.13



321603080432201.Local number, BFT-1809--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.13	13.23	---	13.27	13.44	13.61	13.93	14.00	14.96	14.48	15.36	14.10
2	13.10	13.40	13.86	13.29	13.57	13.33	13.84	14.17	15.09	14.56	15.29	14.15
3	13.02	13.39	13.80	13.24	13.57	13.16	13.81	14.11	15.10	14.57	15.34	13.98
4	13.10	13.20	13.76	13.62	13.56	13.30	13.86	13.97	15.15	14.89	15.32	13.81
5	13.10	13.16	13.57	13.37	13.30	13.24	13.85	13.85	15.28	15.03	15.25	13.71
6	13.13	13.58	13.60	13.30	13.28	13.11	14.00	13.95	15.31	15.02	15.38	13.77
7	12.99	13.82	13.60	13.44	13.36	13.21	14.00	14.09	15.22	14.95	15.31	13.78
8	12.91	13.79	13.64	13.38	13.54	13.10	13.89	14.04	15.20	14.90	15.29	13.86
9	12.89	13.76	13.62	13.41	13.63	12.98	14.00	14.08	15.20	15.05	15.24	13.89
10	12.88	13.65	13.57	13.30	13.57	12.82	13.88	14.19	15.26	15.07	15.16	13.83
11	12.98	13.71	13.55	13.37	13.52	12.79	13.80	14.12	15.09	15.13	15.13	13.83
12	13.19	13.51	13.38	13.32	13.58	12.83	13.64	14.09	14.86	15.22	15.03	13.89
13	13.29	13.57	13.32	13.56	13.58	12.85	13.61	14.15	14.91	15.11	15.14	13.97
14	13.37	13.70	13.47	13.35	13.74	12.99	13.60	14.08	15.03	15.07	14.85	13.94
15	13.37	13.66	13.53	13.34	13.83	13.25	13.40	14.00	15.06	15.07	14.81	13.79
16	13.36	13.55	13.37	13.53	13.82	13.41	13.47	14.05	15.00	15.04	14.75	13.83
17	13.39	13.71	13.35	13.40	13.62	13.34	13.59	14.11	15.05	14.93	14.66	13.86
18	13.36	13.68	13.45	13.44	13.36	13.35	13.52	14.14	14.97	15.12	14.62	13.50
19	13.38	13.48	13.57	13.59	13.28	13.33	13.52	14.12	14.83	15.12	14.70	13.75
20	13.18	13.49	13.57	13.56	13.19	13.22	13.44	14.06	14.79	15.17	14.80	13.78
21	13.16	13.78	13.50	13.50	13.15	13.37	13.24	14.10	14.81	15.18	14.84	13.46
22	13.29	13.61	13.51	13.24	13.27	13.33	13.32	14.15	14.81	15.16	14.72	13.20
23	13.20	13.44	13.32	13.04	13.59	12.97	13.53	14.26	14.71	15.20	14.50	13.40
24	13.25	13.48	13.35	13.17	13.83	13.25	13.57	14.46	14.62	15.14	14.49	13.18
25	13.39	13.56	13.44	13.35	13.59	13.37	13.74	14.47	14.55	15.15	14.50	13.13
26	13.40	13.48	13.46	13.42	13.48	13.39	13.89	14.53	14.48	15.22	14.44	13.13
27	13.38	13.43	13.35	13.40	13.45	13.52	13.87	14.65	14.56	15.28	14.40	13.15
28	13.49	13.84	13.42	13.32	13.59	13.60	13.86	14.51	14.61	15.30	14.36	13.07
29	13.51	13.82	13.52	13.36	---	13.59	13.98	14.49	14.63	15.49	14.25	13.22
30	13.34	---	13.38	13.37	---	13.60	14.10	14.66	14.44	15.73	14.28	13.24
31	13.20	---	13.33	13.47	---	13.69	---	14.81	---	15.57	14.22	---
MEAN	13.22	---	---	13.38	13.51	13.25	13.72	14.21	14.92	15.09	14.85	13.64
MAX	13.51	---	---	13.62	13.83	13.69	14.10	14.81	15.31	15.73	15.38	14.15
MIN	12.88	---	---	13.04	13.15	12.79	13.24	13.85	14.44	14.48	14.22	13.07



BEAUFORT COUNTY

321603080432202. Local number, BFT-1810.
LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, on Hilton Head Plantation on Hilton Head Island.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Floridan.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 105 ft, open hole from 105 to 202 ft.
INSTRUMENTATION.--Digital recorder--60 min punch and USGS mini-monitor.
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .80 ft above land-surface datum.
REMARKS.--Water level affected by tidal fluctuations. Well also sampled for water quality.
PERIOD OF RECORD.--September 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.64 ft below land-surface datum, Dec. 24, 1986; lowest, 15.95 ft below land-surface datum, July 22, 1988.

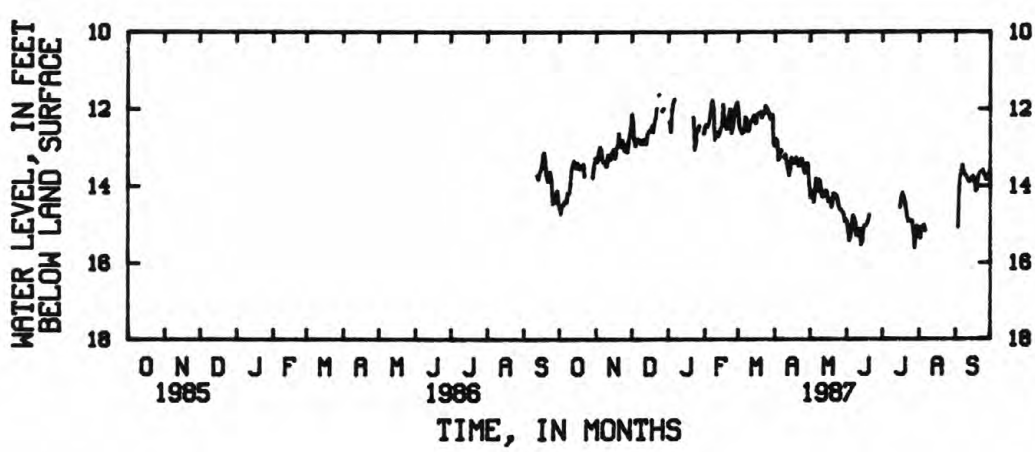
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	13.75
13	---	---	---	---	---	---	---	---	---	---	---	13.84
14	---	---	---	---	---	---	---	---	---	---	---	13.69
15	---	---	---	---	---	---	---	---	---	---	---	13.61
16	---	---	---	---	---	---	---	---	---	---	---	13.52
17	---	---	---	---	---	---	---	---	---	---	---	13.17
18	---	---	---	---	---	---	---	---	---	---	---	13.14
19	---	---	---	---	---	---	---	---	---	---	---	13.40
20	---	---	---	---	---	---	---	---	---	---	---	13.73
21	---	---	---	---	---	---	---	---	---	---	---	13.89
22	---	---	---	---	---	---	---	---	---	---	---	13.82
23	---	---	---	---	---	---	---	---	---	---	---	13.65
24	---	---	---	---	---	---	---	---	---	---	---	13.83
25	---	---	---	---	---	---	---	---	---	---	---	14.48
26	---	---	---	---	---	---	---	---	---	---	---	14.45
27	---	---	---	---	---	---	---	---	---	---	---	14.44
28	---	---	---	---	---	---	---	---	---	---	---	14.30
29	---	---	---	---	---	---	---	---	---	---	---	14.14
30	---	---	---	---	---	---	---	---	---	---	---	14.45
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

321603080432202.Local number, BFT-1810--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.59	13.32	12.14	---	12.48	12.09	12.98	14.32	14.93	---	15.11	---
2	14.73	13.38	12.36	12.35	12.41	12.50	12.79	14.16	15.22	---	15.36	---
3	14.54	13.14	12.84	12.61	12.46	12.55	12.84	14.27	15.44	---	15.09	15.08
4	14.52	13.00	12.97	12.09	12.36	12.65	13.35	14.44	15.35	---	15.14	14.11
5	14.46	13.05	12.88	11.88	12.20	12.61	13.30	14.19	15.15	---	15.03	13.73
6	14.41	13.31	12.80	11.76	11.92	12.60	13.08	13.82	14.77	---	15.17	13.57
7	14.43	13.40	12.82	---	11.79	12.22	13.11	13.90	14.83	---	---	13.47
8	14.20	13.41	12.87	---	12.02	12.26	---	14.15	14.95	---	---	13.62
9	14.19	13.50	12.92	---	12.83	12.58	13.28	13.85	15.31	---	---	13.72
10	14.01	13.49	12.92	---	12.61	12.58	13.20	14.09	15.27	---	---	13.75
11	13.59	13.20	12.82	---	12.71	12.36	13.44	14.29	15.18	---	---	13.82
12	13.45	13.30	12.90	---	12.72	12.34	13.62	14.30	15.13	---	---	13.88
13	13.35	13.32	12.92	---	12.64	12.28	13.75	14.19	15.56	---	---	13.91
14	13.43	13.17	12.67	---	12.53	12.18	13.60	14.14	15.46	---	---	13.83
15	13.54	13.06	12.59	---	12.45	12.26	13.28	14.16	15.13	---	---	13.79
16	13.42	13.28	12.60	---	11.89	12.38	13.38	14.42	15.03	14.56	---	13.76
17	13.47	13.28	12.53	---	12.29	12.15	13.42	14.35	15.04	14.27	---	13.91
18	13.57	13.02	12.44	---	12.43	12.12	13.37	14.42	14.99	14.18	---	14.16
19	13.54	12.95	12.60	---	12.53	12.12	13.27	14.57	14.90	14.30	---	14.12
20	13.52	12.64	12.38	---	12.46	12.08	13.41	14.48	14.76	14.43	---	13.83
21	13.45	13.00	12.25	---	12.22	12.23	13.49	14.21	---	14.67	---	13.67
22	13.76	12.88	11.99	12.23	12.01	12.15	13.42	14.25	---	14.85	---	13.65
23	---	12.83	---	13.08	12.65	12.14	13.31	14.25	---	14.93	---	13.65
24	---	13.02	11.64	12.93	12.53	11.93	13.31	14.35	---	14.91	---	13.59
25	---	13.11	---	12.53	12.32	11.96	13.56	14.49	---	14.92	---	13.71
26	---	12.98	---	12.58	12.06	12.06	13.68	14.63	---	14.93	---	13.76
27	---	13.14	12.06	12.45	11.91	12.11	13.63	14.65	---	15.22	---	13.85
28	---	12.90	12.01	---	11.84	12.26	13.44	14.68	---	15.63	---	13.74
29	13.79	12.73	---	---	---	12.28	13.44	14.73	---	15.39	---	13.72
30	13.55	12.46	---	---	---	12.18	13.93	14.94	---	15.05	---	13.64
31	13.27	---	---	12.65	---	12.97	---	14.89	---	15.08	---	---
MEAN	---	13.11	---	---	12.33	12.30	---	14.34	---	---	---	---
MAX	---	13.50	---	---	12.83	12.97	---	14.94	---	---	---	---
MIN	---	12.46	---	---	11.79	11.93	---	13.82	---	---	---	---

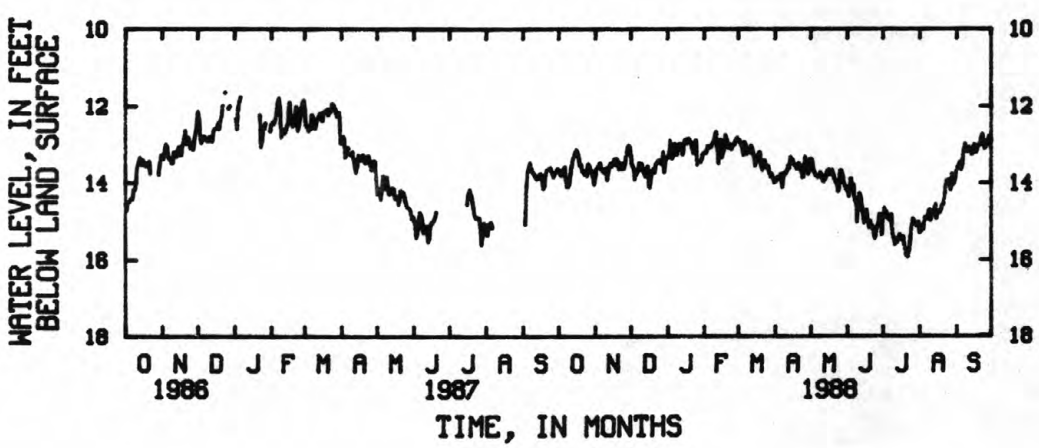


321603080432202.Local number, BFT-1810--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.72	13.85	13.28	13.36	13.22	12.91	14.00	13.37	14.23	14.89	15.32	13.66
2	13.68	13.64	13.54	13.32	13.23	12.90	13.96	13.40	14.37	14.66	15.26	13.57
3	13.81	13.60	13.60	12.89	13.21	12.99	13.86	13.65	14.14	14.73	15.17	13.53
4	13.77	13.55	13.92	13.07	13.05	13.05	13.90	13.73	13.90	14.75	15.22	13.46
5	13.69	13.48	13.81	13.37	13.09	13.29	13.89	13.83	14.17	14.95	14.90	13.67
6	13.59	13.65	13.76	13.31	13.07	12.95	13.78	13.81	14.07	14.87	14.96	13.54
7	13.94	13.68	13.71	12.98	13.07	13.01	14.13	13.87	14.48	15.00	14.95	13.13
8	14.11	13.72	13.48	13.13	12.98	13.26	13.84	13.82	14.50	14.84	14.78	12.99
9	14.11	13.73	13.50	13.26	12.91	13.12	13.73	13.75	15.04	15.36	14.70	13.11
10	14.05	13.63	13.50	13.12	12.79	13.22	13.76	13.78	14.69	15.47	14.99	13.20
11	13.78	13.93	13.69	12.99	12.68	13.14	13.70	13.97	14.28	15.63	14.87	13.15
12	13.58	13.75	13.75	12.99	13.07	13.05	13.55	13.98	14.36	15.46	14.76	13.08
13	13.38	13.57	13.84	13.10	13.51	13.18	13.63	13.94	14.56	15.56	14.72	13.17
14	13.32	13.48	13.66	13.26	13.12	13.35	13.33	13.86	14.82	15.47	14.57	13.27
15	13.18	13.57	13.58	12.95	12.88	13.57	13.49	13.69	15.07	15.36	14.95	13.26
16	13.14	13.46	14.09	12.87	13.35	13.48	13.42	13.66	14.84	15.40	14.74	13.01
17	13.22	13.38	14.13	12.86	13.22	13.43	13.54	13.79	14.72	15.49	14.77	13.16
18	13.36	13.53	13.80	12.97	13.11	13.25	13.54	13.73	15.02	15.42	14.77	13.21
19	13.56	13.38	13.69	12.85	12.75	13.21	13.64	13.68	15.19	15.65	14.70	13.07
20	13.53	13.42	13.65	12.92	12.88	13.56	13.65	13.78	15.01	15.90	14.59	13.02
21	13.72	13.65	13.74	12.96	13.08	13.68	13.49	13.91	15.17	15.91	14.56	13.03
22	13.70	13.49	13.48	13.12	13.09	13.54	13.63	14.00	15.15	15.95	14.28	12.82
23	13.79	13.50	13.50	13.23	13.02	13.43	13.73	14.07	15.33	15.80	13.98	12.74
24	13.75	13.64	13.41	13.17	13.13	13.62	13.87	14.25	15.46	15.52	13.93	12.90
25	13.82	13.63	13.42	12.90	13.05	13.61	13.86	14.17	15.37	15.18	13.93	13.12
26	13.51	13.51	13.49	13.54	13.02	13.58	13.31	13.68	15.14	14.95	14.08	13.08
27	13.56	13.31	13.51	13.48	13.00	13.77	13.39	13.69	15.15	14.97	14.19	12.92
28	13.66	13.08	13.19	13.44	12.89	13.86	13.65	13.83	14.81	15.05	13.77	12.89
29	13.72	13.03	13.74	13.46	12.83	13.78	13.78	14.03	14.83	15.13	14.06	12.79
30	13.87	13.06	13.45	13.39	---	13.87	13.68	14.09	15.37	15.07	14.01	12.88
31	14.05	---	13.33	13.27	---	14.01	---	14.19	---	15.04	13.88	---
MEAN	13.67	13.53	13.62	13.15	13.04	13.38	13.69	13.84	14.77	15.27	14.59	13.15
MAX	14.11	13.93	14.13	13.54	13.51	14.01	14.13	14.25	15.46	15.95	15.32	13.67
MIN	13.14	13.03	13.19	12.85	12.68	12.90	13.31	13.37	13.90	14.66	13.77	12.74

WTR YR 1988 TOTAL 5055.50 MEAN 13.81 HIGH 12.68 LOW 15.95

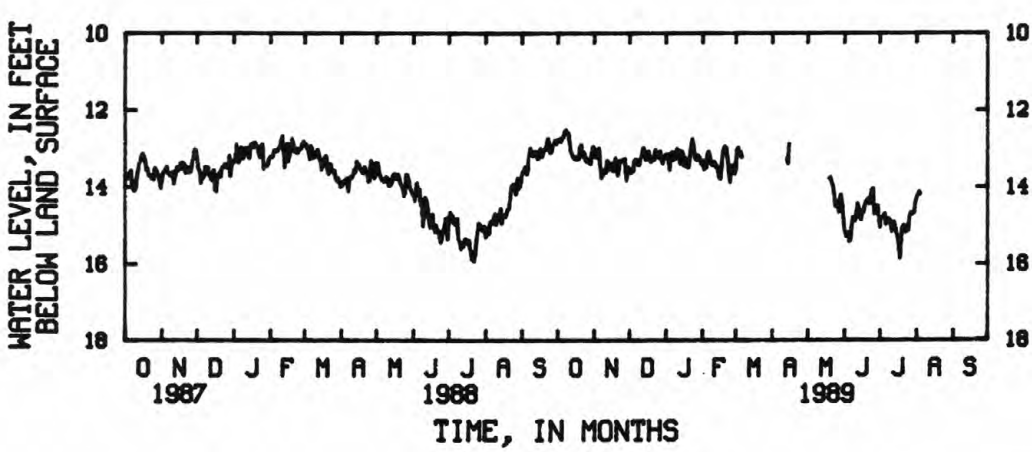


321603080432202.Local number, BFT-1810--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.77	13.02	13.60	13.16	13.34	13.53	---	---	15.15	15.07	14.30	---
2	12.79	13.22	13.64	13.16	13.56	13.04	---	---	15.30	14.81	14.22	---
3	12.74	13.23	13.58	13.16	13.53	12.98	---	---	15.23	14.80	14.14	---
4	12.82	13.06	13.60	13.57	13.50	13.12	---	---	15.21	14.77	14.19	---
5	12.72	13.01	13.30	13.16	13.13	13.11	---	---	15.44	14.71	---	---
6	12.70	13.48	13.29	13.10	13.09	13.23	---	---	15.40	15.00	---	---
7	12.55	13.78	13.40	13.31	13.20	---	---	---	15.04	14.87	---	---
8	12.52	13.72	13.42	13.25	13.40	---	---	---	14.80	14.85	---	---
9	12.59	13.64	13.43	13.27	13.44	---	---	---	14.81	14.86	---	---
10	12.61	13.55	13.27	13.02	13.37	---	---	---	14.88	14.96	---	---
11	12.80	13.63	13.21	13.11	13.37	---	---	---	14.66	15.19	---	---
12	13.08	13.32	13.00	13.06	13.49	---	---	---	14.43	14.95	---	---
13	13.15	13.35	12.99	13.42	13.47	---	13.27	---	14.54	14.93	---	---
14	13.23	13.55	13.20	13.07	13.66	---	13.40	---	14.81	15.09	---	---
15	13.27	13.50	13.30	13.13	13.78	---	12.89	---	14.86	15.26	---	---
16	13.24	13.40	13.12	13.47	13.80	---	---	---	14.69	15.33	---	---
17	13.30	13.58	13.08	13.25	13.50	---	---	---	14.67	15.66	---	---
18	13.25	13.59	13.19	13.37	13.09	---	---	---	14.52	15.89	---	---
19	13.28	13.24	13.36	13.50	12.96	---	---	13.79	14.37	15.42	---	---
20	12.97	13.34	13.31	13.50	12.95	---	---	13.77	14.42	15.07	---	---
21	12.91	13.73	13.31	13.34	13.01	---	---	13.90	14.30	15.01	---	---
22	13.21	13.51	13.29	12.99	13.27	---	---	13.98	14.44	15.08	---	---
23	13.10	13.32	13.04	12.75	13.63	---	---	14.17	14.28	15.18	---	---
24	13.18	13.32	13.17	12.91	13.89	---	---	14.54	14.07	15.06	---	---
25	13.35	13.32	13.23	13.13	13.52	---	---	14.38	14.05	15.14	---	---
26	13.28	13.29	13.24	13.28	13.45	---	---	14.41	14.73	14.76	---	---
27	13.28	13.27	13.08	13.31	13.45	---	---	14.67	14.60	14.67	---	---
28	13.39	13.85	13.26	13.19	13.67	---	---	14.44	14.51	14.73	---	---
29	13.41	13.71	13.40	13.24	---	---	---	14.22	14.50	14.69	---	---
30	13.16	13.49	13.29	13.34	---	---	---	14.50	14.93	14.67	---	---
31	12.95	---	13.23	13.44	---	---	---	14.85	---	14.41	---	---
MEAN	13.02	13.43	13.28	13.22	13.41	---	---	---	14.72	15.00	---	---
MAX	13.41	13.85	13.64	13.57	13.89	---	---	---	15.44	15.89	---	---
MIN	12.52	13.01	12.99	12.75	12.95	---	---	---	14.05	14.41	---	---

CAL YR 1988 TOTAL 5022.14 MEAN 13.72 HIGH 12.52 LOW 15.95



BEAUFORT COUNTY

321603080432203. Local number, BFT-1811.
LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, at Hilton Head Plantation on Hilton Head Island.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Hawthorn.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 80 ft, cased to 67 ft, screened interval from 67 to 77 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.15 ft above land-surface datum.
REMARKS.--Water level affected by tidal fluctuations.
PERIOD OF RECORD.--August 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 10.33 ft below land-surface datum, Jan. 6, 1987; lowest, 12.81 ft below land-surface datum, July 23, 1988.

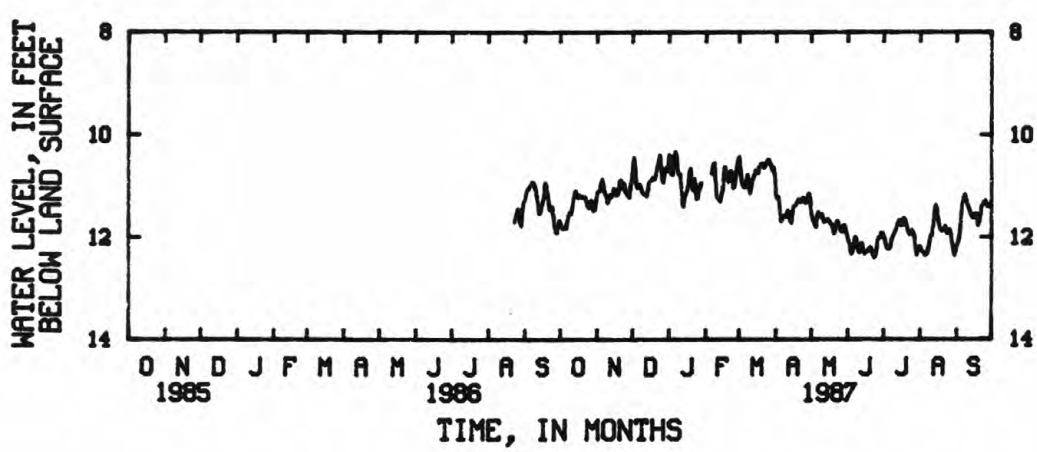
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	11.26
2	---	---	---	---	---	---	---	---	---	---	---	11.13
3	---	---	---	---	---	---	---	---	---	---	---	11.06
4	---	---	---	---	---	---	---	---	---	---	---	11.06
5	---	---	---	---	---	---	---	---	---	---	---	11.00
6	---	---	---	---	---	---	---	---	---	---	---	10.97
7	---	---	---	---	---	---	---	---	---	---	---	10.92
8	---	---	---	---	---	---	---	---	---	---	---	10.93
9	---	---	---	---	---	---	---	---	---	---	---	11.00
10	---	---	---	---	---	---	---	---	---	---	---	11.07
11	---	---	---	---	---	---	---	---	---	---	---	11.20
12	---	---	---	---	---	---	---	---	---	---	---	11.38
13	---	---	---	---	---	---	---	---	---	---	---	11.55
14	---	---	---	---	---	---	---	---	---	---	---	11.52
15	---	---	---	---	---	---	---	---	---	---	---	11.40
16	---	---	---	---	---	---	---	---	---	---	---	11.33
17	---	---	---	---	---	---	---	---	---	---	---	11.21
18	---	---	---	---	---	---	---	---	---	---	---	10.94
19	---	---	---	---	---	---	---	---	---	---	---	10.98
20	---	---	---	---	---	---	---	---	---	---	---	11.14
21	---	---	---	---	---	---	---	---	---	---	---	11.34
22	---	---	---	---	---	---	---	---	---	---	---	11.47
23	---	---	---	---	---	---	---	---	---	---	11.71	11.46
24	---	---	---	---	---	---	---	---	---	---	11.62	11.42
25	---	---	---	---	---	---	---	---	---	---	11.55	11.58
26	---	---	---	---	---	---	---	---	---	---	11.45	11.81
27	---	---	---	---	---	---	---	---	---	---	11.54	11.91
28	---	---	---	---	---	---	---	---	---	---	11.73	11.93
29	---	---	---	---	---	---	---	---	---	---	11.79	11.79
30	---	---	---	---	---	---	---	---	---	---	11.46	11.68
31	---	---	---	---	---	---	---	---	---	---	11.31	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	11.31
MAX	---	---	---	---	---	---	---	---	---	---	---	11.93
MIN	---	---	---	---	---	---	---	---	---	---	---	10.92

321603080432203.Local number, BFT-1811--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.73	11.12	10.60	10.39	---	10.43	11.22	11.55	12.04	11.98	12.20	12.17
2	11.81	11.12	10.45	10.42	---	10.69	11.25	11.67	12.13	12.05	12.27	12.11
3	11.84	11.11	10.63	10.77	---	10.89	11.23	11.70	12.29	12.15	12.29	12.03
4	11.83	10.96	10.94	10.78	---	11.00	11.43	11.78	12.34	12.22	12.32	11.86
5	11.83	10.87	11.04	10.48	---	11.04	11.70	11.81	12.29	12.24	12.36	11.53
6	11.83	10.95	11.00	10.33	10.76	11.04	11.69	11.60	12.15	12.24	12.35	11.31
7	11.69	11.10	10.98	10.41	10.58	10.97	11.61	11.52	12.01	12.19	12.33	11.20
8	11.56	11.17	11.05	10.66	10.55	10.79	11.58	11.59	12.04	12.05	12.23	11.17
9	11.51	11.22	11.12	10.77	10.92	10.95	11.61	11.57	12.15	11.98	12.09	11.28
10	11.55	11.33	11.17	10.77	11.23	11.15	11.57	11.56	12.29	11.94	11.98	11.37
11	11.44	11.24	11.18	10.99	11.25	11.05	11.49	11.65	12.31	11.88	11.97	11.43
12	11.27	11.18	11.16	11.37	11.29	10.89	11.54	11.71	12.14	11.82	11.79	11.49
13	11.14	11.22	11.21	11.41	11.31	10.85	11.69	11.68	12.14	11.73	11.52	11.56
14	11.10	11.17	11.08	11.23	11.18	10.76	11.73	11.68	12.28	11.67	11.38	11.62
15	11.21	11.05	10.93	11.16	11.10	10.69	11.55	11.66	12.34	11.72	11.45	11.63
16	11.23	11.09	10.90	11.10	10.78	10.74	11.40	11.68	12.31	11.78	11.62	11.56
17	11.19	11.18	10.89	10.98	10.62	10.74	11.40	11.74	12.29	11.76	11.76	11.55
18	11.21	11.18	10.83	10.72	10.73	10.62	11.38	11.75	12.28	11.63	11.84	11.65
19	11.22	11.12	10.87	10.66	10.85	10.57	11.32	11.85	12.24	11.65	11.89	11.78
20	11.22	10.89	10.86	10.98	10.92	10.57	11.27	11.94	12.21	11.74	11.89	11.71
21	11.22	10.88	10.74	11.08	10.86	10.56	11.30	11.90	12.26	11.83	11.85	11.55
22	11.24	10.98	10.60	10.86	10.71	10.64	11.32	11.75	12.36	11.92	11.80	11.40
23	11.30	10.94	10.51	10.97	10.78	10.61	11.29	11.69	12.41	11.96	11.83	11.37
24	11.41	10.97	10.40	11.27	11.05	10.55	11.23	11.74	12.39	11.92	11.94	11.31
25	11.43	11.12	10.59	11.25	11.02	10.49	11.26	11.83	12.30	11.88	11.89	11.29
26	11.34	11.16	10.85	11.09	10.85	10.49	11.34	11.89	12.07	11.91	11.87	11.36
27	11.29	11.20	10.93	11.03	10.59	10.56	11.31	11.90	12.01	12.01	11.96	11.41
28	11.37	11.23	10.77	10.95	10.47	10.61	11.19	11.80	12.02	12.23	12.10	11.39
29	11.49	11.06	10.68	---	---	10.70	11.15	11.78	11.92	12.36	12.28	11.38
30	11.48	10.88	10.63	---	---	10.64	11.25	11.86	11.92	12.29	12.37	11.43
31	11.31	---	10.71	---	---	10.79	---	11.95	---	12.20	12.30	---
MEAN	11.43	11.09	10.85	---	---	10.74	11.41	11.73	12.20	11.97	11.99	11.53
MAX	11.84	11.33	11.21	---	---	11.15	11.73	11.95	12.41	12.36	12.37	12.17
MIN	11.10	10.87	10.40	---	---	10.43	11.15	11.52	11.92	11.63	11.38	11.17

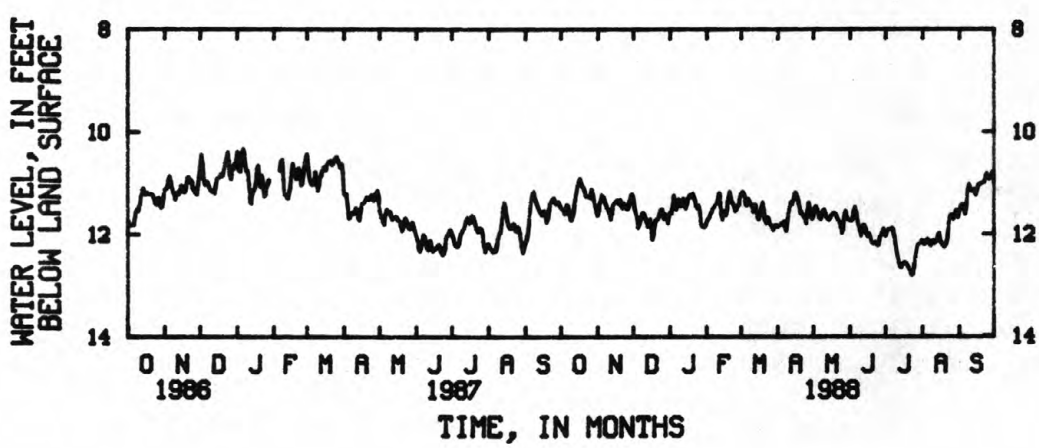


321603080432203.Local number, BFT-1811--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.49	11.64	11.32	11.57	11.76	11.21	11.86	11.66	11.73	12.04	12.14	11.56
2	11.51	11.54	11.51	11.59	11.71	11.17	11.84	11.49	11.74	11.95	12.20	11.43
3	11.52	11.38	11.60	11.40	11.68	11.20	11.83	11.46	11.73	11.92	12.19	11.42
4	11.61	11.33	11.69	11.24	11.61	11.28	11.79	11.52	11.55	11.91	12.12	11.42
5	11.54	11.23	11.88	11.40	11.57	11.43	11.79	11.59	11.47	11.90	12.10	11.50
6	11.43	11.28	11.81	11.52	11.49	11.44	11.76	11.69	11.57	11.89	12.12	11.61
7	11.45	11.35	11.75	11.44	11.48	11.32	11.86	11.72	11.73	11.91	12.20	11.45
8	11.64	11.43	11.64	11.32	11.43	11.38	11.94	11.66	11.83	12.02	12.23	11.13
9	11.72	11.50	11.58	11.41	11.40	11.43	11.73	11.56	11.93	12.17	12.17	11.03
10	11.73	11.51	11.61	11.46	11.32	11.45	11.57	11.53	12.04	12.34	12.13	11.09
11	11.65	11.60	11.68	11.37	11.20	11.57	11.47	11.60	11.97	12.47	12.18	11.16
12	11.53	11.71	11.75	11.31	11.20	11.43	11.37	11.67	11.83	12.58	12.16	11.14
13	11.34	11.59	11.86	11.33	11.62	11.43	11.42	11.71	11.83	12.65	12.13	11.13
14	11.17	11.44	11.82	11.50	11.72	11.58	11.34	11.73	11.89	12.66	12.01	11.20
15	11.05	11.39	11.72	11.43	11.55	11.71	11.20	11.70	12.02	12.61	11.99	11.24
16	10.96	11.38	11.87	11.30	11.55	11.72	11.19	11.64	12.06	12.57	12.16	11.14
17	10.91	11.33	12.11	11.23	11.63	11.61	11.25	11.62	12.01	12.56	12.18	11.03
18	10.99	11.37	12.03	11.25	11.55	11.49	11.33	11.59	12.07	12.59	12.23	11.04
19	11.07	11.41	11.84	11.27	11.33	11.39	11.46	11.61	12.17	12.61	12.26	11.03
20	11.09	11.33	11.72	11.21	11.17	11.53	11.61	11.63	12.19	12.66	12.24	10.99
21	11.15	11.46	11.72	11.27	11.26	11.73	11.57	11.69	12.19	12.71	12.20	10.99
22	11.27	11.49	11.69	11.33	11.38	11.80	11.64	11.74	12.17	12.78	12.09	10.98
23	11.26	11.41	11.59	11.45	11.41	11.67	11.68	11.79	12.18	12.81	11.81	10.85
24	11.26	11.43	11.52	11.50	11.45	11.70	11.70	11.89	12.23	12.79	11.65	10.81
25	11.28	11.50	11.51	11.45	11.55	11.80	11.80	11.99	12.22	12.65	11.62	10.90
26	11.30	11.51	11.59	11.54	11.52	11.83	11.52	11.91	12.07	12.44	11.65	10.92
27	11.13	11.48	11.70	11.81	11.45	11.88	11.39	11.62	12.04	12.29	11.71	10.90
28	11.24	11.34	11.62	11.85	11.43	11.93	11.49	11.55	11.96	12.21	11.61	10.85
29	11.36	11.22	11.63	11.86	11.26	11.88	11.67	11.66	11.90	12.19	11.53	10.79
30	11.46	11.22	11.79	11.87	---	11.83	11.71	11.71	11.97	12.17	11.64	10.79
31	11.59	---	11.65	11.83	---	11.86	---	11.73	---	12.12	11.67	---
MEAN	11.35	11.43	11.70	11.46	11.47	11.57	11.59	11.67	11.94	12.36	12.01	11.12
MAX	11.73	11.71	12.11	11.87	11.76	11.93	11.94	11.99	12.23	12.81	12.26	11.61
MIN	10.91	11.22	11.32	11.21	11.17	11.17	11.19	11.46	11.47	11.89	11.53	10.79

WTR YR 1988 TOTAL 4260.71 MEAN 11.64 HIGH 10.79 LOW 12.81

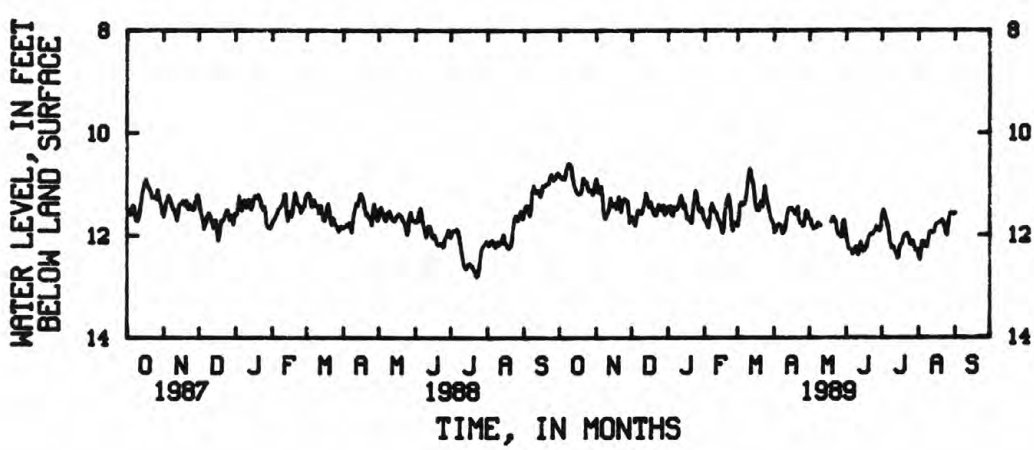


321603080432203.Local number, BFT-1811--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.84	10.90	11.63	11.45	11.71	11.82	11.95	11.69	12.02	11.58	12.42	11.57
2	10.86	11.02	11.72	11.46	11.74	11.65	11.93	11.70	12.18	11.50	12.48	11.54
3	10.89	11.16	11.77	11.43	11.82	11.38	11.84	11.82	12.27	11.56	12.31	11.60
4	10.90	11.16	11.81	11.60	11.85	11.36	11.81	11.88	12.28	11.67	12.13	11.51
5	10.90	11.06	11.66	11.62	11.67	11.40	11.79	11.86	12.30	11.73	12.13	11.45
6	10.83	11.22	11.52	11.45	11.46	11.38	11.81	11.86	12.38	11.82	12.22	11.44
7	10.69	11.52	11.52	11.49	11.38	11.38	11.86	11.84	12.33	11.99	12.22	11.31
8	10.61	11.67	11.57	11.49	11.45	11.25	11.97	11.77	12.28	12.16	12.23	11.14
9	10.60	11.67	11.58	11.47	11.53	11.05	11.93	11.79	12.23	12.26	12.11	11.08
10	10.62	11.60	11.55	11.38	11.54	10.83	11.87	11.81	12.35	12.22	11.94	11.12
11	10.68	11.56	11.45	11.27	11.57	10.70	11.73	---	12.39	12.25	11.93	11.16
12	10.86	11.48	11.33	11.23	11.67	10.75	11.59	---	12.26	12.33	11.95	11.24
13	11.01	11.28	11.18	11.34	11.72	10.91	11.47	---	12.14	12.38	11.95	11.26
14	11.08	11.35	11.26	11.47	11.77	11.00	11.49	---	12.23	12.46	11.94	11.20
15	11.15	11.43	11.37	11.40	11.90	11.18	11.47	---	12.32	12.43	11.83	11.24
16	11.18	11.39	11.45	11.54	11.96	11.43	11.47	---	12.31	12.25	11.78	11.31
17	11.20	11.38	11.36	11.68	11.89	11.52	11.52	---	12.26	12.19	11.77	11.41
18	11.19	11.48	11.45	11.64	11.59	11.49	11.56	---	12.23	12.17	11.76	11.44
19	11.18	11.36	11.51	11.70	11.35	11.52	11.59	11.74	12.12	12.05	11.75	11.37
20	11.11	11.25	11.60	11.75	11.26	11.38	11.59	11.68	12.02	12.00	11.72	11.38
21	10.88	11.42	11.61	11.76	11.21	11.33	11.45	11.65	11.98	11.98	11.70	11.33
22	10.92	11.54	11.61	11.53	11.30	11.45	11.72	11.70	11.99	11.97	11.75	11.19
23	11.00	11.39	11.49	11.29	11.52	11.20	11.77	11.74	11.98	12.00	11.85	11.34
24	10.97	11.32	11.41	11.14	11.83	11.04	11.76	11.91	11.94	12.07	11.97	11.35
25	11.08	11.29	11.46	11.20	11.91	11.24	11.83	11.99	11.91	12.18	12.00	10.98
26	11.14	11.31	11.51	11.37	11.76	11.37	11.82	11.98	11.83	12.18	11.83	10.84
27	11.14	11.33	11.44	11.50	11.77	11.47	11.67	12.03	11.84	12.13	11.64	10.93
28	11.13	11.44	11.42	11.54	11.77	11.59	11.53	12.04	11.90	12.21	11.57	10.72
29	11.21	11.76	11.60	11.48	---	11.68	11.55	11.76	11.91	12.30	11.57	10.66
30	11.17	11.67	11.58	11.52	---	11.73	11.67	11.71	11.83	12.30	11.57	10.77
31	10.98	---	11.50	11.68	---	11.78	---	11.85	---	12.29	11.59	---
MEAN	10.97	11.38	11.51	11.48	11.64	11.33	11.70	---	12.13	12.08	11.92	11.23
MAX	11.21	11.76	11.81	11.76	11.96	11.82	11.97	---	12.39	12.46	12.48	11.60
MIN	10.60	10.90	11.18	11.14	11.21	10.70	11.45	---	11.83	11.50	11.57	10.66

CAL YR 1988 TOTAL 4241.74 MEAN 11.59 HIGH 10.60 LOW 12.81



BEAUFORT COUNTY

321603080432204. Local number, BFT-1812.
LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park on Hilton Head Plantation on Hilton Head Island.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Shallow.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 30 ft, cased to 21 ft, screened interval from 21 to 30 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--August 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 7.17 ft below land-surface datum, Sept. 20, 1988; lowest, 10.02 ft below land-surface datum, Aug. 8, 1989 .

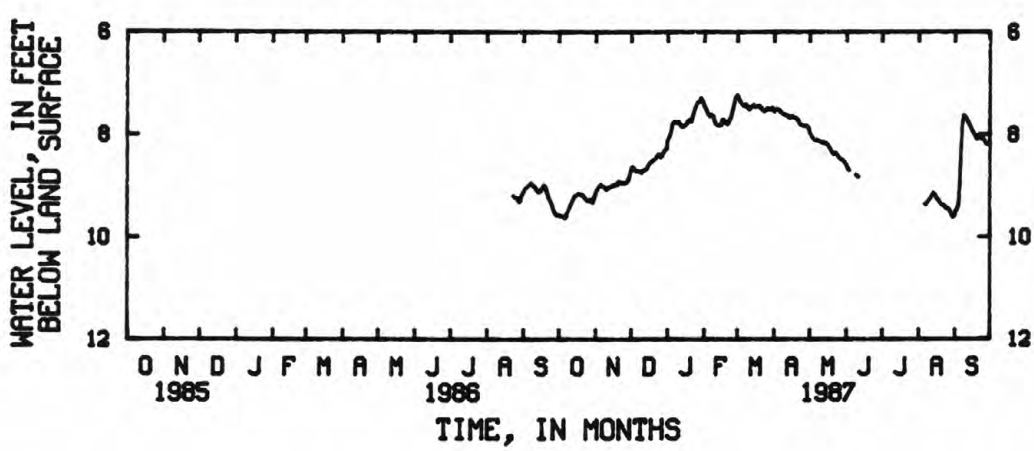
WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	9.12
2	---	---	---	---	---	---	---	---	---	---	---	9.07
3	---	---	---	---	---	---	---	---	---	---	---	9.05
4	---	---	---	---	---	---	---	---	---	---	---	9.03
5	---	---	---	---	---	---	---	---	---	---	---	9.00
6	---	---	---	---	---	---	---	---	---	---	---	8.98
7	---	---	---	---	---	---	---	---	---	---	---	8.96
8	---	---	---	---	---	---	---	---	---	---	---	8.98
9	---	---	---	---	---	---	---	---	---	---	---	9.01
10	---	---	---	---	---	---	---	---	---	---	---	9.03
11	---	---	---	---	---	---	---	---	---	---	---	9.05
12	---	---	---	---	---	---	---	---	---	---	---	9.09
13	---	---	---	---	---	---	---	---	---	---	---	9.13
14	---	---	---	---	---	---	---	---	---	---	---	9.14
15	---	---	---	---	---	---	---	---	---	---	---	9.12
16	---	---	---	---	---	---	---	---	---	---	---	9.08
17	---	---	---	---	---	---	---	---	---	---	---	9.05
18	---	---	---	---	---	---	---	---	---	---	---	9.00
19	---	---	---	---	---	---	---	---	---	---	---	9.03
20	---	---	---	---	---	---	---	---	---	---	---	9.08
21	---	---	---	---	---	---	---	---	---	---	---	9.17
22	---	---	---	---	---	---	---	---	---	---	---	9.25
23	---	---	---	---	---	---	---	---	---	---	9.21	9.29
24	---	---	---	---	---	---	---	---	---	---	9.23	9.34
25	---	---	---	---	---	---	---	---	---	---	9.25	9.41
26	---	---	---	---	---	---	---	---	---	---	9.25	9.48
27	---	---	---	---	---	---	---	---	---	---	9.29	9.53
28	---	---	---	---	---	---	---	---	---	---	9.33	9.58
29	---	---	---	---	---	---	---	---	---	---	9.31	9.59
30	---	---	---	---	---	---	---	---	---	---	9.21	9.58
31	---	---	---	---	---	---	---	---	---	---	9.16	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	9.17
MAX	---	---	---	---	---	---	---	---	---	---	---	9.59
MIN	---	---	---	---	---	---	---	---	---	---	---	8.96

321603080432204.Local number, BFT-1812--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

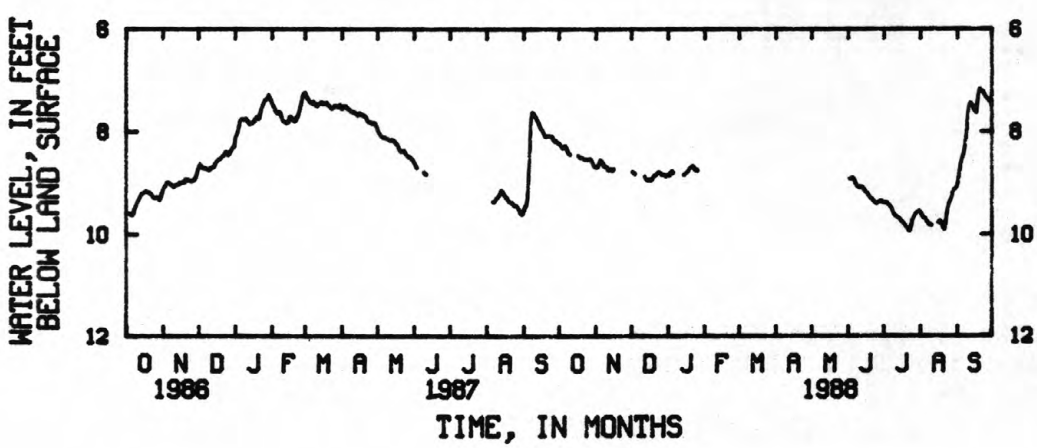
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.59	9.12	8.67	8.11	7.46	7.24	7.56	7.99	8.62	---	---	9.53
2	9.60	9.08	8.63	8.06	7.50	7.31	7.53	8.03	8.67	---	---	9.48
3	9.61	9.05	8.66	8.00	7.55	7.36	7.51	8.07	8.71	---	---	9.43
4	9.61	9.00	8.70	7.91	7.61	7.39	7.51	8.10	---	---	---	9.30
5	9.63	8.98	8.71	7.79	7.64	7.42	7.54	8.12	---	---	---	8.96
6	9.64	9.00	8.72	7.76	7.65	7.45	7.56	8.12	---	---	9.37	8.31
7	9.61	9.02	8.72	7.75	7.63	7.46	7.58	8.12	---	---	9.38	7.78
8	9.52	9.04	8.73	7.77	7.65	7.42	7.60	8.14	---	---	9.34	7.63
9	9.46	9.05	8.74	7.76	7.73	7.45	7.62	8.15	8.80	---	9.30	7.64
10	9.40	9.08	8.75	7.75	7.79	7.50	7.63	8.16	8.83	---	9.28	7.67
11	9.36	9.06	8.71	7.78	7.81	7.51	7.63	8.17	8.84	---	9.25	7.72
12	9.31	9.04	8.70	7.82	7.83	7.48	7.64	8.18	---	---	9.20	7.77
13	9.25	9.03	8.69	7.85	7.84	7.46	7.67	8.17	---	---	9.15	7.81
14	9.20	9.02	8.67	7.84	7.83	7.44	7.69	8.18	---	---	9.17	7.87
15	9.20	8.99	8.62	7.84	7.82	7.43	7.66	8.20	---	---	9.21	7.93
16	9.18	9.00	8.59	7.82	7.72	7.46	7.65	8.22	---	---	9.25	7.96
17	9.16	8.99	8.56	7.79	7.72	7.46	7.67	8.25	---	---	9.29	8.00
18	9.17	8.97	8.53	7.74	7.75	7.45	7.68	8.29	---	---	9.30	8.05
19	9.18	8.98	8.53	7.71	7.78	7.44	7.69	8.34	---	---	9.35	8.10
20	9.18	8.92	8.50	7.74	7.80	7.48	7.71	8.37	---	---	9.38	8.10
21	9.20	8.93	8.48	7.74	7.79	7.49	7.73	8.40	---	---	9.39	8.09
22	9.22	8.95	8.46	7.64	7.73	7.53	7.79	8.38	---	---	9.39	8.09
23	9.26	8.94	8.42	7.57	7.68	7.55	7.82	8.38	---	---	9.42	8.09
24	9.29	8.95	8.39	7.49	7.61	7.55	7.82	8.41	---	---	9.45	8.10
25	9.30	8.96	8.43	7.43	7.50	7.53	7.83	8.45	---	---	9.45	8.11
26	9.29	8.95	8.45	7.38	7.40	7.50	7.85	8.48	---	---	9.46	8.16
27	9.28	8.94	8.43	7.37	7.29	7.50	7.84	8.50	---	---	9.49	8.20
28	9.31	8.90	8.37	7.35	7.25	7.51	7.84	8.50	---	---	9.53	8.19
29	9.34	8.84	8.33	7.29	---	7.52	7.86	8.52	---	---	9.59	8.21
30	9.28	8.76	8.30	7.34	---	7.48	7.91	8.55	---	---	9.62	8.23
31	9.20	---	8.29	7.38	---	7.50	---	8.58	---	---	9.61	---
MEAN	9.35	8.98	8.56	7.70	7.66	7.46	7.69	8.27	---	---	---	8.22
MAX	9.64	9.12	8.75	8.11	7.84	7.55	7.91	8.58	---	---	---	9.53
MIN	9.16	8.76	8.29	7.29	7.25	7.24	7.51	7.99	---	---	---	7.63



321603080432204.Local number, BFT-1812--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

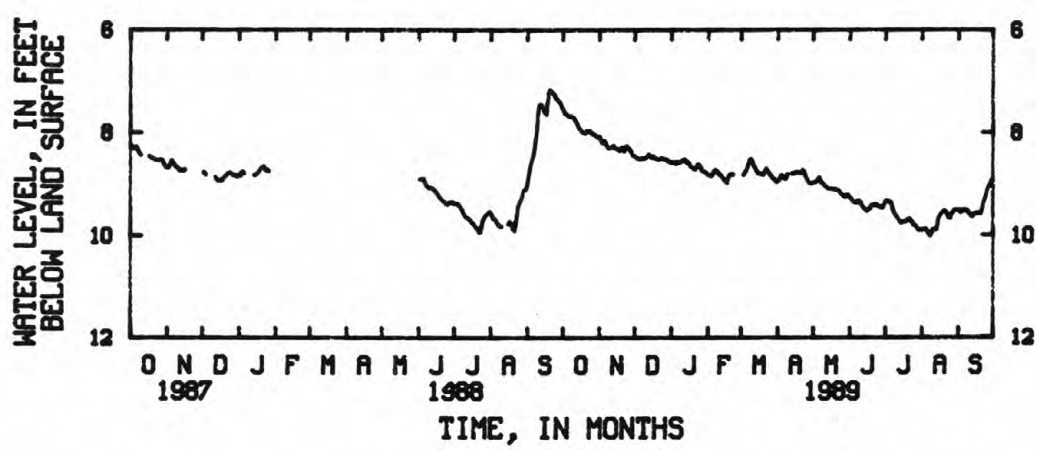
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.24	8.70	---	8.84	---	---	---	---	---	9.39	9.58	9.02
2	8.27	8.70	8.79	8.85	---	---	---	---	8.92	9.39	9.63	8.88
3	8.29	8.66	8.81	8.79	---	---	---	---	8.93	9.39	9.67	8.75
4	8.33	8.63	8.83	8.77	---	---	---	---	8.91	9.40	9.69	8.61
5	8.31	8.56	---	8.80	---	---	---	---	8.91	9.43	9.70	8.53
6	8.29	8.59	---	---	---	---	---	---	8.96	9.46	9.75	8.45
7	8.32	8.63	---	---	---	---	---	---	9.02	9.49	9.79	8.33
8	8.38	8.67	---	---	---	---	---	---	9.06	9.53	9.81	8.17
9	8.43	8.69	---	---	---	---	---	---	9.08	9.59	9.82	7.97
10	8.45	8.70	---	---	---	---	---	---	9.10	9.63	9.83	7.62
11	---	8.75	---	---	---	---	---	---	9.08	9.66	---	7.48
12	---	8.76	8.88	---	---	---	---	---	9.09	9.67	---	7.44
13	---	8.74	8.93	---	---	---	---	---	9.10	9.69	---	7.46
14	---	8.75	8.95	8.84	---	---	---	---	9.13	9.70	---	7.52
15	---	8.76	8.95	8.83	---	---	---	---	9.16	9.73	---	7.57
16	---	8.74	8.94	8.81	---	---	---	---	9.19	9.76	9.78	7.61
17	8.48	---	8.95	8.78	---	---	---	---	9.21	9.78	9.74	7.64
18	8.49	---	8.94	8.76	---	---	---	---	9.25	9.81	9.76	7.42
19	8.51	---	8.89	8.72	---	---	---	---	9.28	9.84	9.81	7.23
20	8.51	---	8.86	8.70	---	---	---	---	9.31	9.87	9.88	7.17
21	8.52	---	8.86	8.67	---	---	---	---	9.33	9.90	9.91	7.19
22	8.55	---	8.82	8.67	---	---	---	---	9.35	9.94	9.80	7.22
23	8.55	---	8.80	8.72	---	---	---	---	9.37	9.94	9.62	7.23
24	8.55	---	8.79	8.75	---	---	---	---	9.40	9.84	9.48	7.27
25	8.55	---	8.80	8.74	---	---	---	---	9.41	9.73	9.39	7.33
26	8.55	---	8.82	8.76	---	---	---	---	9.39	9.68	9.34	7.35
27	8.54	---	8.84	---	---	---	---	---	9.38	9.63	9.29	7.37
28	8.56	---	8.84	---	---	---	---	---	9.36	9.60	9.19	7.41
29	8.61	---	8.84	---	---	---	---	---	9.36	9.58	9.13	7.44
30	8.66	---	8.87	---	---	---	---	---	9.38	9.56	9.12	7.50
31	8.69	---	8.86	---	---	---	---	---	---	9.55	9.09	---
MEAN	---	---	---	---	---	---	---	---	---	9.65	---	7.74
MAX	---	---	---	---	---	---	---	---	---	9.94	---	9.02
MIN	---	---	---	---	---	---	---	---	---	9.39	---	7.17



321603080432204.Local number, BFT-1812--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.55	8.09	8.48	8.59	8.83	---	8.96	8.99	9.28	9.34	9.91	9.51
2	7.59	8.14	8.49	8.59	8.84	---	8.94	8.98	9.31	9.33	9.90	9.53
3	7.64	8.20	8.51	8.59	8.85	8.83	8.88	8.98	9.34	9.35	9.89	9.56
4	7.64	8.21	8.52	8.60	8.86	8.78	8.84	8.95	9.36	9.35	9.89	9.51
5	7.67	8.17	8.53	8.62	8.82	8.76	8.86	8.90	9.38	9.35	9.91	9.52
6	7.69	8.20	8.51	8.58	8.77	8.69	8.89	8.88	9.39	9.40	9.96	9.53
7	7.69	8.26	8.51	8.59	8.74	8.60	8.91	8.94	9.35	9.49	10.00	9.51
8	7.69	8.30	8.51	8.59	8.75	8.54	8.90	8.99	9.38	9.56	10.02	9.52
9	7.71	8.31	8.51	8.58	8.78	8.52	8.82	9.00	9.35	9.60	9.98	9.54
10	7.72	8.30	8.50	8.56	8.80	8.55	---	9.03	9.38	9.63	9.91	9.58
11	7.75	8.30	8.49	8.55	8.82	8.62	---	9.05	9.43	9.67	9.89	9.60
12	7.79	8.29	8.46	8.53	8.85	8.67	---	9.08	9.47	9.70	9.89	9.64
13	7.84	8.26	8.43	8.55	8.88	8.71	8.80	9.10	9.49	9.73	9.90	9.64
14	7.89	8.29	8.46	8.59	8.91	8.76	8.80	9.11	9.51	9.77	9.82	9.60
15	7.93	8.32	8.49	8.59	8.94	8.80	8.80	9.11	9.54	9.77	9.68	9.59
16	7.96	8.33	8.50	8.62	8.97	8.80	8.78	9.11	9.52	9.75	9.63	9.58
17	7.99	8.33	8.48	8.66	8.99	8.81	8.78	9.11	9.50	9.75	9.59	9.58
18	8.01	8.36	8.50	8.68	8.90	8.82	8.79	9.12	9.49	9.75	9.56	9.58
19	8.01	8.34	8.51	8.70	8.84	8.82	8.79	9.12	9.43	9.72	9.54	9.57
20	8.02	8.30	8.53	8.72	8.82	8.82	8.80	9.12	9.42	9.70	9.53	9.58
21	7.98	8.35	8.53	8.73	8.82	8.77	8.77	9.13	9.42	9.69	9.54	9.49
22	7.98	8.37	8.53	8.69	8.82	8.71	8.74	9.14	9.41	9.71	9.57	9.36
23	7.98	8.29	8.52	8.64	---	8.75	8.76	9.16	9.43	9.74	9.62	9.32
24	7.98	8.27	8.51	8.63	---	8.78	8.82	9.19	9.41	9.76	9.67	9.26
25	8.01	8.30	8.51	8.66	---	8.81	8.88	9.22	9.45	9.81	9.67	9.14
26	8.03	8.32	8.53	8.70	---	8.84	8.93	9.24	9.45	9.82	9.61	9.08
27	8.04	8.35	8.54	8.76	---	8.89	8.98	9.26	9.47	9.84	9.57	9.06
28	8.05	8.38	8.54	8.77	---	8.91	9.00	9.27	9.48	9.87	9.54	8.98
29	8.08	8.45	8.56	8.78	---	8.91	9.00	9.23	9.47	9.91	9.51	8.94
30	8.09	8.46	8.58	8.79	---	8.96	9.00	9.23	9.41	9.91	9.51	8.93
31	8.10	---	8.59	8.81	---	8.97	---	9.25	---	9.90	9.52	---
MEAN	7.87	8.29	8.51	8.65	---	---	---	9.10	9.42	9.67	9.73	9.43
MAX	8.10	8.46	8.59	8.81	---	---	---	9.27	9.54	9.91	10.02	9.64
MIN	7.55	8.09	8.43	8.53	---	---	---	8.88	9.28	9.33	9.51	8.93



BEAUFORT COUNTY

321358080403802. Local number, BFT-1814.
LOCATION.--Lat 32°13'58'', long 80°40'38'', Hydrologic Unit 03050208, at Ft. Walker, Port Royal Plantation, on Hilton Head Island.
Owner: South Carolina Water Resource Commission.
AQUIFER.--Floridan.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 210 ft, cased to 120 ft, open hole from 120 to 210 ft.
INSTRUMENTATION.--Digital recorder--60 min punch.
DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.
REMARKS.--Water level affected by pumping.
PERIOD OF RECORD.--October 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.35 ft below land-surface datum, Jan. 1, 1987; lowest, 16.33 ft below land-surface datum, July 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

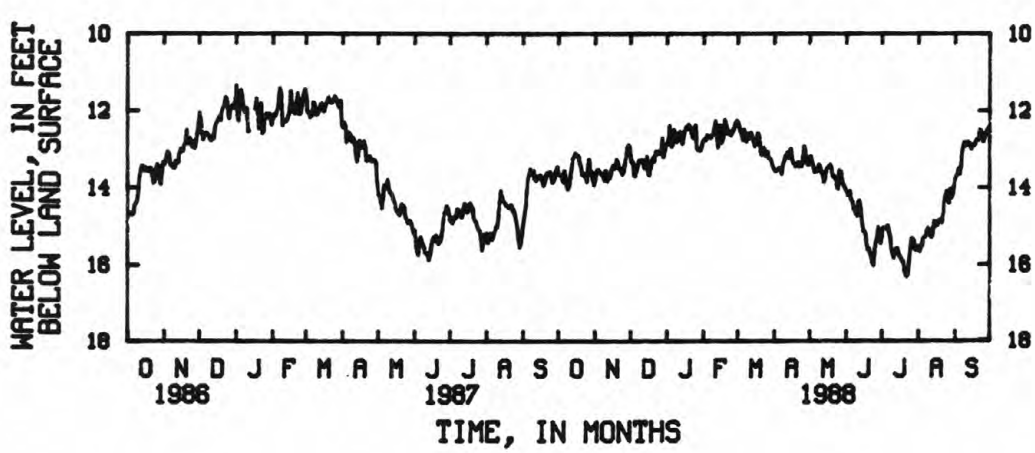
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	13.41	12.07	11.35	12.23	11.64	12.46	14.19	15.13	14.84	15.20	14.97
2	14.73	13.35	12.25	12.13	12.11	12.04	12.33	14.25	15.54	14.88	15.44	14.76
3	14.67	13.17	12.65	12.28	12.15	12.09	12.39	14.38	15.68	14.93	15.22	14.55
4	14.71	13.08	12.78	11.74	12.06	12.19	12.84	14.55	15.76	14.77	15.20	14.15
5	14.71	13.13	12.69	11.48	11.92	12.15	12.80	14.33	15.41	14.80	15.21	13.79
6	14.69	13.40	12.60	11.66	11.63	12.15	12.58	13.94	15.30	14.77	15.35	13.67
7	14.46	13.45	12.60	11.91	11.43	11.81	12.62	14.03	15.43	14.56	15.22	13.52
8	14.43	13.43	12.64	12.05	11.60	11.83	12.68	13.93	15.49	14.57	15.13	13.58
9	14.36	13.50	12.68	11.96	12.41	12.12	12.83	13.81	15.57	14.66	15.03	13.66
10	14.17	13.50	12.78	11.96	12.26	12.13	12.74	14.02	15.70	14.74	15.03	13.57
11	13.74	13.33	12.79	12.57	12.31	12.05	12.85	14.13	15.71	14.77	14.83	13.78
12	13.58	13.37	12.72	12.55	12.30	12.02	13.18	14.15	15.78	14.63	14.39	13.83
13	13.45	13.36	12.74	---	12.25	11.91	13.34	14.22	15.90	14.41	14.09	13.78
14	13.45	13.12	12.46	---	12.14	11.82	13.19	14.34	15.76	14.43	14.22	13.72
15	13.57	13.00	12.33	---	12.06	11.88	12.80	14.42	15.55	14.64	14.36	13.70
16	13.48	13.07	12.29	---	11.50	12.03	12.95	14.60	15.36	14.63	14.39	13.69
17	13.54	13.05	12.21	11.96	11.84	11.89	12.97	14.64	15.28	14.49	14.43	13.80
18	13.58	12.91	12.15	11.70	11.99	11.82	12.87	14.68	15.39	14.41	14.48	13.95
19	13.58	12.82	12.25	12.05	12.09	11.72	12.82	14.73	15.24	14.51	14.51	13.90
20	13.51	12.51	12.02	12.49	12.08	11.66	12.97	14.56	15.34	14.54	14.53	13.78
21	13.52	12.88	11.90	12.21	11.80	11.79	13.33	14.44	15.46	14.79	14.49	13.63
22	13.73	12.80	11.89	11.83	11.56	11.80	13.32	14.47	15.43	14.88	14.46	13.62
23	13.89	12.74	11.65	12.62	12.11	11.79	13.24	14.52	15.36	14.88	14.63	13.65
24	13.85	12.88	11.71	12.57	12.09	11.73	13.20	14.74	15.19	15.02	14.59	13.60
25	13.56	12.97	12.09	12.15	11.93	11.63	13.34	14.84	14.87	15.10	14.71	13.71
26	13.41	12.83	12.22	12.17	11.69	11.70	13.29	14.93	14.65	15.12	14.86	13.87
27	13.47	13.00	11.95	12.09	11.53	11.74	13.32	14.92	14.65	15.35	15.03	13.83
28	13.78	12.83	11.92	12.19	11.45	11.88	13.31	14.87	14.47	15.64	15.35	13.70
29	13.93	12.64	11.86	12.09	---	11.92	13.38	14.92	14.53	15.46	15.56	13.52
30	13.67	12.37	11.94	12.17	---	11.77	13.85	15.07	14.68	15.22	15.47	13.46
31	13.35	---	11.92	12.38	---	12.41	---	15.20	---	15.27	15.26	---
MEAN	---	13.06	12.28	---	11.95	11.91	12.99	14.48	15.32	14.83	14.86	13.82
MAX	---	13.50	12.79	---	12.41	12.41	13.85	15.20	15.90	15.64	15.56	14.97
MIN	---	12.37	11.65	---	11.43	11.63	12.33	13.81	14.47	14.41	14.09	13.46

321358080403802.Local number, BFT-1814--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.65	13.81	13.15	12.88	12.78	12.30	13.57	13.24	14.11	15.29	15.64	13.77
2	13.67	13.60	13.36	12.80	12.75	12.40	13.60	13.20	14.22	15.05	15.67	13.72
3	13.70	13.55	13.33	12.40	12.77	12.55	13.58	13.37	14.22	15.04	15.54	13.67
4	13.72	13.55	13.71	12.64	12.65	12.63	13.54	13.48	14.12	15.06	15.53	13.52
5	13.86	13.61	13.71	12.95	12.68	12.78	13.51	13.62	14.35	15.08	15.33	13.66
6	13.58	13.65	13.57	12.85	12.70	12.51	13.53	13.56	14.37	15.00	15.30	13.46
7	13.81	13.66	13.44	12.51	12.72	12.68	13.67	13.60	14.60	15.16	15.28	13.06
8	13.97	13.72	13.31	12.61	12.64	12.83	13.41	13.52	14.57	15.25	15.13	12.90
9	14.06	13.83	13.33	12.83	12.63	12.61	13.33	13.44	14.70	15.60	15.06	12.83
10	13.96	13.57	13.29	12.77	12.43	12.74	13.17	13.50	14.75	15.74	15.14	12.93
11	13.76	13.84	13.30	12.63	12.28	12.65	13.17	13.64	14.40	15.85	15.26	12.91
12	13.51	13.74	13.39	12.56	12.59	12.59	13.09	13.71	14.35	15.73	15.31	12.83
13	13.24	13.76	13.51	12.74	12.97	12.68	13.24	13.88	14.57	15.61	15.23	12.88
14	13.20	13.69	13.28	12.87	12.67	12.78	13.02	13.77	14.90	15.59	14.87	12.87
15	13.11	13.53	13.20	12.64	12.38	12.95	13.01	13.55	15.15	15.69	15.03	13.01
16	13.17	13.44	13.67	12.53	12.85	12.88	13.25	13.49	15.14	15.81	14.91	12.92
17	13.17	13.51	13.69	12.42	12.77	12.82	13.39	13.49	15.22	15.83	14.99	12.92
18	13.21	13.49	13.51	12.49	12.63	12.61	13.40	13.42	15.51	15.95	14.86	12.89
19	13.39	13.28	13.34	12.36	12.24	12.69	13.47	13.49	15.64	15.94	14.84	12.77
20	13.47	13.33	13.24	12.42	12.38	13.08	13.40	13.64	15.60	16.21	14.85	12.75
21	13.69	13.51	13.33	12.45	12.61	13.17	13.36	13.74	15.75	16.29	14.92	12.77
22	13.65	13.54	13.06	12.62	12.61	13.03	13.48	13.74	15.85	16.33	14.68	12.51
23	13.70	13.53	13.15	12.72	12.55	12.99	13.41	13.80	15.97	16.28	14.32	12.53
24	13.75	13.67	13.11	12.66	12.65	13.18	13.46	14.01	16.04	15.98	14.21	12.67
25	13.86	13.61	13.06	12.39	12.59	13.20	13.34	14.06	15.65	15.65	14.10	12.82
26	13.48	13.44	13.13	12.99	12.54	13.10	12.93	13.57	15.40	15.33	14.31	12.73
27	13.28	13.25	13.07	13.04	12.45	13.25	13.00	13.58	15.34	15.34	14.41	12.60
28	13.57	12.95	12.73	13.02	12.32	13.26	13.36	13.67	15.04	15.39	14.04	12.55
29	13.61	12.90	13.22	13.06	12.26	13.31	13.40	13.94	15.23	15.63	14.28	12.46
30	13.80	12.92	13.05	12.98	---	13.44	13.43	13.97	15.46	15.64	14.21	12.55
31	13.95	---	12.96	12.85	---	13.51	---	14.05	---	15.55	14.02	---
MEAN	13.60	13.52	13.30	12.70	12.59	12.88	13.35	13.64	15.01	15.61	14.88	12.95
MAX	14.06	13.84	13.71	13.06	12.97	13.51	13.67	14.06	16.04	16.33	15.67	13.77
MIN	13.11	12.90	12.73	12.36	12.24	12.30	12.93	13.20	14.11	15.00	14.02	12.46

WTR YR 1988 TOTAL 5004.30 MEAN 13.67 HIGH 12.24 LOW 16.33

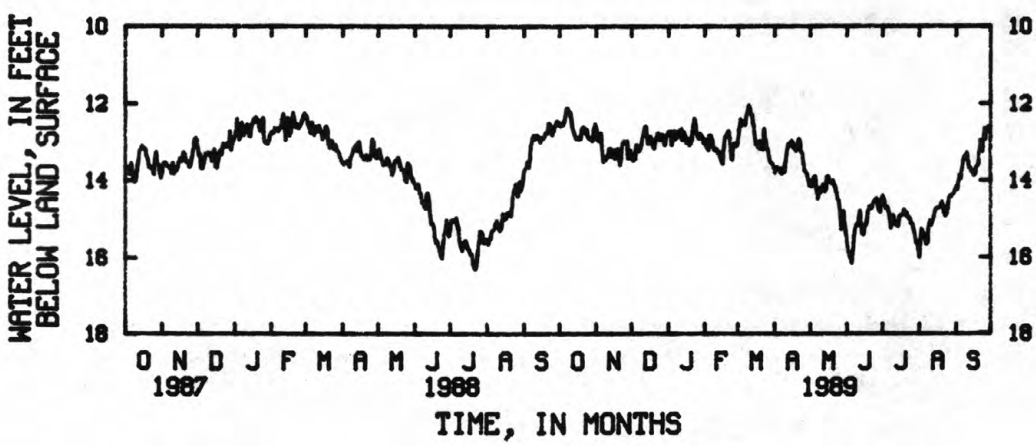


321358080403802.Local number, BFT-1814--continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.50	12.65	13.38	12.74	12.95	13.02	13.82	14.03	15.66	14.41	16.02	14.17
2	12.58	12.93	13.49	12.73	13.13	12.71	13.69	14.18	15.91	14.51	15.57	14.24
3	12.56	12.98	13.48	12.73	13.18	12.40	13.68	14.08	16.01	14.69	15.28	14.05
4	12.56	12.83	13.45	13.09	13.22	12.58	13.73	13.94	16.05	14.74	15.37	13.87
5	12.47	12.79	13.08	12.76	12.84	12.54	13.72	13.91	16.18	14.72	15.51	13.96
6	12.33	13.22	13.19	12.72	12.84	12.47	13.81	14.27	15.82	14.84	15.47	13.71
7	12.13	13.53	13.24	12.93	12.93	12.56	13.84	14.50	15.44	15.02	15.68	13.46
8	12.13	13.49	13.20	12.83	13.15	12.33	13.70	14.39	15.25	15.26	15.64	13.38
9	12.22	13.48	13.10	12.88	13.22	12.22	13.79	14.22	15.16	15.11	15.19	13.36
10	12.23	13.39	12.90	12.71	13.22	12.05	13.53	14.32	15.18	14.94	15.06	13.29
11	12.38	13.41	12.82	12.73	13.20	12.12	13.31	14.18	14.97	15.11	15.18	13.50
12	12.65	13.18	12.61	12.67	13.32	12.28	13.06	14.12	14.81	15.17	15.05	13.69
13	12.75	13.18	12.60	12.96	13.28	12.30	13.07	14.30	15.15	15.16	14.99	13.69
14	12.84	13.39	12.89	12.76	13.42	12.53	13.10	14.26	15.40	15.21	14.81	13.79
15	12.92	13.37	13.04	12.81	13.50	12.84	12.97	13.91	15.43	15.00	14.74	13.81
16	12.91	13.22	12.88	13.03	13.58	13.09	13.01	13.90	15.22	14.93	14.72	13.89
17	12.94	13.44	12.88	12.94	13.16	13.00	13.16	14.01	15.17	14.93	14.72	13.86
18	12.93	13.43	13.01	12.93	12.91	13.16	13.19	14.06	15.05	14.91	14.71	13.67
19	12.92	13.18	13.14	13.10	12.82	13.19	13.24	14.08	14.81	14.78	14.64	13.64
20	12.68	13.29	13.17	13.05	12.77	12.99	13.19	14.03	14.69	14.91	14.57	13.57
21	12.62	13.61	12.95	12.96	12.72	13.17	12.92	14.11	14.74	14.86	14.66	12.96
22	12.76	13.45	12.92	12.61	12.89	13.21	12.98	14.19	14.73	14.97	14.86	13.12
23	12.67	13.05	12.78	12.39	13.22	12.67	13.25	14.34	14.62	15.00	14.94	13.26
24	12.69	12.99	12.80	12.50	13.48	12.96	13.31	14.51	14.55	15.01	14.89	12.91
25	12.87	13.04	12.95	12.77	13.15	13.15	13.56	14.55	14.49	15.14	14.74	12.65
26	12.92	13.03	12.89	12.86	13.05	13.21	13.77	14.81	14.48	15.16	14.47	12.94
27	12.90	12.99	12.82	12.92	13.06	13.39	13.80	15.30	14.64	15.28	14.40	12.65
28	12.96	13.44	12.93	12.80	13.11	13.53	13.84	14.95	14.79	15.40	14.43	12.61
29	12.98	13.43	13.09	12.84	---	13.56	14.01	14.82	14.84	15.65	14.38	12.67
30	12.70	13.23	12.89	12.88	---	13.59	14.15	15.18	14.53	15.61	14.35	12.73
31	12.53	---	12.81	13.05	---	13.66	---	15.39	---	15.83	14.27	---
MEAN	12.65	13.22	13.01	12.83	13.12	12.85	13.47	14.35	15.13	15.04	14.95	13.44
MAX	12.98	13.61	13.49	13.10	13.58	13.66	14.15	15.39	16.18	15.83	16.02	14.24
MIN	12.13	12.65	12.60	12.39	12.72	12.05	12.92	13.90	14.48	14.41	14.27	12.61

CAL YR 1988 TOTAL 4957.32 MEAN 13.54 HIGH 12.13 LOW 16.33
WTR YR 1989 TOTAL 4991.21 MEAN 13.67 HIGH 12.05 LOW 16.18

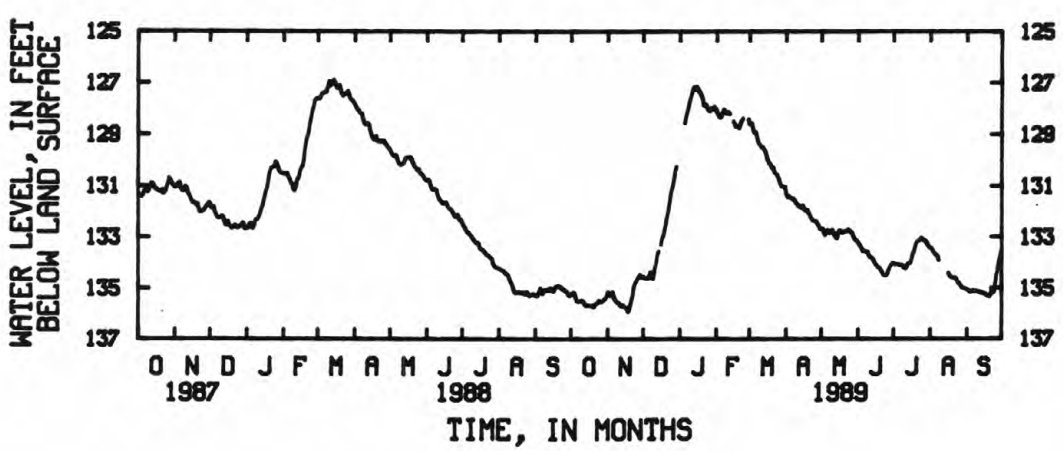


BERKELEY COUNTY

330218080080700. Local number, BRK-91.
LOCATION.--Lat 33°02'18'', long 80°08'07'', Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Highway 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.
Owner: Berkeley-Sangaree Public Service District.
AQUIFER.--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.--Data collection platform--60 minute collection interval.
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, 139.36 ft below land-surface datum, Sept. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	135.29	135.16	134.56	---	128.11	128.62	131.34	132.73	133.26	134.04	133.45	135.08
2	135.24	135.21	134.63	---	128.23	128.63	131.47	132.70	133.33	134.09	133.47	135.11
3	135.20	135.32	134.63	---	128.32	128.61	131.42	132.86	133.41	134.09	133.55	135.15
4	135.22	135.27	134.62	---	128.37	128.86	131.47	132.95	133.49	134.08	133.63	135.18
5	135.42	135.18	134.64	128.57	128.31	128.97	131.49	132.86	133.60	134.09	133.70	135.14
6	135.53	135.34	134.56	128.31	128.16	128.93	131.55	132.76	133.58	134.12	133.74	135.12
7	135.55	135.45	134.38	128.17	128.05	129.11	131.54	132.81	133.58	134.13	133.78	135.14
8	135.54	135.52	---	127.94	128.11	129.31	131.59	132.87	133.63	134.12	133.93	135.14
9	135.54	135.58	134.65	127.73	128.19	129.38	131.69	132.86	133.62	134.16	---	135.13
10	135.50	135.59	134.46	127.59	128.19	129.45	131.74	132.75	133.75	134.24	---	135.14
11	135.52	135.65	134.18	127.40	128.17	129.54	131.77	132.83	133.82	134.25	---	135.15
12	135.60	135.74	133.99	127.20	128.22	129.52	131.85	132.95	133.84	134.18	---	135.18
13	135.70	135.69	133.66	127.16	---	129.60	131.87	133.05	133.86	134.06	---	135.22
14	135.72	135.69	133.58	127.26	---	129.68	131.90	133.09	133.96	134.03	---	135.20
15	135.69	135.76	---	127.15	128.52	129.82	131.80	132.90	134.05	134.03	---	135.22
16	135.70	135.79	133.30	127.23	128.59	129.99	131.90	132.77	134.12	133.88	134.43	135.24
17	135.71	135.84	133.05	127.33	128.73	130.14	132.00	132.77	134.17	133.68	134.52	135.26
18	135.72	135.96	132.94	127.38	128.71	130.15	131.99	132.84	134.23	133.58	134.60	135.30
19	135.70	135.88	132.74	127.50	128.74	130.26	131.98	132.85	134.25	133.40	134.62	135.33
20	135.78	135.65	132.54	127.61	128.78	130.35	132.09	132.81	134.32	133.22	134.62	135.35
21	135.69	135.46	132.24	127.89	128.62	130.32	132.16	132.81	134.41	133.18	134.63	135.25
22	135.63	135.26	132.02	127.92	128.49	130.51	132.27	132.80	134.50	133.16	134.63	135.08
23	135.61	134.93	131.73	127.87	128.40	130.54	132.33	132.74	134.54	133.11	134.68	135.19
24	135.51	134.80	131.39	127.99	---	130.58	132.39	132.74	134.55	133.05	134.77	135.15
25	135.55	134.75	131.15	128.09	---	130.71	132.41	132.79	134.52	133.08	134.84	134.80
26	135.52	134.65	131.00	128.12	---	130.82	132.41	132.83	134.41	133.12	134.89	134.41
27	135.54	134.56	130.73	128.01	---	130.95	132.46	132.88	134.28	133.16	134.95	134.18
28	135.50	134.48	130.39	128.05	128.43	131.04	132.54	132.99	134.16	133.19	135.01	133.93
29	135.46	134.59	130.26	128.04	---	131.06	132.63	133.10	134.08	133.26	135.03	133.71
30	135.42	134.55	---	127.95	---	131.07	132.73	133.15	134.02	133.36	135.04	133.53
31	135.33	---	---	128.02	---	131.08	---	133.20	---	133.41	135.06	---
MEAN	135.54	135.31	---	---	---	129.92	131.96	132.87	133.98	133.70	---	134.97
MAX	135.78	135.96	---	---	---	131.08	132.73	133.20	134.55	134.25	---	135.35
MIN	135.20	134.48	---	---	---	128.61	131.34	132.70	133.26	133.05	---	133.53

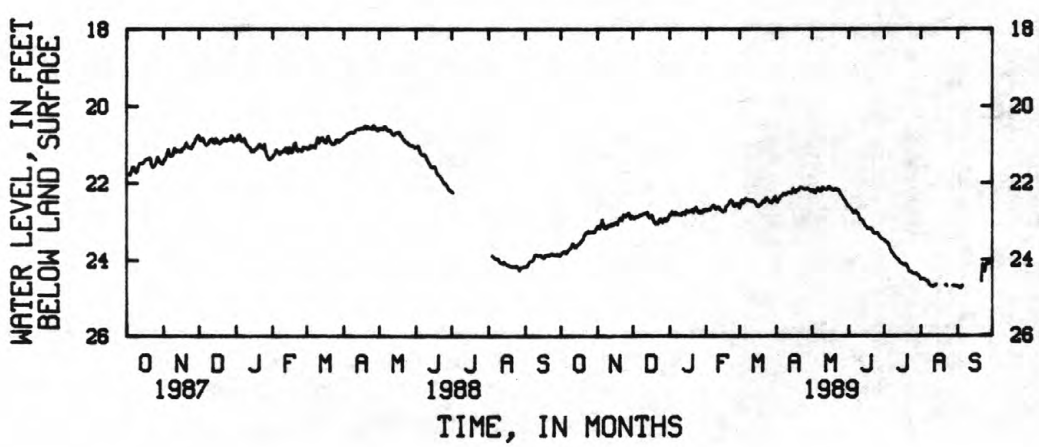


CHARLESTON COUNTY

324741080041400. Local number, CHN-44.
LOCATION.--Lat 32°47'41'', long 80°04'14'', Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Highway 17 at elevated water tank.
Owner: U.S. Department of Agriculture.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. Casing and screened intervals unknown.
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 FOR PERIOD OF RECORD.--Highest mean water level 13.54 ft below land-surface datum, Mar. 18, 1983; lowest, 24.76 ft below land-surface datum, Sept. 3, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.87	23.12	22.88	22.82	22.69	22.66	22.47	22.19	22.64	23.50	24.54	24.72
2	23.83	23.15	22.93	22.83	22.71	22.55	22.50	22.19	22.67	23.54	24.53	24.74
3	23.79	23.18	22.90	22.74	22.70	22.44	22.43	22.26	22.69	23.57	24.53	24.76
4	23.78	23.09	22.88	22.81	22.70	22.52	22.40	22.26	22.74	23.58	24.54	24.75
5	23.82	22.96	22.88	22.82	22.64	22.49	22.33	22.18	22.80	23.63	24.57	24.70
6	23.82	23.07	22.86	22.76	22.60	22.40	22.33	22.13	22.74	23.73	24.58	---
7	23.76	23.17	22.83	22.82	22.58	22.43	22.27	22.18	22.74	23.81	24.59	---
8	23.73	23.18	22.84	22.81	22.62	22.45	22.28	22.22	22.80	23.85	24.67	---
9	23.70	23.17	22.81	22.82	22.68	22.45	22.31	22.20	22.82	23.89	24.70	---
10	23.65	23.11	22.81	22.83	22.66	22.45	22.26	22.11	22.93	23.94	24.72	---
11	23.58	23.11	22.78	22.83	22.63	22.47	22.24	22.15	22.98	23.97	24.72	---
12	23.60	23.12	22.80	22.77	22.65	22.45	22.25	22.16	22.98	24.00	24.70	---
13	23.67	23.06	22.76	22.79	22.70	22.49	22.26	22.17	23.01	24.02	24.69	---
14	23.67	23.10	22.86	22.81	22.73	22.51	22.26	22.16	23.08	24.08	24.67	---
15	23.63	23.08	22.91	22.71	22.75	22.56	22.14	22.10	23.14	24.11	---	---
16	23.59	23.03	22.88	22.74	22.73	22.62	22.19	22.11	23.16	24.12	---	---
17	23.57	23.03	22.85	22.75	22.73	22.62	22.25	22.15	23.21	24.15	---	---
18	23.53	23.07	22.95	22.73	22.61	22.57	22.21	22.19	23.20	24.16	---	---
19	23.48	22.98	23.02	22.73	22.57	22.57	22.17	22.19	23.19	24.14	---	---
20	23.45	22.91	23.07	22.69	22.54	22.53	22.17	22.16	23.22	24.16	---	---
21	23.35	22.96	23.04	22.76	22.46	22.46	22.11	22.16	23.26	24.24	---	24.58
22	23.30	22.96	23.06	22.69	22.44	22.50	22.12	22.18	23.32	24.33	24.68	24.12
23	23.30	22.82	23.00	22.63	22.49	22.40	22.13	22.18	23.34	24.34	24.71	24.29
24	23.25	22.83	22.94	22.68	22.59	22.39	22.15	22.24	23.33	24.34	---	24.32
25	23.29	22.87	22.96	22.75	22.62	22.45	22.16	22.29	23.33	24.37	---	24.13
26	23.27	22.83	23.03	22.78	22.55	22.47	22.16	22.34	23.36	24.39	---	24.09
27	23.28	22.78	22.99	22.74	22.54	22.52	22.14	22.39	23.40	24.39	---	24.13
28	23.27	22.82	22.93	22.77	22.57	22.53	22.15	22.45	23.45	24.38	24.70	24.08
29	23.28	22.93	22.99	22.76	---	22.48	22.18	22.48	23.48	24.42	24.71	24.02
30	23.25	22.87	22.96	22.70	---	22.41	22.23	22.55	23.49	24.44	24.70	23.97
31	23.19	---	22.91	22.72	---	22.35	---	22.60	---	24.48	24.72	---
MEAN	23.53	23.01	22.91	22.76	22.62	22.49	22.24	22.24	23.08	24.07	---	---
MAX	23.87	23.18	23.07	22.83	22.75	22.66	22.50	22.60	23.49	24.48	---	---
MIN	23.19	22.78	22.76	22.63	22.44	22.35	22.11	22.10	22.64	23.50	---	---

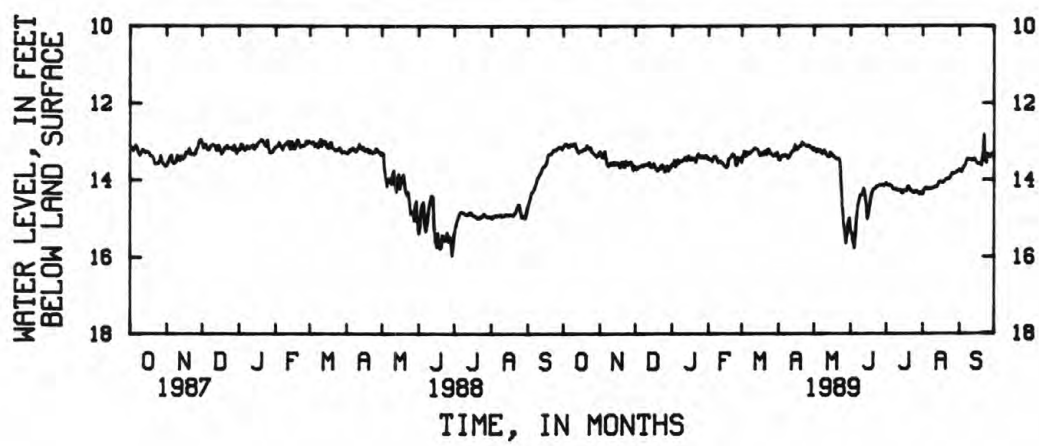


330247079340300. Local number, CHN-101.
LOCATION.--Lat 33°02'47'', long 79°34'03'', Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Highway 913 and U.S. Highway junction, 200 ft south of U.S. 17, near McClellanville.
Owner: U.S. Forest Service.
AQUIFER.--Santee Limestone.
WELL 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.--February 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 18.97 ft below land-surface datum, June 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.14	13.27	13.67	13.60	13.44	13.54	13.48	13.17	15.36	14.09	14.38	13.74
2	13.09	13.37	13.74	13.62	13.48	13.39	13.49	13.19	15.41	14.13	14.27	13.76
3	13.06	13.43	13.70	13.49	13.50	13.26	13.41	13.28	15.63	14.14	14.23	13.79
4	13.08	13.37	13.68	13.65	13.53	13.39	13.40	13.27	15.79	14.14	14.21	13.72
5	13.14	13.27	13.66	13.60	13.43	13.37	13.37	13.21	15.45	14.15	14.25	13.66
6	13.14	13.46	13.64	13.48	13.40	13.28	13.39	13.22	14.96	14.21	14.24	13.62
7	13.08	13.61	13.62	13.56	13.40	13.33	13.35	13.30	14.68	14.25	14.23	13.51
8	13.09	13.65	13.65	13.51	13.47	13.31	13.38	13.33	14.55	14.25	14.24	13.45
9	13.09	13.64	13.61	13.51	13.55	13.27	13.44	13.30	14.40	14.26	14.22	13.46
10	13.06	13.57	13.62	13.50	13.55	13.24	13.40	13.24	14.41	14.25	14.22	13.45
11	13.06	13.60	13.60	13.48	13.52	13.20	13.34	13.33	14.35	14.28	14.20	13.48
12	13.17	13.61	13.61	13.42	13.55	13.17	13.29	13.38	14.24	14.28	14.18	13.50
13	13.27	13.54	13.55	13.48	13.59	13.19	13.24	13.41	14.40	14.27	14.18	13.47
14	13.31	13.61	13.67	13.49	13.64	13.21	13.23	13.41	14.62	14.35	14.13	13.45
15	13.27	13.60	13.68	13.38	13.67	13.27	13.09	13.30	15.04	14.36	14.06	13.52
16	13.24	13.56	13.64	13.46	13.68	13.37	13.17	13.33	14.90	14.29	14.05	13.57
17	13.24	13.60	13.59	13.48	13.65	13.36	13.21	13.38	14.66	14.28	14.06	13.59
18	13.22	13.69	13.70	13.43	13.47	13.31	13.16	13.42	14.47	14.30	14.07	13.58
19	13.20	13.58	13.75	13.47	13.43	13.35	13.13	13.44	14.33	14.20	14.05	13.60
20	13.20	13.53	13.77	13.44	13.40	13.28	13.12	13.46	14.25	14.18	14.02	13.63
21	13.11	13.66	13.72	13.54	13.33	13.25	13.02	13.46	14.23	14.24	13.98	13.34
22	13.15	13.67	13.73	13.43	13.34	13.34	13.04	13.46	14.21	14.30	13.97	12.83
23	13.19	13.52	13.64	13.33	13.42	13.20	13.09	13.55	14.18	14.32	13.98	13.49
24	13.17	13.57	13.62	13.38	13.63	13.22	13.10	14.16	14.15	14.34	13.95	13.57
25	13.29	13.61	13.69	13.42	13.62	13.31	13.12	14.73	14.14	14.35	13.89	13.33
26	13.30	13.57	13.80	13.43	13.44	13.34	13.14	15.17	14.13	14.31	13.83	13.35
27	13.34	13.54	13.72	13.39	13.44	13.38	13.11	15.39	14.14	14.31	13.82	13.43
28	13.36	13.60	13.65	13.43	13.45	13.39	13.15	15.66	14.13	14.33	13.84	13.37
29	13.41	13.76	13.77	13.42	---	13.36	13.17	15.47	14.16	14.39	13.82	13.33
30	13.39	13.65	13.71	13.38	---	13.31	13.23	15.12	14.12	14.34	13.79	13.33
31	13.32	---	13.68	13.45	---	13.30	---	15.01	---	14.35	13.78	---
MEAN	13.20	13.56	13.67	13.47	13.50	13.31	13.24	13.79	14.58	14.27	14.07	13.50
MAX	13.41	13.76	13.80	13.65	13.68	13.54	13.49	15.66	15.79	14.39	14.38	13.79
MIN	13.06	13.27	13.55	13.33	13.33	13.17	13.02	13.17	14.12	14.09	13.78	12.83

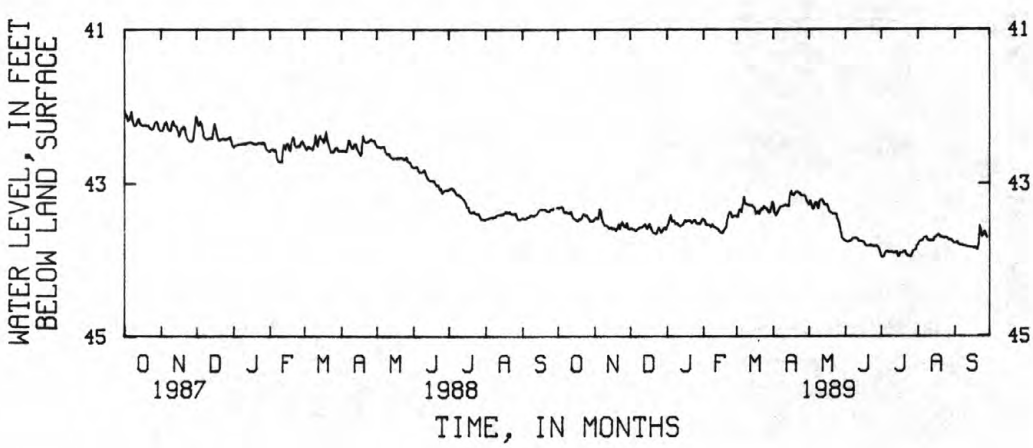
CAL YR 1988 MEAN 13.84 HIGH 12.94 LOW 15.99
WTR YR 1989 MEAN 13.68 HIGH 12.83 LOW 15.79



330256080354500. Local number, COL-97.
LOCATION.--Lat 33°02'56'', long 80°35'45'', Hydrologic Unit 03050205, 1.6 mi southeast of Canadys, at intersection of State Highway 61 and State Road 45.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 500 ft, cased to 134.4 ft, open hole from 134.4 to 500 ft.
INSTRUMENTATION.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.10 ft above land-surface datum.
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.
PERIOD OF RECORD.--August 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.79 below land-surface datum, May 14, 1978; lowest 43.97 ft below land-surface datum, July 2, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.31	43.46	43.59	43.55	43.47	43.43	43.28	43.28	43.76	43.96	43.80	43.78
2	43.32	43.44	43.59	43.52	43.49	43.43	43.39	43.23	43.77	43.97	43.76	43.78
3	43.31	43.46	43.60	43.45	43.54	43.34	43.42	43.28	43.77	43.96	43.75	43.77
4	43.30	43.46	43.60	43.41	43.54	43.34	43.39	43.34	43.76	43.92	43.75	43.80
5	43.32	43.33	43.62	43.50	43.54	43.37	43.36	43.33	43.76	43.89	43.74	43.81
6	43.37	43.36	43.62	43.49	43.55	43.28	43.33	43.26	43.74	43.89	43.71	43.81
7	43.38	43.46	43.60	43.49	43.57	43.18	43.31	43.25	43.72	43.90	43.70	43.81
8	43.37	43.52	43.58	43.53	43.54	43.26	43.30	43.30	43.72	43.90	43.70	43.82
9	43.38	43.55	43.58	43.52	43.56	43.27	43.30	43.33	43.72	43.90	43.74	43.82
10	43.39	43.55	43.57	43.53	43.57	43.28	43.29	43.23	43.72	43.90	43.75	43.82
11	43.39	43.55	43.57	43.55	43.58	43.28	43.28	43.21	43.73	43.91	43.75	43.83
12	43.37	43.57	43.55	43.56	43.59	43.29	43.29	43.21	43.76	43.91	43.75	43.83
13	43.43	43.59	43.53	43.55	43.60	43.29	43.29	43.24	43.76	43.90	43.75	43.83
14	43.46	43.58	43.56	43.54	43.62	43.29	43.30	43.28	43.76	43.90	43.75	43.84
15	43.46	43.58	43.59	43.52	43.64	43.31	43.13	43.28	43.77	43.96	43.71	43.84
16	43.48	43.60	43.57	43.48	43.65	43.32	43.10	43.28	43.77	43.96	43.70	43.84
17	43.49	43.59	43.53	43.50	43.65	43.40	43.15	43.31	43.80	43.91	43.68	43.85
18	43.49	43.60	43.57	43.49	43.62	43.39	43.16	43.37	43.82	43.91	43.67	43.84
19	43.46	43.62	43.61	43.49	43.59	43.36	43.14	43.38	43.82	43.91	43.68	43.85
20	43.47	43.58	43.64	43.48	43.57	43.40	43.11	43.39	43.82	43.89	43.70	43.87
21	43.45	43.53	43.65	43.50	43.47	43.36	43.11	43.40	43.82	43.89	43.70	43.81
22	43.40	43.59	43.66	43.52	43.41	43.33	43.12	43.40	43.81	43.93	43.71	43.55
23	43.40	43.54	43.66	43.50	43.37	43.34	43.13	43.40	43.82	43.95	43.72	43.61
24	43.42	43.50	43.61	43.48	43.39	43.30	43.15	43.41	43.82	43.95	43.71	43.70
25	43.41	43.54	43.58	43.49	43.44	43.32	43.16	43.47	43.83	43.96	43.71	43.68
26	43.44	43.56	43.61	43.52	43.43	43.33	43.16	43.51	43.82	43.96	43.72	43.63
27	43.46	43.57	43.64	43.53	43.42	43.35	43.16	43.58	43.82	43.92	43.74	43.67
28	43.50	43.52	43.62	43.52	43.42	43.38	43.18	43.65	43.83	43.88	43.74	43.71
29	43.49	43.59	43.58	43.53	---	43.38	43.23	43.72	43.86	43.87	43.74	---
30	43.50	43.60	43.58	43.50	---	43.33	43.26	43.74	43.91	43.87	43.76	---
31	43.49	---	43.60	43.46	---	43.24	---	43.75	---	43.81	43.78	---
MEAN	43.42	43.53	43.60	43.51	43.53	43.33	43.23	43.38	43.79	43.91	43.73	---
MAX	43.50	43.62	43.66	43.56	43.65	43.43	43.42	43.75	43.91	43.97	43.80	---
MIN	43.30	43.33	43.53	43.41	43.37	43.18	43.10	43.21	43.72	43.81	43.67	---

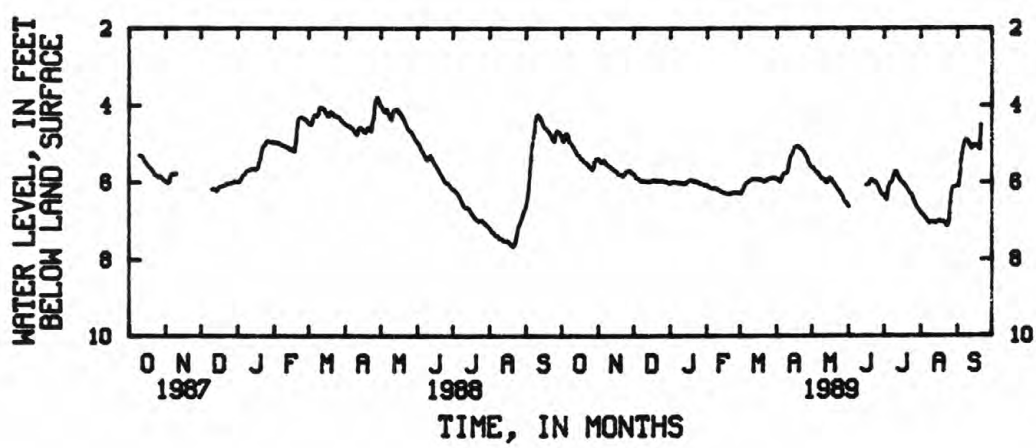


COLLETON COUNTY
(FORMERLY PUBLISHED AS CHN-549, CHARLESTON COUNTY)

323048080181401.Local number, COL-305.
LOCATION.--Lat 32°30'48'', long 80°18'14'', Hydrologic Unit 03050205, at Edisto Beach State Park, 40 ft west of nature trail, 60 ft off shell road, 0.2 mi west of SC Highway 174, approximately 0.6 mi northwest of County Road S-15-683.
Owner: Town of Edisto Beach.
AQUIFER.--Surficial Sands.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 48 ft, casing and screened intervals unknown.
INSTRUMENTATION.--Digital Recorder-60 minutes punch.
DATUM.--Land-surface datum is 8.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--July 1987 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 3.80 ft below land-surface datum, Apr. 28, 1988; lowest, 7.68 ft below land-surface datum, Aug. 21, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.83	5.40	5.81	6.05	6.09	6.30	5.93	5.63	6.65	6.37	6.81	6.09
2	4.92	5.43	5.85	6.02	6.13	6.30	5.96	5.64	---	6.43	6.85	6.10
3	4.95	5.47	5.90	6.01	6.15	6.22	5.98	5.69	---	6.47	6.88	5.82
4	4.80	5.50	5.92	6.00	6.17	6.15	5.99	5.73	---	6.29	6.91	5.46
5	4.75	5.47	5.94	6.02	6.18	6.09	5.91	5.76	---	6.11	6.96	5.29
6	4.78	5.45	5.97	6.03	6.18	6.04	5.83	5.78	---	6.03	7.00	5.08
7	4.88	5.49	5.98	6.03	6.17	6.02	5.78	5.83	---	6.01	7.04	4.95
8	4.97	5.54	5.99	6.03	6.17	6.00	5.77	5.87	---	5.95	7.08	4.91
9	5.02	5.57	5.99	6.03	6.18	5.97	5.76	5.92	---	5.84	7.07	4.91
10	5.06	5.60	5.99	6.05	6.21	5.95	5.74	5.93	---	5.73	7.05	4.94
11	5.10	5.61	6.00	6.05	6.23	5.93	5.58	5.94	---	5.72	7.05	5.00
12	5.16	5.65	6.00	6.05	6.25	5.93	5.41	5.99	---	5.78	7.05	5.07
13	5.22	5.67	6.00	6.05	6.27	5.93	5.32	6.02	---	5.86	7.07	5.13
14	5.28	5.70	6.00	6.05	6.28	5.93	5.27	6.02	---	5.93	7.07	5.10
15	5.31	5.72	6.00	6.01	6.28	5.93	5.19	5.94	---	5.98	7.03	5.05
16	5.34	5.74	5.99	5.98	6.29	5.93	5.10	5.91	6.08	6.01	7.02	5.06
17	5.39	5.76	5.97	5.96	6.31	5.94	5.09	5.93	6.07	6.04	7.02	5.05
18	5.42	5.80	5.97	5.96	6.32	5.94	5.07	5.98	6.06	6.08	7.03	5.08
19	5.44	5.82	5.97	5.96	6.32	5.95	5.07	6.03	5.98	6.11	7.04	5.11
20	5.48	5.83	5.98	5.97	6.32	5.97	5.10	6.07	5.94	6.16	7.04	5.15
21	5.50	5.84	5.98	5.99	6.32	5.98	5.12	6.11	5.95	6.20	7.07	4.51
22	5.51	5.86	5.98	6.00	6.29	5.98	5.15	6.16	5.98	6.27	7.10	---
23	5.55	5.82	5.98	6.00	6.29	5.97	5.18	6.20	6.00	6.31	7.16	---
24	5.59	5.76	5.98	6.01	6.29	5.95	5.22	6.24	6.02	6.33	7.15	---
25	5.63	5.74	5.98	6.04	6.29	5.92	5.28	6.29	6.08	6.39	6.98	---
26	5.66	5.73	5.99	6.05	6.29	5.91	5.33	6.34	6.13	6.49	6.55	---
27	5.69	5.72	6.00	6.06	6.29	5.90	5.40	6.40	6.20	6.57	6.24	---
28	5.64	5.72	6.01	6.07	6.30	5.90	5.49	6.48	6.28	6.63	6.14	---
29	5.47	5.76	6.01	6.09	---	5.90	5.55	6.52	6.33	6.70	6.12	---
30	5.41	5.79	6.03	6.09	---	5.90	5.60	6.56	6.34	6.74	6.11	---
31	5.40	---	6.05	6.09	---	5.90	---	6.60	---	6.77	6.11	---
MEAN	5.26	5.67	5.97	6.03	6.24	5.99	5.47	6.05	---	6.20	6.86	---
MAX	5.69	5.86	6.05	6.09	6.32	6.30	5.99	6.60	---	6.77	7.16	---
MIN	4.75	5.40	5.81	5.96	6.09	5.90	5.07	5.63	---	5.72	6.11	---

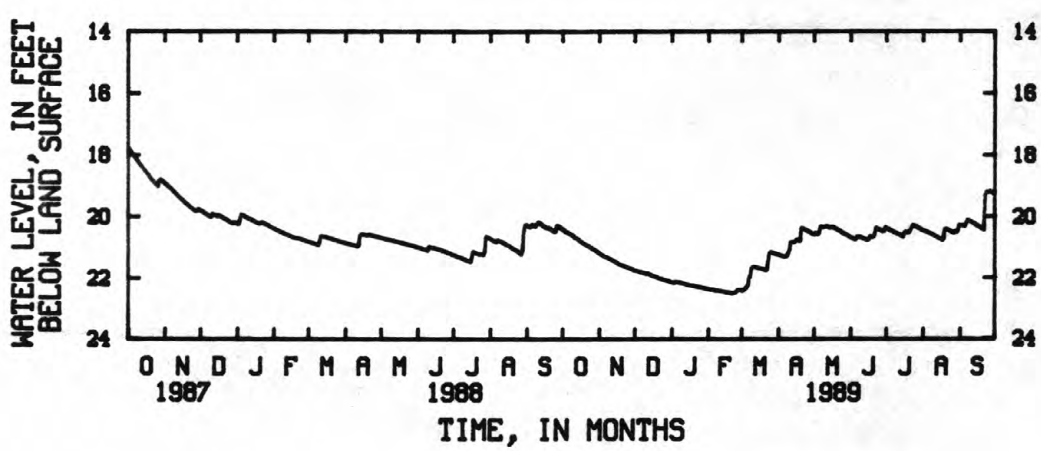


340806079563100. Local number, FLO-85.
LOCATION.--Lat 34°08'06'', long 79°56'31'', Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville.
Owner: Town of Timmonsville.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, 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 FOR PERIOD OF RECORD.--Highest mean water level 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 22.53 ft below land-surface datum, Feb. 21, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.42	21.22	21.77	22.17	22.39	22.43	21.24	20.60	20.69	20.38	20.47	20.29
2	20.44	21.24	21.78	22.18	22.40	22.43	21.26	20.55	20.71	20.40	20.48	20.30
3	20.48	21.26	21.79	22.18	22.40	22.39	21.28	20.56	20.73	20.42	20.49	20.29
4	20.51	21.29	21.81	22.15	22.41	22.35	21.29	20.58	20.76	20.45	20.51	20.31
5	20.52	21.32	21.82	22.16	22.41	22.32	21.31	20.55	20.76	20.47	20.53	20.31
6	20.54	21.33	21.83	22.16	22.43	22.23	21.31	20.33	20.67	20.49	20.55	20.21
7	20.57	21.34	21.84	22.17	22.44	21.97	21.30	20.33	20.67	20.51	20.57	20.12
8	20.59	21.36	21.86	22.18	22.44	21.97	21.28	20.35	20.67	20.53	20.58	20.13
9	20.61	21.38	21.87	22.19	22.44	21.69	21.17	20.36	20.68	20.55	20.61	20.15
10	20.64	21.40	21.87	22.20	22.45	21.64	21.09	20.34	20.69	20.56	20.63	20.17
11	20.68	21.41	21.88	22.21	22.45	21.64	20.84	20.32	20.71	20.58	20.65	20.19
12	20.71	21.44	21.88	22.22	22.46	21.65	20.82	20.33	20.73	20.60	20.67	20.22
13	20.73	21.46	21.90	22.24	22.47	21.66	20.83	20.35	20.75	20.62	20.69	20.24
14	20.75	21.48	21.92	22.24	22.48	21.67	20.84	20.37	20.77	20.65	20.71	20.27
15	20.79	21.50	21.94	22.25	22.49	21.68	20.80	20.35	20.78	20.67	20.74	20.29
16	20.82	21.53	21.96	22.26	22.50	21.69	20.75	20.35	20.75	20.55	20.76	20.32
17	20.85	21.55	21.97	22.27	22.50	21.70	20.76	20.36	20.66	20.50	20.78	20.34
18	20.87	21.57	21.98	22.27	22.50	21.71	20.78	20.38	20.66	20.51	20.73	20.37
19	20.90	21.59	21.99	22.28	22.51	21.72	20.78	20.40	20.67	20.53	20.42	20.39
20	20.91	21.61	22.01	22.29	22.52	21.74	20.38	20.42	20.66	20.52	20.40	20.42
21	20.94	21.62	22.03	22.30	22.53	21.75	20.38	20.45	20.57	20.44	20.42	20.44
22	20.96	21.63	22.05	22.30	22.51	21.74	20.40	20.47	20.38	20.37	20.44	19.30
23	20.98	21.65	22.06	22.32	22.50	21.45	20.42	20.49	20.39	20.28	20.46	19.20
24	21.01	21.67	22.07	22.33	22.48	21.18	20.44	20.52	20.41	20.30	20.49	19.23
25	21.03	21.68	22.08	22.33	22.42	21.16	20.47	20.54	20.43	20.32	20.51	19.22
26	21.06	21.69	22.09	22.34	22.42	21.17	20.49	20.56	20.45	20.33	20.53	19.18
27	21.09	21.71	22.10	22.35	22.42	21.18	20.51	20.58	20.47	20.36	20.54	19.19
28	21.11	21.72	22.12	22.36	22.42	21.20	20.53	20.60	20.50	20.38	20.49	19.22
29	21.13	21.74	22.13	22.37	---	21.21	20.56	20.62	20.47	20.40	20.51	19.25
30	21.15	21.76	22.14	22.38	---	21.23	20.58	20.65	20.36	20.42	20.47	19.28
31	21.18	---	22.16	22.38	---	21.23	---	20.67	---	20.45	20.28	---
MEAN	20.81	21.50	21.96	22.26	22.46	21.70	20.83	20.46	20.62	20.47	20.55	19.96
MAX	21.18	21.76	22.16	22.38	22.53	22.43	21.31	20.67	20.78	20.67	20.78	20.44
MIN	20.42	21.22	21.77	22.15	22.39	21.16	20.38	20.32	20.36	20.28	20.28	19.18

CAL YR 1988 MEAN 20.92 HIGH 19.95 LOW 22.16
WTR YR 1989 MEAN 21.13 HIGH 19.18 LOW 22.53



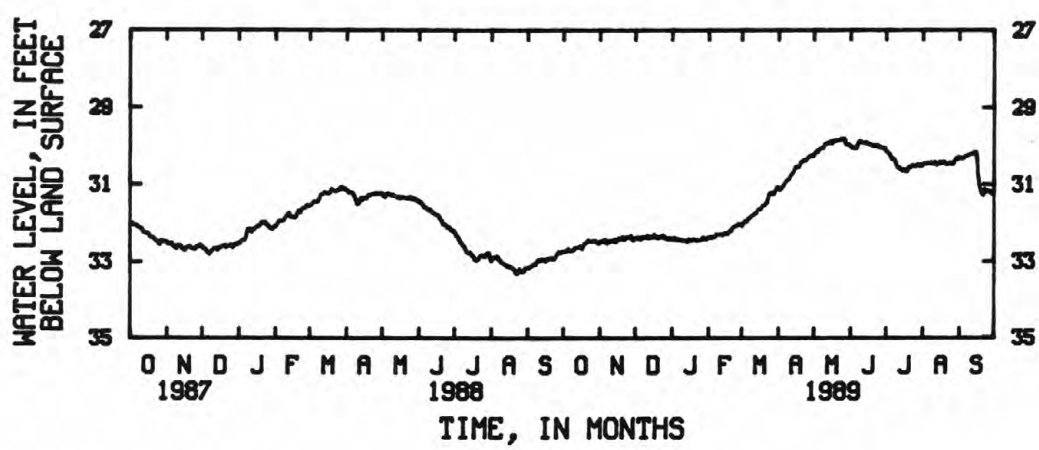
FLORENCE COUNTY

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 FOR 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 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.74	32.50	32.42	32.43	32.38	32.08	31.12	30.24	30.02	30.14	30.50	30.34
2	32.73	32.48	32.39	32.44	32.37	32.02	31.14	30.17	30.05	30.16	30.45	30.31
3	32.75	32.49	32.40	32.39	32.39	31.96	31.10	30.12	30.07	30.20	30.47	30.33
4	32.72	32.47	32.38	32.42	32.37	31.98	31.08	30.16	30.05	30.23	30.47	30.33
5	32.68	32.43	32.43	32.46	32.36	31.96	31.03	30.10	30.07	30.30	30.45	30.31
6	32.72	32.46	32.42	32.43	32.37	31.89	30.97	30.07	30.05	30.36	30.45	30.28
7	32.73	32.53	32.37	32.44	32.31	31.88	30.93	30.06	29.95	30.35	30.46	30.26
8	32.73	32.49	32.38	32.45	32.31	31.86	30.89	30.05	29.88	30.38	30.44	30.26
9	32.72	32.49	32.38	32.47	32.31	31.81	30.87	30.05	29.88	30.43	30.46	30.23
10	32.70	32.46	32.37	32.46	32.30	31.80	30.85	29.95	29.91	30.53	30.48	30.22
11	32.65	32.48	32.34	32.47	32.31	31.78	30.77	29.96	29.92	30.59	30.43	30.20
12	32.65	32.47	32.40	32.46	32.30	31.75	30.74	29.92	29.92	30.58	30.49	30.22
13	32.64	32.43	32.36	32.46	32.32	31.74	30.70	29.93	29.92	30.63	30.50	30.20
14	32.64	32.49	32.36	32.50	32.28	31.68	30.64	29.93	29.91	30.62	30.46	30.16
15	32.61	32.49	32.38	32.43	32.27	31.64	30.55	29.88	29.95	30.67	30.43	30.17
16	32.62	32.43	32.36	32.45	32.28	31.65	30.53	29.94	29.96	30.63	30.46	30.32
17	32.68	32.39	32.31	32.47	32.28	31.63	30.56	29.90	29.96	30.67	30.44	30.85
18	32.60	32.43	32.37	32.45	32.23	31.56	30.54	29.86	29.98	30.69	30.43	31.04
19	32.54	32.39	32.39	32.43	32.20	31.56	30.49	29.87	30.01	30.66	30.42	31.16
20	32.52	32.37	32.40	32.45	32.21	31.54	30.42	29.85	30.01	30.56	30.47	31.26
21	32.49	32.42	32.37	32.45	32.13	31.49	30.42	29.85	30.00	30.57	30.48	31.30
22	32.45	32.43	32.38	32.47	32.11	31.47	30.37	29.85	30.02	30.54	30.48	31.14
23	32.48	32.38	32.36	32.46	32.09	31.35	30.37	29.84	30.00	30.51	30.47	31.20
24	32.48	32.37	32.33	32.45	32.07	31.24	30.38	29.81	30.00	30.52	30.45	31.21
25	32.48	32.38	32.35	32.44	32.07	31.22	30.34	29.82	30.04	30.53	30.46	31.17
26	32.48	32.36	32.40	32.43	32.02	31.22	30.30	29.81	30.04	30.53	30.48	31.20
27	32.47	32.34	32.42	32.38	32.03	31.26	30.28	29.85	30.05	30.50	30.48	31.20
28	32.47	32.40	32.41	32.42	32.04	31.24	30.25	29.96	30.07	30.49	30.38	31.26
29	32.49	32.46	32.43	32.41	---	31.15	30.23	29.98	30.08	30.53	30.33	31.25
30	32.51	32.41	32.44	32.43	---	31.09	30.27	29.97	30.07	30.50	30.35	31.23
31	32.54	---	32.40	32.39	---	31.07	---	30.00	---	30.53	30.30	---
MEAN	32.60	32.44	32.38	32.44	32.24	31.60	30.64	29.96	29.99	30.49	30.45	30.69
MAX	32.75	32.53	32.44	32.50	32.39	32.08	31.14	30.24	30.08	30.69	30.50	31.30
MIN	32.45	32.34	32.31	32.38	32.02	31.07	30.23	29.81	29.88	30.14	30.30	30.16

CAL YR 1988 MEAN 32.17 HIGH 31.07 LOW 33.33
WTR YR 1989 MEAN 31.32 HIGH 29.81 LOW 32.75

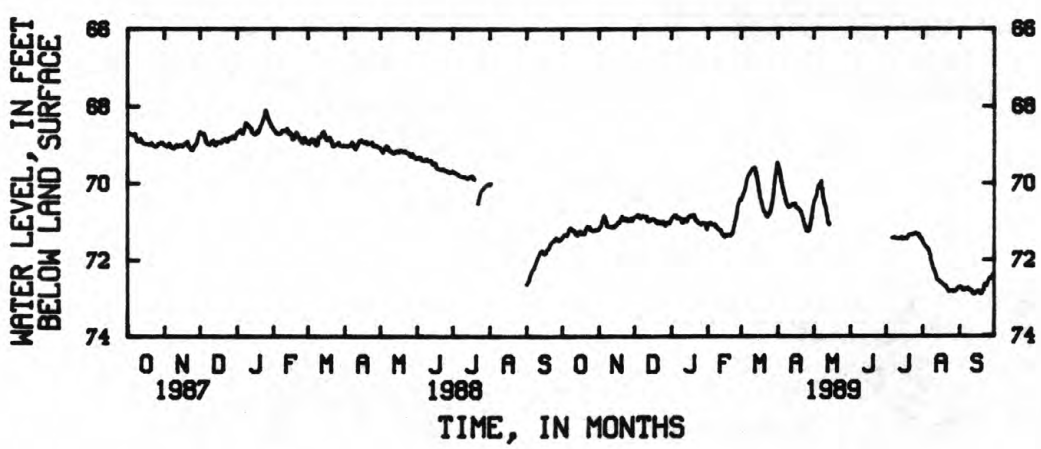


FLORENCE COUNTY

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 695 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 land-surface datum.
REMARKS.--1959 water-quality data on file in District office. Geophysical logged March 1959 to 800 ft, geophysical logged May 1982 to 695 ft. Water level affected by nearby pumpage.
PERIOD OF RECORD.--January 1982 to July 1986. June 1987 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 54.28 ft below land-surface datum, Jan. 10, 1982; lowest, 78.97 ft below land-surface datum, July 13-21, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.42	71.19	70.88	70.91	71.08	70.44	69.54	70.50	---	---	71.54	72.73
2	71.36	71.14	70.87	70.89	71.05	70.36	69.67	70.41	---	---	71.62	72.73
3	71.35	71.09	70.84	70.84	71.04	70.24	69.81	70.34	---	---	71.67	72.75
4	71.34	70.96	70.82	70.84	71.07	70.17	69.99	70.17	---	---	71.69	72.79
5	71.36	70.84	70.87	70.85	71.08	70.02	70.16	70.05	---	---	71.72	72.82
6	71.29	70.89	70.91	70.92	71.08	69.85	70.29	70.01	---	71:44	71.79	72.78
7	71.19	71.01	70.87	70.90	71.09	69.78	70.42	69.95	---	71.44	71.88	72.76
8	71.17	71.12	70.86	70.92	71.16	69.75	70.53	70.14	---	71.42	72.03	72.75
9	71.20	71.14	70.87	70.94	71.18	69.69	70.62	70.39	---	71.44	72.14	72.80
10	71.24	71.15	70.89	71.04	71.21	69.62	70.64	70.54	---	71.46	72.26	72.81
11	71.24	71.14	70.88	71.03	71.22	69.61	70.62	70.65	---	71.46	72.33	72.83
12	71.28	71.16	71.00	70.95	71.27	69.59	70.59	70.83	---	71.46	72.41	72.89
13	71.35	71.14	71.00	70.95	71.33	69.69	70.56	71.03	---	71.46	72.54	72.92
14	71.37	71.15	70.99	71.00	71.37	69.83	70.57	71.10	---	71.42	72.56	72.90
15	71.29	71.10	70.96	70.89	71.41	69.98	70.54	---	---	71.47	72.58	72.87
16	71.26	71.08	70.95	70.85	71.36	70.22	70.63	---	---	71.47	72.61	72.86
17	71.31	71.02	70.95	70.88	71.37	70.40	70.67	---	---	71.45	72.62	72.84
18	71.33	71.04	70.97	70.84	71.36	70.51	70.68	---	---	71.46	72.66	72.87
19	71.32	70.97	70.99	70.83	71.35	70.64	70.70	---	---	71.44	72.69	72.91
20	71.31	70.87	71.05	70.83	71.37	70.74	70.75	---	---	71.37	72.69	72.89
21	71.20	70.90	71.01	70.92	71.34	70.77	70.85	---	---	71.35	72.74	72.82
22	71.13	70.97	71.04	70.99	71.27	70.87	70.96	---	---	71.36	72.80	72.65
23	71.14	70.92	71.06	71.00	71.11	70.89	71.07	---	---	71.36	72.86	72.68
24	71.14	70.92	71.02	71.05	70.97	70.83	71.16	---	---	71.33	72.84	72.69
25	71.21	70.99	71.01	71.06	70.83	70.78	71.26	---	---	71.32	72.83	72.58
26	71.23	70.99	71.09	71.09	70.61	70.66	71.27	---	---	71.32	72.83	72.49
27	71.24	70.97	71.11	71.05	70.47	70.51	71.24	---	---	71.33	72.85	72.51
28	71.24	70.92	71.04	71.05	70.40	70.31	71.11	---	---	71.34	72.84	72.50
29	71.23	70.99	71.04	71.06	---	70.01	70.92	---	---	71.38	72.83	72.39
30	71.22	70.92	71.05	71.06	---	69.66	70.67	---	---	71.45	72.77	72.35
31	71.22	---	71.01	71.21	---	69.46	---	---	---	71.47	72.74	---
MEAN	71.26	71.02	70.96	70.96	71.12	70.19	70.62	---	---	---	72.42	72.74
MAX	71.42	71.19	71.11	71.21	71.41	70.89	71.27	---	---	---	72.86	72.92
MIN	71.13	70.84	70.82	70.83	70.40	69.46	69.54	---	---	---	71.54	72.35

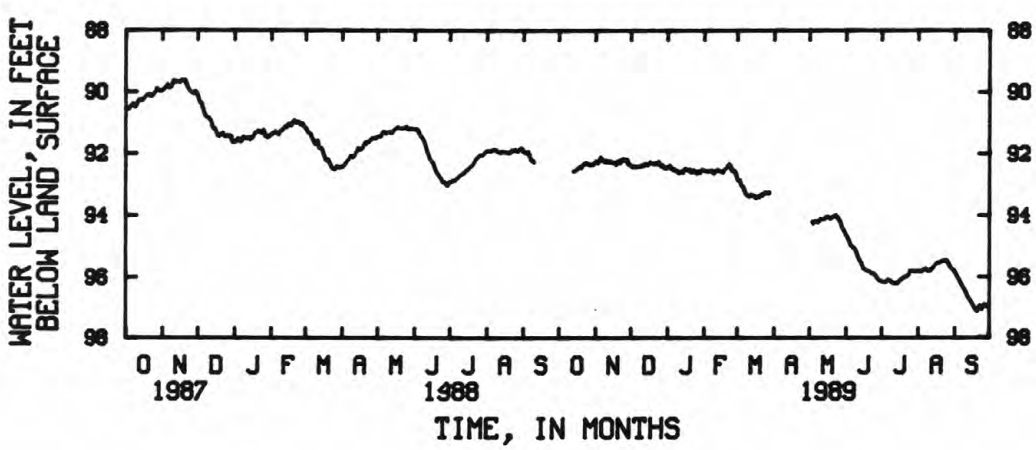


GEORGETOWN COUNTY

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, 97.15 ft below land-surface datum, Sept. 20, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

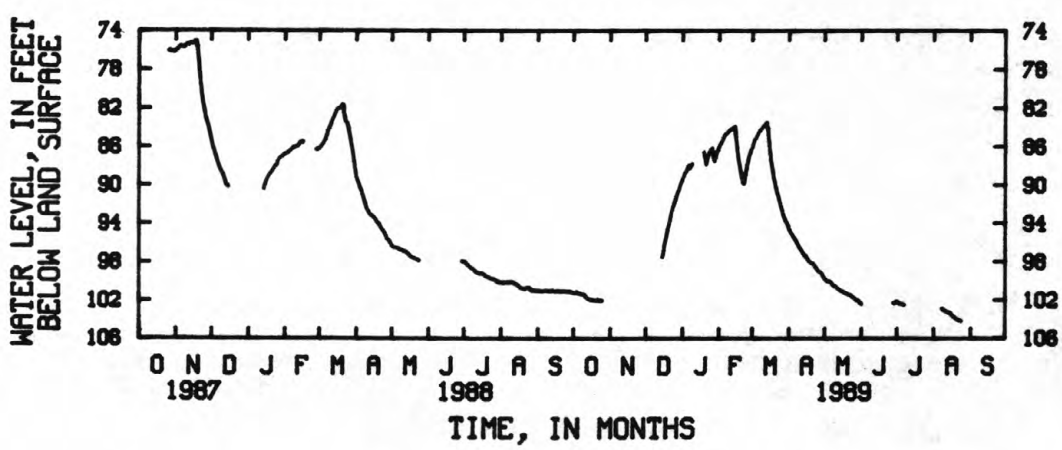
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	92.25	92.40	92.44	92.56	92.87	---	---	94.68	96.17	95.83	95.87
2	---	92.26	92.46	92.47	92.58	92.90	---	---	94.75	96.18	95.82	95.93
3	---	92.31	92.44	92.40	92.59	92.89	---	94.23	94.83	96.18	95.84	96.01
4	---	92.25	92.42	92.46	92.60	93.02	---	94.29	94.92	96.18	95.83	96.07
5	---	92.13	92.46	92.54	92.59	93.09	---	94.25	95.02	96.16	95.80	96.13
6	---	92.17	92.44	92.51	92.57	93.11	---	94.21	95.05	96.11	95.76	96.21
7	---	92.23	92.42	92.56	92.56	93.22	---	94.22	95.08	96.13	95.74	96.28
8	---	92.26	92.43	92.56	92.60	93.32	---	94.25	95.12	96.14	95.77	96.35
9	---	92.28	92.42	92.58	92.66	93.37	---	94.22	95.17	96.17	95.82	96.41
10	---	92.25	92.41	92.64	92.63	93.40	---	94.13	95.29	96.21	95.82	96.48
11	---	92.26	92.38	92.65	92.57	93.42	---	94.14	95.39	96.23	95.80	96.56
12	---	92.30	92.40	92.61	92.54	93.36	---	94.14	95.47	96.23	95.77	96.66
13	92.59	92.26	92.34	92.60	92.57	93.37	---	94.13	95.53	96.22	95.74	96.73
14	92.59	92.28	92.38	92.63	92.58	93.37	---	94.12	95.62	96.23	95.68	96.77
15	92.55	92.30	92.38	92.52	92.60	93.39	---	94.06	95.71	96.20	95.62	96.84
16	92.51	92.30	92.35	92.50	92.61	93.44	---	94.05	95.78	96.14	95.59	96.91
17	92.49	92.31	92.29	92.54	92.63	93.47	---	94.09	95.80	96.10	95.56	96.98
18	92.45	92.37	92.33	92.54	92.54	93.41	---	94.12	95.81	96.10	95.56	97.05
19	92.42	92.34	92.33	92.56	92.49	93.42	---	94.12	95.83	96.03	95.55	97.10
20	92.47	92.25	92.35	92.54	92.47	93.41	---	94.08	95.84	96.01	95.52	97.15
21	92.39	92.26	92.33	92.63	92.38	93.33	---	94.05	95.87	96.00	95.50	97.09
22	92.33	92.31	92.35	92.61	92.35	93.37	---	94.04	95.90	96.00	95.49	96.95
23	92.35	92.20	92.32	92.55	92.40	93.34	---	94.01	95.91	95.97	95.49	97.02
24	92.30	92.18	92.28	92.60	92.50	93.27	---	94.05	95.91	95.94	95.48	97.08
25	92.34	92.23	92.29	92.65	92.59	93.28	---	94.10	95.95	95.81	95.48	96.96
26	92.35	92.22	92.40	92.66	92.57	93.28	---	94.17	96.00	95.83	95.54	96.90
27	92.38	92.20	92.43	92.60	92.61	93.29	---	94.23	96.05	95.82	95.61	96.96
28	92.37	92.23	92.39	92.64	92.71	93.28	---	94.34	96.11	95.81	95.69	96.98
29	92.37	92.37	92.48	92.61	---	---	---	94.45	96.15	95.84	95.75	96.94
30	92.36	92.37	92.50	92.54	---	---	---	94.52	96.15	95.84	95.78	96.91
31	92.33	---	92.48	92.55	---	---	---	94.60	---	95.82	95.79	---
MEAN	---	92.26	92.39	92.56	92.56	---	---	---	95.56	96.06	95.68	96.68
MAX	---	92.37	92.50	92.66	92.71	---	---	---	96.15	96.23	95.84	97.15
MIN	---	92.13	92.28	92.40	92.35	---	---	---	94.68	95.81	95.48	95.87



332610079104000. Local number, GEO-84.
LOCATION.--Lat 33°26'09'', long 79°10'35'', Hydrologic Unit 03040207, 2 mi west of Pawleys Island, South Causeway entrance on U.S. Highway 17.
Owner: Johnnie Strait.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.
INSTRUMENTATION.--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, 104.28 ft below land-surface datum, Aug. 24, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101.29	---	---	89.34	86.02	86.10	94.71	99.83	102.50	102.22	---	---
2	101.29	---	---	89.09	85.80	85.68	94.97	99.98	---	102.27	---	---
3	101.29	---	---	88.71	85.57	85.23	95.14	100.12	---	102.40	---	---
4	101.25	---	---	88.61	85.33	85.15	95.36	100.17	---	102.49	---	---
5	101.34	---	---	88.24	85.00	84.90	95.55	100.15	---	102.48	---	---
6	101.42	---	---	87.97	84.79	84.58	95.77	100.21	---	102.51	---	---
7	101.40	---	---	88.24	84.62	84.43	95.95	100.36	---	102.59	---	---
8	101.47	---	---	87.99	84.51	84.22	96.19	100.50	---	---	102.96	---
9	101.51	---	---	87.79	84.42	84.13	96.44	100.63	---	---	103.06	---
10	101.49	---	---	---	84.26	83.96	96.66	100.67	---	---	103.14	---
11	101.59	---	---	---	84.20	83.78	96.83	100.77	---	---	103.23	---
12	101.79	---	---	---	84.12	83.63	97.02	100.89	---	---	103.31	---
13	101.92	---	---	---	84.00	83.50	97.21	100.97	---	---	103.37	---
14	101.97	---	---	---	83.94	84.15	97.43	101.09	---	---	103.40	---
15	102.03	---	97.52	---	84.69	85.56	97.44	101.12	---	---	103.45	---
16	102.05	---	96.89	---	86.02	86.83	97.68	101.16	---	---	103.60	---
17	102.05	---	96.00	---	87.06	87.75	97.89	101.26	---	---	103.78	---
18	102.07	---	95.47	---	87.80	88.56	98.00	101.32	---	---	103.86	---
19	102.09	---	94.92	86.58	88.56	89.29	98.15	101.37	---	---	103.93	---
20	102.10	---	94.38	87.20	89.26	89.84	98.23	101.45	---	---	104.04	---
21	102.03	---	93.79	87.90	89.81	90.39	98.25	101.51	---	---	104.11	---
22	102.06	---	93.27	87.38	89.89	90.95	98.40	101.57	---	---	104.17	---
23	102.15	---	92.70	86.86	89.11	91.30	98.63	101.59	---	---	104.22	---
24	102.10	---	92.24	86.56	88.43	91.76	98.76	101.71	---	---	104.28	---
25	102.15	---	91.87	86.37	87.78	92.30	98.93	101.80	---	---	---	---
26	---	---	91.53	86.20	87.13	92.70	99.06	101.92	---	---	---	---
27	---	---	91.10	86.86	86.71	93.15	99.13	102.04	---	---	---	---
28	---	---	90.72	87.51	86.34	93.52	99.26	102.10	102.37	---	---	---
29	---	---	90.47	87.14	---	93.80	99.38	102.10	102.42	---	---	---
30	---	---	90.06	86.69	---	94.03	99.65	102.26	102.26	---	---	---
31	---	---	89.72	86.37	---	94.28	---	102.40	---	---	---	---
MEAN	---	---	---	---	86.26	88.05	97.40	101.13	---	---	---	---
MAX	---	---	---	---	89.89	94.28	99.65	102.40	---	---	---	---
MIN	---	---	---	---	83.94	83.50	94.71	99.83	---	---	---	---



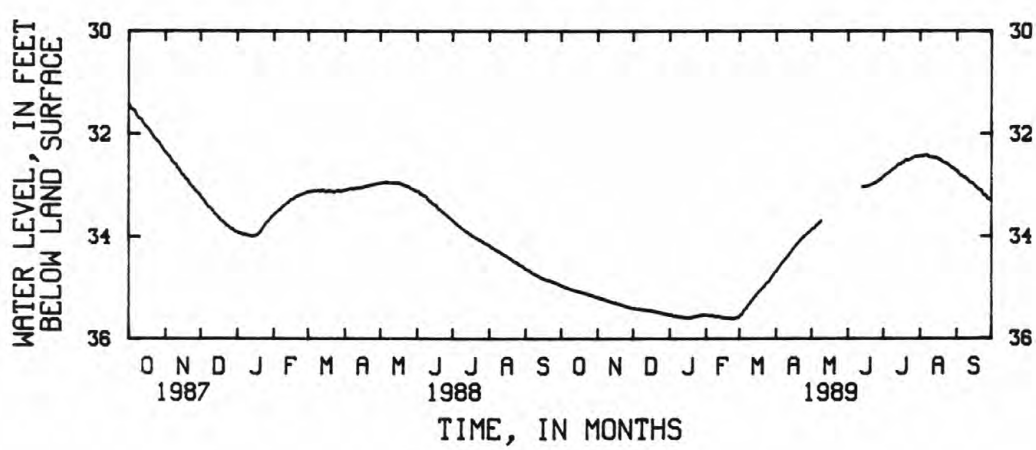
GREENVILLE COUNTY

345335082185800. Local number, GRV-709.
LOCATION.--Lat 34°53'32'', long 82°17'47'', Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville.
Owner: School District of Greenville County.
AQUIFER.--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 948 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.73 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--May 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.81 ft below land-surface datum, June 28, 1973; lowest, 35.62 ft below land-surface datum, Feb. 22 - 24, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.97	35.20	35.42	35.55	35.55	35.57	34.68	33.86	---	32.83	32.43	32.73
2	34.98	35.21	35.42	35.55	35.56	35.55	34.64	33.84	---	32.81	32.43	32.75
3	34.99	35.22	35.42	35.56	35.56	35.53	34.61	33.83	---	32.79	32.43	32.79
4	35.00	35.22	35.43	35.57	35.56	35.49	34.58	33.81	---	32.77	32.42	32.81
5	35.01	35.23	35.43	35.57	35.56	35.45	34.54	33.78	---	32.76	32.42	32.82
6	35.02	35.24	35.43	35.57	35.56	35.42	34.51	33.76	---	32.74	32.41	32.84
7	35.02	35.25	35.44	35.58	35.57	35.40	34.48	33.74	---	32.72	32.41	32.85
8	35.03	35.26	35.44	35.58	35.58	35.36	34.45	33.72	---	32.70	32.44	32.86
9	35.04	35.27	35.45	35.59	35.58	35.33	34.43	33.69	---	32.68	32.46	32.88
10	35.04	35.27	35.45	35.59	35.58	35.30	34.40	---	---	32.67	32.46	32.90
11	35.05	35.28	35.45	35.59	35.58	35.26	34.38	---	---	32.65	32.46	32.92
12	35.06	35.29	35.45	35.59	35.58	35.24	34.35	---	---	32.62	32.46	32.95
13	35.07	35.29	35.46	35.60	35.59	35.20	34.32	---	33.03	32.60	32.47	32.96
14	35.07	35.30	35.46	35.60	35.60	35.18	34.29	---	33.03	32.59	32.47	32.97
15	35.08	35.31	35.46	35.60	35.60	35.14	34.25	---	33.02	32.59	32.47	32.99
16	35.09	35.31	35.47	35.60	35.60	35.12	34.23	---	33.02	32.57	32.49	33.01
17	35.09	35.33	35.47	35.60	35.61	35.09	34.20	---	33.02	32.55	32.50	33.04
18	35.10	35.33	35.48	35.60	35.61	35.06	34.17	---	33.01	32.55	32.52	33.06
19	35.11	35.33	35.48	35.60	35.61	35.04	34.14	---	33.00	32.52	32.53	33.08
20	35.11	35.34	35.49	35.59	35.61	35.01	34.12	---	32.99	32.50	32.55	33.10
21	35.11	35.35	35.49	35.59	35.61	34.99	34.09	---	32.98	32.51	32.56	33.11
22	35.13	35.36	35.50	35.58	35.62	34.97	34.07	---	32.97	32.51	32.57	33.11
23	35.13	35.36	35.50	35.58	35.62	34.93	34.04	---	32.96	32.50	32.58	33.17
24	35.14	35.38	35.50	35.57	35.62	34.91	34.02	---	32.95	32.49	32.59	33.21
25	35.15	35.38	35.52	35.57	35.61	34.89	34.00	---	32.93	32.48	32.61	33.20
26	35.16	35.39	35.52	35.56	35.60	34.87	33.97	---	32.92	32.46	32.63	33.22
27	35.16	35.39	35.52	35.56	35.60	34.84	33.95	---	32.90	32.45	32.65	33.27
28	35.17	35.41	35.53	35.56	35.59	34.80	33.93	---	32.89	32.44	32.67	33.28
29	35.18	35.41	35.54	35.55	---	34.77	33.91	---	32.87	32.44	32.68	33.29
30	35.19	35.41	35.54	35.55	---	34.73	33.89	---	32.85	32.44	32.69	33.30
31	35.19	---	35.55	35.55	---	34.70	---	---	---	32.43	32.72	---
MEAN	35.09	35.31	35.47	35.58	35.59	35.13	34.25	---	---	32.59	32.52	33.02
MAX	35.19	35.41	35.55	35.60	35.62	35.57	34.68	---	---	32.83	32.72	33.30
MIN	34.97	35.20	35.42	35.55	35.55	34.70	33.89	---	---	32.43	32.41	32.73

CAL YR 1988 TOTAL 12469.10 MEAN 34.07 HIGH 32.94 LOW 35.55

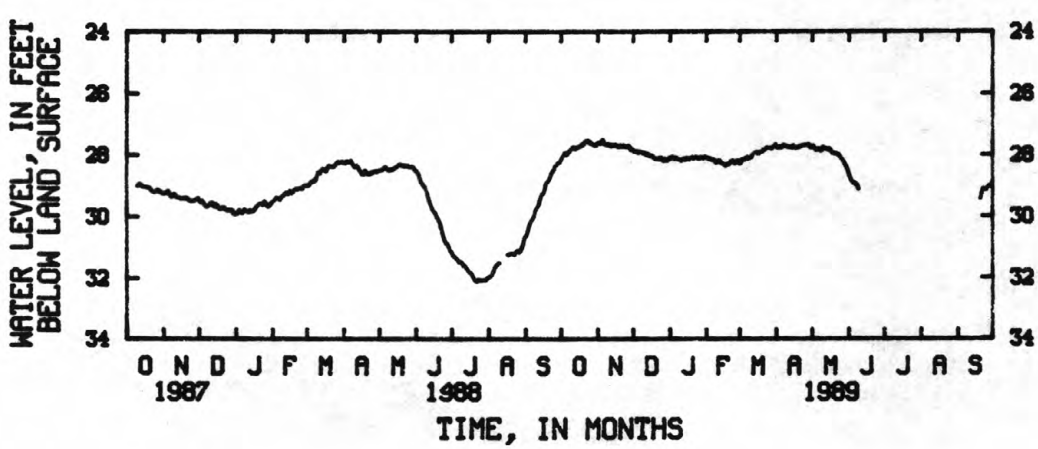


HAMPTON COUNTY

325005081122800. Local number, HAM-82.
LOCATION.--Lat 32°50'05'', long 81°12'28'', Hydrologic Unit 03050208, at the intersection of State Highway 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee 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 (lowest may have been exceeded during period of missing record June 4, to Aug. 5, 1986).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.16	27.62	27.85	28.10	28.11	28.30	27.75	27.74	28.68	---	---	---
2	28.08	27.61	27.90	28.12	28.13	28.27	27.78	27.73	28.78	---	---	---
3	28.01	27.65	27.90	28.08	28.13	28.15	27.75	27.81	28.88	---	---	---
4	27.94	27.60	27.89	28.11	28.15	28.16	27.76	27.86	28.92	---	---	---
5	27.98	27.51	27.94	28.15	28.17	28.16	27.76	27.84	28.93	---	---	---
6	27.98	27.59	27.93	28.11	28.18	28.11	27.74	27.82	28.95	---	---	---
7	27.93	27.66	27.91	28.14	28.18	28.08	27.69	27.84	29.00	---	---	---
8	27.89	27.68	27.93	28.15	28.22	28.13	27.71	27.88	29.02	---	---	---
9	27.84	27.69	27.94	28.16	28.27	28.11	27.71	27.87	29.13	---	---	---
10	27.80	27.66	27.97	28.19	28.26	28.10	27.74	27.77	---	---	---	---
11	27.75	27.68	27.96	28.20	28.22	28.08	27.73	27.78	---	---	---	---
12	27.75	27.72	28.01	28.15	28.22	27.98	27.76	27.80	---	---	---	---
13	27.80	27.69	27.98	28.13	28.26	27.95	27.77	27.82	---	---	---	---
14	27.80	27.70	28.03	28.17	28.29	27.93	27.78	27.84	---	---	---	---
15	27.76	27.70	28.05	28.12	28.31	27.92	27.71	27.82	---	---	---	---
16	27.73	27.68	28.05	28.12	28.32	27.95	27.75	27.84	---	---	---	---
17	27.72	27.69	28.05	28.15	28.38	27.97	27.79	27.90	---	---	---	---
18	27.69	27.74	28.10	28.12	28.34	27.92	27.78	27.97	---	---	---	---
19	27.65	27.74	28.13	28.10	28.33	27.91	27.76	27.97	---	---	---	---
20	27.67	27.72	28.15	28.08	28.32	27.91	27.76	27.97	---	---	---	29.44
21	27.59	27.72	28.14	28.13	28.27	27.83	27.73	27.97	---	---	---	29.27
22	27.55	27.74	28.15	28.12	28.22	27.84	27.72	28.01	---	---	---	29.11
23	27.56	27.71	28.15	28.08	28.20	27.80	27.70	28.01	---	---	---	29.14
24	27.54	27.72	28.11	28.11	28.25	27.77	27.70	28.07	---	---	---	29.14
25	27.59	27.75	28.12	28.13	28.29	27.77	27.69	28.13	---	---	---	29.15
26	27.60	27.74	28.20	28.13	28.24	27.77	27.69	28.16	---	---	---	29.07
27	27.65	27.72	28.21	28.09	28.21	27.79	27.68	28.23	---	---	---	29.03
28	27.67	27.75	28.15	28.12	28.21	27.79	27.67	28.29	---	---	---	29.04
29	27.69	27.85	28.19	28.13	---	27.77	27.75	28.36	---	---	---	29.00
30	27.70	27.83	28.20	28.08	---	27.71	27.78	28.44	---	---	---	28.94
31	27.69	---	28.17	28.09	---	27.66	---	28.54	---	---	---	---
MEAN	27.77	27.70	28.05	28.12	28.24	27.95	27.74	27.97	---	---	---	---
MAX	28.16	27.85	28.21	28.20	28.38	28.30	27.79	28.54	---	---	---	---
MIN	27.54	27.51	27.85	28.08	28.11	27.66	27.67	27.73	---	---	---	---

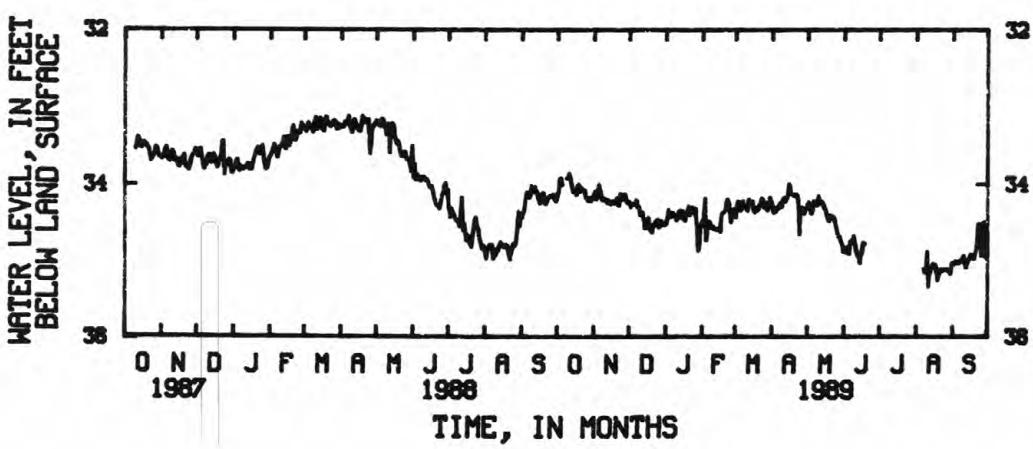


HAMPTON COUNTY

324143080505900. Local number, HAM-83.
LOCATION.--Lat 32°41'43'', long 80°50'59'', Hydrologic Unit 03050208, northwest of Ebenezer Methodist Church, 170 ft northeast and 80 ft northwest of intersection of State Road 44 and State Road 10, 0.4 mi northwest of the intersection of State Road 44 and U.S. Highway 17A-21, in Yemassee.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Ocala Limestone.
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 1988 TO SEPTEMBER 1989
MEAN VALUES

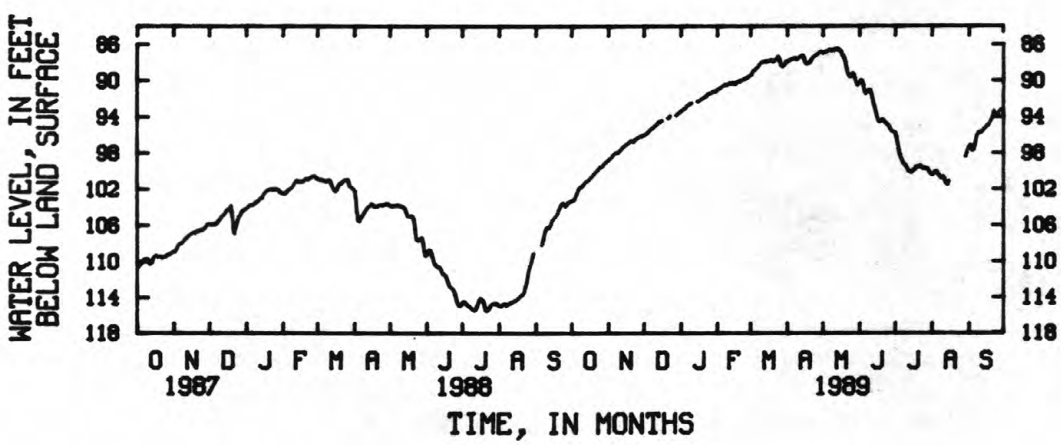
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.17	34.14	34.25	34.51	34.48	34.44	34.29	34.26	34.90	---	---	35.03
2	34.11	34.10	34.31	34.46	34.56	34.31	34.38	34.24	34.90	---	---	35.05
3	33.93	34.20	34.27	34.34	34.19	34.23	34.36	34.31	34.83	---	---	35.01
4	33.92	34.11	34.27	34.40	34.74	34.31	34.36	34.39	34.90	---	---	35.02
5	34.01	34.01	34.27	34.43	34.59	34.35	34.32	34.35	34.92	---	---	35.04
6	---	34.08	34.26	34.38	34.54	34.33	34.32	34.22	34.75	---	---	35.04
7	---	34.16	34.22	34.38	34.50	34.22	34.28	34.23	34.74	---	35.12	35.00
8	---	34.22	34.31	34.40	34.54	34.30	34.25	34.27	34.74	---	35.16	35.01
9	33.92	34.20	34.31	34.43	34.57	34.30	34.30	34.28	34.68	---	35.14	34.97
10	33.90	34.20	34.41	34.47	34.56	34.31	34.20	34.16	34.79	---	34.89	34.94
11	33.86	34.21	34.39	34.44	34.59	34.35	34.18	34.23	34.87	---	35.34	35.03
12	33.92	34.26	34.38	34.36	34.59	34.20	34.23	34.26	34.95	---	35.21	35.10
13	34.00	34.22	34.47	34.35	34.59	34.23	34.20	34.24	34.96	---	35.14	35.04
14	34.10	34.25	34.58	34.44	34.59	34.24	34.16	34.27	35.04	---	35.09	35.00
15	34.11	34.27	34.51	34.36	34.58	34.23	34.00	34.32	34.93	---	35.05	34.98
16	34.09	34.24	34.52	34.42	34.62	34.33	34.02	34.34	34.89	---	35.08	34.92
17	34.15	34.23	34.45	34.48	34.40	34.37	34.13	34.40	34.77	---	35.06	34.95
18	34.03	34.26	34.59	34.38	34.38	34.32	34.14	34.47	34.78	---	35.14	34.93
19	34.01	34.23	34.61	34.40	34.37	34.35	34.15	34.49	---	---	35.26	34.98
20	34.10	34.19	34.63	34.30	34.35	34.34	34.16	34.42	---	---	35.19	34.91
21	34.05	34.28	34.54	34.41	34.24	34.29	34.14	34.43	---	---	35.16	34.80
22	34.08	34.29	34.54	34.36	34.20	34.27	34.15	34.43	---	---	35.12	34.53
23	34.08	34.13	34.50	34.31	34.25	34.19	34.23	34.44	---	---	35.14	34.52
24	34.09	34.21	34.48	34.37	34.36	34.20	34.66	34.49	---	---	35.12	34.53
25	34.19	34.20	34.47	34.34	34.50	34.31	34.37	34.56	---	---	35.12	34.95
26	34.20	34.20	34.56	34.33	34.38	34.25	34.31	34.65	---	---	35.12	34.65
27	34.23	34.14	34.55	34.53	34.36	34.32	34.35	34.69	---	---	35.12	34.50
28	34.19	34.20	34.49	34.88	34.33	34.35	34.39	34.69	---	---	35.14	34.83
29	34.23	34.25	34.52	34.84	---	34.27	34.34	34.75	---	---	35.14	34.98
30	34.21	34.24	34.53	34.64	---	34.18	34.32	34.79	---	---	35.17	34.95
31	34.17	---	34.53	34.52	---	34.22	---	34.89	---	---	35.04	---
MEAN	---	34.20	34.44	34.44	34.46	34.29	34.26	34.42	---	---	---	34.91
MAX	---	34.29	34.63	34.88	34.74	34.44	34.66	34.89	---	---	---	35.10
MIN	---	34.01	34.22	34.30	34.19	34.18	34.00	34.16	---	---	---	34.50



334747078435400. Local number, HO-269.
LOCATION.--Lat 33°47'47'', long 78°43'54'', Hydrologic Unit 03040207, Windy Hill Park.
Owner: City of North Myrtle Beach.
AQUIFER.--Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 416 ft, screens located at unknown intervals below 201 ft.
INSTRUMENTATION.--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.--Geophysical logs available in District Files.
PERIOD OF RECORD.--June 1977 to current year. Prior to October 1983, published as HO-433.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 118.76 ft below land-surface datum, Aug. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103.25	98.78	95.95	93.39	91.02	89.41	87.88	86.93	90.22	95.80	100.50	97.22
2	103.21	98.61	95.91	93.30	90.88	89.23	87.83	86.85	90.02	96.29	100.44	97.14
3	103.17	98.54	95.84	93.15	90.81	88.90	87.74	86.83	90.03	97.07	100.24	97.45
4	102.94	98.42	95.72	93.09	90.78	88.82	87.67	86.77	90.52	97.73	100.08	97.75
5	102.63	98.20	95.55	92.98	90.66	88.74	87.60	86.65	91.22	98.28	100.16	97.70
6	102.31	98.06	95.42	92.78	90.53	88.59	87.53	86.55	91.49	98.70	100.40	97.12
7	101.96	97.96	95.31	92.71	90.44	88.47	87.49	86.61	91.36	99.01	100.58	96.51
8	101.80	97.99	95.24	92.59	90.43	88.31	87.59	86.65	91.16	99.29	100.80	96.01
9	101.79	97.95	95.10	92.51	90.42	88.16	87.58	86.63	91.09	99.38	100.80	95.72
10	101.65	97.81	95.00	92.48	90.36	88.00	87.54	86.56	91.15	99.48	100.70	95.67
11	101.49	97.65	94.89	---	90.26	87.87	87.43	86.53	91.60	99.79	100.83	95.72
12	101.34	97.51	94.78	---	90.29	87.87	87.32	86.52	92.20	100.07	101.21	95.66
13	101.18	97.36	94.60	---	90.29	87.89	87.26	86.49	92.66	100.15	101.46	95.49
14	101.05	97.25	94.53	---	90.26	87.86	87.23	86.55	93.16	100.21	101.57	95.33
15	101.01	97.16	94.52	92.27	90.28	87.83	87.50	86.66	93.68	100.22	101.22	95.22
16	100.88	97.05	94.44	92.25	90.32	87.83	88.03	86.81	94.20	100.00	---	95.05
17	100.73	96.98	---	92.16	90.29	87.79	88.18	87.07	94.62	99.91	---	94.99
18	100.61	96.88	---	92.07	90.10	87.72	88.13	87.33	94.63	99.80	---	94.86
19	100.48	96.70	---	91.99	90.03	87.79	88.05	87.60	94.53	99.55	---	94.59
20	100.30	96.63	---	91.90	90.04	87.87	88.00	88.02	94.36	99.60	---	94.34
21	100.15	96.69	94.12	91.84	89.97	87.82	87.76	88.75	94.43	99.57	---	94.07
22	100.01	96.75	94.06	91.68	89.88	87.75	87.56	89.35	94.65	99.45	---	93.39
23	99.88	96.59	93.91	91.67	89.81	87.54	87.40	89.58	94.77	99.55	---	93.77
24	99.68	96.42	---	91.52	89.77	87.36	87.27	89.66	94.89	99.71	---	94.02
25	99.54	96.32	---	91.42	89.77	87.56	87.18	89.49	95.06	99.82	---	93.98
26	99.52	96.28	---	91.38	89.64	88.00	87.09	89.21	95.20	99.80	---	93.59
27	99.43	96.19	---	91.29	89.57	88.41	86.99	89.33	95.45	99.78	---	93.40
28	99.22	96.08	93.81	91.21	89.47	88.49	86.87	89.81	95.65	99.80	---	93.22
29	99.09	96.13	93.73	91.18	---	88.35	86.79	90.24	95.75	100.03	98.42	93.17
30	98.95	96.07	93.60	91.19	---	88.23	86.83	90.58	95.76	100.30	97.98	93.04
31	98.87	---	93.47	91.15	---	87.95	---	90.46	---	100.42	97.62	---
MEAN	100.91	97.23	---	---	90.23	88.14	87.51	87.84	93.18	99.31	---	95.17
MAX	103.25	98.78	---	---	91.02	89.41	88.18	90.58	95.76	100.42	---	97.75
MIN	98.87	96.07	---	---	89.47	87.36	86.79	86.49	90.02	95.80	---	93.04

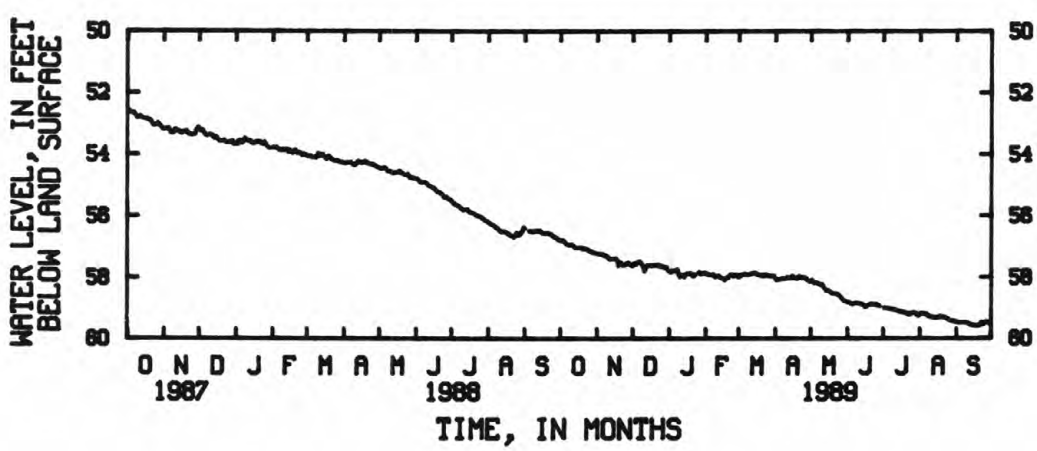


HORRY COUNTY

335115079033500. Local number, HO-307.
LOCATION.--Lat 33°50'58'', long 79°03'27'', Hydrologic Unit 03040206, 0.75 mi northeast from intersection of State Highways 701 and 501, at Collins Park in Conway.
Owner: City of Conway.
AQUIFER.--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.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.
PERIOD OF RECORD.--May 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 59.60 ft below land-surface datum, Sept. 16 - 20, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

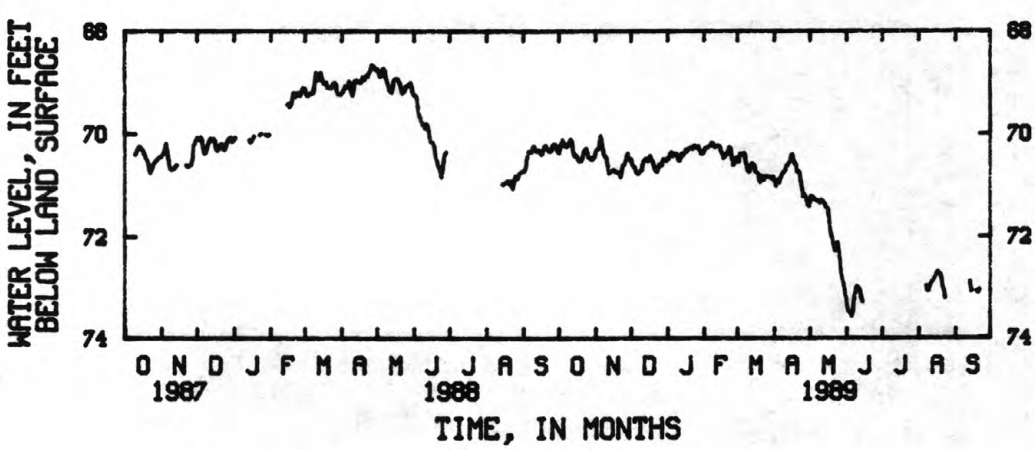
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56.83	57.25	57.65	57.82	57.89	58.01	58.06	58.16	58.83	---	59.25	59.49
2	56.82	57.25	57.57	57.86	57.91	58.00	58.12	58.12	58.84	59.03	59.20	59.50
3	56.83	57.26	57.60	57.86	57.93	57.93	58.11	58.17	58.85	59.03	59.20	59.50
4	56.83	57.26	57.60	57.81	57.94	57.94	58.10	58.21	58.87	---	59.21	59.51
5	56.88	57.26	57.52	57.81	57.95	57.93	58.10	58.21	58.90	59.04	59.22	59.51
6	56.94	57.27	57.51	57.81	57.95	57.90	58.08	58.20	58.90	59.06	59.22	59.51
7	56.95	57.31	57.51	57.82	57.93	57.92	58.05	58.22	58.88	59.06	59.23	59.51
8	56.97	57.33	57.54	57.76	57.95	57.94	58.06	58.25	58.85	59.06	59.28	59.51
9	56.98	57.33	57.60	57.92	58.01	57.93	58.07	58.27	58.85	59.07	59.32	59.51
10	56.97	57.36	57.70	58.01	58.01	57.93	58.06	58.25	58.86	59.07	59.32	59.51
11	56.96	57.39	57.82	57.95	57.99	57.92	58.01	58.27	58.88	59.08	59.32	59.53
12	56.99	57.44	57.76	57.95	57.98	57.89	58.03	58.34	58.89	59.09	59.33	59.55
13	57.04	57.43	57.65	57.95	58.02	57.89	58.04	58.40	58.89	59.11	59.34	59.57
14	57.06	57.43	57.64	58.01	58.03	57.87	58.05	58.46	58.92	59.12	59.35	59.58
15	57.06	57.43	57.63	57.93	58.05	57.86	57.98	58.45	58.96	59.16	59.34	59.59
16	57.07	57.43	57.63	57.90	58.08	57.91	57.99	58.45	59.00	59.16	59.34	59.60
17	57.06	57.42	57.63	57.90	58.12	57.94	58.04	58.48	58.98	59.15	59.34	59.60
18	57.06	57.47	57.64	57.90	58.06	57.94	58.04	58.52	58.95	59.17	59.30	59.60
19	57.06	57.65	57.63	57.89	58.04	57.95	58.04	58.55	58.93	59.18	59.32	59.60
20	57.10	57.54	57.63	57.92	58.03	57.97	58.06	58.55	58.90	59.19	59.33	59.60
21	57.11	57.54	57.62	57.96	57.96	57.94	57.99	58.55	58.89	59.21	59.33	59.58
22	57.10	57.59	57.62	57.98	57.92	57.98	58.01	58.56	58.90	59.24	59.33	59.49
23	57.11	57.63	57.61	57.94	57.92	57.98	58.02	58.56	58.90	59.25	59.35	59.51
24	57.12	57.63	57.64	---	57.95	57.93	58.03	58.57	58.90	59.24	59.37	59.56
25	57.15	57.62	57.69	---	57.98	57.95	58.04	58.61	58.91	59.21	59.40	59.53
26	57.18	57.57	57.65	57.85	57.95	57.96	58.03	58.66	58.92	59.18	59.43	59.47
27	57.19	57.54	57.66	57.87	57.93	57.98	58.06	58.69	58.93	59.18	59.45	59.49
28	57.19	57.57	57.71	57.91	57.95	57.99	58.11	58.74	58.96	59.19	59.45	59.52
29	57.22	57.60	57.70	57.91	---	57.99	58.13	58.78	---	59.20	59.45	59.52
30	57.23	57.63	57.70	57.88	---	57.99	58.17	58.80	---	59.26	59.45	59.51
31	57.25	---	57.78	57.88	---	57.98	---	58.81	---	59.29	59.47	---
MEAN	57.04	57.45	57.64	---	57.98	57.94	58.06	58.45	---	---	59.33	59.54
MAX	57.25	57.65	57.82	---	58.12	58.01	58.17	58.81	---	---	59.47	59.60
MIN	56.82	57.25	57.51	---	57.89	57.86	57.98	58.12	---	---	59.20	59.47



323111080592000. Local number, JAS-144.
LOCATION.--Lat 32°31'11'', long 80°59'20'', Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Highway 17.
Owner: Ted Roach
AQUIFER.--Hawthorn Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.
INSTRUMENTATION.--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 recorded, 73.57 ft below land-surface datum, June 5, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	70.38	70.36	70.50	70.48	70.32	70.54	70.93	71.34	73.34	---	---	---
2	70.28	70.30	70.62	70.48	70.28	70.55	71.02	71.22	73.48	---	---	---
3	70.19	70.30	70.65	70.38	70.27	70.40	70.95	71.24	73.49	---	---	---
4	70.12	70.26	70.65	70.36	70.26	70.41	70.91	71.27	73.52	---	---	---
5	70.17	70.04	70.75	70.43	70.24	70.42	70.95	71.28	73.57	---	---	---
6	70.24	70.11	70.78	70.40	70.23	70.38	70.87	71.30	73.48	---	---	---
7	70.25	70.30	70.78	70.39	70.18	70.41	70.81	71.31	73.24	---	72.97	---
8	70.25	70.42	70.76	70.40	70.18	70.58	70.77	71.32	73.10	---	73.07	---
9	70.21	70.45	70.72	70.42	70.24	70.72	70.74	71.35	72.99	---	73.07	---
10	70.16	70.47	70.71	70.52	70.26	70.75	70.72	71.31	72.99	---	72.99	---
11	70.11	70.61	70.58	70.52	70.25	70.75	70.62	71.31	73.02	---	72.92	---
12	70.15	70.78	70.52	70.46	70.24	70.63	70.62	71.33	73.07	---	72.88	---
13	70.36	70.76	70.49	70.39	70.24	70.59	70.57	71.36	73.20	---	72.87	72.89
14	70.44	70.74	70.51	70.41	70.26	70.60	70.54	71.43	73.29	---	72.81	73.09
15	70.41	70.72	70.53	70.38	70.35	70.62	70.42	71.45	---	---	72.77	73.07
16	70.44	70.71	70.49	70.31	70.40	70.74	70.41	71.47	---	---	72.70	---
17	70.50	70.72	70.43	70.34	70.48	70.76	70.53	71.71	---	---	72.69	---
18	70.54	70.75	70.50	70.32	70.46	70.79	70.58	71.92	---	---	72.73	---
19	70.52	70.76	70.54	70.29	70.40	70.91	70.61	72.01	---	---	72.74	73.08
20	70.53	70.76	70.62	70.27	70.40	70.95	70.75	72.12	---	---	72.82	73.11
21	70.47	70.77	70.70	70.26	70.36	70.83	70.74	72.22	---	---	72.99	73.05
22	70.35	70.85	70.74	70.29	70.27	70.85	70.77	72.30	---	---	73.06	---
23	70.32	70.73	70.74	70.24	70.29	70.90	70.92	72.18	---	---	73.22	---
24	70.29	70.61	70.67	70.23	70.47	70.84	71.07	72.13	---	---	---	---
25	70.38	70.60	70.60	70.27	70.61	70.84	71.24	72.28	---	---	---	---
26	70.46	70.55	70.62	70.27	70.60	70.84	71.19	72.47	---	---	---	---
27	70.46	70.43	70.61	70.25	70.50	70.84	71.23	72.71	---	---	---	---
28	70.50	70.39	70.50	70.33	70.47	70.85	71.31	72.85	---	---	---	---
29	70.50	70.50	70.50	70.39	---	70.86	71.40	72.93	---	---	---	---
30	70.49	70.51	70.52	70.39	---	70.89	71.42	73.04	---	---	---	---
31	70.45	---	70.52	70.38	---	70.85	---	73.19	---	---	---	---
MEAN	70.35	70.54	70.61	70.36	70.34	70.71	70.85	71.85	---	---	---	---
MAX	70.54	70.85	70.78	70.52	70.61	70.95	71.42	73.19	---	---	---	---
MIN	70.11	70.04	70.43	70.23	70.18	70.38	70.41	71.22	---	---	---	---



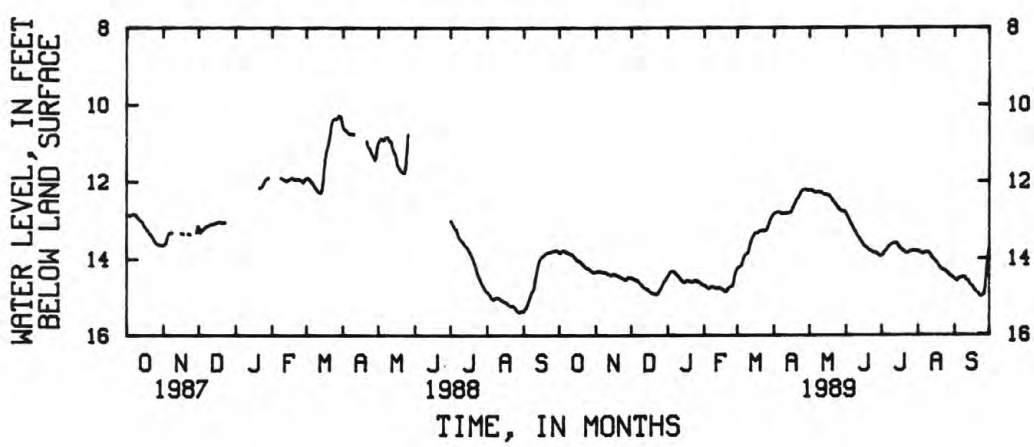
LEE COUNTY

341405080110100. Local number, LE-23.
LOCATION.--Lat 34°14'05'', long 80°11'01'', Hydrologic Unit 03040202, 395 ft east and 450 ft north of the cemetery near Wayside Church and SC-31-22 near Bishopville.
Owner: Robert W. Merck.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 350 ft, cased to 350 ft. Screened intervals unknown.
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, 3.0 ft above land-surface datum.
REMARKS.-June 3, 1977, Gamma logged to 350 ft. April 1980, Gamma logged to 338 ft. Pump test data available in District files. Water-level affected by near by irrigation well.
PERIOD OF RECORD.--June 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.32 ft below land-surface datum, Apr. 26, 1983; lowest, 17.37 ft below land-surface datum, June 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.84	14.34	14.51	14.45	14.70	14.24	12.83	12.22	12.85	13.94	13.83	14.56
2	13.85	14.33	14.52	14.40	14.72	14.22	12.81	12.22	12.91	13.92	13.84	14.58
3	13.82	14.33	14.54	14.35	14.75	14.20	12.80	12.23	12.98	13.86	13.86	14.59
4	13.80	14.33	14.56	14.32	14.77	14.17	12.79	12.25	13.05	13.82	13.88	14.56
5	13.79	14.34	14.57	14.32	14.78	14.12	12.79	12.27	13.11	13.78	13.88	14.53
6	13.81	14.35	14.58	14.33	14.75	13.99	12.80	12.29	13.17	13.74	13.88	14.52
7	13.83	14.36	14.60	14.36	14.73	13.92	12.83	12.28	13.23	13.70	13.86	14.50
8	13.85	14.36	14.63	14.40	14.73	13.89	12.84	12.27	13.28	13.66	13.85	14.50
9	13.87	14.37	14.67	14.43	14.74	13.87	12.83	12.27	13.34	13.64	13.85	14.50
10	13.88	14.39	14.70	14.46	14.76	13.84	12.82	12.28	13.39	13.63	13.87	14.53
11	13.89	14.40	14.74	14.50	14.77	13.72	12.82	12.29	13.45	13.62	13.91	14.57
12	13.90	14.42	14.76	14.55	14.77	13.60	12.82	12.32	13.49	13.61	13.96	14.59
13	13.93	14.43	14.78	14.58	14.76	13.51	12.82	12.34	13.54	13.61	14.00	14.63
14	13.97	14.43	14.79	14.61	14.76	13.43	12.81	12.35	13.59	13.63	14.04	14.68
15	14.01	14.42	14.82	14.62	14.78	13.38	12.80	12.35	13.64	13.68	14.07	14.71
16	14.05	14.42	14.85	14.59	14.80	13.34	12.75	12.35	13.69	13.72	14.09	14.74
17	14.07	14.42	14.88	14.58	14.83	13.33	12.68	12.36	13.71	13.76	14.14	14.80
18	14.08	14.43	14.90	14.58	14.85	13.33	12.61	12.39	13.74	13.78	14.19	14.84
19	14.10	14.45	14.91	14.58	14.86	13.31	12.54	12.43	13.76	13.81	14.22	14.87
20	14.13	14.48	14.92	14.60	14.84	13.29	12.47	12.47	13.79	13.83	14.27	14.90
21	14.17	14.49	14.93	14.60	14.79	13.27	12.43	12.52	13.81	13.86	14.29	14.92
22	14.20	14.50	14.94	14.61	14.75	13.27	12.38	12.56	13.83	13.87	14.31	14.97
23	14.23	14.52	14.94	14.59	14.73	13.28	12.33	12.60	13.85	13.87	14.33	15.00
24	14.25	14.53	14.90	14.57	14.72	13.28	12.26	12.64	13.86	13.85	14.33	14.99
25	14.26	14.55	14.84	14.57	14.69	13.26	12.23	12.69	13.87	13.83	14.37	14.96
26	14.28	14.56	14.78	14.59	14.57	13.23	12.21	12.73	13.87	13.82	14.39	14.93
27	14.30	14.54	14.72	14.60	14.39	13.15	12.21	12.76	13.88	13.81	14.42	14.74
28	14.33	14.50	14.65	14.63	14.29	13.06	12.21	12.77	13.92	13.81	14.46	14.27
29	14.35	14.50	14.60	14.66	---	12.98	12.23	12.77	13.94	13.81	14.48	13.98
30	14.37	14.50	14.56	14.68	---	12.91	12.23	12.78	13.95	13.82	14.50	13.77
31	14.36	---	14.51	14.68	---	12.87	---	12.81	---	13.82	14.53	---
MEAN	14.05	14.43	14.73	14.53	14.73	13.52	12.60	12.45	13.55	13.77	14.13	14.64
MAX	14.37	14.56	14.94	14.68	14.86	14.24	12.84	12.81	13.95	13.94	14.53	15.00
MIN	13.79	14.33	14.51	14.32	14.29	12.87	12.21	12.22	12.85	13.61	13.83	13.77

WTR YR 1989 TOTAL 5081.56 MEAN 13.92 HIGH 12.21 LOW 15.00

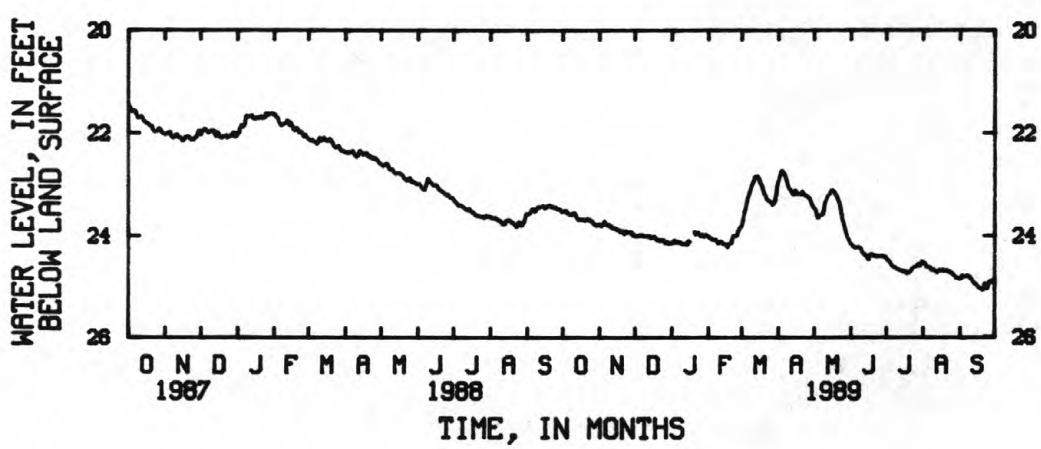


335143079195000. Local number, MN-77.
LOCATION.--Lat 33°51'43'', long 79°19'50'', Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway.
Owner: U.S. Geological Survey; on property owned by South 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.-- Water-quality data available in District files.
PERIOD OF RECORD.--July 1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 10.88 ft below land-surface datum, Mar. 28, 1983; lowest, 25.08 ft below land-surface datum, Sept. 20, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23.53	23.78	24.00	24.14	24.02	23.80	22.93	23.48	24.18	24.45	24.54	24.86
2	23.52	23.79	24.02	24.15	24.05	23.70	22.85	23.50	24.20	24.49	24.54	24.86
3	23.52	23.81	24.01	24.10	24.06	23.53	22.75	23.61	24.23	24.51	24.58	24.79
4	23.52	23.80	24.00	24.12	24.08	23.48	22.73	23.66	24.22	24.53	24.61	24.81
5	23.56	23.73	24.01	24.14	24.09	23.37	22.76	23.62	24.25	24.57	24.62	24.81
6	23.58	23.75	24.00	24.12	24.08	23.25	22.81	23.60	24.24	24.61	24.63	24.81
7	23.59	23.78	23.99	24.14	24.08	23.19	22.86	23.60	24.23	24.62	24.64	24.79
8	23.59	23.79	24.01	24.14	24.12	23.13	22.95	23.59	24.25	24.63	24.69	24.81
9	23.58	23.80	24.01	24.16	24.16	23.04	23.05	23.51	24.26	24.65	24.68	24.82
10	23.56	23.81	24.01	24.17	24.14	22.98	23.09	23.36	24.31	24.66	24.68	24.85
11	23.56	23.83	24.01	24.18	24.12	22.93	23.11	23.30	24.35	24.68	24.70	24.88
12	23.60	23.86	24.03	24.16	24.13	22.85	23.17	23.23	24.37	24.69	24.72	24.92
13	23.66	23.86	24.01	24.16	24.16	22.85	23.20	23.20	24.38	24.69	24.74	24.95
14	23.68	23.86	24.04	24.18	24.17	22.84	23.21	23.18	24.42	24.69	24.70	24.96
15	23.68	23.87	24.05	24.11	24.18	22.87	23.13	23.12	24.46	24.73	24.68	24.98
16	23.68	23.88	24.04	24.12	24.20	22.93	23.15	23.11	24.48	24.71	24.69	25.01
17	23.68	23.89	24.02	---	24.23	22.99	23.19	23.12	24.38	24.71	24.70	25.03
18	23.68	23.92	24.06	---	24.17	23.04	23.19	23.16	24.37	24.75	24.68	25.05
19	23.68	23.93	24.07	---	24.16	23.13	23.20	23.20	24.38	24.75	24.70	25.07
20	23.71	23.91	24.10	23.93	24.15	23.20	23.21	23.24	24.39	24.74	24.70	25.08
21	23.68	23.94	24.09	23.98	24.05	23.22	23.15	23.30	24.39	24.71	24.69	25.07
22	23.67	23.98	24.11	23.96	24.00	23.31	23.19	23.37	24.41	24.69	24.71	24.95
23	23.69	23.92	24.11	23.94	24.01	23.32	23.22	23.47	24.42	24.64	24.72	24.99
24	23.69	23.92	24.09	23.97	24.01	23.32	23.24	23.60	24.41	24.63	24.73	25.05
25	23.72	23.94	24.10	24.00	23.99	23.36	23.24	23.72	24.41	24.62	24.75	24.98
26	23.73	23.94	24.14	24.01	23.90	23.38	23.26	23.81	24.41	24.61	24.77	24.90
27	23.77	23.93	24.15	23.98	23.85	23.40	23.28	23.88	24.40	24.58	24.80	24.93
28	23.78	23.94	24.13	24.02	23.82	23.38	23.34	23.97	24.41	24.56	24.82	24.92
29	23.79	24.00	24.16	24.02	---	23.32	23.40	24.05	24.42	24.60	24.84	24.88
30	23.80	23.99	24.16	23.99	---	23.21	23.45	24.09	24.42	24.56	24.84	24.84
31	23.80	---	24.15	24.01	---	23.01	---	24.14	---	24.51	24.84	---
MEAN	23.65	23.87	24.06	---	24.08	23.20	23.11	23.51	24.35	24.63	24.70	24.92
MAX	23.80	24.00	24.16	---	24.23	23.80	23.45	24.14	24.48	24.75	24.84	25.08
MIN	23.52	23.73	23.99	---	23.82	22.84	22.73	23.11	24.18	24.45	24.54	24.79

CAL YR 1988 MEAN 23.04 HIGH 21.62 LOW 24.16



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 FOR PERIOD OF RECORD.--Highest mean water level 22.67 ft below land-surface datum, Apr. 18, 1983; lowest, 33.77 ft below land-surface datum, Nov. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

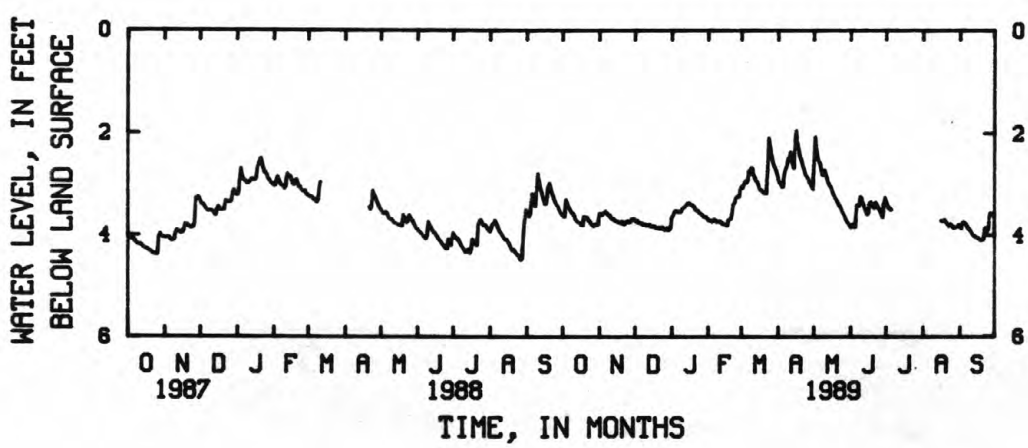
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.74	32.80	---	---	32.71	30.88	28.64	29.95	30.02	30.30	30.65	30.74
2	32.83	32.59	---	---	32.72	30.43	28.79	29.56	29.91	30.24	30.54	30.74
3	32.89	32.36	---	---	32.73	30.19	28.82	28.97	30.00	30.12	30.41	30.81
4	32.92	32.26	---	---	32.72	30.06	28.94	28.34	30.21	30.01	30.30	30.81
5	32.60	32.23	---	---	32.79	29.83	29.06	27.89	30.37	29.96	30.31	30.69
6	32.45	32.34	---	---	32.85	29.70	29.16	27.85	30.27	29.99	30.29	30.74
7	32.43	32.55	---	---	32.85	29.78	29.15	27.83	30.14	29.90	30.42	30.73
8	32.53	32.55	---	---	32.86	29.68	29.21	27.69	30.19	29.89	30.62	30.93
9	32.61	32.70	---	---	32.83	29.49	29.29	27.52	30.28	29.90	30.65	30.95
10	32.63	32.61	---	---	32.78	29.47	29.02	27.48	30.28	30.20	30.64	30.99
11	32.71	32.56	---	---	32.81	29.58	28.86	27.39	30.30	30.26	30.66	31.16
12	32.79	32.58	---	32.34	32.95	29.71	28.83	27.14	30.25	30.31	30.77	31.25
13	32.84	32.68	---	32.36	33.05	29.92	28.84	27.20	30.19	30.26	30.77	31.22
14	32.65	32.78	---	32.25	33.00	29.97	28.93	27.46	30.25	30.39	30.90	31.15
15	32.59	32.72	---	32.12	33.05	30.12	28.83	27.69	30.27	30.57	30.87	31.15
16	32.82	32.76	---	32.11	32.97	30.31	28.84	27.94	30.29	30.37	30.72	31.07
17	32.91	32.80	---	32.05	32.93	30.40	28.78	28.17	30.28	30.39	30.73	31.22
18	32.94	32.67	---	31.99	32.79	30.32	28.59	28.41	30.20	30.34	30.86	31.36
19	32.94	32.58	---	32.03	32.86	30.41	28.65	28.52	30.19	30.13	30.79	31.19
20	32.86	32.60	---	32.05	32.90	30.37	28.85	28.61	30.23	29.98	30.71	31.10
21	32.78	32.61	---	32.19	32.75	30.30	28.70	28.94	30.25	30.09	30.82	31.10
22	32.67	32.49	---	32.27	32.34	30.44	28.56	29.20	30.17	30.09	30.97	30.78
23	32.83	32.48	---	32.34	31.74	30.30	28.71	29.11	29.82	29.95	30.95	30.67
24	32.84	32.53	---	32.34	31.35	29.77	28.98	29.14	29.73	29.94	30.96	30.79
25	32.93	32.54	---	32.44	31.13	29.11	29.09	29.39	29.81	30.01	30.91	30.50
26	32.90	32.58	---	32.55	31.04	28.47	29.21	29.50	29.90	30.16	30.88	30.51
27	32.86	32.54	---	32.54	31.15	28.15	29.33	29.73	30.00	30.30	30.98	30.42
28	32.77	32.69	---	32.60	31.20	27.92	29.45	29.96	30.05	30.22	31.06	30.23
29	32.77	32.76	---	32.69	---	27.86	29.67	29.94	30.16	30.30	30.87	30.20
30	32.80	---	---	32.75	---	27.99	29.98	29.98	30.38	30.34	30.86	30.26
31	32.92	---	---	32.78	---	28.19	---	30.08	---	30.44	30.78	---
MEAN	32.77	---	---	---	32.49	29.65	28.99	28.60	30.15	30.17	30.73	30.85
MAX	32.94	---	---	---	33.05	30.88	29.98	30.08	30.38	30.57	31.06	31.36
MIN	32.43	---	---	---	31.04	27.86	28.56	27.14	29.73	29.89	30.29	30.20

MARLBORO COUNTY

343715079411500. Local number, MLB-112.
LOCATION.--Lat 34°37'15'', long 79°41'15'', Hydrologic Unit 03040201, Marlboro County Recreation Department Building, in Bennettsville.
Owner: Town of Bennettsville.
AQUIFER.--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. Also known as MLB-134.
PERIOD OF RECORD.--January 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.40 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.62	3.58	3.70	3.64	3.70	3.03	2.91	2.60	3.86	3.35	---	3.84
2	3.64	3.58	3.74	3.63	3.72	3.07	2.98	2.07	3.85	3.42	---	3.87
3	3.65	3.62	3.73	3.55	3.72	2.98	3.00	2.33	3.79	3.47	---	3.76
4	3.30	3.60	3.76	3.52	3.75	2.93	3.06	2.49	3.85	3.48	---	3.75
5	3.38	3.55	3.77	3.54	3.73	2.97	3.05	2.55	3.84	3.51	---	3.77
6	3.45	3.53	3.77	3.53	3.70	2.93	2.77	2.60	3.41	---	---	3.79
7	3.49	3.57	3.78	3.55	3.71	2.73	2.70	2.72	3.40	---	---	3.83
8	3.53	3.59	3.80	3.55	3.74	2.80	2.64	2.82	3.43	---	---	3.87
9	3.57	3.62	3.80	3.53	3.75	2.67	2.47	2.83	3.24	---	---	3.90
10	3.59	3.62	3.80	3.47	3.74	2.69	2.52	2.73	3.26	---	---	3.93
11	3.63	3.67	3.81	3.46	3.74	2.79	2.36	2.82	3.36	---	---	3.97
12	3.70	3.70	3.82	3.44	3.76	2.85	2.48	2.89	3.41	---	---	4.00
13	3.74	3.69	3.80	3.41	3.78	2.92	2.59	2.97	3.47	---	---	4.02
14	3.75	3.71	3.83	3.38	3.79	2.95	2.69	3.03	3.55	---	---	4.04
15	3.76	3.73	3.83	3.36	3.80	3.01	2.11	3.06	3.60	---	---	4.06
16	3.79	3.74	3.84	3.38	3.82	3.08	1.95	3.13	3.56	---	3.72	4.06
17	3.81	3.75	3.83	3.40	3.82	3.12	2.17	3.19	3.37	---	3.74	4.08
18	3.82	3.78	3.85	3.41	3.70	3.12	2.31	3.24	3.35	---	3.72	4.11
19	3.64	3.76	3.86	3.43	3.69	3.16	2.43	3.29	3.41	---	3.70	4.11
20	3.67	3.74	3.87	3.45	3.68	3.18	2.50	3.32	3.45	---	3.74	4.10
21	3.66	3.79	3.86	3.51	3.56	3.18	2.58	3.38	3.47	---	3.77	4.07
22	3.67	3.80	3.88	3.51	3.39	3.18	2.67	3.42	3.36	---	3.81	3.85
23	3.72	3.75	3.86	3.52	3.37	2.71	2.75	3.45	3.40	---	3.83	3.89
24	3.74	3.73	3.85	3.56	3.27	2.09	2.82	3.51	3.45	---	3.79	3.93
25	3.79	3.75	3.88	3.58	3.24	2.26	2.85	3.56	3.50	---	3.82	3.87
26	3.81	3.75	3.91	3.60	3.23	2.42	2.90	3.61	3.56	---	3.85	3.57
27	3.83	3.75	3.89	3.61	3.24	2.54	2.96	3.66	3.62	---	3.87	3.56
28	3.80	3.69	3.87	3.65	3.07	2.62	2.99	3.72	3.66	---	3.85	3.60
29	3.80	3.70	3.91	3.66	---	2.66	3.05	3.75	3.37	---	3.85	3.62
30	3.81	3.69	3.89	3.65	---	2.73	3.10	3.78	3.26	---	3.84	3.61
31	3.80	---	3.86	3.68	---	2.80	---	3.82	---	---	3.80	---
MEAN	3.68	3.68	3.83	3.52	3.61	2.84	2.68	3.11	3.50	---	---	3.88
MAX	3.83	3.80	3.91	3.68	3.82	3.18	3.10	3.82	3.86	---	---	4.11
MIN	3.30	3.53	3.70	3.36	3.07	2.09	1.95	2.07	3.24	---	---	3.56



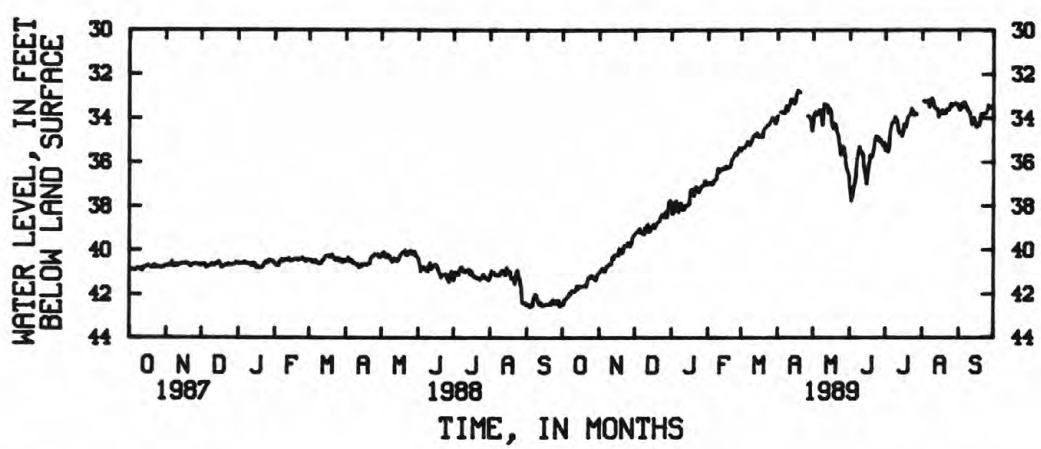
ORANGEBURG COUNTY

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.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.
REMARKS.--Test hole Electric and Gamma logged Feb. 20, 1973 to a depth of 300 ft. Gamma logged Apr. 6, 1979 to a depth of 220 ft. Electric logged Apr. 6, 1979, depth 220 ft. Caliper logged Apr. 6, 1979, depth 220 ft. Gamma logged in 1981 to a depth of 204 ft. Water-level affected by nearby pumpage.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES FOR 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 1988 TO SEPTEMBER 1989
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.50	41.04	39.30	38.07	36.98	35.47	33.89	34.26	37.23	35.49	---	33.49
2	42.45	40.94	39.19	38.35	36.97	35.35	---	33.77	37.80	35.26	33.19	33.65
3	42.26	40.83	39.18	38.24	36.94	35.34	33.72	33.72	37.63	35.54	33.26	33.38
4	42.24	40.91	39.10	37.82	37.01	35.31	33.74	33.86	37.18	35.35	33.23	33.51
5	42.14	40.96	39.02	37.75	36.95	35.21	33.72	33.71	36.99	34.57	33.26	33.29
6	42.12	40.96	39.21	38.12	36.81	35.07	33.78	33.62	36.63	34.29	33.17	33.29
7	41.96	40.73	39.25	38.26	36.81	35.10	33.77	33.66	35.84	34.16	33.51	33.51
8	42.00	40.74	39.18	38.01	36.72	35.23	33.43	33.90	35.65	34.18	33.38	33.52
9	41.83	40.63	39.30	37.87	36.28	35.13	33.66	34.33	35.28	33.94	33.09	33.72
10	41.91	40.67	38.95	38.10	36.49	34.98	33.54	33.35	35.49	34.04	33.19	33.72
11	41.89	40.62	39.08	38.18	36.38	34.82	33.39	33.37	35.60	34.19	33.40	33.95
12	41.83	40.29	38.82	38.10	36.35	34.75	33.14	33.38	35.62	34.60	33.57	34.30
13	41.62	40.40	39.17	37.98	36.26	34.82	33.12	33.43	36.25	34.72	33.57	34.07
14	41.76	40.20	39.14	37.98	36.32	34.67	33.25	33.78	36.58	34.64	33.59	34.01
15	41.67	40.23	39.00	37.92	36.30	34.72	33.34	33.58	37.01	34.83	33.95	34.23
16	41.64	40.18	38.93	37.88	36.17	34.85	33.23	33.78	36.53	34.60	33.81	34.46
17	41.65	40.24	38.83	37.28	36.28	34.82	32.90	34.35	36.10	34.28	33.77	34.34
18	41.64	39.93	38.99	37.22	36.24	34.85	32.75	34.50	35.68	34.42	33.65	34.35
19	41.63	40.00	38.86	37.22	36.22	34.85	32.80	34.26	35.80	34.15	33.75	34.16
20	41.57	40.14	38.74	37.53	36.13	34.52	32.82	34.34	35.69	33.92	33.80	33.80
21	41.65	40.08	38.70	37.14	35.87	34.44	---	34.63	35.42	33.85	33.77	33.92
22	41.43	39.79	38.66	37.11	35.80	34.40	---	34.79	34.99	33.84	33.59	33.78
23	41.23	39.78	38.45	37.19	35.69	34.32	---	35.14	34.82	33.56	33.64	33.80
24	41.26	39.81	38.36	37.36	35.56	34.32	---	35.70	34.92	33.66	33.60	33.79
25	41.14	39.66	38.41	37.22	35.66	34.22	---	35.63	34.86	33.87	33.34	33.62
26	41.16	39.68	38.50	37.14	35.55	34.11	33.91	35.30	35.08	33.78	33.47	33.40
27	41.27	39.83	38.25	37.07	35.34	33.98	33.90	35.36	34.99	33.83	33.37	33.55
28	41.28	39.71	38.51	37.05	35.35	34.01	33.97	35.73	35.13	---	33.38	33.52
29	41.37	39.44	38.16	36.86	---	34.02	34.15	36.24	35.28	---	33.30	33.50
30	41.22	39.33	37.79	36.85	---	34.25	34.60	36.42	35.14	---	33.34	33.57
31	41.04	---	37.73	37.01	---	34.08	---	36.63	---	---	33.39	---
MEAN	41.69	40.26	38.80	37.61	36.27	34.71	---	34.47	35.91	---	---	33.77
MAX	42.50	41.04	39.30	38.35	37.01	35.47	---	36.63	37.80	---	---	34.46
MIN	41.04	39.33	37.73	36.85	35.34	33.98	---	33.35	34.82	---	---	33.29

CAL YR 1988 TOTAL 14910.57 MEAN 40.74 HIGH 37.73 LOW 42.63

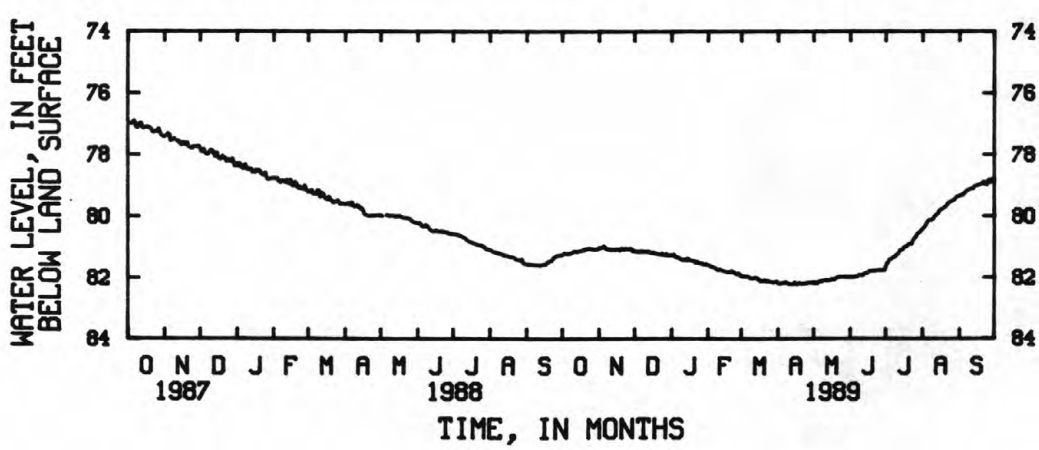


340335080583501. Local number, RIC-40.
LOCATION.--Lat 34°03'33'', long 80°58'37'', Hydrologic Unit 03050110, on Shakespeare Road in Dentsville, north of Columbia, at the Shakespeare Mgf. Company.
Owner: Shakespeare Manufacturing Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 245 ft, cased to 233 ft, screened intervals 98-105, 130-135, 233-245 ft.
INSTRUMENTATION.--Data collection platform--60 minute collection interval.
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.--1949 to 1952, 1957 to 1970 (fragmentary), Dec. 1971 to Sept. 1973 (noon reading only), Oct. 1973 to current year. Published as Shakespeare Mfg. Company, 1949 to 1952, and as RIC-1, 1957 to Sept. 1973.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 69.91 ft below land-surface datum, May 23, 1960; lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81.27	81.04	81.15	81.29	81.62	81.98	82.21	82.18	82.00	81.65	80.42	79.33
2	81.24	81.04	81.17	81.30	81.64	81.99	82.23	82.17	82.00	81.54	80.37	79.31
3	81.22	81.04	81.18	81.27	81.65	81.97	82.21	82.21	82.00	81.51	80.33	79.32
4	81.23	81.03	81.16	81.33	81.68	82.00	82.21	82.21	82.00	81.41	80.27	79.31
5	81.23	80.98	81.18	81.37	81.68	82.00	82.20	82.16	81.99	81.41	80.20	79.27
6	81.24	81.02	81.17	81.35	81.69	81.98	82.20	82.14	81.99	81.39	80.15	79.22
7	81.23	81.07	81.15	81.38	81.71	82.01	82.17	82.13	81.97	81.35	80.13	79.18
8	81.22	81.09	81.17	81.40	81.76	82.04	82.18	82.14	81.94	81.33	80.14	79.16
9	81.20	81.11	81.17	81.42	81.78	82.05	82.22	82.12	81.94	81.30	80.12	79.14
10	81.18	81.10	81.17	81.44	81.78	82.05	82.23	82.11	81.94	81.27	80.08	79.12
11	81.15	81.10	81.17	81.45	81.76	82.05	82.24	82.10	81.94	81.23	80.01	79.11
12	81.16	81.12	81.19	81.43	81.77	82.03	82.24	82.11	81.93	81.18	79.98	79.11
13	81.17	81.11	81.16	81.43	81.80	82.04	82.24	82.11	81.88	81.12	79.94	79.07
14	81.17	81.11	81.20	81.46	81.81	82.04	82.24	82.11	81.88	81.11	79.91	79.02
15	81.15	81.11	81.21	81.40	81.82	82.07	82.18	82.09	81.88	81.09	79.84	79.01
16	81.14	81.10	81.21	81.43	81.83	82.12	82.21	82.07	81.84	81.03	79.79	79.00
17	81.14	81.10	81.20	81.46	81.84	82.14	82.24	82.08	81.80	81.01	79.78	78.99
18	81.12	81.12	81.22	81.46	81.84	82.13	82.22	82.08	81.81	81.00	79.77	78.97
19	81.09	81.12	81.24	81.47	81.83	82.14	82.20	82.07	81.80	80.96	79.73	78.95
20	81.11	81.06	81.25	81.47	81.84	82.13	82.22	82.03	81.80	80.92	79.70	78.94
21	81.08	81.09	81.26	81.54	81.81	82.11	82.23	82.01	81.80	80.92	79.66	78.89
22	81.07	81.11	81.26	81.54	81.83	82.15	82.22	82.00	81.79	80.91	79.61	78.90
23	81.07	81.08	81.26	81.51	81.85	82.14	82.22	82.00	81.79	80.89	79.57	78.95
24	81.06	81.08	81.23	81.54	81.90	82.14	82.22	81.99	81.78	80.79	79.54	78.99
25	81.08	81.10	81.25	81.56	81.92	82.16	82.21	82.00	81.78	80.74	79.53	78.85
26	81.08	81.09	81.28	81.57	81.90	82.17	82.19	82.00	81.78	80.69	79.51	78.81
27	81.10	81.06	81.29	81.56	81.89	82.19	82.19	82.00	81.78	80.61	79.48	78.91
28	81.10	81.08	81.25	81.59	81.93	82.19	82.19	82.00	81.78	80.56	79.45	78.87
29	81.10	81.16	81.30	81.60	---	82.17	82.18	82.00	81.77	80.54	79.40	78.79
30	81.10	81.14	81.30	81.58	---	82.16	82.20	81.99	81.77	80.51	79.37	78.77
31	81.08	---	81.29	81.60	---	82.15	---	82.00	---	80.46	79.37	---
MEAN	81.15	81.09	81.22	81.46	81.79	82.09	82.21	82.08	81.87	81.05	79.84	79.04
MAX	81.27	81.16	81.30	81.60	81.93	82.19	82.24	82.21	82.00	81.65	80.42	79.33
MIN	81.06	80.98	81.15	81.27	81.62	81.97	82.17	81.99	81.77	80.46	79.37	78.77

WTR YR 1989 TOTAL 29651.62 MEAN 81.24 HIGH 78.77 LOW 82.24



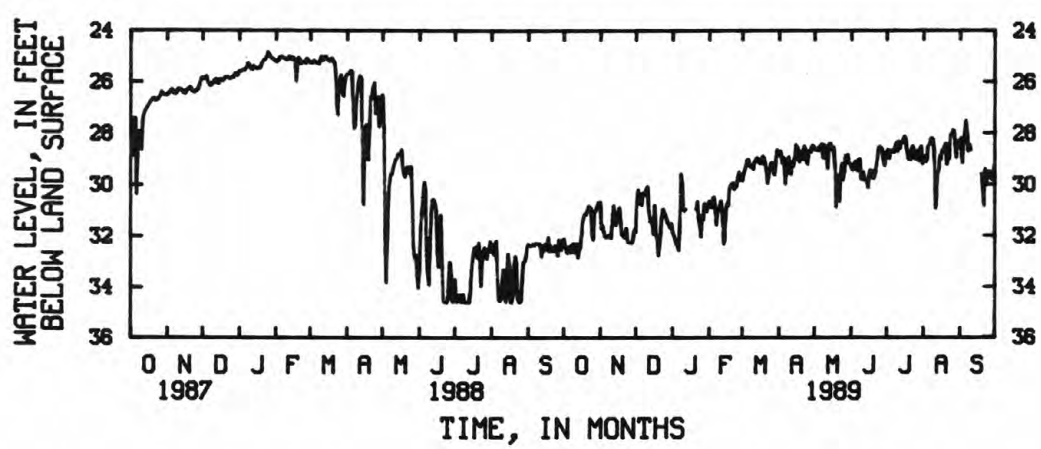
RICHLAND COUNTY

334944080380100. Local number, RIC-63.
LOCATION.--Lat 33°49'44''(Revised), long 80°37'59''(Revised), Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of State Highway 601, near Wateree.
Owner: Hercules, Inc.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 25 in, depth 597 ft, 20 in casing from LSD to 420 ft, 10 in casing from 370 to 547 ft, screened intervals 417-420, 425-445, 456-476, 478-498, 500-520, 522-542 ft, open hole from 547 to 597.
INSTRUMENTATION.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.
REMARKS.--Water-quality analysis on file in District office. Caliper logged July 23, 1980, depth 546 ft. Gamma logged Jul. 23, 1980, depth 371 ft. Water-level affected by nearby irrigational pumpage.
PERIOD OF RECORD.--February 1981 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 20.32 ft below land-surface datum, Apr. 15, 1983; lowest, 36.84 ft below land-surface datum, May 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.12	30.68	31.85	31.86	30.64	29.85	28.72	28.65	29.33	28.75	28.91	28.50
2	32.38	31.75	30.39	31.99	30.66	29.59	28.71	28.63	29.45	28.66	28.98	28.20
3	32.45	31.63	30.21	32.15	30.91	29.39	28.95	28.67	29.33	29.00	29.12	29.17
4	32.69	31.85	30.76	32.33	30.51	29.22	29.21	28.68	29.12	28.67	29.02	28.36
5	32.46	32.08	30.52	32.42	30.47	29.03	28.98	28.53	29.33	28.71	28.52	28.06
6	32.42	32.08	30.80	32.59	30.95	29.02	30.00	28.53	29.48	28.68	28.42	27.51
7	32.66	32.07	30.33	31.87	31.61	29.28	29.63	28.42	29.03	28.75	28.23	27.98
8	32.37	31.99	30.33	29.58	31.08	29.31	29.25	28.99	29.01	28.50	28.19	28.72
9	32.31	32.03	30.41	29.92	30.88	29.26	28.93	28.46	29.83	28.36	28.23	28.48
10	32.67	32.11	30.15	30.96	30.99	29.41	29.55	28.70	29.59	28.71	28.72	28.67
11	32.35	31.59	30.08	31.05	30.64	29.14	29.61	29.05	29.53	28.33	30.97	---
12	32.32	30.82	31.06	30.98	31.14	29.08	29.14	29.41	29.86	28.60	30.84	---
13	32.88	31.21	31.49	---	32.34	28.96	29.29	28.43	29.89	28.40	29.62	---
14	32.57	31.59	31.35	---	32.23	28.97	29.04	28.38	29.91	28.36	29.45	---
15	32.48	31.35	31.58	---	31.18	29.15	28.45	28.66	30.16	28.20	28.85	---
16	31.99	31.29	31.97	---	30.76	29.13	28.51	28.57	29.63	28.12	29.02	---
17	31.45	30.90	30.82	---	30.81	29.20	28.62	28.55	29.44	28.22	28.65	---
18	31.23	31.43	31.94	---	30.17	28.89	29.12	29.14	29.45	28.72	28.68	---
19	31.11	31.98	32.16	---	29.98	28.95	28.81	30.92	29.78	29.04	28.50	29.60
20	31.17	31.99	32.80	---	29.97	29.15	28.72	29.64	29.78	28.84	28.40	30.18
21	31.00	32.09	32.38	30.98	29.93	29.46	29.03	29.93	29.58	29.05	29.25	30.84
22	30.84	31.96	31.96	30.68	30.20	29.98	28.51	30.68	29.27	28.60	29.01	29.38
23	30.89	31.73	31.32	31.45	30.05	29.72	28.60	29.55	29.00	28.52	29.01	30.05
24	30.92	32.27	30.95	31.65	30.08	29.45	28.97	29.18	28.55	28.97	28.04	29.75
25	31.96	32.27	31.10	32.06	29.72	29.17	29.23	29.84	28.51	29.02	28.06	29.51
26	32.17	32.28	31.17	31.19	29.52	29.14	28.74	29.55	28.57	28.82	27.88	29.50
27	31.03	32.29	31.35	31.38	29.85	29.35	28.67	28.87	28.64	28.69	27.90	29.78
28	31.02	32.28	31.53	30.75	29.61	29.63	28.73	28.91	29.04	29.11	28.46	29.83
29	30.91	32.03	31.56	30.81	---	29.23	28.47	28.84	29.29	28.60	28.97	29.69
30	30.70	31.76	31.70	31.06	---	28.64	28.49	29.19	29.00	28.52	28.32	29.23
31	30.75	---	31.53	30.77	---	28.88	---	29.21	---	29.22	28.60	---
MEAN	31.82	31.78	31.21	---	30.60	29.25	28.96	29.06	29.35	28.67	28.80	---
MAX	32.88	32.29	32.80	---	32.34	29.98	30.00	30.92	30.16	29.22	30.97	---
MIN	30.70	30.68	30.08	---	29.52	28.64	28.45	28.38	28.51	28.12	27.88	---

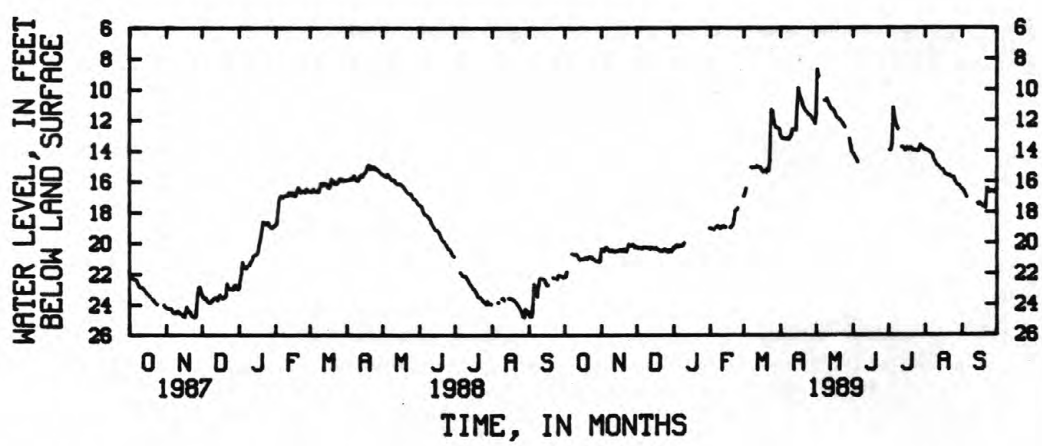
CAL YR 1988 TOTAL 10992.36 MEAN 30.03 HIGH 24.86 LOW 34.64



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.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.
REMARKS.--Water-level affected by nearby pumping.
PERIOD OF RECORD.--September 1971 to June 1975, September 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level recorded 4.11 ft below land-surface datum, Mar. 1, 1987; lowest, 44.83 ft below land-surface datum, Dec. 30, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.21	20.38	20.27	20.27	19.04	16.96	13.02	11.63	14.20	---	13.98	16.55
2	22.14	20.38	20.35	20.31	19.08	16.82	13.22	8.70	14.34	13.97	13.98	16.61
3	21.87	20.52	20.34	20.17	19.09	16.47	13.17	9.17	14.47	13.94	14.03	16.74
4	---	20.48	20.31	20.12	19.13	---	13.20	---	14.62	13.57	14.09	16.92
5	---	20.26	20.38	20.24	---	---	13.25	---	14.77	11.17	14.13	17.06
6	---	20.31	20.33	20.17	18.97	---	13.27	---	---	11.82	14.19	---
7	20.70	20.45	20.28	20.18	18.88	15.08	13.21	---	---	12.26	14.31	---
8	20.73	20.54	20.31	20.18	18.96	15.11	13.27	10.73	---	12.44	14.55	---
9	20.75	20.55	20.30	20.10	19.07	15.07	13.12	10.75	---	12.62	14.73	---
10	20.75	20.47	20.31	19.98	19.04	15.08	13.00	10.62	---	---	14.88	---
11	20.72	20.50	20.30	---	18.95	15.08	12.61	10.85	---	---	14.97	---
12	20.84	20.59	20.39	---	18.89	14.97	12.62	11.01	---	13.79	15.03	---
13	21.03	20.52	20.30	---	18.97	15.05	12.62	11.19	---	13.77	15.13	---
14	21.09	20.52	20.34	---	18.99	15.06	12.63	11.32	---	13.86	15.23	17.47
15	21.06	20.52	20.36	---	---	15.08	11.13	11.33	---	14.02	15.26	17.56
16	21.04	20.48	20.37	---	---	15.25	9.89	11.45	---	13.88	15.29	17.44
17	21.04	20.42	20.33	---	---	15.40	10.35	11.63	---	13.80	15.45	17.55
18	20.99	20.53	20.41	---	19.01	15.30	10.58	11.82	---	13.92	15.60	17.64
19	20.94	20.52	20.45	---	18.90	15.35	10.79	11.93	---	13.90	15.62	17.71
20	21.03	20.40	20.54	---	18.82	15.42	11.13	11.94	---	13.82	15.67	17.75
21	20.96	20.47	20.52	---	18.47	15.21	11.27	12.01	---	13.91	15.63	17.77
22	20.87	20.58	20.55	---	17.90	15.30	11.39	12.13	---	14.00	15.70	16.46
23	20.96	20.36	20.52	---	17.83	14.66	11.50	12.21	---	13.99	15.75	16.50
24	20.92	20.07	20.43	---	17.73	11.29	11.59	12.39	---	14.00	15.77	16.72
25	21.04	20.18	20.43	---	---	11.39	11.65	12.49	---	14.04	15.78	16.70
26	21.08	20.18	20.56	---	---	11.90	11.71	---	---	14.06	16.03	16.61
27	21.16	20.10	20.61	---	---	12.31	11.81	---	---	13.90	16.13	16.69
28	21.18	20.10	20.47	---	---	12.49	11.97	---	---	13.65	16.25	16.72
29	21.21	20.29	20.55	---	---	12.54	12.09	13.25	---	13.74	16.31	16.70
30	21.24	20.27	20.56	---	---	12.55	12.25	13.69	---	13.83	16.34	16.52
31	21.18	---	20.45	19.06	---	12.61	---	14.11	---	13.89	16.45	---
MEAN	---	20.40	20.41	---	---	---	12.11	---	---	---	15.23	---
MAX	---	20.59	20.61	---	---	---	13.27	---	---	---	16.45	---
MIN	---	20.07	20.27	---	---	---	9.89	---	---	---	13.98	---



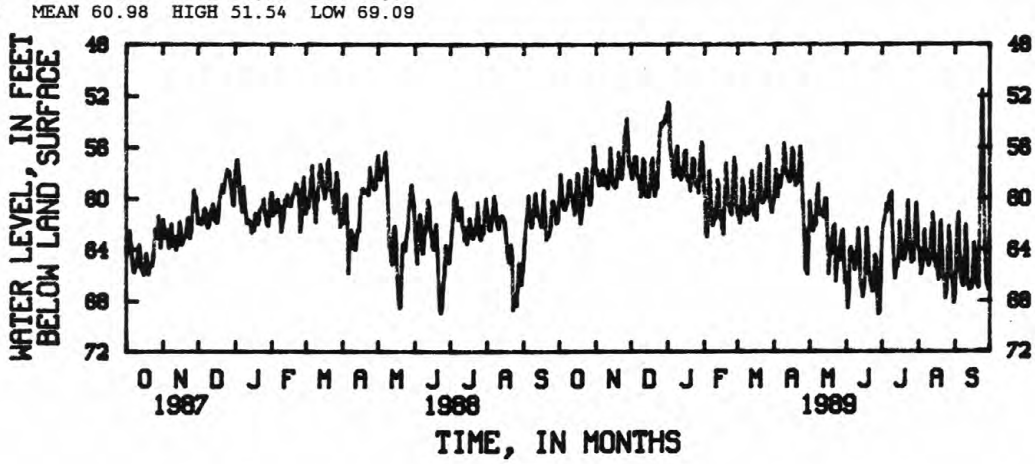
SUMTER COUNTY

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 216 ft, 8 in from 204 to 625 ft, depth 625 ft, cased to 625 ft, screened intervals 508-528, 550-570, 605-625 ft.
INSTRUMENTATION.--Data collection platform--60 minute collection interval.
DATUM.--Land-surface datum is 176 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pad, 0.42 ft above land-surface datum.
REMARKS.--Original screened interval 415-435 ft cement plugged Jan. 21, 1953. Geophysical logged Sept. 1979 to 364 ft. Water-level affected by pumping of nearby wells. Geophysical logs and water-quality data available in District files.
PERIOD OF RECORD.--Monthly values, 1946 to 1969. June 1970 to current year. (October 1970 to September 1981, published as SU-69.)
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 40.57 ft below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60.22	58.05	57.99	52.49	60.33	61.12	59.95	60.26	66.28	63.15	63.91	67.55
2	58.12	57.84	58.49	52.63	62.69	61.51	57.72	61.31	68.61	62.05	64.19	65.39
3	58.99	58.69	57.64	56.07	63.02	61.93	58.15	61.89	67.48	61.69	65.94	61.88
4	60.25	58.98	56.75	56.60	61.69	61.18	59.87	62.56	64.01	60.45	65.51	61.14
5	60.82	58.34	56.74	57.85	57.84	58.44	58.28	62.18	63.85	61.09	64.82	64.31
6	60.88	58.11	58.17	58.35	59.45	59.13	59.11	62.10	64.78	60.74	62.49	66.10
7	60.56	57.78	58.34	58.21	60.95	60.76	58.41	59.72	64.32	59.76	64.13	66.63
8	60.30	58.98	58.80	56.48	62.13	61.31	57.84	58.91	65.64	60.08	64.61	66.89
9	58.62	58.30	59.87	55.93	61.76	61.11	55.67	60.98	64.56	59.52	64.91	65.66
10	58.61	58.92	59.70	57.52	61.64	61.22	56.50	61.33	64.12	62.82	65.29	62.12
11	59.77	59.23	56.90	58.33	60.87	60.99	57.93	61.11	62.38	64.93	64.81	63.82
12	59.79	58.51	57.19	58.58	58.53	58.76	58.24	60.95	63.92	66.30	62.88	66.72
13	60.41	56.04	58.95	58.37	58.89	57.86	58.40	61.50	66.81	65.51	61.14	67.16
14	61.26	56.97	59.87	57.85	61.55	60.24	58.73	60.06	67.09	65.38	62.00	66.72
15	60.69	58.70	59.67	56.38	61.08	61.35	58.22	60.10	67.75	64.78	65.01	67.07
16	58.02	58.94	59.88	56.23	62.40	60.95	56.05	63.04	67.01	61.79	65.41	66.61
17	58.17	59.16	59.12	58.27	62.81	61.72	56.36	65.95	65.63	63.20	65.59	63.50
18	60.40	59.11	57.36	58.65	60.40	60.09	58.19	64.54	62.31	64.38	66.39	64.71
19	61.97	58.41	56.83	58.71	57.20	57.46	59.02	64.32	63.78	64.83	64.05	66.64
20	61.38	56.37	58.68	59.44	58.61	57.30	58.86	63.42	65.56	64.83	61.77	66.74
21	60.58	57.11	59.80	58.28	60.51	59.94	58.73	62.31	66.40	64.31	63.92	67.00
22	59.05	58.23	59.15	56.86	60.61	60.38	58.09	62.10	66.75	62.23	66.14	59.61
23	57.60	58.46	59.18	56.97	61.08	60.21	55.92	66.53	67.30	60.17	66.80	54.02
24	57.69	57.26	56.97	58.81	61.30	60.03	57.29	65.46	67.19	62.14	67.85	51.54
25	59.67	55.19	55.07	59.02	59.24	58.91	60.19	64.02	64.46	63.63	67.20	55.87
26	59.82	54.69	54.14	59.04	56.78	55.91	62.32	64.89	64.72	65.06	64.78	63.30
27	60.53	53.77	54.38	59.60	57.49	56.45	65.59	63.75	67.52	64.38	62.21	65.65
28	59.95	55.22	54.01	57.80	60.62	60.00	65.66	63.07	69.09	64.90	63.82	66.89
29	57.89	57.03	54.11	55.60	---	60.81	65.96	62.50	68.92	62.45	66.12	67.20
30	55.92	57.52	53.53	55.62	---	61.15	63.50	64.96	66.24	60.39	66.47	65.75
31	56.56	---	53.94	58.14	---	60.33	---	66.68	---	62.03	68.20	---
MEAN	59.50	57.66	57.46	57.38	60.41	59.95	59.16	62.66	65.82	62.87	64.79	64.14
MAX	61.97	59.23	59.88	59.60	63.02	61.93	65.96	66.68	69.09	66.30	68.20	67.55
MIN	55.92	53.77	53.53	52.49	56.78	55.91	55.67	58.91	62.31	59.52	61.14	51.54

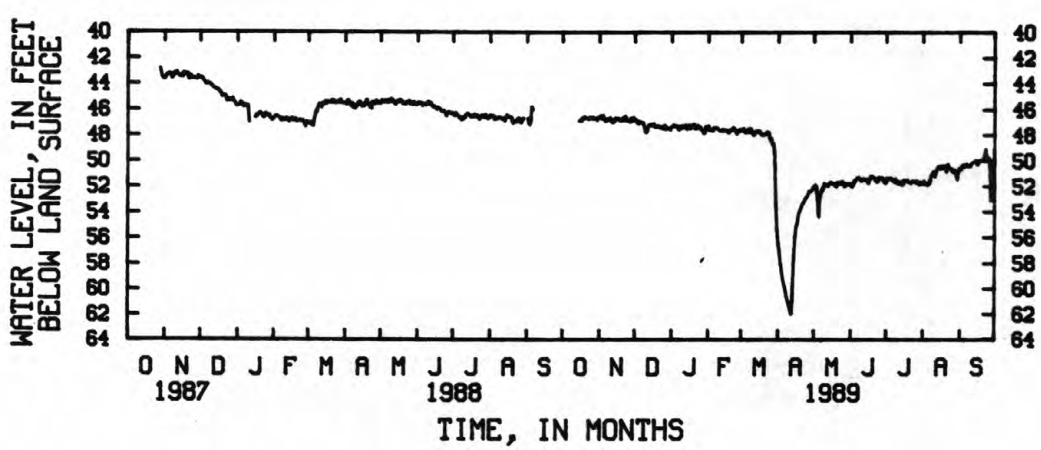
CAL YR 1988 MEAN 60.76 HIGH 53.53 LOW 68.97
WTR YR 1989 MEAN 60.98 HIGH 51.54 LOW 69.09



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 FOR PERIOD OF RECORD.--Highest mean water level 34.55 ft below land-surface datum, Jan. 12, 1982; lowest, 61.99 ft below land-surface datum, Apr. 12, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	46.63	46.82	47.36	47.30	47.68	56.66	52.01	51.82	51.72	51.82	50.58
2	---	46.52	46.81	47.31	47.63	47.62	57.34	51.88	52.04	51.38	51.62	50.67
3	---	46.71	47.07	47.23	47.63	47.49	58.14	51.96	51.91	51.41	51.78	50.41
4	---	46.49	47.15	47.30	47.64	47.81	58.88	53.03	51.54	51.40	51.83	50.31
5	---	46.72	46.96	47.38	47.65	47.81	59.28	54.39	51.61	51.36	51.93	50.46
6	---	46.93	47.03	47.31	47.47	47.68	59.77	52.86	51.39	51.43	51.76	50.28
7	---	46.89	47.04	47.60	47.46	47.55	60.18	52.47	51.40	51.59	51.61	50.22
8	---	46.76	47.10	47.52	47.47	47.80	60.64	52.28	51.32	51.67	51.19	50.44
9	---	46.84	47.54	47.32	47.51	47.51	60.99	52.13	51.40	51.47	51.03	50.41
10	---	46.66	47.82	47.45	47.63	47.83	61.33	51.76	51.57	51.76	50.81	50.44
11	---	46.92	47.76	47.27	47.64	48.02	61.64	51.90	51.43	51.77	51.23	50.21
12	---	47.04	47.37	47.40	47.68	47.94	61.99	51.92	51.43	51.64	50.95	50.12
13	---	46.83	47.21	47.23	47.69	47.76	60.94	51.97	51.50	51.69	50.64	50.09
14	---	46.90	47.24	47.57	47.57	47.70	57.58	51.75	51.43	51.90	50.45	50.03
15	46.92	46.67	47.18	47.43	47.72	47.78	55.97	51.65	51.59	51.85	50.42	49.95
16	46.82	46.72	47.20	47.23	47.64	47.73	55.16	51.73	51.76	51.56	50.62	50.33
17	46.91	46.71	47.16	47.48	47.69	47.79	55.00	51.73	51.47	51.61	50.40	50.13
18	46.62	46.85	47.38	47.24	47.84	48.01	54.17	51.79	51.23	51.55	50.50	49.97
19	46.71	46.83	47.35	47.36	47.73	48.04	53.95	51.99	51.20	51.56	50.59	49.99
20	46.57	46.88	47.30	47.17	47.55	48.00	53.74	52.01	51.28	51.65	50.39	49.91
21	46.68	46.64	47.41	47.52	47.61	47.93	53.41	51.67	51.34	51.72	50.87	49.86
22	46.69	46.85	47.32	47.47	47.42	47.89	53.34	51.81	51.46	51.73	50.27	49.58
23	46.78	46.55	47.39	47.25	47.52	47.79	53.08	51.81	51.63	51.65	50.51	49.11
24	46.61	46.75	47.51	47.45	47.67	47.83	52.90	51.68	51.60	51.60	50.63	49.68
25	46.65	46.91	47.46	47.41	47.92	48.41	52.86	51.61	51.32	51.66	50.63	49.87
26	46.73	46.94	47.24	47.60	47.67	48.29	52.60	51.75	51.37	51.70	50.84	49.81
27	46.62	46.96	47.57	47.68	47.73	48.78	52.37	52.01	51.36	51.60	50.92	53.19
28	46.74	46.68	47.49	47.88	47.58	48.68	52.40	51.79	51.34	51.67	50.74	50.86
29	46.72	46.90	47.48	47.80	---	49.63	52.35	51.87	51.51	51.86	51.21	50.36
30	46.86	46.62	47.51	47.37	---	53.72	52.17	51.85	51.75	51.71	51.48	50.59
31	46.59	---	47.59	47.49	---	55.52	---	51.77	---	51.74	50.81	---
MEAN	---	46.78	47.31	47.42	47.62	48.39	56.36	52.03	51.50	51.63	50.98	50.26
MAX	---	47.04	47.82	47.88	47.92	55.52	61.99	54.39	52.04	51.90	51.93	53.19
MIN	---	46.49	46.81	47.17	47.30	47.49	52.17	51.61	51.20	51.36	50.27	49.11



YORK COUNTY

350150081012500. Local number, YK-147.
LOCATION.--Lat 35°01'37'', long 81°01'59'', Hydrologic Unit 03050101, near Fort Mill on Lake Wylie.
Owner: Tega Cay Development.
AQUIFER.--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 platform, 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, 28.28 ft below land-surface datum, May 31, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	23.59	---	21.93	22.08	22.00	22.90	23.53	24.49	23.37	23.63	23.54
2	---	23.58	---	21.97	22.15	21.90	22.95	23.43	24.74	23.61	23.58	23.57
3	---	23.58	---	21.90	22.20	21.80	22.93	23.43	25.09	23.87	23.62	23.65
4	---	23.47	---	21.99	22.31	21.75	22.97	23.41	25.46	24.03	23.66	23.75
5	---	23.29	---	22.03	22.37	21.67	22.95	23.33	25.84	24.10	23.73	23.80
6	---	23.29	23.46	21.95	22.38	21.54	22.92	23.35	26.06	24.15	23.83	23.88
7	---	23.33	23.38	21.95	22.39	21.55	22.85	23.38	26.03	24.09	24.00	23.88
8	---	23.36	23.35	21.91	22.44	21.60	22.84	23.41	25.83	23.94	24.24	23.86
9	---	23.36	23.28	21.97	22.41	21.62	22.85	23.35	25.54	23.77	24.38	23.92
10	---	23.28	23.24	22.03	22.28	21.71	22.91	23.20	25.33	23.66	24.38	23.99
11	---	---	23.13	22.02	22.14	21.78	22.94	23.13	25.08	23.58	24.31	24.13
12	---	---	23.06	21.92	22.08	21.76	22.92	23.06	24.87	23.57	24.26	24.32
13	---	---	22.86	21.92	22.08	21.81	22.87	23.11	24.81	23.62	24.26	24.40
14	---	---	22.79	21.92	22.11	21.84	22.83	23.29	24.91	23.78	24.26	24.56
15	---	---	22.68	21.78	22.23	21.90	22.72	23.39	25.05	23.93	24.28	24.67
16	---	---	22.59	21.81	22.33	22.01	22.72	23.46	25.19	23.99	24.27	24.72
17	---	---	22.45	21.91	22.39	22.11	22.78	23.50	25.24	24.05	24.27	24.74
18	---	---	22.43	22.00	22.31	22.13	22.83	23.49	25.17	24.11	24.16	24.71
19	---	---	22.39	22.10	22.38	22.25	22.89	23.44	25.00	23.99	24.06	24.70
20	---	---	22.38	22.20	22.57	22.36	23.03	23.38	24.80	23.82	23.99	24.57
21	---	---	22.31	22.42	22.66	22.41	23.13	23.38	24.55	23.70	23.94	24.42
22	---	---	22.30	22.43	22.70	22.53	23.22	23.40	24.37	23.61	23.87	23.92
23	---	---	22.26	22.37	22.67	22.48	23.29	23.37	24.14	23.55	23.76	23.81
24	---	---	22.19	22.35	22.62	22.29	23.39	23.41	23.82	23.53	23.71	23.80
25	---	---	22.20	22.35	22.52	22.39	23.46	23.40	23.57	23.50	23.69	23.77
26	---	---	22.23	22.29	22.31	22.47	23.48	23.39	23.33	23.46	23.63	23.80
27	---	---	22.18	22.22	22.19	22.54	23.49	23.43	23.12	23.43	23.56	23.90
28	23.62	---	22.06	22.21	22.04	22.63	23.53	23.55	23.08	23.45	23.55	23.90
29	23.68	---	22.09	22.12	---	22.67	23.55	23.70	23.12	23.59	23.52	23.82
30	23.71	---	22.02	22.02	---	22.70	23.60	23.90	23.22	23.65	23.48	23.70
31	23.72	---	21.92	22.06	---	22.76	---	24.19	---	23.65	23.54	---
MEAN	---	---	---	22.07	22.33	22.10	23.06	23.43	24.69	23.75	23.92	24.07
MAX	---	---	---	22.43	22.70	22.76	23.60	24.19	26.06	24.15	24.38	24.74
MIN	---	---	---	21.78	22.04	21.54	22.72	23.06	23.08	23.37	23.48	23.54