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Water Resources Data South Carolina Water Year 1988

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U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-88-1
Prepared in cooperation with the State of South Carolina
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CALENDAR FOR WATER YEAR 1988

1987

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Water Resources Data South Carolina Water Year 1988

by C.S. Bennett, R.D. Hayes, K.H. Jones, and T.W. Cooney

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-88-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

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

PREFACE

This volume of the annual hydrologic data report of South Carolina is one of a series of annual reports that document hydrologic data gathered from the U. S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for South Carolina are contained in one volume.

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

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Water resources data for the 1988 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 104 gaging stations, stage only at 18 gaging stations, stage and contents at 12 lakes and reservoirs, water-quality at 61 gaging stations, and water levels at 43 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

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

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INTRODUCTION

Water resources data for the 1988 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 104 gaging stations; stage-only records for 18 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 61 gaging stations; and water levels for 43 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-88-1." 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

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

Streamflow

Deficient rainfall recorded throughout South Carolina produced below normal streamflow for most of the 1988 water year over most of the State. Streamflow in the Piedmont Province is very sensitive to precipitation due to geologic and topographic conditions. Streams located in the lower Piedmont just above the Fall Line experienced highly variable flows during drought conditions. Rainfall at a National Weather Service station at the Greenville-Spartanburg Airport was 28 percent below normal for the 1988 water year. Low-flow conditions in the Coastal Plains Provinces were also below normal due to the drought experienced over the State. Rainfall recorded near Columbia and Charleston by the National Weather Service was 4 percent and 11 percent below normal, respectively, for the 1988 water year. Much of the rainfall in the Coastal Plains Provinces occurred during the months of August and September, therefore, most of the other months experienced a more severe deficit than reflected by the annual totals. The following table lists the minimum mean daily discharge for six stations for comparison with the computed 7-day, 10-year minimum discharge.

Station	Drainage area (square mile)	Minimum mean daily discharge (cubic foot per second)	7Q10 discharge (cubic foot) per second)
Piedmont			
02157000 N. Tyger River near Fairmont	44.4	4.6	10
02162010 Cedar Creek near Blythewood	48.9	0.12	0.5
Upper Coastal Plain			
02130900 Black Creek near McBee	108	25	22
02173000 South Fork Edisto River near Denmark	720	171	211
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	120	132
02176500 Coosawhatchie River near Hampton	203	0.00	0.03

Figure 1 on page 3 shows a comparison of monthly and yearly mean discharges during the 1988 water year with the median of monthly and yearly mean discharges for the periods listed for two index stations in these areas. Monthly mean discharge for the Lynches River at Effingham station during the months of March through August were in the twenty-fifth percentile. Similarly, all monthly mean discharges for the Upper Three Runs near New Ellenton station were in the twenty-fifth percentile, except for November, January and September, which were in the fiftieth percentile.

Ground Water

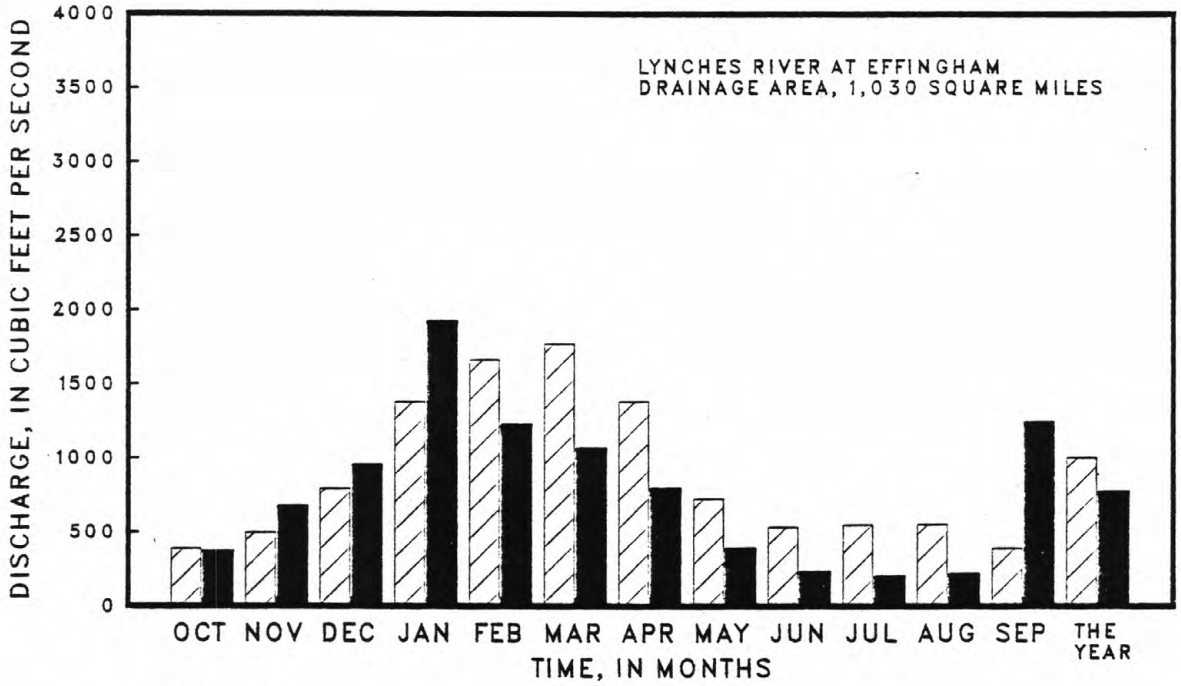
Ground-water levels, like streamflow, strongly reflect the climatic conditions. In the Piedmont, ground-water occurs in the fault and fracture systems of the crystalline rocks and in places in the shallow material overlying the hard rock. Water-levels in this area quickly reflect the amount of precipitation received. The water-level in well GRV-709 near Greenville, an unused 80-foot deep water table well, declined from 31.44 feet below land surface on October 1, 1987 to 34.96 feet below land surface on September 30, 1988.

Ground water in the Coastal Plain occurs in multiple aquifer systems, mostly under artesian or confined conditions. Ground water is used extensively in this portion of the State, and in areas of heavy withdrawal of ground water by pumping from the artesian aquifers, a reduction of the pressure head caused the water level to decline. This decline persists in areas where there is continual pumping on a year round basis. The water-level for well HO-307, a 416-foot observation well, declined from 52.52 feet below land surface to 56.82 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

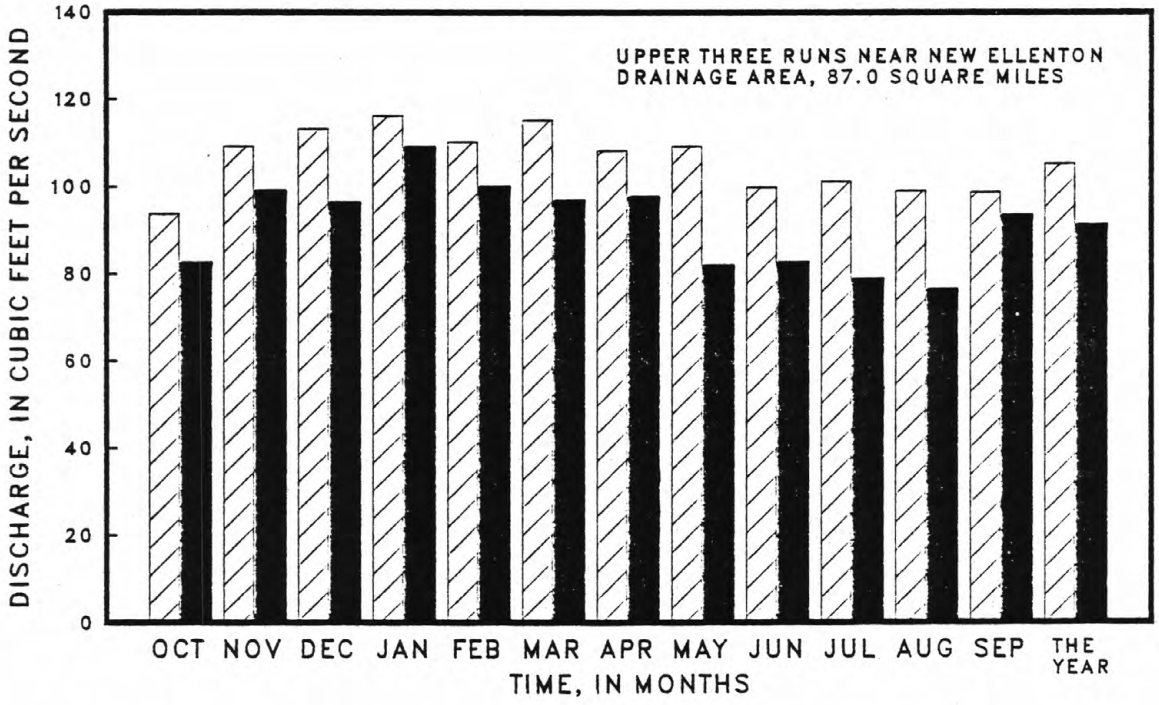
Water-quality data were collected at 61 surface-water sites during this water year. Comparison of this data with previous years showed little change in the chemical quality occurred this year.



EXPLANATION

Median of monthly and yearly mean discharges for water years 1931–87.

Monthly and yearly mean discharges during 1988 water year.



EXPLANATION

Median of monthly and yearly mean discharges for water years 1967–87.

Monthly and yearly mean discharges during 1988 water year.

Figure 1.--Comparison of discharge at two long-term representative gaging stations during 1988 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 ($\mu g/g$) is a unit expressing the concentration of a chemical element as the mass (micrograms) of the element sorbed per unit mass (gram) of sediment.

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

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

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

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

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

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

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

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

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

The classification is as follows:

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

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

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

Picocurie (PC, pCi) is one trillionth ($1x10^{-12}$) 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, 1988, is called the "1988 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in references to previously published reports.

DOWNSTREAM ORDER AND STATION NUMBERS

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary that enters between two main-stream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in a list of stations in the front of the report. Each indention represents one rank. This downstream order and system of indention show which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete 8-digit number for each station such as 02175000, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6-digit downstream order number 175000.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

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

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

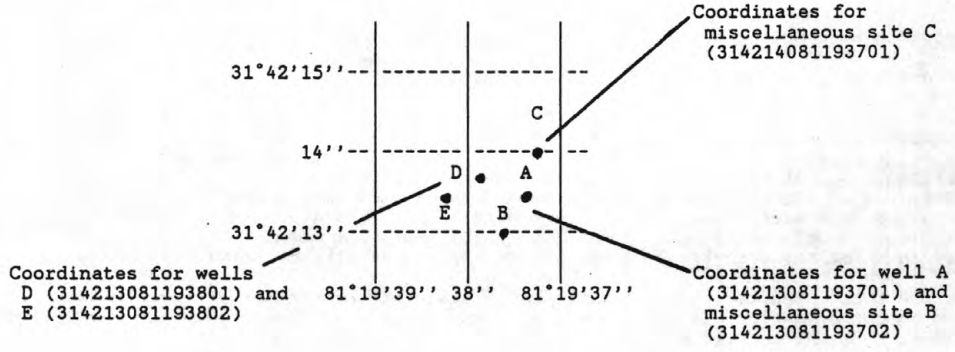


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

SPECIAL NETWORKS AND PROGRAMS

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

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

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

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The data base collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs (fig. 3). In addition, observation of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the Geological Survey. These methods are described in standard text-books, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

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

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

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

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

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

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

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

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

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

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

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

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

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

Water analysis

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

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

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

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

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

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

Sediment

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

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

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

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

The ground-water level data published in this report is from a basic network of observation wells located across the State (fig. 6). These wells penetrate and receive water from various aquifers and supply the most significant data on the regional ground-water conditions of the State.

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

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

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

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

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

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3-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-B1. Aquifer-test design, observation, and data analysis, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.

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

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

3-B5. Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction, by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.

3-B6. The principle of superposition and its application in ground-water hydraulics, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.

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

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

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

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

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

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

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

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

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

5-A1. Methods for determination of inorganic substances in water and fluvial sediments, by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.

5-A2. Determination of minor elements in water by emission spectroscopy, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.

5-A3. Methods for analysis of organic substances in water, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.

5-A4. Methods for collection and analysis of aquatic biological and microbiological samples, edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.

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

5-A6. Quality assurance practices for the chemical and biological analyses of water and fluvial sediments, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.

5-C1. Laboratory theory and methods for sediment analysis, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.

6-A1. A modular three-dimensional finite-difference ground-water flow model, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.

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

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

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

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

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

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

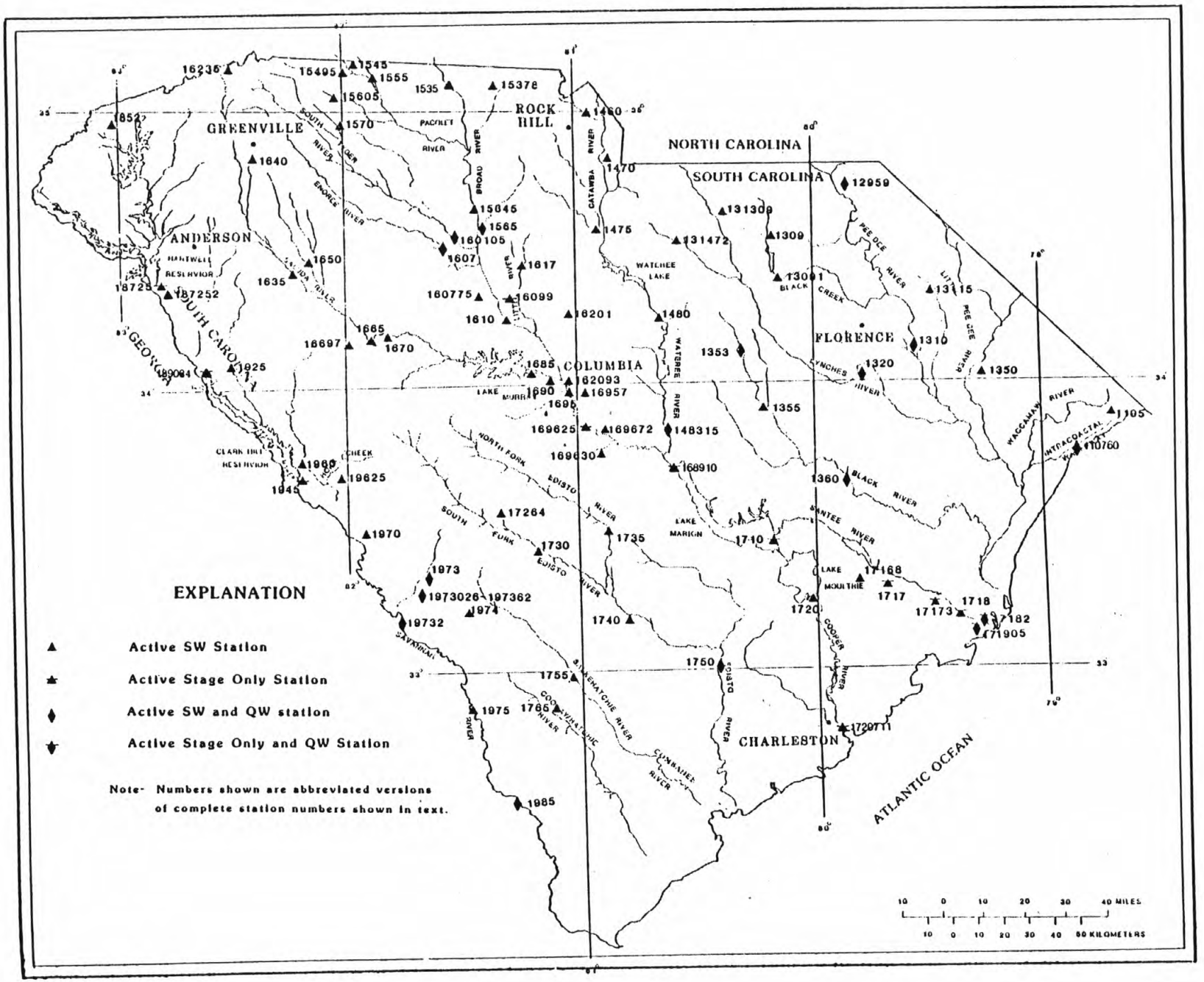


Figure 3.--Location of streamflow gaging stations, and reservoir or lake gaging stations.

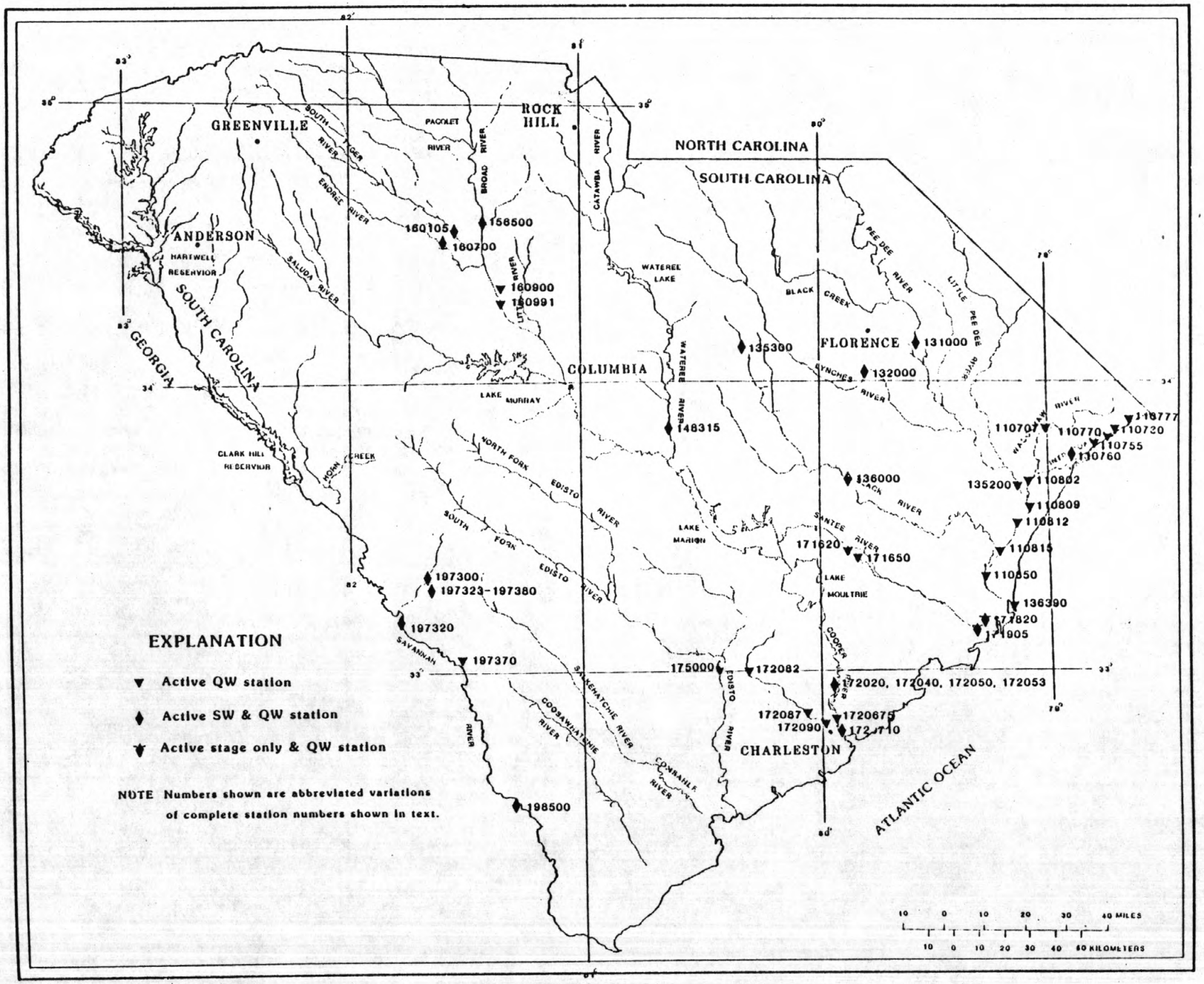


Figure 4.--Location of water-quality stations.

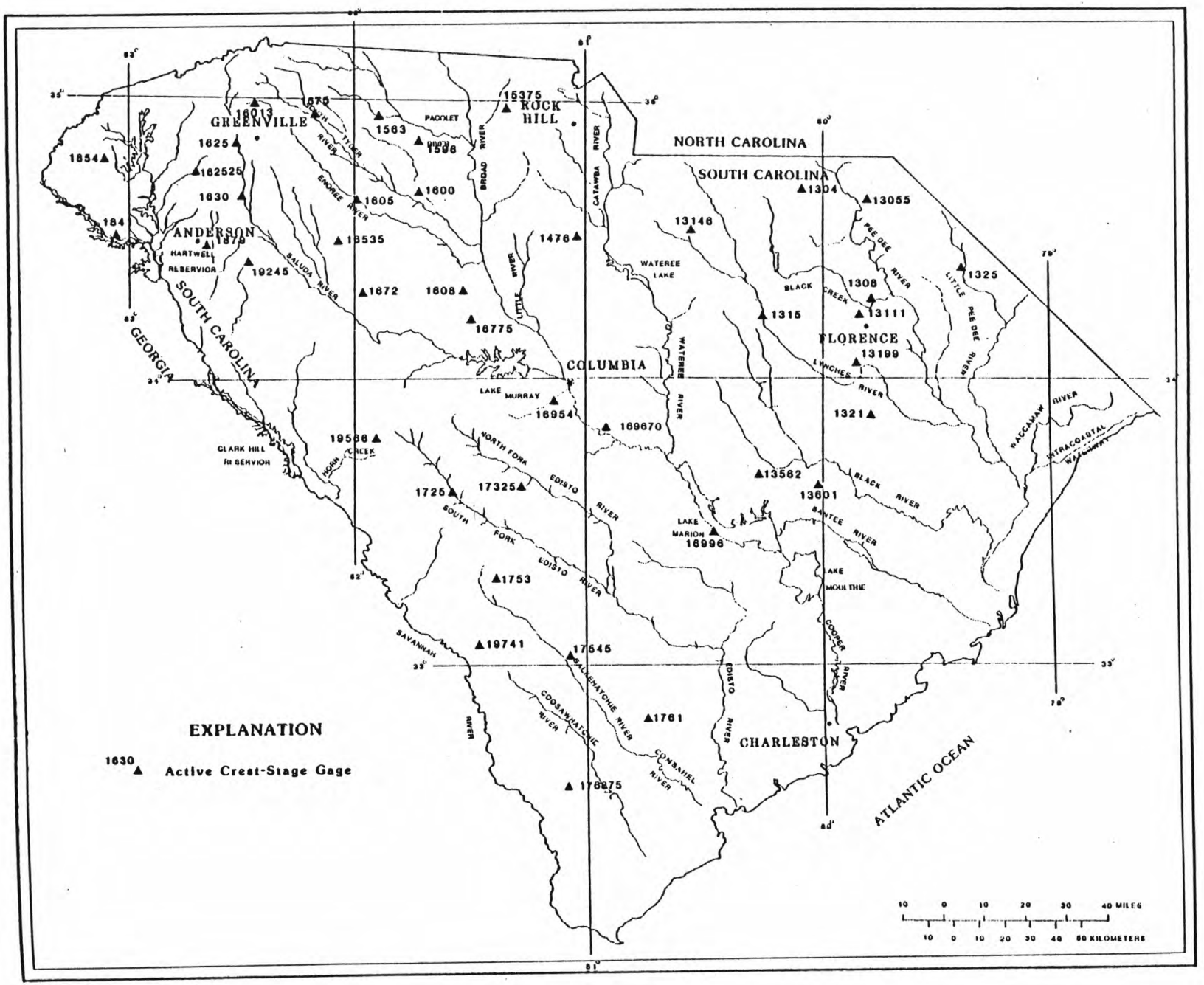


Figure 5.--Location of crest-stage stations.

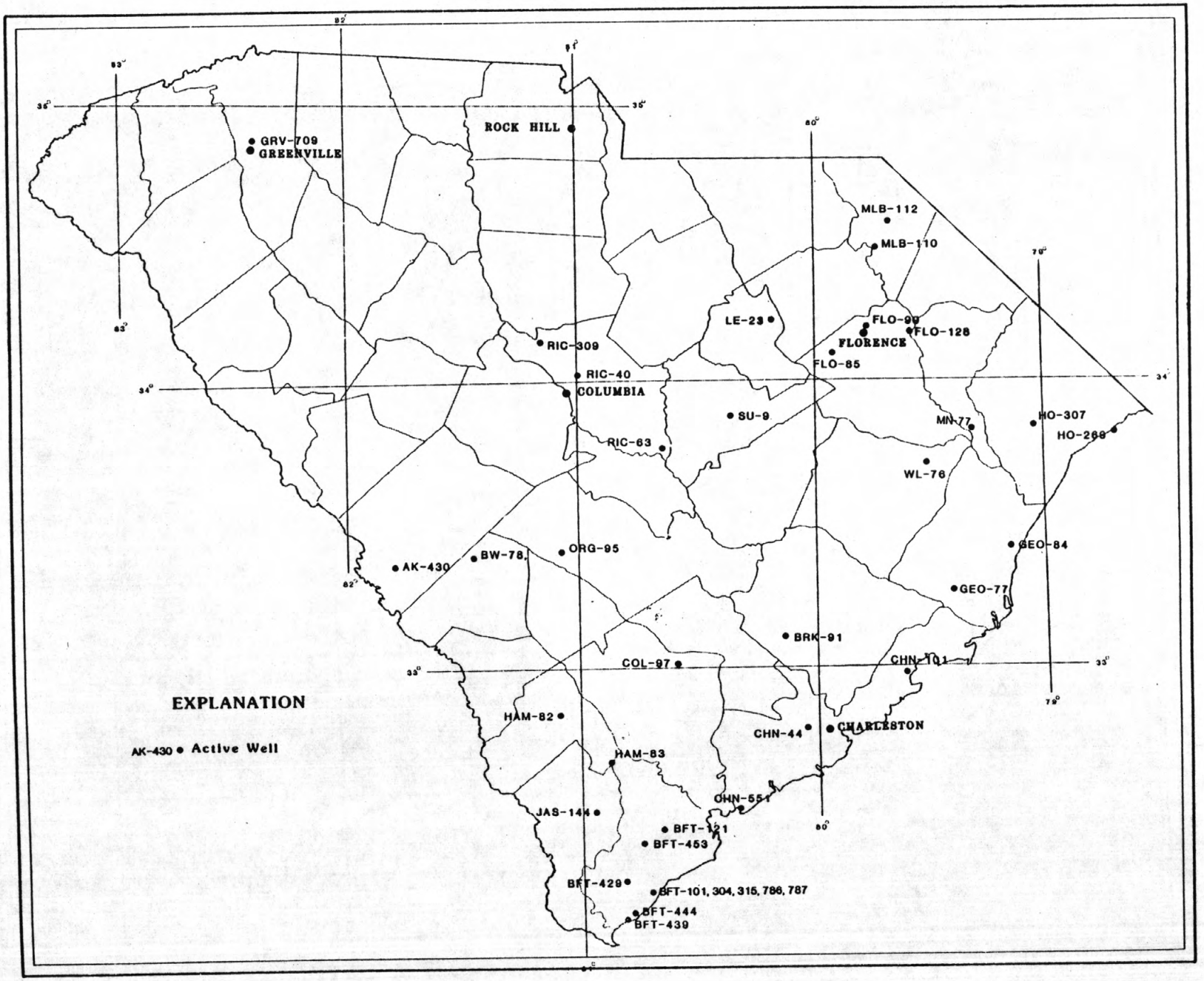


Figure 6.--Location of ground-water wells.

SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

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

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

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

GAGE.--Water-stage recorder 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.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--38 years, 1,203 ft^3/s, 14.72 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, 2,440 ft^3/s, Jan. 26, gage height, 10.12 ft; minimum, 33 ft^3/s, July 11, 12, gage height, 0.75 ft.

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	1370	63	540	371	2120	1050	887	1460	349	62	172	383
2	1260	62	524	378	2070	1020	835	1390	329	57	187	330
3	1160	60	520	467	2030	979	783	1320	306	53	187	463
4	1050	58	531	797	1980	941	734	1250	286	51	180	529
5	931	57	545	851	1930	902	684	1200	261	48	181	676
6	822	53	557	892	1830	854	629	1120	240	46	181	804
7	716	50	565	953	1730	804	586	1020	227	43	176	801
8	611	47	560	1210	1660	760	545	918	214	41	171	777
9	530	46	545	1420	1590	728	504	835	204	39	168	814
10	450	56	518	1600	1530	767	462	767	203	36	168	1050
11	381	78	486	1770	1460	830	424	718	196	34	167	1050
12	327	71	448	1940	1400	855	397	672	201	37	162	1030
13	279	69	411	2060	1340	879	655	634	231	48	161	1010
14	241	75	378	2140	1270	907	935	610	274	82	161	1000
15	209	81	359	2210	1220	941	1020	599	313	59	163	1000
16	184	86	360	2260	1170	994	1130	591	332	47	171	1010
17	163	88	350	2290	1110	1070	1250	589	325	45	184	1020
18	147	96	339	2320	1050	1140	1390	602	296	43	198	1050
19	132	99	331	2340	1020	1230	1610	596	254	44	207	1060
20	122	99	327	2360	1020	1290	1880	581	211	47	209	1020
21	111	97	321	2400	1060	1300	2010	564	177	45	202	977
22	100	95	318	2410	1070	1280	2050	547	150	42	187	939
23	91	93	320	2400	1060	1250	2030	528	127	58	170	900
24	83	91	316	2340	1050	1210	2000	507	109	68	157	861
25	76	90	311	2360	1050	1180	1950	499	101	85	151	827
26	70	87	310	2430	1060	1150	1880	479	87	79	137	791
27	71	92	309	2420	1070	1120	1790	452	77	85	124	753
28	71	208	315	2360	1080	1080	1700	435	71	101	133	706
29	65	481	342	2300	1070	1040	1620	414	65	111	194	645
30	62	556	359	2240	---	990	1540	388	63	127	230	586
31	63	---	364	2180	---	938	---	367	---	154	454	---
TOTAL	11948	3284	12779	56469	40100	31479	35910	22652	6279	1917	5693	24862
MEAN	385	109	412	1822	1383	1015	1197	731	209	61.8	184	829
MAX	1370	556	565	2430	2120	1300	2050	1460	349	154	454	1060
MIN	62	46	309	371	1020	728	397	367	63	34	124	330

CAL YR 1987 TOTAL 539510 MEAN 1478 MAX 7520 MIN 42
WTR YR 1988 TOTAL 253372 MEAN 692 MAX 2430 MIN 34

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 269026 MEAN 735 MIN 23

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 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, 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, 195 microsiemens, Aug. 17; minimum, 50 microsiemens, Oct. 13, 14.
pH: Maximum, 7.7 units, July 23; minimum, 5.2 units, Sept. 14, 15.
WATER TEMPERATURE: Maximum, 33.0°C, July 17; minimum, 2.5°C, Jan. 16, 17.
DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Jan. 18; minimum, 2.8 mg/L, Oct. 1, 2.

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	70	60	64	110	90	97	103	90	97	110	98	101
2	70	60	66	110	90	100	99	86	95	108	96	103
3	70	60	62	110	100	101	95	82	88	105	102	103
4	70	60	65	110	100	101	91	80	86	109	98	100
5	70	60	63	110	97	104	97	87	93	108	95	101
6	70	60	65	104	85	97	104	92	95	113	94	103
7	70	60	69	99	80	88	100	88	91	111	100	104
8	70	60	69	89	79	84	97	85	88	109	98	105
9	80	60	72	93	78	83	95	82	90	108	97	106
10	80	70	73	102	76	86	110	82	95	106	95	99
11	80	70	74	103	89	97	118	108	110	105	94	98
12	90	70	77	103	88	96	126	106	115	104	93	99
13	80	50	74	105	90	97	125	105	117	102	91	98
14	80	50	74	112	92	99	123	104	117	101	80	88
15	80	70	79	106	94	101	122	110	119	91	60	80
16	80	80	80	119	97	106	120	98	109	91	71	81
17	90	80	80	121	100	109	117	96	106	91	71	83
18	90	80	81	125	102	118	124	105	112	92	81	85
19	90	80	82	128	116	124	124	113	118	92	82	84
20	90	60	80	130	118	126	122	111	117	93	82	85
21	90	80	86	133	123	131	120	110	116	93	83	87
22	90	80	84	136	124	131	119	109	115	93	83	87
23	90	80	87	147	128	138	118	98	116	94	84	86
24	100	80	89	150	139	143	127	107	117	94	84	87
25	100	80	90	157	134	146	117	106	115	95	84	88
26	100	80	91	153	130	143	116	105	112	95	85	89
27	90	80	89	149	130	142	115	104	108	95	84	88
28	100	90	92	156	132	148	123	104	114	94	83	87
29	100	90	92	142	128	136	123	102	112	93	83	88
30	100	90	92	138	84	122	112	82	102	93	82	86
31	100	90	96	---	---	---	101	91	98	92	81	88
MONTH	100	50	79	157	76	113	127	80	106	113	60	92

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, 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	91	81	86	110	90	100	100	90	95	90	70	82
2	91	80	85	110	90	99	100	90	95	90	70	82
3	90	79	85	110	90	100	100	90	96	90	80	81
4	89	79	81	110	90	100	100	90	97	90	70	81
5	89	78	82	110	100	100	100	90	96	90	70	81
6	88	77	82	100	90	100	100	90	98	90	80	84
7	87	77	82	100	90	98	100	90	99	90	80	82
8	87	76	81	110	90	102	100	90	99	90	70	83
9	86	75	81	120	100	104	100	100	100	90	70	84
10	85	75	80	110	100	106	100	90	100	90	80	86
11	85	75	79	120	110	112	110	100	101	90	80	87
12	85	75	81	110	100	107	110	100	103	100	80	89
13	85	65	76	110	100	103	120	100	109	100	80	90
14	85	65	77	110	100	108	100	90	97	100	90	91
15	85	75	80	110	100	107	100	90	92	100	80	90
16	85	75	81	110	100	105	100	80	90	100	80	91
17	85	65	81	110	100	106	100	90	92	100	80	90
18	86	75	83	110	100	104	100	90	92	101	81	91
19	87	76	84	110	90	103	100	90	95	102	82	95
20	97	77	87	110	90	98	100	90	95	94	83	90
21	98	78	90	100	80	95	100	80	90	95	84	90
22	99	78	89	100	90	98	90	80	88	97	85	92
23	99	79	90	100	90	95	90	80	85	98	87	93
24	110	90	97	110	90	95	90	80	84	99	88	96
25	110	90	101	100	90	94	90	80	84	101	90	98
26	110	90	101	100	90	96	90	80	82	102	91	97
27	110	90	101	100	90	95	90	70	82	103	93	99
28	110	100	101	100	90	95	90	80	87	105	94	101
29	110	90	100	100	90	94	90	70	82	106	95	101
30	---	---	---	100	90	95	90	80	83	108	97	104
31	---	---	---	100	90	95	---	---	---	109	98	104
MONTH	110	65	86	120	80	100	120	70	93	109	70	90

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	110	99	107	135	115	125	173	152	160	---	---	---
2	110	100	107	135	115	123	162	160	161	---	---	---
3	120	100	110	135	115	126	170	149	159	---	---	---
4	120	110	112	135	115	127	169	158	162	---	---	---
5	120	110	113	135	115	126	168	147	159	---	---	---
6	120	100	110	135	115	126	167	156	158	---	---	---
7	110	100	109	135	125	129	165	154	158	90	90	90
8	120	110	113	145	125	132	164	153	156	90	90	90
9	120	100	113	155	125	140	163	152	153	90	90	90
10	130	110	118	165	135	149	162	141	155	100	80	92
11	130	110	119	---	---	---	160	139	150	90	80	87
12	120	110	118	---	---	---	149	139	148	80	70	79
13	120	100	113	---	---	---	149	138	145	90	80	83
14	120	100	113	---	---	---	157	137	144	90	80	86
15	120	110	114	---	---	---	157	137	146	90	80	88
16	120	110	115	---	---	---	166	156	162	90	90	90
17	120	110	117	---	---	---	195	165	179	100	90	91
18	130	120	121	---	---	---	185	164	173	100	90	91
19	130	120	122	---	---	---	164	133	156	100	90	90
20	130	120	121	---	---	---	163	122	143	100	80	88
21	130	120	123	---	---	---	142	111	128	90	80	85
22	130	120	126	---	---	---	131	111	121	---	---	---
23	130	120	127	---	---	---	150	130	140	---	---	---
24	140	120	131	---	---	---	---	---	---	---	---	---
25	140	120	131	---	---	---	---	---	---	---	---	---
26	150	120	135	170	140	160	---	---	---	---	---	---
27	150	130	138	169	149	159	---	---	---	---	---	---
28	150	130	139	178	147	160	---	---	---	---	---	---
29	150	130	140	167	147	160	---	---	---	---	---	---
30	150	125	134	165	145	159	---	---	---	---	---	---
31	---	---	---	164	153	159	---	---	---	---	---	---
MONTH	150	99	120	178	115	141	195	111	153	100	70	88
YEAR	195	50	103									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

YEAR MAXIMUM 7.7 MINIMUM 5.2

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.4	6.3	6.1	6.0	6.6	6.3	7.0	6.7	7.1	7.0	6.5	6.3
2	6.4	6.3	6.0	5.9	6.6	6.4	7.0	6.6	7.1	7.0	6.5	6.2
3	6.5	6.3	6.1	5.9	6.6	6.4	7.0	6.6	7.1	7.0	6.4	6.1
4	6.5	6.4	6.1	6.0	6.7	6.5	7.0	6.6	7.1	7.0	6.3	5.9
5	6.5	6.4	6.2	6.0	6.7	6.4	6.9	6.6	7.1	7.0	6.4	6.1
6	6.6	6.4	6.2	6.0	6.6	6.5	7.0	6.7	7.1	7.0	6.6	6.0
7	6.7	6.5	6.2	6.1	6.6	6.4	7.0	6.7	7.1	7.0	6.4	5.8
8	6.7	6.6	6.2	6.0	6.7	6.4	7.1	6.7	7.2	7.0	5.9	5.6
9	6.7	6.6	6.2	6.1	6.8	6.5	7.1	6.9	7.2	7.0	6.0	5.6
10	6.7	6.6	6.2	6.1	6.8	6.6	7.2	6.9	7.2	7.0	6.1	5.6
11	6.7	6.6	6.2	6.1	6.8	6.6	7.3	6.9	7.2	7.0	5.9	5.5
12	6.7	6.6	6.3	6.2	6.8	6.6	7.3	6.8	7.2	7.0	5.8	5.3
13	7.0	6.8	6.2	6.1	6.7	6.5	7.3	6.7	7.2	7.0	5.7	5.3
14	6.9	6.7	6.3	6.2	6.7	6.4	7.2	6.6	7.1	6.9	5.6	5.2
15	6.7	6.5	6.3	6.2	6.7	6.6	7.3	6.4	7.1	6.7	5.4	5.2
16	6.5	6.5	6.3	6.2	6.8	6.5	7.4	6.8	7.0	6.6	5.5	5.3
17	6.6	6.5	6.4	6.2	6.8	6.6	7.4	6.8	7.1	6.7	5.6	5.4
18	6.5	6.4	6.6	6.3	6.8	6.5	7.4	7.0	7.5	6.8	5.8	5.4
19	6.5	6.4	6.6	6.3	6.9	6.5	7.5	7.1	7.1	6.8	5.7	5.4
20	6.5	6.4	6.5	6.4	6.9	6.5	7.5	7.3	7.2	6.9	5.7	5.5
21	6.4	6.3	6.5	6.3	6.9	6.5	7.6	7.2	7.1	6.7	6.4	5.5
22	6.4	6.2	6.5	6.3	7.0	6.6	7.6	7.2	7.2	6.8	6.5	5.8
23	6.2	6.1	6.4	6.2	6.9	6.6	7.7	6.9	7.2	6.7	6.5	5.8
24	6.2	5.9	6.5	6.4	7.0	6.7	7.4	6.6	7.0	6.5	6.5	5.8
25	6.1	5.9	6.5	6.3	7.0	6.6	7.3	6.4	7.1	6.7	6.6	6.0
26	6.1	6.0	6.5	6.4	7.2	6.7	7.1	6.5	6.8	6.5	6.5	6.2
27	6.1	6.0	6.5	6.3	7.1	6.7	7.1	7.0	6.9	6.6	6.4	6.1
28	6.2	6.0	6.5	6.3	7.1	6.8	7.1	7.0	6.9	6.7	6.4	6.1
29	6.1	6.0	6.6	6.4	7.1	6.8	7.2	7.0	6.7	6.5	6.4	6.1
30	6.1	6.0	6.6	6.4	7.0	6.6	7.1	7.0	6.7	6.5	6.4	5.9
31	---	---	6.6	6.4	---	---	7.1	7.0	6.7	6.4	---	---
MONTH	7.0	5.9	6.6	5.9	7.2	6.3	7.7	6.4	7.5	6.4	6.6	5.2

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

TEMPERATURE (°C) OF WATER, 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	22.0	21.5	22.0	18.0	17.5	17.5	15.0	14.0	14.5	11.0	10.5	11.0
2	21.5	21.0	21.5	18.5	17.5	18.0	14.0	13.0	13.5	11.0	10.5	11.0
3	21.5	20.5	21.0	19.0	18.0	18.5	13.0	12.0	12.5	10.5	9.5	10.0
4	20.5	19.5	20.0	19.5	18.5	19.0	12.0	11.5	11.5	9.5	8.5	9.0
5	19.5	19.0	19.5	20.0	19.0	19.5	11.0	10.5	11.0	8.5	7.5	8.0
6	19.5	18.5	19.0	19.5	18.0	19.0	10.5	9.5	10.0	7.5	6.5	7.0
7	19.5	19.0	19.0	18.0	17.5	18.0	9.5	9.0	9.5	6.5	4.5	5.5
8	19.5	18.5	19.0	17.5	17.0	17.5	9.5	9.0	9.5	4.5	3.5	4.0
9	19.0	18.0	18.5	18.0	17.0	17.5	10.5	9.5	10.0	3.5	3.5	3.5
10	19.5	18.5	19.0	18.5	18.0	18.0	11.5	10.0	10.5	3.5	3.0	3.0
11	19.5	19.0	19.5	18.5	16.5	17.5	12.0	11.0	11.5	3.0	3.0	3.0
12	19.5	18.5	19.0	16.5	15.0	15.5	12.0	11.5	11.5	3.5	3.0	3.0
13	18.5	17.5	18.0	15.5	15.0	15.5	12.0	11.5	11.5	3.5	3.0	3.5
14	17.5	17.0	17.5	16.0	15.0	15.5	11.5	11.5	11.5	4.0	3.5	3.5
15	17.5	17.0	17.0	16.5	15.5	16.0	12.5	11.5	12.0	3.5	3.0	3.5
16	17.5	17.0	17.5	17.0	16.5	17.0	12.0	11.5	11.5	3.0	2.5	3.0
17	18.5	17.5	18.0	18.5	17.0	17.5	11.5	10.5	10.5	3.0	2.5	3.0
18	19.0	18.0	18.5	19.0	17.5	18.0	10.5	9.5	10.0	4.0	3.0	3.5
19	19.5	18.5	19.0	18.5	17.0	18.0	9.5	9.5	9.5	5.0	4.0	4.5
20	20.0	19.0	19.5	18.5	17.5	18.0	10.5	9.5	10.0	7.0	5.0	6.0
21	20.5	19.5	20.0	17.5	15.0	16.0	10.5	10.0	10.5	8.0	7.0	7.5
22	19.5	18.5	19.0	15.0	14.0	14.5	11.0	10.5	10.5	9.0	8.0	8.5
23	18.5	18.0	18.0	15.0	14.0	14.5	11.0	10.5	10.5	9.0	8.5	8.5
24	18.5	17.5	18.0	15.0	13.5	14.0	11.0	10.5	10.5	8.5	8.0	8.5
25	18.5	18.0	18.0	15.5	13.5	14.5	12.0	11.0	11.5	8.0	7.5	8.0
26	18.5	18.0	18.0	16.5	14.5	15.0	13.0	12.0	12.5	7.5	7.0	7.5
27	18.0	18.0	18.0	16.5	15.5	16.0	13.0	13.0	13.0	7.0	6.5	7.0
28	18.0	17.5	18.0	16.5	15.5	16.0	13.0	13.0	13.0	6.5	6.0	6.0
29	17.5	17.0	17.5	16.0	15.5	15.5	13.0	12.0	12.5	6.0	5.5	5.5
30	17.0	17.0	17.0	15.5	15.0	15.5	12.0	11.0	11.5	6.0	5.5	6.0
31	17.5	16.5	17.0	---	---	---	11.0	10.5	11.0	7.0	6.0	6.5
MONTH	22.0	16.5	18.5	20.0	13.5	17.0	15.0	9.0	11.5	11.0	2.5	6.0

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

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

TEMPERATURE (°C) OF WATER, 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	25.5	24.5	25.0	28.0	27.0	27.5	32.0	31.0	31.5	24.5	24.0	24.0
2	26.5	25.0	25.5	28.0	27.0	27.5	32.0	31.0	31.5	24.5	23.5	24.0
3	26.5	25.0	26.0	27.5	26.5	27.0	31.5	31.0	31.5	24.5	24.0	24.5
4	25.0	24.5	25.0	27.0	26.5	26.5	31.5	31.0	31.5	25.0	24.5	25.0
5	25.0	24.0	24.5	26.5	26.0	26.5	31.0	30.5	31.0	25.0	24.5	24.5
6	25.0	24.0	24.5	27.0	26.0	26.5	31.0	30.5	31.0	24.5	23.5	24.0
7	25.5	24.5	25.0	27.0	26.5	27.0	31.0	30.5	30.5	23.5	23.0	23.0
8	26.5	25.5	26.0	27.5	26.5	27.0	31.0	30.0	30.5	23.0	22.0	22.5
9	27.0	26.0	26.5	28.5	27.0	28.0	31.0	30.5	31.0	22.0	22.0	22.0
10	27.0	24.5	25.5	29.5	28.0	29.0	31.0	30.5	31.0	22.5	22.0	22.5
11	25.0	23.5	24.5	30.0	28.5	29.5	31.5	30.5	31.0	23.5	22.5	23.0
12	24.5	23.0	24.0	30.0	29.0	29.5	31.5	30.5	31.0	24.0	23.0	23.5
13	24.5	23.0	23.5	30.5	29.0	29.5	31.5	30.5	31.0	24.5	23.5	24.0
14	24.5	23.0	24.0	30.5	29.5	30.0	31.0	30.5	30.5	25.0	24.0	24.5
15	25.5	24.0	24.5	32.0	29.5	30.5	30.5	29.5	30.5	25.0	25.0	25.0
16	26.5	24.5	25.5	32.5	30.5	31.5	30.5	29.5	30.0	25.0	24.5	25.0
17	26.5	25.5	26.0	33.0	31.0	32.0	31.0	29.5	30.5	25.0	24.5	24.5
18	26.5	25.5	26.0	32.5	31.5	32.0	32.0	30.5	31.0	24.5	24.0	24.0
19	27.5	26.0	26.5	32.5	31.5	32.0	32.0	31.0	31.5	24.0	24.0	24.0
20	28.0	27.0	27.5	32.0	31.5	31.5	32.0	31.5	31.5	24.5	24.0	24.5
21	29.0	27.5	28.0	31.5	31.0	31.5	31.5	31.0	31.5	25.5	24.5	25.0
22	29.5	28.5	29.0	31.5	31.0	31.5	31.5	31.0	31.0	26.0	25.0	25.5
23	30.0	29.0	29.5	31.0	30.5	31.0	31.0	30.5	30.5	26.0	25.5	25.5
24	30.5	30.0	30.0	31.0	30.0	30.5	30.5	29.5	30.0	26.0	25.5	26.0
25	30.0	29.5	30.0	31.0	30.0	30.5	29.5	28.5	29.0	26.0	26.0	26.0
26	30.0	29.5	29.5	31.0	30.5	30.5	28.5	27.5	28.0	26.0	25.0	25.5
27	29.5	28.5	29.0	31.0	30.0	30.5	28.5	27.5	28.0	25.5	25.0	25.0
28	28.5	27.5	28.0	30.5	30.0	30.5	28.0	27.0	27.5	25.0	25.0	25.0
29	28.5	27.5	28.0	31.5	30.0	30.5	27.5	26.5	27.0	25.5	25.0	25.0
30	28.0	27.0	28.0	32.0	30.5	31.0	27.5	26.0	26.5	25.5	25.0	25.0
31	---	---	---	32.0	30.5	31.5	26.0	24.0	25.0	---	---	---
MONTH	30.5	23.0	26.5	33.0	26.0	29.5	32.0	24.0	30.0	26.0	22.0	24.5
YEAR	33.0	2.5	19.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	3.3	2.8	3.1	6.8	5.8	6.3	6.5	6.0	6.2	8.2	7.2	7.7
2	3.5	2.8	3.2	6.8	5.9	6.3	6.6	5.8	6.2	8.1	7.1	7.7
3	3.7	3.2	3.5	6.6	5.8	6.3	6.8	5.8	6.5	8.3	7.1	7.8
4	4.3	3.6	3.9	6.5	5.8	6.1	7.1	6.5	6.8	8.5	7.3	7.9
5	4.2	3.3	4.0	6.3	5.6	6.1	7.6	6.8	7.2	8.6	7.8	8.3
6	4.5	3.8	4.1	6.5	5.9	6.1	7.8	7.1	7.5	9.0	8.1	8.5
7	4.6	3.9	4.3	6.7	5.9	6.3	8.1	7.3	7.7	9.4	8.4	8.8
8	5.0	4.3	4.6	6.7	5.9	6.2	7.9	7.3	7.7	9.8	8.5	9.1
9	5.1	4.4	4.7	6.7	5.8	6.2	8.0	7.4	7.7	9.9	9.1	9.5
10	5.2	4.3	4.8	6.7	6.0	6.3	8.8	7.1	7.8	10.2	9.3	9.8
11	5.3	4.5	4.8	6.9	6.2	6.5	8.9	7.5	8.0	10.3	9.4	9.8
12	5.1	4.6	4.8	7.3	6.3	6.7	8.5	7.4	8.0	10.5	9.1	9.6
13	5.6	4.9	5.2	7.3	6.2	6.8	8.3	7.2	7.9	10.2	9.2	9.6
14	5.8	5.0	5.3	7.2	6.3	6.8	8.3	7.2	7.8	10.1	9.3	9.7
15	5.8	4.8	5.4	7.2	6.5	6.8	8.2	6.9	7.7	10.1	9.4	9.7
16	6.0	5.0	5.3	7.1	6.4	6.7	8.3	7.1	7.8	10.3	9.7	10.0
17	5.9	4.8	5.3	7.0	6.4	6.7	8.8	7.3	8.1	10.6	9.9	10.2
18	6.0	4.9	5.3	6.9	6.0	6.5	8.9	7.3	8.1	11.0	10.0	10.5
19	5.4	4.9	5.2	6.5	6.0	6.3	8.9	7.4	8.2	10.9	10.1	10.4
20	5.4	4.9	5.2	6.6	5.9	6.3	8.8	7.6	8.3	10.6	9.7	10.0
21	5.3	4.7	5.0	6.9	6.0	6.4	8.8	7.5	8.2	10.1	9.3	9.7
22	5.2	4.6	5.0	7.1	6.2	6.7	8.5	7.0	7.9	9.6	9.0	9.2
23	5.4	4.8	5.1	7.2	6.5	6.8	8.6	7.3	8.0	9.2	8.8	9.0
24	5.7	4.9	5.2	7.0	5.8	6.4	8.8	6.8	7.9	9.1	8.8	8.9
25	5.6	4.8	5.2	6.7	5.9	6.2	8.5	7.1	7.9	9.3	8.9	9.0
26	5.8	5.0	5.3	6.8	6.0	6.4	8.3	7.1	7.9	9.4	9.0	9.2
27	5.9	5.0	5.4	6.8	6.1	6.5	8.2	6.8	7.7	9.7	9.1	9.4
28	5.8	5.3	5.5	6.9	6.2	6.5	8.0	6.5	7.4	10.0	9.4	9.7
29	6.4	5.3	5.7	6.4	5.6	6.1	7.8	7.1	7.4	10.2	9.8	10.0
30	6.7	5.6	6.1	6.5	5.7	6.1	8.3	7.2	7.6	10.6	10.0	10.2
31	6.7	5.8	6.2	---	---	---	7.9	7.0	7.6	10.5	10.1	10.3
MONTH	6.7	2.8	4.9	7.3	5.6	6.4	8.9	5.8	7.6	11.0	7.1	9.3

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.0	4.2	4.7	5.9	4.6	5.2	4.7	4.3	4.5	5.9	4.0	4.8
2	5.0	4.0	4.6	5.3	4.5	5.0	4.6	4.3	4.4	5.6	4.0	4.4
3	5.0	4.0	4.6	5.4	4.3	4.8	4.5	4.1	4.3	6.2	4.0	4.6
4	5.4	4.3	4.9	5.7	4.5	5.0	5.1	3.4	4.3	6.5	4.3	5.0
5	5.4	4.6	4.9	5.5	4.7	5.2	5.3	3.9	4.2	---	---	---
6	4.9	4.2	4.6	5.7	4.7	5.2	4.5	3.6	4.2	4.7	4.5	4.6
7	4.8	4.1	4.5	5.8	4.8	5.3	4.9	4.6	4.7	4.9	4.7	4.8
8	5.0	4.1	4.5	5.5	4.8	5.2	4.9	4.7	4.8	4.9	4.7	4.8
9	5.1	4.2	4.6	5.6	4.3	5.3	4.9	4.3	4.7	5.3	4.7	5.1
10	5.2	4.1	4.5	5.8	4.7	5.4	5.1	4.3	4.8	5.2	5.0	5.1
11	5.2	4.3	4.7	5.4	4.1	5.0	5.2	4.5	4.9	6.4	4.5	5.0
12	5.6	4.4	4.9	5.3	4.3	4.9	5.7	4.1	5.0	5.3	3.9	4.4
13	5.7	4.8	5.2	5.1	3.4	4.8	5.2	4.4	5.0	4.5	4.2	4.3
14	5.8	4.9	5.3	5.0	4.2	4.7	5.3	4.9	5.1	7.0	3.9	4.2
15	5.6	5.0	5.4	5.2	4.1	4.6	7.7	3.1	4.8	4.7	3.2	3.5
16	5.6	4.8	5.3	5.0	4.1	4.6	4.9	4.5	4.7	4.1	3.8	4.0
17	5.4	4.7	5.1	5.3	4.1	4.7	4.9	4.5	4.7	---	---	---
18	5.5	4.6	5.1	4.8	4.3	4.6	5.1	4.6	4.8	---	---	---
19	5.7	4.5	5.1	4.7	4.2	4.5	5.3	4.6	4.9	---	---	---
20	5.2	4.7	5.0	5.0	4.2	4.4	5.3	4.8	5.0	---	---	---
21	5.2	4.6	4.9	4.8	3.9	4.3	5.4	4.9	5.1	4.1	3.5	3.8
22	5.1	4.5	4.8	5.0	3.9	4.2	5.3	4.6	5.0	3.7	3.3	3.6
23	4.8	4.3	4.6	5.2	4.0	4.5	5.2	4.5	4.9	3.6	3.2	3.5
24	5.3	4.3	4.7	5.1	4.4	4.7	5.9	4.4	5.0	3.5	3.1	3.4
25	5.3	4.3	4.8	4.7	4.0	4.4	5.9	4.0	4.7	3.6	3.0	3.3
26	5.5	4.2	4.8	4.5	3.8	4.3	5.9	4.0	4.4	3.6	3.2	3.4
27	5.1	4.5	4.8	4.6	4.0	4.4	6.9	4.0	4.9	3.6	3.2	3.4
28	5.3	4.1	4.8	5.0	4.2	4.6	5.8	4.0	4.8	3.5	3.0	3.3
29	5.4	4.2	4.8	4.8	4.2	4.6	7.0	4.0	5.0	3.4	3.0	3.3
30	5.4	4.4	4.9	4.9	4.2	4.6	5.9	4.0	4.7	3.5	3.1	3.3
31	---	---	---	4.9	4.3	4.6	6.0	4.0	4.7	---	---	---
MONTH	5.8	4.0	4.9	5.9	3.4	4.8	7.7	3.1	4.7	7.0	3.0	4.1
YEAR	11.0	2.8	6.3									

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, 32.0°C, Aug. 12, 1988; minimum, 3.0°C, Jan. 12, 13, 15-17, 1988.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 13, 14, 16-18, 1988; minimum, 2.0 mg/L, Oct. 3, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 130 microsiemens, several days in June and July; minimum, 60 microsiemens, Jan. 16-21.
pH: Maximum, 7.7 units, Aug. 29; minimum, 5.1 units, Sept. 13.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 12; minimum, 3.0°C, Jan. 12, 13, 15-17.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 13, 14, 16-18; minimum, 2.0 mg/L, Oct. 3.

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	74	61	68	90	80	89	97	78	83	100	90	96
2	99	65	73	90	80	89	107	87	96	100	90	99
3	89	70	79	90	90	90	106	95	99	100	90	97
4	105	73	80	100	90	95	95	85	89	100	90	96
5	109	78	85	100	89	95	84	74	83	100	90	95
6	89	78	83	108	97	101	84	73	79	100	90	94
7	88	77	82	107	96	101	83	72	78	100	90	95
8	86	75	83	105	94	99	82	71	75	100	80	92
9	94	74	82	103	92	96	81	70	74	90	80	84
10	83	72	80	102	90	93	100	70	84	80	70	79
11	91	71	78	99	88	90	100	90	93	80	70	79
12	81	70	78	97	77	87	100	90	93	80	70	77
13	109	68	79	86	85	85	100	90	97	80	70	74
14	108	77	83	85	75	81	100	90	96	80	70	72
15	107	67	78	85	75	82	100	90	97	80	70	71
16	86	75	78	85	75	82	100	90	98	80	60	71
17	94	74	83	85	75	83	100	90	98	80	60	71
18	94	83	84	95	85	88	110	100	101	70	60	69
19	103	82	85	95	85	91	100	100	100	70	60	69
20	92	71	82	95	85	92	100	90	96	70	60	67
21	100	78	83	95	85	95	100	90	96	71	60	69
22	96	75	85	95	85	94	100	90	97	82	71	72
23	101	82	91	95	85	92	100	90	98	84	63	73
24	102	81	91	105	85	92	100	90	99	75	74	74
25	92	70	83	95	84	91	100	90	98	86	75	76
26	100	79	90	94	83	90	100	90	99	87	77	78
27	90	76	84	92	82	90	110	100	102	89	78	79
28	90	70	88	101	81	89	110	100	101	91	79	82
29	100	90	96	90	79	83	100	90	99	91	81	82
30	100	80	94	89	69	80	110	100	101	93	73	83
31	90	80	89	---	---	---	110	90	100	94	84	85
MONTH	109	61	83	108	69	90	110	70	94	100	60	81

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, 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	95	76	85	100	90	100	100	90	92	90	70	80
2	97	77	87	100	90	99	100	90	92	90	70	80
3	99	78	89	100	90	98	100	90	92	90	70	80
4	100	89	92	100	90	97	100	90	93	80	70	80
5	100	90	93	100	90	97	100	90	94	90	70	80
6	100	90	97	100	90	97	100	90	94	90	80	80
7	100	90	95	100	90	97	100	90	94	90	80	81
8	100	90	93	100	90	97	100	90	92	90	80	82
9	100	90	91	110	90	100	100	90	95	90	80	83
10	100	90	94	110	100	100	100	90	95	90	80	81
11	100	90	95	110	100	104	100	90	98	100	80	86
12	100	90	96	110	100	101	100	90	99	90	80	83
13	100	90	96	110	90	100	110	100	102	90	80	85
14	100	90	96	110	100	102	110	100	104	90	80	84
15	100	90	96	110	100	104	110	90	100	100	80	84
16	100	90	95	110	100	105	110	90	97	90	80	84
17	100	90	96	110	100	103	110	90	96	90	80	87
18	100	90	96	110	100	105	100	80	90	90	80	86
19	100	90	97	110	100	104	90	80	88	90	80	88
20	100	90	97	110	100	103	100	80	91	100	80	91
21	110	90	100	110	100	101	90	80	88	90	80	87
22	110	90	99	110	100	102	90	80	89	90	80	89
23	100	90	97	110	90	100	90	80	89	100	90	90
24	100	90	99	100	90	98	90	80	87	100	90	90
25	110	100	101	100	90	95	90	80	83	100	90	95
26	100	100	100	100	90	95	90	80	82	110	90	97
27	110	100	101	100	90	94	90	80	83	100	90	96
28	110	90	100	100	90	92	90	70	80	100	90	94
29	110	90	100	100	90	95	100	80	82	110	90	95
30	---	---	---	100	90	95	90	70	80	100	90	94
31	---	---	---	100	90	94	---	---	---	100	90	97
MONTH	110	76	96	110	90	99	110	70	91	110	70	87

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	90	97	124	104	112	130	120	125	120	100	110
2	110	90	99	124	104	112	130	120	125	110	80	100
3	100	90	95	124	104	110	130	110	125	91	80	85
4	110	90	98	123	103	110	---	---	---	92	81	84
5	120	90	100	123	103	110	---	---	---	93	82	88
6	110	100	101	113	103	110	---	---	---	94	83	90
7	120	100	103	123	103	113	---	---	---	95	84	91
8	110	90	102	113	112	113	---	---	---	95	85	95
9	110	90	100	122	112	114	---	---	---	96	86	95
10	110	90	100	122	112	116	---	---	---	97	86	94
11	120	90	98	122	112	115	---	---	---	98	87	93
12	110	90	98	122	111	114	---	---	---	98	79	89
13	100	90	98	121	101	111	130	110	118	90	79	86
14	110	90	98	111	111	111	120	110	116	90	80	85
15	110	100	100	121	101	111	120	110	118	91	81	87
16	110	90	100	111	101	109	120	110	118	92	81	90
17	100	90	100	111	110	110	120	110	118	93	83	92
18	100	100	100	110	100	108	130	120	121	94	93	93
19	110	100	101	120	100	110	130	120	121	105	94	97
20	110	100	101	122	111	112	130	120	123	105	94	97
21	120	100	102	124	112	116	130	120	123	104	93	97
22	110	100	102	125	114	118	130	120	124	103	91	96
23	110	100	103	126	115	120	130	120	124	101	90	96
24	110	100	104	128	117	120	130	120	123	100	89	93
25	120	100	105	129	118	120	130	120	122	98	87	91
26	110	100	107	130	118	122	130	110	120	97	86	89
27	110	95	107	128	115	122	120	120	120	96	84	89
28	125	105	108	124	113	122	120	120	120	94	83	87
29	125	104	110	130	120	125	120	120	120	93	81	88
30	124	104	113	130	120	125	130	110	119	91	80	84
31	---	---	---	130	120	125	120	110	117	---	---	---
MONTH	125	90	102	130	100	115	130	110	121	120	79	92
YEAR	130	60	95									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.5	6.0	6.3	6.1	---	---	6.8	6.4	---	---	7.1	6.5
2	6.4	5.9	6.3	6.2	---	---	6.8	6.4	---	---	7.0	6.3
3	6.6	5.9	6.3	6.2	---	---	6.8	6.4	---	---	6.3	6.2
4	6.7	6.5	6.3	6.1	---	---	6.8	6.4	---	---	6.2	6.1
5	6.8	6.3	6.2	5.9	---	---	6.8	6.4	---	---	6.3	6.2
6	6.7	6.1	6.0	5.8	6.5	6.4	6.5	6.4	---	---	6.1	5.7
7	6.8	6.4	6.0	5.6	6.5	6.4	6.8	6.4	---	---	6.3	5.7
8	6.8	6.6	5.9	5.6	6.5	6.4	6.8	6.4	---	---	5.9	5.6
9	6.8	6.5	6.0	5.6	6.5	6.4	6.6	6.4	---	---	5.7	5.5
10	6.8	6.5	6.1	5.6	6.8	6.4	6.6	6.5	---	---	5.8	5.4
11	6.7	6.4	6.0	5.6	6.9	6.4	6.8	6.5	---	---	5.5	5.2
12	6.7	6.6	6.0	5.7	6.5	6.4	6.8	6.4	---	---	5.5	5.2
13	6.7	6.6	6.1	5.8	6.5	6.4	6.8	6.5	6.7	6.5	5.5	5.1
14	6.8	6.6	6.1	5.8	6.5	6.4	6.8	6.5	6.7	6.6	5.5	5.3
15	6.7	6.5	6.0	5.8	6.5	6.4	6.8	6.5	6.9	6.6	5.8	5.3
16	6.6	6.4	5.9	5.4	6.5	6.4	6.6	6.4	6.9	6.8	5.9	5.7
17	6.5	6.4	5.9	5.5	6.5	6.4	6.8	6.4	6.9	6.8	5.9	5.7
18	6.5	6.3	6.0	5.6	6.4	6.3	6.8	6.4	7.0	6.9	6.2	5.8
19	6.4	6.2	6.0	5.6	6.8	6.3	6.8	6.4	7.0	6.9	6.3	6.1
20	6.3	6.2	6.1	5.7	6.7	6.2	6.8	6.4	7.1	6.8	6.3	6.2
21	6.2	6.0	6.1	5.7	6.4	6.3	6.8	6.3	7.0	6.4	6.3	6.1
22	6.4	6.2	6.1	5.7	6.4	6.3	6.8	6.5	6.9	6.3	6.4	6.2
23	6.5	6.3	6.0	5.7	6.4	6.3	6.8	6.5	7.5	6.3	6.5	6.2
24	6.5	6.3	6.3	5.8	6.9	6.3	6.8	6.5	7.4	6.5	6.6	6.3
25	6.4	6.2	6.1	5.8	6.7	6.3	6.8	6.5	7.2	6.7	6.6	6.4
26	6.4	6.3	6.1	5.9	6.8	6.3	6.8	6.1	7.3	6.6	6.5	6.4
27	6.3	6.0	6.2	5.9	6.4	6.3	7.0	6.1	7.9	6.6	6.6	6.2
28	6.0	5.6	6.3	6.1	6.7	6.3	7.0	6.9	7.3	6.7	6.4	6.2
29	5.7	5.4	---	---	6.8	6.4	7.0	6.8	7.7	7.1	6.2	6.0
30	6.1	5.7	---	---	6.8	6.4	7.2	6.8	7.5	6.7	6.1	5.9
31	---	---	---	---	---	---	7.4	6.7	7.3	6.7	---	---
MONTH	6.8	5.4	---	---	---	---	7.4	6.1	---	---	7.1	5.1

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

TEMPERATURE (°C) OF WATER, 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	23.0	22.0	22.5	17.0	16.5	16.5	14.5	13.5	14.0	11.5	11.0	11.0
2	22.5	21.5	22.0	17.0	16.0	16.5	13.5	13.0	13.5	11.5	11.0	11.5
3	22.0	21.0	21.5	17.5	16.5	17.0	13.0	12.0	12.5	11.0	10.0	10.5
4	21.0	20.5	20.5	17.5	17.0	17.5	12.0	11.5	12.0	10.0	9.0	9.5
5	20.5	20.0	20.0	18.0	17.5	18.0	11.5	11.0	11.0	9.0	8.5	9.0
6	20.0	19.5	19.5	18.0	17.5	17.5	11.0	10.5	10.5	8.5	7.5	8.0
7	20.0	19.5	19.5	17.5	17.0	17.0	10.5	10.5	10.5	7.5	6.0	6.5
8	19.5	19.0	19.5	17.0	16.5	16.5	10.5	10.0	10.5	6.0	5.0	5.5
9	19.0	18.5	19.0	17.5	16.5	17.0	11.0	10.5	10.5	5.0	4.5	4.5
10	19.0	18.5	18.5	17.5	17.0	17.0	12.0	11.0	11.5	4.0	3.5	4.0
11	19.0	18.5	19.0	17.0	16.5	17.0	12.5	12.0	12.0	3.5	3.5	3.5
12	19.0	18.5	18.5	16.0	15.5	16.0	12.0	12.0	12.0	3.5	3.0	3.0
13	18.5	17.5	18.0	15.5	15.0	15.0	12.0	12.0	12.0	3.5	3.0	3.5
14	17.5	17.0	17.5	15.0	14.5	15.0	12.0	11.5	12.0	4.0	3.5	3.5
15	17.5	16.5	17.0	15.0	14.5	15.0	12.5	12.0	12.5	3.5	3.0	3.5
16	17.0	16.0	16.5	15.5	15.0	15.0	12.5	12.0	12.0	3.0	3.0	3.0
17	17.0	16.5	16.5	16.0	15.5	15.5	12.0	11.5	12.0	3.5	3.0	3.5
18	17.5	16.5	17.0	16.5	16.0	16.0	11.5	11.0	11.0	4.0	3.5	4.0
19	17.5	17.0	17.0	16.0	16.0	16.0	10.5	10.5	10.5	5.0	4.0	4.5
20	18.0	17.0	17.5	16.0	15.5	16.0	11.0	10.5	11.0	6.5	5.0	6.0
21	18.5	17.5	18.0	15.5	14.0	15.0	11.5	11.0	11.5	8.0	6.5	7.0
22	18.0	17.5	17.5	14.0	13.5	14.0	12.0	11.5	11.5	9.0	7.5	8.0
23	17.5	17.0	17.0	13.5	13.0	13.0	12.0	11.5	12.0	8.0	7.5	8.0
24	17.5	17.0	17.0	13.5	12.5	13.0	12.0	11.5	11.5	8.0	7.5	8.0
25	17.0	17.0	17.0	13.5	13.0	13.0	12.5	11.5	12.0	8.0	7.5	8.0
26	17.5	17.0	17.0	14.5	13.5	14.0	13.0	12.0	12.5	7.5	7.0	7.5
27	17.0	16.5	17.0	14.5	14.5	14.5	13.0	13.0	13.0	7.0	6.5	7.0
28	17.0	16.0	16.5	15.0	14.5	15.0	13.0	13.0	13.0	6.5	6.0	6.0
29	17.0	16.5	16.5	16.0	15.0	15.5	13.0	12.0	12.5	6.0	5.5	6.0
30	16.5	16.0	16.5	15.5	14.5	15.0	12.0	11.0	11.5	6.5	5.5	6.0
31	16.5	16.0	16.5	---	---	---	11.0	11.0	11.0	7.0	6.0	6.5
MONTH	23.0	16.0	18.0	18.0	12.5	15.5	14.5	10.0	12.0	11.5	3.0	6.5

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

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

TEMPERATURE (°C) OF WATER, 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	26.0	24.5	25.0	27.0	26.0	26.5	30.5	28.5	30.0	---	---	---
2	26.0	24.0	25.5	27.0	26.0	26.5	30.0	28.5	29.5	26.5	25.5	25.5
3	25.5	23.0	24.0	26.5	25.5	26.0	30.0	28.5	29.0	26.0	25.0	25.5
4	25.5	24.5	25.0	26.0	25.5	25.5	---	---	---	26.0	25.5	25.5
5	25.0	23.5	24.5	26.0	25.0	25.5	---	---	---	25.5	25.5	25.5
6	25.0	24.0	24.5	25.5	24.5	25.0	---	---	---	25.5	25.0	25.5
7	26.0	24.0	25.0	26.0	24.5	25.5	---	---	---	25.0	24.5	24.5
8	27.0	24.5	25.5	26.5	24.5	25.5	29.0	26.5	28.5	24.5	23.5	24.0
9	27.0	25.5	26.0	26.5	25.0	25.5	---	---	---	23.5	23.0	23.5
10	26.0	24.5	25.5	27.0	25.5	26.0	---	---	---	23.5	23.0	23.0
11	25.0	24.5	25.0	28.5	26.5	27.0	---	---	---	24.0	23.0	23.5
12	25.0	24.0	24.5	---	---	---	32.0	31.5	32.0	24.0	23.0	23.5
13	25.5	24.0	24.5	28.5	26.5	27.5	31.5	31.0	31.0	24.0	23.5	23.5
14	25.5	24.0	24.5	28.5	27.5	28.0	31.0	30.5	30.5	24.5	22.5	23.5
15	26.0	24.5	25.0	29.5	28.0	28.5	30.5	28.5	29.5	23.5	21.5	23.0
16	27.0	25.0	25.5	30.0	28.5	29.0	29.5	28.0	28.5	24.0	21.5	23.0
17	26.5	25.5	25.5	30.5	29.0	29.5	30.0	28.0	29.0	24.0	24.0	24.0
18	27.0	25.5	26.0	30.5	29.5	30.0	30.0	28.5	29.0	24.0	23.5	24.0
19	27.0	25.5	26.5	30.5	29.5	30.0	30.5	29.0	29.5	23.5	23.0	23.5
20	27.5	26.0	26.5	30.0	29.5	29.5	30.0	29.0	29.5	24.5	23.0	24.0
21	28.0	26.5	27.0	30.0	29.0	29.5	30.0	29.5	29.5	25.5	24.0	24.5
22	28.5	26.5	27.5	29.5	28.5	29.0	30.0	29.5	29.5	25.5	24.5	25.0
23	29.0	27.0	28.0	28.5	28.5	28.5	29.5	28.5	29.0	25.0	24.5	25.0
24	29.0	27.5	28.0	29.5	27.5	28.5	---	---	---	25.5	24.5	25.0
25	28.5	27.5	28.0	30.0	27.5	28.5	---	---	---	25.5	24.0	25.0
26	28.5	27.5	28.0	30.0	27.5	29.0	---	---	---	25.5	24.0	25.0
27	28.0	27.0	27.5	29.5	28.5	29.5	---	---	---	25.0	23.5	24.5
28	28.0	27.0	27.5	29.0	25.5	28.5	---	---	---	24.0	23.5	24.0
29	28.0	26.5	27.0	30.0	25.5	28.5	---	---	---	24.0	23.0	23.5
30	27.5	26.5	27.0	30.0	28.0	29.5	---	---	---	24.0	23.0	23.5
31	---	---	---	30.0	27.0	29.5	---	---	---	---	---	---
MONTH	29.0	23.0	26.0	30.5	24.5	28.0	32.0	26.5	29.5	26.5	21.5	24.0
YEAR	32.0	3.0	18.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	3.1	2.3	2.7	5.9	5.2	5.6	5.9	5.7	5.8	7.7	7.3	7.5
2	3.0	2.4	2.7	6.0	5.5	5.8	5.9	5.7	5.8	7.7	7.4	7.6
3	3.3	2.0	2.7	6.2	5.7	6.0	6.1	5.6	5.9	8.0	7.6	7.8
4	3.6	2.4	3.1	6.3	5.8	6.1	6.6	6.1	6.4	8.2	7.8	8.1
5	3.7	3.0	3.4	6.4	6.0	6.2	6.9	6.5	6.7	8.2	8.0	8.1
6	3.6	3.3	3.5	6.3	5.9	6.1	7.3	6.9	7.1	8.3	7.9	8.1
7	3.9	3.4	3.6	6.2	5.8	6.1	7.7	7.2	7.4	9.4	8.3	8.8
8	4.2	3.5	3.9	6.2	5.7	6.0	8.0	7.6	7.8	9.6	9.1	9.3
9	4.3	3.9	4.2	6.1	5.7	5.9	8.3	7.6	8.0	10.1	9.5	9.8
10	4.4	4.0	4.3	6.2	5.4	5.8	8.0	7.6	7.8	10.7	10.1	10.3
11	4.5	4.1	4.4	5.9	5.6	5.7	7.9	7.4	7.7	11.1	10.4	10.9
12	4.7	4.3	4.5	6.0	5.7	5.8	7.7	7.3	7.6	11.4	10.9	11.2
13	5.1	4.5	4.8	6.0	5.6	5.8	7.6	7.1	7.5	11.5	11.1	11.3
14	5.1	4.6	4.9	5.9	5.6	5.8	7.7	7.3	7.5	11.5	11.2	11.4
15	5.3	4.9	5.1	6.1	5.7	5.9	7.7	7.3	7.5	11.4	11.2	11.4
16	5.4	5.1	5.3	6.2	5.8	6.1	7.7	7.3	7.5	11.5	11.3	11.4
17	5.4	5.2	5.3	6.6	6.0	6.2	7.5	7.3	7.4	11.5	11.3	11.4
18	5.5	5.1	5.3	6.3	6.0	6.2	7.6	7.3	7.4	11.5	11.4	11.5
19	5.4	5.2	5.3	6.3	5.9	6.1	7.8	7.4	7.6	11.4	11.2	11.3
20	5.3	5.0	5.1	6.2	5.9	6.0	8.1	7.5	7.8	11.2	10.8	11.1
21	5.2	4.8	5.1	6.7	6.0	6.3	8.2	7.8	8.0	10.9	9.9	10.5
22	5.3	4.8	5.2	6.6	6.3	6.5	7.8	7.4	7.6	9.9	8.9	9.6
23	5.5	4.9	5.2	6.6	6.3	6.5	7.6	7.3	7.5	9.1	8.9	9.0
24	5.5	4.8	5.2	6.8	6.5	6.7	7.6	7.4	7.5	9.1	8.8	8.9
25	5.3	4.9	5.2	7.0	6.7	6.8	7.5	7.2	7.4	8.8	8.6	8.8
26	5.7	5.0	5.4	6.8	6.4	6.7	7.4	6.8	7.2	9.1	8.7	8.9
27	5.9	5.2	5.5	6.8	6.2	6.6	7.1	6.9	7.0	9.0	8.8	8.9
28	5.6	5.1	5.4	6.9	6.5	6.7	7.0	6.8	6.9	9.2	9.0	9.1
29	5.6	5.2	5.4	6.6	5.4	6.1	7.4	6.9	7.2	9.5	9.2	9.3
30	5.5	5.2	5.4	5.9	5.3	5.6	7.3	7.2	7.2	9.7	9.4	9.5
31	5.6	5.2	5.4	---	---	---	7.5	7.2	7.3	9.7	9.5	9.6
MONTH	5.9	2.0	4.6	7.0	5.2	6.1	8.3	5.6	7.3	11.5	7.3	9.7

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	4.3	3.8	4.1	3.8	3.3	3.6	4.9	4.2	4.4	3.4	3.0	3.3
2	4.2	3.8	4.0	4.1	3.3	3.8	4.6	3.9	4.3	3.2	2.7	3.0
3	4.5	3.7	4.1	4.1	3.5	3.9	4.6	3.7	4.1	3.1	2.5	2.7
4	4.5	3.9	4.1	4.4	3.7	4.1	4.3	3.7	4.0	3.2	2.4	2.7
5	4.4	3.9	4.2	4.6	3.9	4.2	4.4	3.7	4.0	3.1	2.5	2.8
6	4.6	4.1	4.4	4.7	4.1	4.4	4.3	3.7	4.0	2.9	2.5	2.7
7	4.6	4.0	4.4	4.8	4.2	4.5	4.2	3.5	3.9	3.5	2.7	3.0
8	4.5	3.8	4.2	4.9	4.2	4.5	4.1	3.5	3.8	3.4	3.1	3.2
9	4.6	3.9	4.1	4.8	4.1	4.5	4.1	3.4	3.7	4.5	3.1	3.9
10	4.3	3.8	4.1	5.1	4.2	4.6	4.2	3.6	3.8	4.3	3.8	4.1
11	4.2	3.6	3.9	5.1	4.1	4.6	4.1	3.0	3.7	4.2	3.6	3.9
12	4.4	3.7	4.1	4.7	3.6	4.3	4.0	3.3	3.7	4.1	3.8	3.9
13	4.5	3.9	4.2	5.0	3.8	4.4	4.1	3.2	3.7	3.9	3.2	3.7
14	4.4	3.9	4.1	4.6	3.8	4.2	4.0	3.7	3.8	3.5	2.9	3.2
15	4.4	3.9	4.1	4.5	3.6	4.1	3.8	3.3	3.6	3.1	2.8	2.9
16	4.3	3.7	4.0	4.6	3.5	4.0	3.8	3.0	3.4	3.2	2.9	3.0
17	4.1	3.7	3.9	4.7	3.3	4.1	4.1	2.8	3.4	3.2	3.0	3.1
18	4.2	3.5	3.8	4.5	3.7	4.1	4.0	3.0	3.5	3.5	2.8	3.3
19	4.3	3.6	3.9	4.5	3.8	4.1	4.2	3.2	3.6	3.8	3.2	3.6
20	4.1	3.6	3.9	4.5	3.6	4.1	4.1	3.2	3.6	3.8	3.0	3.4
21	4.0	3.6	3.7	4.6	3.7	4.1	4.1	3.3	3.7	3.1	2.7	2.9
22	3.9	3.4	3.6	4.4	3.3	4.0	4.2	3.3	3.8	3.1	2.6	2.7
23	4.0	3.2	3.5	4.3	3.4	4.0	4.1	3.3	3.7	2.8	2.5	2.6
24	3.9	3.2	3.4	4.5	3.7	4.1	4.1	3.2	3.6	2.8	2.4	2.6
25	3.8	3.2	3.5	4.6	3.9	4.2	3.8	3.3	3.5	2.9	2.6	2.7
26	4.1	3.4	3.7	4.3	3.7	4.1	3.8	2.9	3.3	2.9	2.5	2.7
27	4.0	3.6	3.7	4.6	3.7	4.1	3.7	2.8	3.3	2.9	2.5	2.7
28	4.0	3.4	3.7	4.4	3.7	4.1	3.6	2.8	3.4	3.0	2.6	2.7
29	3.9	3.4	3.7	4.5	3.7	4.1	3.9	3.2	3.5	3.2	2.6	2.9
30	3.8	3.3	3.5	4.5	3.6	4.2	3.6	3.1	3.3	3.1	2.8	2.9
31	---	---	---	4.9	4.1	4.4	3.7	2.9	3.3	---	---	---
MONTH	4.6	3.2	3.9	5.1	3.3	4.2	4.9	2.8	3.7	4.5	2.4	3.1
YEAR	11.5	2.0	5.7									

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 during the year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 44,200 microsiemens, July 1; minimum, 100 microsiemens, many days during the year.

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	12700	100	1670	15800	200	5350	7600	100	1670	8400	200	1820
2	19600	100	4730	18600	400	8280	6500	100	1370	5100	100	1490
3	10200	100	2670	19900	400	8650	10800	100	2030	10200	100	1780
4	21400	100	4970	24500	300	10900	5000	100	780	2800	100	502
5	25300	100	9760	29300	800	13200	14600	100	2370	900	100	293
6	21500	100	7660	25900	400	9670	13800	100	2420	1800	100	361
7	17900	300	6360	23900	400	8030	9300	100	1590	1600	100	399
8	23600	300	6930	17100	300	5830	8600	100	1210	1200	100	270
9	18400	100	5640	18600	300	5720	5800	100	926	1000	100	242
10	17900	100	5470	20400	300	6040	9300	100	1430	1600	100	275
11	17100	200	5100	14300	300	4440	7000	100	1410	1500	100	199
12	20500	200	6460	---	---	---	9200	100	3040	2600	100	330
13	24200	200	9290	---	---	---	9900	100	3520	2700	100	331
14	25500	700	11700	---	---	---	10000	100	3670	700	100	179
15	23100	1500	11000	---	---	---	12500	100	3320	8200	100	889
16	20400	300	8570	---	---	---	5700	100	1300	1900	100	416
17	16700	300	6820	---	---	---	11600	100	3620	6300	100	632
18	17600	200	6490	---	---	---	26600	100	7970	3100	100	548
19	19800	500	9010	14200	500	7060	24800	200	7340	9500	100	1360
20	18900	500	8940	21800	300	6280	24300	100	5590	9500	100	1060
21	22000	300	8650	16500	200	3550	23900	100	5040	6000	100	1010
22	24700	200	9760	22400	300	6630	33600	100	9230	3800	100	720
23	24600	300	9460	---	---	---	24900	100	6450	1700	100	356
24	23300	200	7810	---	---	---	19300	100	4490	1200	100	284
25	22300	200	7110	---	---	---	10400	100	2610	1000	100	236
26	28800	300	12800	---	---	---	4300	100	1240	200	100	102
27	26700	1100	13100	---	---	---	10000	100	2430	600	100	133
28	20000	200	5760	---	---	---	11100	200	3720	600	100	188
29	21100	300	8010	---	---	---	5700	100	1230	400	100	183
30	16500	300	6440	7200	100	1350	18700	100	4240	400	100	164
31	12900	200	4680	---	---	---	14200	100	3790	400	100	168
MONTH	28800	100	7510	29300	100	6940	33600	100	3260	10200	100	546

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	400	100	175	5600	200	1790	7400	100	2100	18100	200	3870
2	400	100	165	6700	200	1500	6300	200	1970	16200	200	3730
3	500	100	187	3600	200	1080	14900	200	2650	18100	200	3770
4	600	100	211	5800	100	1380	14500	200	3220	14900	200	3130
5	500	100	210	9400	200	1900	18100	200	3650	12200	100	2650
6	600	100	198	9200	200	2840	16800	200	4380	10900	100	2400
7	900	100	219	6900	200	1530	11900	200	2920	14000	200	4170
8	400	100	164	3200	200	856	18600	300	6210	27100	300	9470
9	600	100	200	5500	100	1230	27200	300	9410	19100	200	5680
10	1100	100	285	7700	200	1810	22600	300	7470	13500	200	3990
11	4500	100	669	12000	200	3010	21400	300	7870	12900	200	4180
12	4200	100	648	8300	100	1650	31700	300	14800	20900	300	6960
13	1300	100	337	5000	100	808	16000	200	3820	22700	200	7680
14	6400	100	885	6400	100	1590	21600	200	6400	29200	300	8520
15	11300	100	1830	6300	100	1520	17300	200	6100	32200	300	10100
16	2300	100	772	9300	200	1970	13300	200	2610	31700	300	11300
17	13800	100	3060	9000	200	2290	14100	200	2380	25900	300	10100
18	16000	100	3710	13700	200	3110	6300	100	1360	22600	300	6990
19	18400	200	4880	7900	100	2130	10300	100	1030	20400	300	5990
20	8800	100	2500	4400	100	924	7800	200	2070	18700	200	5070
21	4300	100	1050	12700	100	1050	10200	100	1540	17700	300	4840
22	5200	100	973	12200	200	2360	6800	200	1470	14700	200	4100
23	2000	100	462	6400	200	1060	9300	100	1880	11700	200	3600
24	2700	100	478	1300	100	383	3600	100	639	9200	200	3610
25	4600	100	755	2900	100	504	10400	200	2720	15500	200	5470
26	4100	100	1080	6800	100	1260	8400	200	2330	27200	400	11000
27	9700	100	2640	3600	100	996	6700	100	1670	19400	300	8570
28	13800	200	4240	5100	200	1450	5400	100	852	11500	200	3270
29	14700	200	3720	4000	200	1320	8200	100	1750	25800	300	7200
30	---	---	---	3900	100	1270	12000	100	2290	26600	300	8150
31	---	---	---	6400	200	1560	---	---	---	32000	300	8660
MONTH	18400	100	1270	13700	100	1550	31700	100	3650	32200	100	6070

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	34900	400	11900	44200	2880	22200	38200	2440	21100	17400	300	6290
2	42200	600	15200	43900	3090	24400	36600	2740	21000	7600	200	1820
3	42800	4900	24900	43600	2890	23700	37400	4650	23500	8000	100	1230
4	42300	4400	23300	40900	5490	24200	32800	1860	18200	6000	200	1430
5	38400	500	14800	39900	3300	22900	25100	369	10800	3900	100	800
6	23600	200	7060	38700	400	20300	22200	277	7350	9100	100	2000
7	22000	500	9710	33900	693	17000	25400	285	8730	16300	200	4030
8	29600	491	14000	30000	385	12200	25700	493	11500	8800	100	2690
9	29300	480	14500	32300	377	12500	24400	300	10100	4400	100	981
10	39000	870	16900	32900	269	13300	19300	300	5690	1700	100	461
11	36800	859	18500	35200	561	15200	22200	400	7550	1600	100	477
12	33900	449	14500	31500	453	14100	22500	400	8550	900	100	324
13	28800	338	10500	26400	445	10900	27000	700	10300	1200	100	336
14	27700	228	8240	31800	637	13200	21100	500	10400	3000	100	472
15	33200	418	10800	33000	929	15100	14900	300	6130	6200	100	1060
16	35200	808	14800	33700	1220	16500	14900	300	5700	6800	100	1120
17	32900	397	13300	31900	913	15200	17500	200	6100	3800	100	593
18	26500	287	9410	28600	405	11900	23500	300	9200	5200	100	811
19	23400	477	9770	24100	205	9840	28200	700	13900	12300	100	2590
20	23400	471	9920	21200	211	9280	28500	1200	15000	8000	100	1810
21	24500	461	10900	25400	324	12000	29900	600	14600	10400	100	1870
22	24000	251	11600	28100	937	15300	35600	2100	19200	15600	200	4100
23	26600	253	11600	32100	650	16300	33800	1700	19200	15800	200	4400
24	28900	157	12500	36900	563	17100	32800	800	16500	10800	100	3300
25	33600	861	17000	40100	2480	22100	32200	500	13200	11700	100	3250
26	31000	264	13000	41100	2790	23700	35400	500	13000	17700	200	5090
27	36500	268	11800	38800	901	20300	35800	800	15600	22400	200	6410
28	40500	972	17700	39800	809	18900	37000	3300	19500	19700	200	5110
29	39100	375	16200	40600	917	19800	26200	400	11800	14300	200	3260
30	40200	279	14300	41000	1720	21100	24700	400	9190	8900	100	1820
31	---	---	---	39400	2630	22300	25300	400	8800	---	---	---
MONTH	42800	157	13600	44200	205	17200	38200	200	12600	22400	100	2330
YEAR	44200	100	6380									

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, 10,200 microsiemens, July 25, 1988; 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, 2.4 mg/L, Sept. 11,12, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 10,200 microsiemens, July 25; minimum, 90 microsiemens, Oct. 1.
pH: Maximum, 8.9 units, July 30; minimum, 6.1 units, Sept. 13-15.
WATER TEMPERATURE: Maximum, 33.5°C, July 31; minimum, 2.0°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 19; minimum, 2.7 mg/L Aug. 26.

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	270	90	134	320	140	187	300	100	198	200	100	175
2	310	100	144	300	140	205	300	100	173	200	100	181
3	170	100	132	320	140	201	300	100	171	600	100	262
4	260	100	147	760	140	316	200	100	162	300	100	206
5	300	100	177	3000	160	695	200	100	175	200	100	175
6	200	100	157	680	140	295	200	100	167	200	100	175
7	260	100	159	620	140	262	200	100	167	200	100	156
8	380	120	196	300	140	202	200	100	169	500	100	210
9	220	120	169	300	140	191	200	100	169	300	100	167
10	260	120	172	380	140	218	300	100	187	200	100	156
11	260	120	167	340	140	196	400	100	206	300	100	206
12	320	100	200	350	160	218	200	100	177	400	100	192
13	540	120	270	460	200	261	300	100	200	300	100	183
14	520	120	238	280	190	231	200	100	187	300	100	177
15	300	140	202	300	180	226	400	100	223	200	100	169
16	300	120	165	260	180	214	400	100	212	300	100	179
17	340	120	239	360	170	220	300	100	194	200	100	162
18	280	120	237	240	160	196	500	200	262	200	100	160
19	200	100	151	270	160	201	400	100	260	200	100	165
20	260	120	164	500	100	246	400	100	250	200	100	152
21	380	120	217	300	100	190	300	100	208	200	100	146
22	480	140	289	600	100	260	800	100	356	300	100	175
23	600	140	346	400	100	229	400	200	271	400	100	185
24	400	120	199	300	100	229	300	200	215	400	100	202
25	500	140	299	500	100	271	300	100	204	500	100	212
26	2820	160	754	700	200	317	500	100	233	300	100	185
27	1620	160	680	300	200	237	200	100	181	200	100	162
28	540	120	224	300	200	219	300	100	190	200	100	150
29	500	140	244	200	100	194	400	100	212	300	100	175
30	340	140	231	300	100	192	300	100	200	300	100	190
31	360	140	252	---	---	---	300	100	200	300	100	165
MONTH	2820	90	237	3000	100	244	800	100	206	600	100	179

02110755 AIW AT BRIARCLIFFE ACRES 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	200	100	146	200	100	171	200	100	154	300	100	187
2	200	100	162	200	100	148	200	100	177	300	100	169
3	200	100	123	200	100	177	200	100	183	300	100	175
4	200	100	137	200	100	148	200	100	175	300	100	175
5	200	100	156	200	100	165	200	100	171	300	100	190
6	200	100	160	200	100	179	300	100	198	300	100	190
7	200	100	156	200	100	171	200	100	183	200	100	173
8	200	100	142	200	100	148	300	100	202	500	100	223
9	200	100	171	300	100	183	500	100	258	300	100	192
10	200	100	150	200	100	169	400	200	254	200	100	171
11	300	100	185	200	100	171	300	100	187	200	100	171
12	300	100	173	200	100	179	1600	200	529	300	100	194
13	200	100	158	200	100	158	600	200	269	400	100	208
14	200	100	162	200	100	183	300	200	206	800	200	344
15	200	100	154	200	100	171	300	100	192	1000	100	323
16	200	100	146	200	100	179	200	100	169	900	100	344
17	200	100	152	200	100	171	200	100	181	800	200	317
18	200	100	156	200	100	167	300	100	177	500	200	285
19	200	100	171	400	100	185	300	100	177	400	100	235
20	200	100	181	200	100	154	200	100	160	300	100	206
21	200	100	142	200	100	173	200	100	158	300	100	196
22	200	100	150	200	100	167	200	100	156	200	100	183
23	200	100	162	200	100	152	300	100	175	300	100	187
24	200	100	158	200	100	152	400	100	194	300	100	179
25	300	100	148	200	100	160	200	100	165	300	200	208
26	200	100	162	200	100	171	300	100	183	700	100	308
27	200	100	158	200	100	175	200	100	173	300	100	229
28	200	100	162	200	100	162	200	100	167	400	100	225
29	200	100	175	200	100	162	200	100	154	600	100	237
30	---	---	---	200	100	158	200	100	162	600	100	260
31	---	---	---	200	100	173	---	---	---	1100	200	321
MONTH	300	100	157	400	100	167	1600	100	196	1100	100	226

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2300	200	462	8400	200	1350	4600	300	1330	300	200	254
2	5700	200	750	10000	300	1600	2100	300	1000	200	100	196
3	10100	300	2490	6600	200	1620	4000	300	1240	200	100	181
4	8300	200	1970	4300	300	1460	1100	200	652	200	100	177
5	3000	200	856	3000	300	1130	500	200	331	200	100	183
6	400	200	237	1700	300	810	400	200	252	200	100	171
7	400	100	250	800	200	542	700	100	319	200	100	183
8	800	200	367	700	200	362	800	200	360	200	100	169
9	700	100	340	900	200	390	500	200	287	200	100	154
10	4200	200	821	1500	100	460	400	200	256	200	100	146
11	2000	200	679	1900	200	571	500	200	258	200	100	158
12	1200	200	469	900	200	435	500	200	262	200	100	165
13	1000	200	379	800	200	358	1100	200	333	200	100	133
14	600	100	296	1200	200	360	1100	200	408	200	100	131
15	1700	100	348	1500	200	481	300	200	246	200	100	146
16	1500	200	504	1400	200	540	300	200	223	200	100	129
17	2200	200	579	1200	200	475	300	200	240	200	100	133
18	400	200	269	500	200	298	500	200	285	200	100	133
19	300	200	252	300	200	256	1400	200	487	200	100	150
20	300	200	254	300	200	254	1200	200	485	200	100	165
21	300	200	265	400	200	258	1800	200	550	200	100	148
22	300	200	227	500	200	327	8200	200	1640	200	100	156
23	500	200	304	900	200	394	3600	200	1000	200	100	150
24	700	200	373	4400	200	896	2600	200	775	200	100	144
25	1300	200	494	10200	200	1960	1200	200	504	200	100	162
26	600	200	396	9100	200	1810	2600	200	600	200	100	160
27	2000	200	577	6500	200	1400	2800	200	702	300	100	187
28	4300	200	860	6200	200	1210	2900	200	1080	200	100	171
29	2600	300	860	6000	300	1350	1400	200	548	200	100	173
30	4200	200	700	5400	400	1310	500	200	308	200	100	167
31	---	---	---	7100	400	1530	500	200	306	---	---	---
MONTH	10100	100	588	10200	100	845	8200	100	557	300	100	163
YEAR	10200	90	315									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

YEAR MAXIMUM 8.9 MINIMUM 6.1

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

TEMPERATURE (°C) OF WATER, 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	24.5	23.5	24.0	17.0	16.0	16.5	14.5	13.5	14.0	11.5	10.5	11.0
2	24.5	23.0	23.5	17.5	16.5	17.0	13.5	13.0	13.5	11.0	10.5	11.0
3	24.0	22.5	23.5	18.0	17.0	17.0	13.0	12.5	12.5	10.5	9.5	10.0
4	23.0	22.0	22.5	18.0	17.5	17.5	12.5	11.0	12.0	9.5	8.5	9.0
5	22.5	21.5	22.0	18.5	18.0	18.0	11.0	10.5	11.0	8.5	8.0	8.0
6	22.5	21.5	22.0	18.0	17.0	17.5	10.5	9.5	10.0	7.5	7.0	7.0
7	22.5	21.5	22.0	17.0	16.0	16.5	10.0	9.5	10.0	6.5	5.5	6.0
8	22.0	21.0	21.5	17.0	16.0	16.5	10.5	9.5	10.0	6.0	4.5	5.0
9	21.5	20.0	21.0	17.0	16.0	16.5	11.0	10.0	10.5	5.0	4.5	4.5
10	21.5	20.5	21.0	17.5	17.0	17.0	12.0	11.0	11.5	4.5	4.0	4.0
11	22.0	21.0	21.5	17.0	15.0	16.5	12.5	11.5	12.0	4.5	3.5	4.0
12	21.5	20.5	21.0	15.5	14.5	15.0	12.0	11.5	12.0	4.0	3.0	3.5
13	20.0	19.5	19.5	15.0	14.0	14.5	12.0	11.0	11.5	4.5	3.0	3.5
14	19.5	18.5	19.0	15.0	14.0	14.5	11.5	11.0	11.5	4.0	3.0	3.5
15	19.5	18.5	19.0	15.0	14.0	15.0	12.5	11.5	12.0	3.0	2.5	3.0
16	19.5	18.5	19.0	15.5	14.5	15.0	12.0	11.0	11.5	3.5	2.0	3.0
17	20.0	18.5	19.0	16.5	15.0	16.0	11.0	10.0	10.5	4.0	2.5	3.5
18	20.5	19.0	19.5	16.5	16.0	16.0	10.0	9.5	10.0	4.5	3.5	4.0
19	20.5	19.5	20.0	16.5	16.0	16.0	9.5	8.5	9.0	5.0	4.5	4.5
20	21.0	20.0	20.5	16.0	15.5	15.5	10.5	9.5	10.0	6.0	4.5	5.5
21	21.0	20.5	20.5	15.0	14.0	14.5	11.0	10.5	10.5	7.0	6.0	6.5
22	20.0	19.0	19.5	14.0	13.0	13.5	11.5	11.0	11.0	7.5	7.0	7.0
23	19.5	18.5	19.0	13.5	12.5	13.0	11.0	10.5	11.0	8.0	7.0	7.5
24	19.0	18.0	18.5	13.5	12.5	13.0	11.0	10.5	11.0	8.5	7.5	8.0
25	18.5	18.0	18.0	14.5	13.0	13.5	12.0	11.0	11.5	9.5	8.0	8.5
26	18.0	17.0	17.5	15.0	14.0	14.5	13.0	12.0	12.5	8.0	7.0	7.5
27	17.5	17.0	17.0	15.0	14.5	15.0	13.0	12.5	13.0	7.5	7.0	7.0
28	17.0	16.5	17.0	15.5	15.0	15.5	12.5	12.5	12.5	7.0	6.5	7.0
29	17.0	16.0	16.5	16.0	15.5	15.5	12.5	10.5	12.0	7.0	6.0	6.5
30	16.5	15.5	16.0	15.5	14.5	15.0	11.0	10.0	10.5	7.5	6.0	7.0
31	16.5	16.0	16.5	---	---	---	10.5	10.0	10.0	8.0	6.5	7.5
MONTH	24.5	15.5	20.0	18.5	12.5	15.5	14.5	8.5	11.5	11.5	2.0	6.0

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

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

TEMPERATURE (°C) OF WATER, 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	27.5	25.5	26.5	29.5	27.5	28.5	33.0	31.5	32.0	28.0	27.0	27.5
2	28.0	26.0	27.0	29.5	27.0	28.0	33.0	31.5	32.0	28.0	26.5	27.5
3	28.0	26.5	27.0	28.0	27.0	28.0	32.5	31.5	32.5	28.5	27.0	28.0
4	27.0	25.5	26.5	28.5	27.0	27.5	33.0	31.5	32.5	28.5	28.0	28.5
5	27.0	25.0	26.0	28.0	27.0	27.5	32.5	31.5	32.0	28.0	26.5	27.5
6	26.5	25.0	26.0	28.0	26.5	27.5	33.0	31.5	32.0	26.5	25.5	26.5
7	27.5	25.5	26.5	28.0	26.5	27.5	32.5	31.5	32.0	26.0	25.0	25.5
8	28.0	26.5	27.5	28.5	27.0	28.0	32.5	31.5	32.0	25.0	24.5	24.5
9	28.5	27.0	28.0	29.5	27.5	28.5	32.5	31.5	32.0	24.5	24.0	24.5
10	27.5	25.5	27.0	30.0	28.5	29.0	32.0	31.5	31.5	25.5	24.0	24.5
11	27.0	25.5	26.0	30.5	29.0	29.5	32.5	31.0	31.5	25.5	25.0	25.0
12	27.0	25.5	26.0	29.5	29.0	29.5	33.0	31.0	32.0	25.5	24.5	25.0
13	27.5	25.5	26.5	30.5	28.5	29.5	33.0	31.5	32.0	26.0	24.5	25.0
14	28.0	25.5	27.0	30.5	29.0	29.5	32.5	31.5	32.0	26.5	25.0	25.5
15	28.5	26.0	27.5	31.5	29.5	30.5	32.0	31.0	31.5	26.0	25.5	25.5
16	29.0	26.5	28.0	32.0	30.5	31.0	32.0	30.5	31.5	25.5	25.0	25.0
17	28.5	27.5	28.0	32.5	31.0	31.5	32.0	30.5	31.5	25.0	24.5	24.5
18	28.5	27.5	28.0	32.5	31.0	32.0	32.5	30.5	31.5	24.5	24.0	24.5
19	29.5	27.5	28.5	32.5	31.0	32.0	32.5	31.0	32.0	25.0	24.0	24.5
20	30.0	28.5	29.0	32.5	31.0	32.0	32.0	31.0	31.5	25.5	24.5	25.0
21	30.5	28.5	29.5	32.0	31.0	31.5	32.0	31.0	31.5	26.5	25.0	26.0
22	30.5	29.0	30.0	31.5	30.5	31.0	32.0	30.5	31.0	27.0	25.5	26.0
23	31.0	29.5	30.5	31.0	30.0	30.5	32.0	30.5	31.0	27.0	26.0	26.5
24	31.0	30.0	30.5	31.5	29.5	30.5	31.5	30.0	31.0	27.5	26.0	27.0
25	31.0	29.5	30.0	32.0	30.0	31.0	31.0	30.0	30.5	27.0	26.5	27.0
26	30.5	29.5	30.0	32.0	31.0	31.5	31.5	30.0	30.5	26.5	26.0	26.0
27	30.0	29.0	29.5	32.5	31.0	31.5	31.0	30.0	30.5	26.0	25.0	25.5
28	30.0	28.5	29.0	32.5	31.0	31.5	30.5	29.0	29.5	26.0	25.0	25.5
29	30.0	28.0	29.0	32.5	31.0	32.0	29.5	28.5	29.0	26.0	25.0	25.5
30	29.0	28.0	28.5	33.0	31.0	32.0	29.5	29.0	29.5	26.0	25.0	25.5
31	---	---	---	33.5	31.5	32.0	29.0	28.0	28.5	---	---	---
MONTH	31.0	25.0	28.0	33.5	26.5	30.0	33.0	28.0	31.5	28.5	24.0	26.0
YEAR	33.5	2.0	20.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.1	4.3	4.7	8.0	7.5	7.8	7.2	7.0	7.1	7.6	7.2	7.4
2	5.2	4.3	4.7	8.0	7.4	7.8	7.1	6.8	6.9	7.7	6.9	7.5
3	5.0	4.2	4.6	8.0	7.4	7.7	7.3	6.6	7.0	8.3	7.4	7.9
4	5.3	4.1	4.9	8.0	7.5	7.8	7.7	7.1	7.5	8.2	7.7	8.0
5	5.3	4.8	5.1	8.1	7.6	7.8	8.0	7.6	7.8	8.3	7.9	8.1
6	5.3	4.4	5.0	8.0	7.5	7.8	8.1	7.7	7.9	8.4	8.0	8.1
7	5.4	4.8	5.1	8.0	7.6	7.9	8.2	7.7	7.9	9.1	8.2	8.6
8	5.6	5.2	5.4	8.1	7.6	7.9	8.2	7.7	7.9	9.1	8.7	8.9
9	5.8	5.1	5.4	8.0	7.5	7.7	8.2	7.3	7.8	9.2	8.5	8.8
10	5.8	5.1	5.5	8.0	7.2	7.7	8.3	7.4	7.9	9.3	8.6	9.1
11	6.0	4.9	5.6	8.0	7.5	7.7	8.0	7.3	7.8	9.8	9.0	9.5
12	6.1	5.3	5.8	8.0	7.5	7.8	8.2	7.5	8.0	10.0	9.5	9.8
13	6.7	6.1	6.4	8.0	7.7	7.8	8.2	7.6	7.9	10.2	9.7	10.0
14	6.8	6.4	6.6	8.0	7.6	7.8	8.3	7.8	8.1	10.7	10.1	10.5
15	7.1	6.6	6.8	8.0	7.3	7.8	8.3	7.9	8.1	10.9	10.5	10.7
16	7.2	6.8	7.0	8.1	7.5	7.8	8.3	7.7	8.1	11.1	10.6	10.9
17	7.1	6.4	7.0	8.0	7.6	7.8	8.2	7.6	7.9	11.2	10.6	11.0
18	7.2	6.7	7.0	7.8	7.4	7.6	8.3	7.6	8.0	11.3	10.8	11.1
19	7.2	6.8	7.0	7.8	7.2	7.5	8.6	8.0	8.4	11.4	10.5	11.0
20	7.3	6.8	7.1	7.8	7.3	7.6	8.8	8.1	8.5	10.8	10.4	10.6
21	7.4	6.4	7.1	7.9	7.2	7.5	8.8	8.1	8.5	10.5	9.8	10.3
22	7.6	7.1	7.3	7.9	7.3	7.7	8.9	8.0	8.5	10.2	9.6	9.9
23	7.6	7.0	7.4	8.1	7.6	7.8	9.4	8.0	8.6	10.0	9.3	9.6
24	7.8	7.1	7.6	8.0	7.5	7.8	8.6	7.9	8.3	9.6	8.7	9.2
25	7.7	7.4	7.6	8.1	7.5	7.8	8.6	7.6	8.2	9.3	8.5	9.0
26	7.8	7.4	7.7	8.0	7.3	7.7	8.5	7.4	8.0	9.2	8.5	8.9
27	8.1	7.6	7.9	8.1	7.3	7.8	8.7	7.7	8.3	9.1	8.5	8.9
28	8.1	7.6	7.9	8.2	7.5	7.9	8.7	7.4	8.1	9.1	8.0	8.8
29	8.2	7.7	8.0	8.0	7.4	7.7	7.9	7.3	7.6	9.2	7.7	8.7
30	8.2	7.7	8.0	7.8	7.2	7.4	7.7	7.4	7.5	9.4	8.1	9.0
31	8.0	7.4	7.8	---	---	---	7.7	7.3	7.5	9.5	8.3	9.2
MONTH	8.2	4.1	6.5	8.2	7.2	7.7	9.4	6.6	7.9	11.4	6.9	9.3

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	6.6	5.8	6.3	5.9	5.2	5.6	7.6	4.0	6.4	6.4	4.2	5.4
2	7.0	6.0	6.5	6.0	5.1	5.7	8.1	5.0	6.9	5.9	4.0	5.2
3	7.1	6.6	6.8	6.1	5.3	5.8	7.8	4.7	6.3	5.5	3.2	4.8
4	7.0	6.5	6.8	6.4	5.2	5.9	8.0	4.5	6.5	5.7	3.7	4.8
5	7.0	6.4	6.8	6.4	5.4	6.1	7.7	5.1	6.3	5.4	3.9	4.8
6	7.1	6.5	6.9	6.5	5.7	6.3	7.3	4.5	5.8	5.3	3.6	4.7
7	7.1	6.4	6.8	6.6	5.8	6.3	6.8	4.0	5.4	5.8	4.4	5.1
8	7.0	6.3	6.7	6.5	5.8	6.2	6.7	3.8	5.4	5.5	4.2	4.9
9	7.0	6.3	6.6	6.6	5.7	6.2	6.9	4.8	5.8	5.1	3.6	4.6
10	7.1	6.4	6.8	6.5	5.9	6.2	6.3	4.5	5.5	4.7	3.8	4.3
11	7.1	6.7	6.9	6.4	5.5	6.1	7.0	3.3	5.5	4.4	3.6	4.1
12	7.2	6.7	6.9	6.4	5.7	6.1	7.4	3.6	5.9	4.5	3.6	4.1
13	7.1	6.6	6.9	6.4	5.0	6.0	7.8	4.4	6.4	4.4	2.8	3.9
14	7.0	6.4	6.7	6.1	4.6	5.8	7.2	4.8	6.0	4.3	3.1	3.8
15	7.2	6.4	6.7	6.1	4.9	5.7	6.2	3.8	5.3	4.4	3.2	3.9
16	7.0	6.5	6.8	6.2	4.8	5.8	6.7	4.4	5.5	4.6	3.8	4.2
17	7.0	6.4	6.7	6.5	5.4	6.1	6.3	3.6	5.2	4.6	3.5	4.3
18	7.0	6.1	6.7	6.9	5.2	6.3	7.2	4.2	5.8	4.7	4.2	4.4
19	7.0	6.3	6.6	7.5	5.6	6.6	6.9	4.5	5.7	4.6	4.1	4.4
20	6.8	6.4	6.6	7.6	5.6	6.6	7.6	4.6	6.2	4.5	3.9	4.3
21	7.0	6.3	6.6	7.8	6.1	6.8	7.4	4.1	5.8	4.9	3.8	4.2
22	6.7	5.3	6.0	7.5	6.3	6.8	7.3	3.8	5.6	4.6	3.9	4.2
23	5.9	5.3	5.6	7.6	6.3	6.9	7.4	4.1	5.9	4.7	3.7	4.2
24	5.7	5.1	5.4	7.9	6.4	7.0	6.8	3.3	5.4	4.7	3.9	4.4
25	5.7	4.9	5.5	8.0	6.1	7.2	6.7	3.9	5.3	4.9	4.1	4.5
26	5.7	5.0	5.3	8.6	6.0	7.6	7.0	2.7	5.4	4.9	4.4	4.6
27	5.6	4.8	5.3	7.9	6.0	7.3	6.7	4.0	5.8	5.0	4.4	4.7
28	5.7	5.2	5.4	7.8	5.4	6.6	6.3	5.0	5.8	5.0	2.8	4.3
29	5.8	4.6	5.4	7.8	5.2	6.5	6.2	3.7	5.2	5.2	4.3	4.8
30	5.7	5.0	5.5	8.1	5.4	6.7	6.3	4.5	5.6	5.5	4.6	5.1
31	---	---	---	8.4	5.0	6.7	6.4	4.4	5.6	---	---	---
MONTH	7.2	4.6	6.4	8.6	4.6	6.4	8.1	2.7	5.8	6.4	2.8	4.5
YEAR	11.4	2.7	7.1									

NOTE.--Dissolved oxygen concentrations 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, -95 ft^3/s, May 4, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 1,830 ft^3/s, Jan. 26; minimum daily discharge, -51 ft^3/s, Aug. 24.

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	902	289	629	852	1670	848	666	655	476	253	498	953
2	532	237	658	738	1620	983	737	861	416	454	452	1140
3	743	397	640	932	1590	879	656	820	515	380	550	930
4	244	185	751	1250	1590	854	674	942	634	364	693	749
5	261	267	590	1280	1460	691	616	960	833	317	579	668
6	514	461	913	1210	1650	819	711	908	644	312	334	531
7	424	469	1280	1250	1580	1100	531	654	393	427	216	378
8	421	550	1400	1450	1520	970	423	690	324	316	256	889
9	558	464	1080	1430	1480	942	750	755	300	222	352	929
10	525	390	913	1450	1410	791	691	603	198	197	388	1030
11	535	346	606	1580	1380	747	490	331	438	247	260	1080
12	502	91	486	1630	1340	1100	123	295	489	471	286	1370
13	301	176	637	1730	1020	1030	727	326	565	419	304	1280
14	410	358	760	1690	971	648	201	273	510	368	598	1100
15	472	524	736	1440	805	841	694	343	371	350	412	1020
16	513	424	195	1310	832	726	1120	371	438	420	334	1420
17	508	363	292	1380	731	855	1090	672	533	462	206	1240
18	268	506	606	1280	866	791	1160	763	455	467	124	1220
19	213	218	781	1230	867	1050	1100	767	505	480	23	853
20	285	493	944	1520	1040	1190	919	768	561	282	128	914
21	249	607	890	1370	1090	940	1070	745	590	153	99	733
22	264	400	752	1550	1210	1190	941	765	585	133	134	324
23	456	604	971	1670	1160	1350	1070	698	488	155	170	595
24	545	643	1010	1650	1040	1120	970	557	493	45	-51	723
25	398	329	998	1610	1240	1110	867	330	418	71	134	584
26	362	211	776	1830	1050	1040	983	173	397	267	93	593
27	505	270	590	1640	728	735	1010	675	192	276	236	690
28	496	374	665	1730	643	808	951	810	212	298	357	834
29	269	781	780	1740	931	814	776	291	347	347	584	1010
30	409	681	464	1670	---	761	697	534	282	353	428	1020
31	451	---	669	1580	---	652	---	500	---	409	698	---
TOTAL	13535	12108	23462	44672	34514	28375	23414	18835	13602	9715	9875	26800
MEAN	437	404	757	1441	1190	915	780	608	453	313	319	893
MAX	902	781	1400	1830	1670	1350	1160	960	833	480	698	1420
MIN	213	91	195	738	643	648	123	173	192	45	-51	324

CAL YR 1987 TOTAL 502125 MEAN 1376 MAX 7050 MIN -85
WTR YR 1988 TOTAL 258907 MEAN 707 MAX 1830 MIN -51

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.
DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 21, 1988; minimum, 2.5 mg/L, Sept. 16, 18, 21, 22, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 180 microsiemens, several days in July and Aug. 22; minimum, 60 microsiemens, Jan. 21, 22, Mar. 17.
pH: Maximum, 8.0 units, Aug. 22; minimum, 5.9 units, Oct. 1, Jan. 28-31, and several days in Feb.
WATER TEMPERATURE: Maximum, 32.0°C, July 17-19, 30, 31, Aug. 1, 2, 4; minimum, 6.5°C, Jan. 29-31.
DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 21; minimum, 2.8 mg/L, Oct. 2.

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	100	80	87	120	100	106	110	100	103	---	---	---
2	100	80	88	130	100	113	109	89	100	---	---	---
3	106	80	92	130	100	116	108	97	102	---	---	---
4	105	86	94	130	100	118	127	107	112	---	---	---
5	113	80	95	140	110	122	126	105	110	---	---	---
6	100	80	87	130	110	118	115	94	104	---	---	---
7	100	80	87	130	100	114	104	93	98	---	---	---
8	110	90	94	130	100	111	103	92	96	---	---	---
9	110	90	100	120	110	114	102	91	96	---	---	---
10	120	90	107	140	105	119	101	81	94	---	---	---
11	120	70	94	115	95	108	105	92	96	---	---	---
12	110	90	100	125	95	106	126	95	102	---	---	---
13	110	90	98	125	95	110	111	98	104	---	---	---
14	110	90	99	115	95	104	115	102	109	---	---	---
15	100	80	94	115	85	98	128	105	109	---	---	---
16	110	80	96	105	85	89	120	100	115	---	---	---
17	110	80	95	120	85	103	120	110	111	---	---	---
18	110	90	102	120	99	111	120	100	112	---	---	---
19	120	80	105	119	108	112	120	100	109	---	---	---
20	110	90	96	118	108	111	110	100	105	---	---	---
21	110	90	102	117	107	112	110	100	106	90	60	84
22	120	100	108	126	106	112	110	100	107	80	60	77
23	120	100	109	125	105	112	110	100	108	---	---	---
24	120	90	104	125	105	112	110	100	105	---	---	---
25	110	90	101	124	104	115	110	100	101	---	---	---
26	130	100	111	133	103	116	110	100	102	---	---	---
27	130	100	114	153	113	121	110	100	104	---	---	---
28	120	100	107	142	122	127	110	100	106	100	100	100
29	120	100	110	132	111	120	---	---	---	110	80	97
30	120	100	110	121	101	110	---	---	---	110	90	97
31	110	100	106	---	---	---	---	---	---	100	90	95
MONTH	130	70	100	153	85	112	128	81	105	110	60	92

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT 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	100	90	92	120	100	110	120	109	112	90	80	84
2	110	90	93	120	90	109	130	110	116	90	70	81
3	110	90	97	120	100	108	120	100	112	90	70	81
4	100	90	99	120	100	110	120	100	113	90	80	82
5	110	80	99	120	110	112	120	100	110	110	80	91
6	100	80	96	120	100	111	130	110	116	90	80	89
7	100	80	97	110	100	105	130	100	116	100	80	92
8	100	80	95	110	100	104	130	120	121	100	90	94
9	100	80	96	140	100	111	140	100	125	100	80	91
10	100	90	98	140	110	126	140	100	120	111	80	89
11	110	90	99	138	108	123	130	100	114	102	81	94
12	110	90	99	137	107	117	140	110	126	113	92	103
13	110	90	101	116	95	106	140	120	132	114	93	107
14	110	90	100	124	74	103	130	100	112	125	94	105
15	110	90	101	113	92	102	110	90	103	116	95	106
16	110	100	104	131	91	103	110	90	99	117	96	107
17	120	100	107	120	60	95	100	90	96	127	97	111
18	120	100	108	109	69	98	100	80	90	118	98	108
19	120	100	109	117	97	106	100	80	92	120	99	109
20	130	110	116	106	85	97	130	90	102	120	100	110
21	120	110	116	114	84	100	130	80	94	120	79	107
22	120	110	113	103	92	97	140	90	106	109	69	83
23	120	100	109	102	81	92	140	80	94	108	68	91
24	120	100	108	110	80	94	110	80	93	108	97	102
25	110	100	108	121	91	100	100	90	93	117	97	106
26	120	100	109	112	92	100	100	80	89	126	97	111
27	120	100	109	124	84	101	110	80	94	116	106	111
28	120	100	111	115	75	101	110	80	90	115	95	106
29	120	100	110	117	96	102	90	70	82	115	95	105
30	---	---	---	137	97	104	90	70	83	124	94	107
31	---	---	---	129	98	109	---	---	---	123	94	108
MONTH	130	80	103	140	60	105	140	70	105	127	68	99

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	123	103	110	150	120	138	170	140	152	150	130	141
2	132	102	113	160	130	143	170	140	153	140	120	133
3	142	112	123	160	130	144	170	140	156	130	110	121
4	141	111	124	160	130	147	160	140	152	150	100	113
5	141	100	119	160	130	148	160	140	150	120	100	106
6	120	100	107	170	130	148	160	140	149	140	90	107
7	121	100	109	160	130	144	160	140	150	140	90	114
8	132	91	113	150	130	141	170	150	155	110	100	103
9	132	102	116	160	130	141	160	140	151	110	100	106
10	133	102	118	160	130	143	160	140	148	120	100	110
11	133	113	123	160	90	142	160	140	151	110	100	105
12	144	114	126	170	140	151	170	140	152	---	---	---
13	135	114	123	160	140	145	170	140	152	---	---	---
14	135	105	118	170	140	152	170	140	152	---	---	---
15	136	106	120	170	150	157	160	140	148	---	---	---
16	137	107	124	180	150	163	160	140	150	---	---	---
17	137	117	126	180	150	162	160	140	148	---	---	---
18	138	117	125	170	100	134	170	140	150	---	---	---
19	138	118	124	150	100	132	170	150	157	---	---	---
20	139	119	128	160	100	138	170	140	157	---	---	---
21	140	119	132	160	130	148	170	150	154	130	120	126
22	140	120	131	170	140	153	180	150	160	140	100	123
23	150	120	132	170	140	152	170	150	158	140	110	124
24	150	120	133	170	140	156	170	150	157	120	100	113
25	150	120	135	180	150	160	170	140	156	130	90	112
26	140	120	131	180	150	162	160	130	149	---	---	---
27	150	120	129	170	140	158	160	140	146	---	---	---
28	150	120	134	170	140	157	160	140	149	---	---	---
29	150	120	132	180	140	158	160	140	148	---	---	---
30	140	120	131	170	140	155	160	130	145	---	---	---
31	---	---	---	170	140	156	150	130	143	---	---	---
MONTH	150	91	124	180	90	149	180	130	152	150	90	116
YEAR	180	60	115									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.5	5.9	7.0	6.7	7.1	6.7	---	---	6.1	5.9	6.1	6.0
2	6.5	6.1	7.2	6.8	7.1	6.9	---	---	6.0	5.9	6.1	6.0
3	6.5	6.0	7.3	7.0	6.9	6.7	---	---	6.1	5.9	6.1	6.0
4	6.6	6.0	7.5	7.0	6.8	6.7	---	---	6.1	5.9	6.4	6.0
5	6.7	6.3	7.7	7.2	6.8	6.7	---	---	6.9	6.0	6.4	6.2
6	6.7	6.3	7.6	7.1	6.8	6.7	---	---	7.0	6.0	6.4	6.3
7	6.6	6.3	7.5	7.1	6.8	6.8	---	---	6.1	6.0	6.5	6.3
8	6.7	6.3	7.4	6.9	6.9	6.8	---	---	6.1	5.9	6.5	6.4
9	6.7	6.3	7.9	6.9	6.9	6.8	---	---	6.1	5.9	6.8	6.4
10	6.5	6.2	7.9	7.2	7.0	6.8	---	---	6.1	6.0	7.0	6.6
11	6.9	6.2	7.5	6.7	7.1	6.9	---	---	6.0	6.0	7.0	6.7
12	7.0	6.6	7.5	7.0	7.1	6.9	---	---	6.1	6.0	6.8	6.6
13	7.1	6.6	7.4	7.1	6.9	6.8	---	---	6.0	6.0	6.7	6.6
14	7.1	6.6	7.3	7.0	6.9	6.8	---	---	6.0	5.9	6.7	6.6
15	6.9	6.6	7.1	6.8	6.9	6.8	---	---	6.0	5.9	6.8	6.6
16	6.7	6.4	7.1	6.8	6.9	6.7	---	---	6.0	5.9	6.7	6.6
17	6.5	6.1	7.0	6.7	6.8	6.6	---	---	6.2	6.0	6.8	6.6
18	6.4	6.0	7.0	6.8	6.9	6.8	---	---	6.1	6.0	7.0	6.6
19	7.3	6.0	7.0	6.6	6.9	6.7	---	---	6.8	6.1	6.9	6.7
20	7.2	7.0	7.0	6.5	6.7	6.6	---	---	6.9	6.4	6.8	6.7
21	7.2	6.9	7.2	6.2	6.7	6.6	6.3	6.0	7.0	6.4	7.0	6.7
22	7.0	6.8	7.4	6.1	6.7	6.6	6.2	6.1	6.9	6.2	6.9	6.7
23	6.9	6.7	7.5	6.5	6.8	6.7	---	---	6.2	6.1	6.8	6.6
24	6.8	6.7	7.7	6.4	6.9	6.8	---	---	6.1	6.0	7.0	6.6
25	6.9	6.8	7.8	6.5	7.0	6.9	---	---	6.2	6.0	6.6	6.6
26	7.0	6.6	7.8	6.6	7.0	6.9	---	---	6.2	6.1	6.7	6.5
27	7.2	6.7	7.7	6.6	7.1	7.0	---	---	6.3	6.1	6.7	6.5
28	6.9	6.6	7.9	6.7	7.1	6.7	6.0	5.9	6.2	6.0	6.7	6.5
29	7.0	6.6	7.1	6.6	---	---	6.0	5.9	6.1	6.0	6.6	6.5
30	7.0	6.6	7.4	6.8	---	---	6.0	5.9	---	---	6.9	6.5
31	7.0	6.6	---	---	---	---	6.0	5.9	---	---	6.6	6.5
MONTH	7.3	5.9	7.9	6.1	---	---	---	---	7.0	5.9	7.0	6.0

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

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

TEMPERATURE (°C) OF WATER, 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	24.0	23.5	24.0	17.5	16.5	17.0	14.5	13.5	14.5	---	---	---
2	24.0	23.0	23.5	17.5	17.0	17.0	13.5	13.0	13.5	---	---	---
3	24.0	23.0	23.5	18.0	17.0	17.5	12.5	12.5	12.5	---	---	---
4	23.0	22.0	22.5	18.5	17.5	18.0	12.0	11.0	12.0	---	---	---
5	22.0	21.5	22.0	19.0	18.0	18.5	11.5	10.5	11.0	---	---	---
6	22.5	21.0	22.0	18.0	17.5	18.0	11.0	10.5	10.5	---	---	---
7	22.5	20.5	22.0	17.0	16.5	17.0	10.5	10.0	10.5	---	---	---
8	21.5	19.5	21.0	17.0	16.0	16.5	10.5	10.0	10.5	---	---	---
9	21.5	19.5	20.5	17.5	16.5	17.0	11.5	10.5	11.0	---	---	---
10	21.5	20.0	21.0	18.0	17.0	17.5	12.0	11.0	11.5	---	---	---
11	21.0	19.5	20.5	17.5	16.0	17.0	12.5	11.5	12.0	---	---	---
12	21.0	18.5	20.5	16.0	15.5	15.5	12.0	11.0	11.5	---	---	---
13	20.0	17.5	19.0	15.5	14.5	15.0	12.0	11.5	11.5	---	---	---
14	19.0	18.0	18.5	15.0	14.5	15.0	11.5	11.0	11.5	---	---	---
15	19.0	17.0	18.5	15.5	14.5	15.0	12.5	11.5	12.0	---	---	---
16	19.5	17.5	18.5	16.0	15.0	15.5	12.5	11.5	12.0	---	---	---
17	20.0	16.0	19.0	16.5	16.0	16.0	11.5	11.0	11.0	---	---	---
18	20.5	18.5	19.5	17.0	16.5	16.5	10.5	10.0	10.5	---	---	---
19	20.0	18.5	19.5	16.5	16.0	16.5	10.5	9.5	10.0	---	---	---
20	20.5	19.5	20.0	16.0	15.5	16.0	11.0	10.0	10.5	---	---	---
21	21.0	19.0	20.5	15.0	14.0	14.5	11.5	11.0	11.5	8.0	7.5	8.0
22	20.0	19.0	19.5	14.0	13.5	13.5	11.5	11.0	11.5	8.0	7.5	8.0
23	19.0	17.5	18.5	13.5	13.0	13.5	12.0	11.0	11.5	---	---	---
24	19.5	17.5	18.5	14.0	13.0	13.5	11.5	11.0	11.5	---	---	---
25	19.0	18.5	18.5	14.0	13.0	13.5	12.5	11.5	12.0	---	---	---
26	19.0	17.5	18.0	15.0	13.5	14.5	13.5	12.5	12.5	---	---	---
27	17.5	17.0	17.5	15.0	14.5	14.5	13.0	12.5	12.5	---	---	---
28	17.5	17.0	17.0	15.0	14.5	15.0	12.5	12.0	12.5	7.0	7.0	7.0
29	17.0	16.0	16.5	15.5	15.0	15.0	---	---	---	7.0	6.5	7.0
30	17.0	16.0	16.5	15.0	14.5	15.0	---	---	---	7.5	6.5	7.0
31	17.0	16.5	16.5	---	---	---	---	---	---	7.5	6.5	7.5
MONTH	24.0	16.0	20.0	19.0	13.0	16.0	14.5	9.5	11.5	8.0	6.5	7.5

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

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

TEMPERATURE (°C) OF WATER, 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	27.0	25.5	26.5	28.5	27.0	27.5	32.0	30.5	31.0	27.0	26.0	26.5
2	27.5	26.0	27.0	28.5	27.0	27.5	32.0	31.0	31.5	27.0	26.0	26.5
3	27.5	26.5	27.0	27.5	27.0	27.5	31.5	31.0	31.5	27.5	26.0	27.0
4	26.5	25.5	26.0	27.5	26.5	27.0	32.0	31.0	31.5	27.0	26.0	26.5
5	26.5	25.0	25.5	27.0	26.5	27.0	31.0	30.5	31.0	26.0	25.0	26.0
6	26.5	25.0	25.5	27.5	26.0	27.0	31.5	30.5	31.0	25.5	24.5	25.0
7	27.0	25.0	26.0	27.5	26.0	27.0	31.5	30.5	31.0	24.5	24.0	24.5
8	27.5	26.0	27.0	28.0	27.0	27.5	31.5	30.5	31.0	24.0	23.5	24.0
9	28.0	26.5	27.5	28.5	27.5	28.0	31.5	30.5	31.0	23.5	23.5	23.5
10	27.5	25.5	26.5	29.5	28.0	28.5	31.0	30.0	30.5	24.5	23.0	23.5
11	26.0	25.0	25.5	29.5	28.5	29.0	31.0	29.5	30.5	24.0	23.5	23.5
12	26.5	25.0	25.5	29.5	28.5	29.0	31.5	30.0	31.0	---	---	---
13	26.5	25.0	26.0	29.5	28.0	29.0	31.5	30.5	31.0	---	---	---
14	27.0	25.5	26.5	29.5	28.5	29.0	31.0	30.0	30.5	---	---	---
15	27.5	26.0	27.0	31.0	29.0	30.0	30.5	30.0	30.0	---	---	---
16	28.0	26.5	27.5	31.5	30.0	31.0	30.5	29.5	30.0	---	---	---
17	28.0	27.0	27.5	32.0	30.5	31.5	31.0	29.5	30.5	---	---	---
18	28.5	27.0	27.5	32.0	30.5	31.5	31.5	29.5	30.5	---	---	---
19	29.0	27.5	28.0	32.0	30.5	31.5	31.5	30.0	31.0	---	---	---
20	29.0	28.0	28.5	31.5	30.5	31.0	31.0	30.5	30.5	---	---	---
21	30.0	28.0	29.0	31.5	30.0	31.0	31.0	30.0	30.5	26.0	25.5	25.5
22	30.0	28.5	29.0	30.5	30.0	30.5	30.5	30.0	30.5	27.0	26.0	26.0
23	30.5	29.0	29.5	30.0	29.5	30.0	31.0	29.5	30.0	27.0	25.0	26.5
24	30.0	29.5	30.0	30.5	29.0	30.0	31.0	29.5	30.0	26.0	25.0	25.5
25	30.0	29.0	29.5	31.0	29.5	30.0	30.0	29.0	29.5	26.0	24.5	25.5
26	30.0	29.5	29.5	31.0	29.5	30.5	30.0	29.0	29.5	---	---	---
27	29.5	28.5	29.0	31.0	30.0	30.5	30.0	29.5	29.5	---	---	---
28	29.0	28.0	28.5	31.0	30.0	30.5	29.5	28.0	29.0	---	---	---
29	29.0	28.0	28.5	31.5	30.5	31.0	29.0	28.0	28.5	---	---	---
30	28.5	27.5	28.0	32.0	30.5	31.0	29.0	28.0	28.5	---	---	---
31	---	---	---	32.0	30.5	31.0	28.5	27.0	27.5	---	---	---
MONTH	30.5	25.0	27.5	32.0	26.0	29.5	32.0	27.0	30.5	27.5	23.0	25.5
YEAR	32.0	6.5	20.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	3.9	3.1	3.6	7.2	6.5	6.9	7.2	6.5	6.9	---	---	---
2	4.1	2.8	3.7	7.5	6.7	7.1	7.2	6.7	7.1	---	---	---
3	4.1	3.3	3.7	7.7	6.9	7.3	7.6	6.8	7.3	---	---	---
4	4.5	3.4	4.1	7.8	6.8	7.5	7.9	7.4	7.7	---	---	---
5	4.7	3.7	4.3	7.8	7.3	7.5	8.1	7.5	7.9	---	---	---
6	4.6	3.7	4.2	7.8	6.9	7.4	8.2	7.4	7.9	---	---	---
7	4.8	3.9	4.4	7.7	6.8	7.3	8.2	7.6	7.9	---	---	---
8	5.0	4.1	4.7	7.5	6.6	7.1	8.3	7.7	8.0	---	---	---
9	5.4	4.5	5.0	7.4	6.6	7.0	8.2	7.6	8.0	---	---	---
10	5.4	4.6	5.0	7.8	6.6	7.1	8.2	7.2	7.9	---	---	---
11	5.6	4.6	5.1	7.6	6.9	7.3	8.1	7.6	7.9	---	---	---
12	5.9	4.9	5.4	7.8	7.0	7.4	8.0	7.3	7.8	---	---	---
13	6.4	5.6	6.0	7.9	7.1	7.5	7.8	7.2	7.5	---	---	---
14	6.7	6.0	6.3	7.6	7.0	7.4	7.8	7.1	7.5	---	---	---
15	6.7	6.1	6.4	7.5	6.8	7.2	7.7	7.4	7.5	---	---	---
16	6.6	5.8	6.3	7.5	6.8	7.2	7.7	7.1	7.5	---	---	---
17	6.5	5.9	6.1	7.8	6.9	7.4	7.5	7.0	7.3	---	---	---
18	6.5	5.8	6.1	7.6	7.2	7.4	7.6	7.1	7.4	---	---	---
19	6.6	6.0	6.4	7.7	7.1	7.5	7.5	7.0	7.3	---	---	---
20	6.8	6.2	6.6	7.8	7.1	7.5	7.9	7.0	7.5	---	---	---
21	6.9	6.3	6.7	7.7	7.1	7.5	8.3	7.4	7.9	11.7	10.8	11.6
22	7.2	6.4	7.0	8.1	7.2	7.7	7.8	7.3	7.7	11.2	10.7	10.8
23	7.5	6.7	7.2	8.0	7.3	7.7	7.7	7.4	7.6	---	---	---
24	7.4	6.7	7.1	7.9	7.4	7.7	7.7	7.4	7.6	---	---	---
25	7.3	6.3	7.0	8.1	7.4	7.8	7.7	7.4	7.6	---	---	---
26	7.6	6.7	7.2	8.1	7.5	7.9	7.8	7.2	7.6	---	---	---
27	8.0	7.2	7.6	8.5	7.4	7.9	7.7	7.1	7.6	---	---	---
28	7.7	6.9	7.3	8.7	7.8	8.4	7.6	7.2	7.4	---	---	---
29	7.6	6.9	7.3	8.3	7.5	7.9	---	---	---	9.1	8.8	9.0
30	7.5	6.8	7.2	7.7	6.9	7.3	---	---	---	9.3	9.0	9.2
31	7.3	6.5	6.9	---	---	---	---	---	---	9.4	9.1	9.3
MONTH	8.0	2.8	5.9	8.7	6.5	7.5	8.3	6.5	7.6	11.7	8.8	10.0

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.7	5.2	5.4	5.1	4.4	4.8	6.9	4.5	5.6	5.8	5.0	5.4
2	5.9	5.4	5.7	5.1	4.5	4.8	7.1	4.4	5.5	5.2	4.4	4.9
3	6.3	5.8	6.0	5.1	4.4	4.8	6.7	4.1	5.3	4.8	4.2	4.5
4	6.5	6.0	6.3	5.1	4.5	4.9	6.2	4.1	5.0	5.3	4.0	4.7
5	6.5	5.6	6.2	5.5	4.9	5.2	5.2	4.3	4.6	5.1	4.5	4.8
6	6.2	5.3	5.8	5.5	5.0	5.3	5.2	4.1	4.6	5.1	4.2	4.7
7	5.9	5.3	5.7	5.4	4.8	5.2	5.2	4.2	4.7	5.3	4.2	4.8
8	5.9	5.3	5.7	5.3	4.6	5.0	5.2	4.3	4.7	5.3	4.7	5.0
9	6.1	5.0	5.6	5.4	4.7	5.0	5.4	4.0	4.6	5.4	4.5	4.8
10	5.9	5.2	5.6	5.4	4.6	5.0	5.0	4.0	4.5	5.0	4.9	4.9
11	5.9	5.0	5.6	5.5	4.7	5.1	5.3	4.1	4.7	4.9	4.4	4.6
12	5.6	4.9	5.3	5.4	4.7	5.1	5.7	4.2	4.9	---	---	---
13	5.4	4.8	5.1	5.4	4.7	5.1	6.1	4.1	5.2	---	---	---
14	5.1	4.7	4.9	5.2	4.4	4.9	6.3	4.8	5.4	---	---	---
15	5.3	4.7	5.0	5.2	4.3	4.8	5.5	4.0	4.8	---	---	---
16	5.5	4.8	5.1	5.2	3.6	4.7	5.2	4.3	4.7	---	---	---
17	5.6	5.0	5.3	5.3	4.3	4.9	5.6	3.5	4.8	---	---	---
18	5.6	4.9	5.3	5.5	4.7	5.1	6.1	4.5	5.2	---	---	---
19	5.4	4.7	5.1	5.5	4.6	5.1	6.9	5.1	5.7	---	---	---
20	5.3	4.7	5.0	5.4	4.7	5.1	7.1	5.4	6.0	---	---	---
21	5.5	4.6	5.0	5.7	4.7	5.2	6.7	5.1	5.9	4.1	3.8	4.0
22	5.5	4.7	5.1	5.8	5.0	5.4	7.4	5.2	6.0	4.3	3.7	4.0
23	5.2	4.6	5.0	5.8	4.9	5.4	7.0	5.2	5.9	4.3	3.8	4.1
24	5.1	4.5	4.8	6.0	4.9	5.4	6.4	4.9	5.6	4.8	4.1	4.4
25	5.1	4.5	4.9	6.2	4.8	5.4	5.9	4.7	5.3	4.7	4.1	4.3
26	5.0	4.2	4.7	6.1	4.3	5.3	6.3	4.4	5.3	---	---	---
27	4.8	4.4	4.6	6.2	4.1	5.1	6.1	4.6	5.5	---	---	---
28	5.0	4.4	4.7	6.2	4.2	5.2	6.3	4.8	5.6	---	---	---
29	5.1	4.2	4.7	6.0	4.3	5.2	6.6	5.2	5.7	---	---	---
30	5.0	4.4	4.7	6.1	4.1	5.2	6.1	4.9	5.5	---	---	---
31	---	---	---	6.6	4.3	5.5	6.0	5.1	5.5	---	---	---
MONTH	6.5	4.2	5.3	6.6	3.6	5.1	7.4	3.5	5.2	5.8	3.7	4.6
YEAR	11.7	2.8	6.5									

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 greater than 10,000 microsiemens are not recordable during the period Oct. 1 to Nov.19, therefore, most mean values for those days that exceed 10,000 microsiemens were deleted.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 28,900 microsiemens, July 2, 1988; minimum, 70 microsiemens, several days in September 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 28,900 microsiemens, July 2; minimum 90, Oct. 1, 2.

SPECIFIC CONDUCTANCE (MICROSCIEMENS/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	850	90	189	4730	130	769	400	100	210	600	200	305
2	3300	90	464	7240	140	1610	300	100	192	400	100	236
3	520	100	161	7800	150	1330	1000	100	246	700	100	226
4	3960	100	634	>10000	150	---	400	100	211	300	100	167
5	7890	110	1560	>10000	170	---	900	100	228	300	100	192
6	4220	110	853	>10000	160	---	1500	100	274	300	100	214
7	2970	110	497	>10000	150	---	700	100	222	300	100	202
8	5240	110	803	6360	150	928	598	100	266	---	---	---
9	5400	120	776	6470	140	987	486	182	308	---	---	---
10	5250	120	773	7920	140	1180	573	174	296	---	---	---
11	4620	120	695	2920	140	433	660	155	272	---	---	---
12	7050	130	1050	9300	150	1450	547	142	266	200	100	119
13	>10000	130	---	>10000	170	---	535	130	229	200	100	119
14	>10000	140	---	5460	170	930	527	125	262	200	100	122
15	>10000	140	---	1240	160	325	1210	205	339	300	100	123
16	7890	130	1460	1750	160	429	302	100	230	200	100	117
17	4610	120	732	4320	150	622	1000	100	353	200	100	125
18	6340	110	835	610	140	221	7500	100	1240	200	100	125
19	7360	120	1490	3820	140	820	7500	100	1200	400	100	151
20	6890	130	1500	8800	200	1420	5700	200	1000	300	100	118
21	>10000	130	---	2700	100	416	3500	300	742	300	100	112
22	>10000	130	---	5600	100	1070	7600	200	1430	200	100	111
23	>10000	140	---	7800	100	1230	5400	200	885	200	100	111
24	7990	130	1310	4500	100	753	3300	200	593	200	100	103
25	6860	130	1100	5800	200	1030	1000	300	386	207	100	107
26	>10000	140	---	9800	200	1850	500	300	332	247	117	142
27	>10000	140	---	8400	200	1570	900	200	362	273	151	171
28	7770	140	1190	3200	200	773	1300	100	374	300	185	202
29	9930	150	1570	600	200	288	300	100	187	300	100	205
30	6150	140	877	400	200	250	1400	100	337	300	100	204
31	2950	140	488	---	---	---	1900	100	410	300	100	201
MONTH	>10000	90	913	>10000	100	907	7600	100	448	700	100	160

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

SPECIFIC CONDUCTANCE (MICROSCIEMENS/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	300	100	209	400	100	250	700	100	226	2800	100	494
2	300	200	208	400	100	257	600	100	210	2000	100	387
3	300	100	199	400	100	208	1600	100	261	2800	100	410
4	300	100	194	300	100	182	2900	100	358	2300	100	366
5	200	100	117	900	100	208	3200	100	370	1800	100	345
6	300	100	142	700	100	218	3600	100	579	1500	200	337
7	300	100	159	500	100	189	1500	100	262	2200	100	441
8	200	100	157	300	100	164	3900	100	525	8400	200	1520
9	300	100	203	400	100	182	12700	200	2140	5300	100	699
10	400	100	198	400	100	188	13800	100	6660	1100	200	326
11	300	100	197	1600	100	296	14200	200	5220	2200	100	463
12	300	100	167	300	100	184	13800	200	3340	5400	100	981
13	300	100	156	300	100	186	900	200	330	6800	200	1150
14	400	100	187	400	100	172	3700	100	656	9100	200	1560
15	1100	100	309	500	100	137	1800	100	412	12000	100	1960
16	300	100	230	800	100	172	1000	100	281	12400	100	2040
17	1500	100	356	500	100	219	1000	100	273	10400	200	1660
18	1900	100	406	1200	100	267	600	100	218	9500	100	1090
19	2600	200	509	500	100	173	400	100	205	6100	200	816
20	900	200	281	300	100	157	800	100	245	4700	200	683
21	300	100	229	700	100	182	600	100	227	3400	200	556
22	400	100	241	1700	100	302	300	100	199	1700	200	385
23	500	100	253	400	100	172	500	100	218	900	200	301
24	400	100	256	300	100	162	300	100	182	600	200	275
25	300	100	184	300	100	156	300	100	214	2400	200	507
26	400	100	214	300	100	163	300	100	220	11500	200	2250
27	600	100	261	300	100	208	300	100	216	4200	200	868
28	1700	100	366	400	100	181	300	100	209	1600	200	376
29	1100	100	298	400	100	219	500	100	236	7800	100	1290
30	---	---	---	500	100	219	1600	100	346	8600	100	1370
31	---	---	---	400	100	183	---	---	---	11100	100	1620
MONTH	2600	100	237	1700	100	199	14200	100	835	12400	100	888

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	16300	100	2480	28500	200	7220	23500	200	6250	3000	100	570
2	24000	100	3720	28900	300	8430	19700	200	6040	300	100	148
3	25800	300	9040	28000	300	8220	22200	300	7440	300	100	135
4	27700	300	8100	25400	500	8350	15300	200	4530	200	100	129
5	23300	100	4620	24200	400	7770	8620	100	1440	200	100	123
6	7500	100	905	20300	300	5900	6100	100	940	500	100	157
7	8500	100	1640	15500	100	3790	8100	100	1420	2700	100	384
8	13400	100	3130	12200	100	2140	10500	100	1970	300	100	133
9	14200	100	3320	13500	100	2420	10600	100	1620	200	100	108
10	20800	200	4970	15500	100	2990	5600	200	876	200	100	103
11	18800	200	4120	17500	100	3560	7400	100	1220	200	100	103
12	13100	4000	10900	13800	100	2700	9250	100	1480	200	100	102
13	13000	100	8740	11000	100	1770	14200	100	2060	200	100	101
14	9600	100	1300	15400	100	2500	13700	100	1740	200	100	101
15	15100	100	2000	17000	100	3130	3500	100	492	200	100	106
16	18200	100	3320	16900	100	3640	1800	100	470	100	100	100
17	18600	100	2900	17200	100	3200	3500	100	563	100	100	100
18	11400	100	1490	12300	100	1950	9400	100	1540	200	100	102
19	8900	100	1460	8300	100	1350	16600	100	3620	900	100	153
20	7300	100	1400	5400	100	906	18400	100	4600	300	100	112
21	8000	100	1750	10800	100	1960	18800	100	4320	1000	100	170
22	9200	100	1800	13600	100	3210	26000	200	7470	2700	100	397
23	10700	100	1980	15200	100	3460	22900	100	6760	2300	100	323
24	12800	100	2400	19200	100	4440	20300	100	5230	800	100	185
25	17900	100	4290	25300	100	7400	15600	100	3040	900	100	204
26	12900	100	2400	25100	200	7820	18600	100	3380	2600	100	453
27	15200	100	2820	22800	100	5880	21300	100	4470	5000	100	683
28	22700	100	5050	23000	100	5550	23900	200	6880	3700	100	480
29	18900	100	3940	23400	100	5690	19300	100	2460	1200	100	221
30	20800	100	3230	25100	200	6320	9500	100	1730	500	100	142
31	---	---	---	24900	200	6910	9100	100	1630	---	---	---
MONTH	27700	100	3640	28900	100	4530	26000	100	3150	5000	100	211
YEAR	28900	90	1380									

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.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 52,500 microsiemens, Aug. 8, 1987; minimum, less than 100 microsiemens, many days in 1987.
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, 49,300 microsiemens, July 30; minimum, 100 microsiemens, many days.
pH: Maximum, 8.5 units, Nov. 3; minimum, 5.0 units, Nov. 22.
WATER TEMPERATURE: Maximum, 32.0°C, several days in July and Aug.; minimum, 2.5°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan. 28, minimum, 2.8 mg/L, July 28, Aug. 22.

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	16500	100	3400	24200	700	10300	9800	300	3200	12400	100	2700
2	21800	300	7100	29500	1800	15000	7800	300	2600	6300	100	2400
3	13300	100	4400	32900	2000	15900	19300	200	3900	12300	100	3100
4	26000	100	7800	36900	1300	19200	7500	200	1600	7300	100	1100
5	33100	200	13900	43800	5200	22400	22300	200	4700	3900	100	700
6	27200	700	12500	37800	1300	16900	21900	300	4500	5500	100	1000
7	22200	500	9300	34500	700	14500	14100	200	3200	6000	100	1200
8	28700	600	11000	26400	600	10400	11700	200	2400	2600	100	600
9	26800	500	10600	24400	600	10300	8700	200	2000	2800	100	500
10	27000	400	9900	30900	700	11200	12400	200	2800	3300	100	800
11	25100	500	9400	21300	500	7800	12000	200	2900	2700	100	500
12	27700	800	11600	28600	800	11300	10000	300	4400	4900	100	900
13	31700	1600	16200	28200	5100	17800	13500	300	5400	3600	100	600
14	33300	6100	19600	23600	1600	13400	11700	400	5300	900	100	300
15	30200	8600	19200	19100	700	8900	15500	300	5200	13500	100	2000
16	27500	5500	15800	19300	1000	9400	6900	300	2400	6600	100	1100
17	24200	3000	12900	23900	1000	10400	15000	200	6300	11300	100	1500
18	25300	800	11300	16300	500	6200	31100	500	11800	9100	100	1500
19	27700	2400	15300	22700	500	10300	28900	600	10500	19800	100	3200
20	26200	3100	15500	36100	900	12000	30500	500	8500	13600	100	2300
21	30700	2200	14700	26600	300	6900	28700	300	8200	11800	100	2300
22	34300	700	16700	33500	400	12100	36900	400	12700	10100	200	1800
23	31900	1800	16000	33500	600	11500	29500	400	9600	3700	100	900
24	34200	700	13600	29500	500	8500	28500	300	7400	2300	100	600
25	32000	600	12700	29800	400	10000	14600	300	4600	2700	100	500
26	41000	1700	21600	29600	900	13500	6300	200	2100	200	100	100
27	37900	6400	22700	28500	1200	13400	13000	400	4300	3300	100	400
28	31400	500	12000	24200	1000	11400	19100	100	5600	1400	100	300
29	31500	1600	14300	17700	300	5100	7100	100	1600	400	100	200
30	23200	800	11600	10700	300	3700	16600	100	5100	400	100	200
31	21700	500	9200	---	---	---	15900	100	4800	600	100	200
MONTH	41000	100	13000	43800	300	11700	36900	100	5150	19800	100	1150

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, 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	500	100	200	7500	200	2800	10600	200	3600	25600	300	6300
2	600	100	200	9000	200	2500	9000	200	3200	21700	300	6200
3	500	100	200	5200	200	1800	20500	200	4500	22900	300	6100
4	2200	100	300	9100	200	2400	16600	300	4900	22200	300	5400
5	2900	100	500	12500	200	3200	24500	300	5700	16000	200	4600
6	800	100	300	13000	300	4600	18100	400	6600	19100	300	4100
7	1200	100	300	7500	200	2300	14500	300	4500	17700	600	6700
8	800	100	300	6700	100	1600	20000	1400	9600	34200	800	13600
9	1300	100	400	7500	200	2200	33400	900	13900	22600	300	8500
10	3300	100	600	9600	100	2700	31000	400	11100	17100	400	6100
11	5400	100	1100	14700	200	4700	26900	900	11300	18900	400	6700
12	6400	100	1000	12000	100	2500	32200	2400	19000	25000	700	10300
13	3800	100	700	7400	100	1400	19800	300	6400	28800	600	11300
14	7600	100	1700	9400	100	2900	28600	300	9900	33500	600	12100
15	18100	100	3700	10900	200	2900	27100	600	9900	40500	800	14400
16	4500	200	1400	12900	100	3800	25200	200	5500	34900	1200	15300
17	18200	200	5200	13400	200	4500	23000	300	4700	26300	1000	14000
18	21500	300	6200	24100	200	5900	7500	200	2500	28400	500	10300
19	26200	300	8100	13600	200	4000	12300	200	2200	21300	600	8600
20	12000	200	4100	8500	100	1700	11500	300	3600	23100	500	7500
21	7700	200	1900	16900	100	2200	15200	200	2700	22200	600	7200
22	7700	200	1800	18900	200	4400	9400	200	2600	18100	400	6200
23	3400	100	800	10300	200	1800	11100	100	2800	15300	400	5200
24	4600	100	1000	3800	100	700	5300	100	1200	11800	400	5400
25	7100	100	1500	5100	100	1100	10300	200	3700	17500	700	7700
26	7000	100	1900	7400	100	1900	11100	300	3700	28400	2600	14400
27	13000	200	3600	6300	200	1900	7600	200	2600	23100	1000	12500
28	15500	300	6300	7400	200	2500	7300	100	1800	17400	300	5600
29	20100	400	5600	6600	200	2400	12800	200	3300	29400	500	10000
30	---	---	---	5600	200	2200	17900	200	4100	31100	600	11800
31	---	---	---	8500	200	2700	---	---	---	36900	700	12100
MONTH	26200	100	2100	24100	100	2720	33400	100	5700	40500	200	8910

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	38400	1300	15800	44700	8400	25500	43700	10200	29200	23200	900	10000
2	41700	2300	19200	42900	9400	27500	43400	11000	29200	11800	300	3700
3	40900	11200	28800	43100	9400	27900	44500	14500	30900	11500	200	2500
4	41300	12300	27900	40800	13900	28500	38700	8300	25400	8100	300	2700
5	40600	1100	19100	39900	9800	27000	32900	300	16000	6700	200	1700
6	26900	800	10100	38200	5300	24500	26800	200	11700	14500	200	3900
7	26600	1400	13300	35400	3400	21400	30300	300	13100	21900	400	6800
8	32000	2300	17700	33700	1300	16500	34400	800	16900	12700	300	5000
9	31900	2400	18600	33500	1500	16300	32600	200	15900	5900	200	1900
10	38900	3400	20700	35300	1500	16700	28100	100	10000	3800	200	1100
11	39300	3600	22200	37800	2300	18800	28700	100	12100	3700	200	1100
12	37600	1600	18500	33000	1900	17900	30700	700	14100	2500	200	800
13	31600	800	14300	30100	1700	15200	36800	2600	16700	2800	200	800
14	31500	800	11600	33200	3500	16900	26400	600	16700	5700	200	1300
15	35400	1800	14300	34400	4500	19100	18900	100	10200	10200	200	2200
16	36100	4000	18400	34500	6000	20600	18900	100	9500	10000	200	2300
17	31400	1600	16900	30400	6000	19500	20900	300	9900	6600	100	1300
18	26300	1100	12900	27900	3200	15900	28500	200	14300	6900	200	1700
19	24800	2600	13200	26500	1900	13200	34500	4500	19900	17900	200	4200
20	24100	2900	13100	23600	1400	12600	34400	6000	21300	10900	200	3600
21	24600	3000	14700	26400	2200	15300	34500	4000	20400	18100	200	3800
22	26400	2200	14200	29900	5000	18400	40300	8800	25700	26600	400	7800
23	26900	1800	14600	31500	3800	18900	40800	6000	25500	27100	300	8200
24	27600	1200	15300	36300	3600	18900	40900	4600	22600	18800	300	6200
25	33000	4400	19800	39900	8300	23700	40700	300	19000	18700	300	6100
26	32200	1400	16300	40600	8400	24700	42400	1400	19200	27100	300	9000
27	36200	600	14600	44900	4400	24300	42400	2600	22400	31400	600	10700
28	40700	4100	21200	45200	4000	25900	40700	9800	25800	31600	400	9100
29	38600	1600	19800	46400	4200	27300	31200	1500	17300	20600	300	6000
30	40600	1400	18100	49300	6800	29000	32500	1300	14100	13500	200	3600
31	---	---	---	47100	9300	30600	32000	1100	14000	---	---	---
MONTH	41700	600	17200	49300	1300	21200	44500	100	18400	31600	100	4300
YEAR	49300	100	9320									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.9	6.7	8.3	7.7	7.2	5.5	7.3	7.0	6.5	6.5	7.0	6.7
2	8.1	6.5	8.4	7.6	7.1	5.5	7.6	7.0	6.6	6.4	7.0	6.8
3	7.9	6.5	8.5	7.5	7.2	5.8	7.9	7.4	6.5	6.4	6.9	6.7
4	7.8	6.2	8.4	7.3	7.1	6.1	7.6	7.3	6.6	6.5	6.9	6.7
5	7.9	6.4	8.1	7.2	7.2	5.8	7.5	7.2	6.7	6.5	7.0	6.7
6	7.9	6.9	7.8	7.4	7.2	6.0	7.4	7.2	6.7	6.5	7.0	6.7
7	7.7	6.1	7.9	6.9	7.2	5.6	7.4	7.1	6.6	6.5	6.9	6.6
8	7.8	7.0	7.8	6.8	7.2	5.7	7.3	7.0	6.6	6.5	6.7	6.6
9	7.6	6.0	7.5	6.7	7.1	5.8	7.2	7.0	6.6	6.5	6.7	6.5
10	7.6	6.7	7.6	6.5	7.1	5.5	7.1	6.9	6.7	6.5	6.7	6.5
11	7.5	6.5	7.3	6.5	7.1	5.7	7.1	6.9	6.8	6.5	6.7	6.4
12	7.7	7.0	7.3	6.2	7.2	5.7	7.2	6.9	6.7	6.4	6.5	6.2
13	7.8	7.4	7.8	6.8	7.2	5.5	7.1	6.8	6.7	6.4	6.2	6.0
14	7.9	7.4	7.8	6.9	7.2	5.6	7.0	6.8	6.9	6.5	6.2	5.8
15	7.9	7.5	7.7	7.0	7.2	5.5	7.0	6.8	7.3	6.6	6.4	5.8
16	7.9	7.6	7.7	6.8	7.1	5.7	7.1	6.9	6.9	6.6	6.5	6.0
17	7.8	7.5	7.8	6.8	7.2	5.8	7.1	6.8	7.4	6.6	6.5	6.0
18	7.8	7.4	7.7	6.7	---	---	7.1	6.8	7.4	6.7	6.7	6.1
19	7.8	7.3	7.6	6.9	---	---	7.2	6.8	7.5	6.8	7.0	6.1
20	7.7	7.4	7.4	6.0	7.5	7.3	7.5	6.8	7.2	6.8	7.3	6.5
21	7.8	7.4	7.2	5.4	7.9	7.3	7.3	6.8	7.1	6.8	7.4	6.3
22	7.9	7.4	7.0	5.0	---	---	7.1	6.8	7.1	6.8	7.5	6.5
23	7.9	7.4	7.5	5.7	---	---	7.0	6.8	7.0	6.7	7.2	6.7
24	7.9	7.3	7.3	5.7	---	---	6.9	6.7	6.9	6.7	7.0	6.6
25	7.8	7.2	7.3	5.5	---	---	6.9	6.7	6.9	6.6	7.0	6.7
26	7.9	7.2	7.3	5.3	---	---	6.7	6.5	6.9	6.6	7.1	6.6
27	7.9	7.2	7.4	5.4	---	---	6.7	6.4	7.0	6.7	7.1	6.8
28	8.1	7.3	7.3	5.4	7.6	7.1	6.5	6.3	7.2	6.7	7.2	6.7
29	8.3	7.7	7.3	5.4	7.6	7.2	6.5	6.4	7.2	6.8	7.2	6.8
30	8.2	7.8	7.2	5.8	---	---	6.5	6.4	---	---	7.3	6.9
31	8.2	7.6	---	---	---	---	6.5	6.4	---	---	7.4	6.9
MONTH	8.3	6.0	8.5	5.0	---	---	7.9	6.3	7.5	6.4	7.5	5.8

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

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

TEMPERATURE (°C) OF WATER, 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	24.0	22.5	23.0	18.0	16.5	17.5	14.5	13.5	14.5	11.5	10.5	11.0
2	24.0	22.5	23.0	18.0	17.0	17.5	14.0	13.0	13.5	11.5	10.5	11.0
3	23.5	22.0	23.0	18.5	17.5	18.0	13.0	12.5	13.0	10.5	9.5	10.0
4	22.5	21.0	22.0	19.0	18.0	18.5	13.0	11.0	12.5	9.5	9.0	9.5
5	22.0	21.0	21.5	20.0	18.5	19.0	11.5	10.5	11.5	9.0	8.0	8.5
6	22.0	21.0	21.5	18.5	17.0	18.0	11.0	10.5	10.5	8.0	7.0	7.5
7	22.0	21.0	21.5	17.5	16.5	17.0	10.5	10.0	10.0	7.0	6.0	6.5
8	21.5	20.5	21.0	17.5	16.5	17.0	10.5	9.5	10.0	5.5	5.5	5.5
9	21.0	19.5	20.0	18.0	17.0	17.5	11.5	10.5	11.0	5.5	5.0	5.0
10	21.0	20.0	20.5	18.5	17.5	18.0	12.5	11.0	11.5	5.0	4.5	5.0
11	21.0	20.0	20.5	18.0	16.0	17.0	12.5	11.5	12.0	4.5	4.0	4.5
12	20.5	19.0	20.0	16.5	15.0	15.5	12.5	11.5	12.0	4.5	3.5	4.0
13	19.0	18.5	18.5	15.5	14.5	15.0	12.5	11.5	12.0	4.5	3.5	4.0
14	18.5	17.5	18.0	15.5	14.5	15.0	12.0	11.5	11.5	4.0	3.0	3.5
15	18.0	17.0	17.5	15.5	14.5	15.5	12.5	11.5	12.0	3.5	3.0	3.0
16	18.5	17.0	18.0	16.5	15.0	16.0	12.0	11.0	11.5	3.5	2.5	3.0
17	19.0	17.5	18.0	17.0	16.0	16.5	11.0	10.5	11.0	4.0	3.0	3.5
18	19.5	18.0	19.0	17.0	16.5	17.0	10.5	9.5	10.0	5.0	4.0	4.5
19	19.5	18.5	19.0	17.0	16.0	16.5	10.0	9.5	10.0	6.0	4.5	5.0
20	20.5	19.0	19.5	16.5	15.5	16.0	11.0	10.0	10.5	6.5	5.5	6.0
21	20.5	19.5	20.0	15.5	14.0	15.0	11.5	10.5	11.0	7.5	6.5	7.0
22	19.5	18.5	19.0	14.0	13.0	13.5	11.5	11.0	11.5	7.5	7.0	7.0
23	19.0	17.5	18.5	13.5	12.5	13.0	12.0	11.0	11.5	8.0	7.0	7.5
24	19.0	17.5	18.5	14.0	13.0	13.5	12.0	11.0	11.5	7.5	7.0	7.5
25	18.5	18.0	18.5	14.5	13.5	14.0	12.5	11.5	12.0	7.5	7.5	7.5
26	18.5	17.5	18.0	15.5	14.0	14.5	13.0	12.0	12.5	8.0	7.0	7.0
27	17.5	17.5	17.5	15.5	15.0	15.0	13.0	13.0	13.0	7.0	6.5	7.0
28	17.5	17.5	17.5	16.0	15.0	15.5	13.0	12.5	13.0	7.0	6.0	6.5
29	17.5	16.5	17.0	16.0	15.5	16.0	12.5	11.5	12.5	7.0	6.0	6.5
30	17.0	16.5	17.0	15.5	14.5	15.5	11.5	10.5	11.0	7.0	6.0	6.5
31	17.5	16.5	17.0	---	---	---	11.0	10.0	10.5	7.5	6.5	7.0
MONTH	24.0	16.5	19.5	20.0	12.5	16.0	14.5	9.5	11.5	11.5	2.5	6.5

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

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

TEMPERATURE (°C) OF WATER, 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	27.5	25.5	26.5	28.0	26.5	27.5	32.0	30.5	31.0	27.0	26.5	26.5
2	27.0	25.0	26.5	28.0	26.5	27.0	31.5	30.0	31.0	27.5	26.0	26.5
3	27.5	25.5	26.5	27.0	26.0	26.5	31.5	29.5	30.5	28.0	26.5	27.0
4	26.5	25.0	25.5	27.0	25.5	26.5	31.5	30.5	31.0	28.0	27.5	27.5
5	27.0	24.5	26.0	26.5	25.5	26.0	32.0	29.5	31.0	27.5	26.5	27.0
6	27.0	25.0	26.0	26.5	24.5	26.0	31.5	29.5	31.0	26.5	25.5	26.5
7	27.5	25.5	26.5	27.0	25.5	26.5	31.5	29.5	31.0	26.0	25.0	25.5
8	28.0	26.5	27.5	27.5	26.0	27.0	32.0	30.5	31.0	25.0	24.0	24.5
9	28.5	27.0	28.0	28.0	26.0	27.0	31.5	30.5	31.0	24.5	24.0	24.0
10	28.0	25.5	26.5	29.0	25.5	27.5	31.0	30.0	30.5	25.0	24.0	24.5
11	27.0	25.0	26.0	29.0	28.5	29.0	31.5	30.0	31.0	25.0	24.5	25.0
12	27.0	24.5	26.0	29.0	26.0	27.5	32.0	30.0	31.0	25.5	24.5	25.0
13	27.5	25.0	26.5	30.0	26.0	28.0	32.0	30.0	31.0	26.0	24.5	25.0
14	28.0	26.5	27.0	29.5	27.5	28.5	31.5	29.5	31.0	26.5	24.5	25.5
15	28.0	26.0	27.5	31.0	28.5	30.0	31.5	30.5	31.0	26.0	25.5	25.5
16	29.0	27.0	28.0	31.5	30.0	30.5	31.5	30.0	31.0	25.5	24.0	25.0
17	29.0	27.0	28.0	32.0	30.0	31.0	31.5	29.5	30.5	24.5	24.0	24.0
18	29.0	27.0	28.0	32.0	30.0	31.0	31.5	29.5	31.0	24.5	23.5	24.0
19	30.0	27.5	28.5	32.0	30.0	31.0	31.5	29.5	31.0	25.0	24.0	24.5
20	30.0	28.0	29.0	31.5	30.5	31.0	31.5	30.5	30.5	25.5	24.5	25.0
21	30.0	28.0	29.5	31.0	30.0	30.5	30.5	29.5	30.5	26.5	24.5	25.5
22	30.0	28.5	29.5	30.0	30.0	30.0	30.5	29.5	30.0	27.5	25.0	26.0
23	30.0	28.5	29.5	30.0	28.5	29.0	31.0	29.0	30.0	27.5	26.5	27.0
24	30.0	29.0	29.5	29.5	28.0	29.0	31.5	29.5	30.0	28.5	27.0	27.5
25	29.5	28.5	29.0	30.5	29.0	29.0	30.5	29.0	29.5	28.0	27.0	27.5
26	29.5	29.0	29.5	31.0	30.0	30.5	30.5	29.5	30.0	27.0	24.5	25.0
27	29.0	27.0	28.5	31.0	30.0	30.5	30.5	29.5	30.0	26.0	24.5	25.5
28	28.5	27.0	28.0	31.0	30.0	30.5	29.5	28.0	29.0	26.5	25.5	26.0
29	29.0	27.0	28.0	31.0	28.0	30.5	29.5	28.0	28.5	26.5	25.5	26.0
30	28.0	26.0	27.0	32.0	30.0	31.0	28.5	28.0	28.5	26.5	25.0	26.0
31	---	---	---	32.0	30.0	31.0	28.5	27.0	28.0	---	---	---
MONTH	30.0	24.5	27.5	32.0	24.5	29.0	32.0	27.0	30.5	28.5	23.5	25.5
YEAR	32.0	2.5	19.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.2	4.4	4.9	8.8	8.3	8.6	8.0	7.6	7.8	8.4	8.0	8.2
2	5.5	4.6	5.2	8.8	8.2	8.6	7.9	7.5	7.7	8.5	7.9	8.2
3	6.0	4.8	5.5	8.7	8.2	8.5	7.9	7.2	7.6	9.0	8.2	8.6
4	6.4	5.2	5.9	8.6	7.9	8.3	8.2	7.7	8.0	8.7	8.4	8.6
5	6.8	5.8	6.3	8.4	7.7	8.1	8.6	7.9	8.2	8.9	8.6	8.7
6	6.9	6.3	6.6	8.4	7.8	8.3	8.6	8.2	8.4	9.1	8.6	8.8
7	7.1	6.5	6.8	8.4	7.9	8.3	8.6	8.1	8.4	9.6	8.9	9.3
8	7.2	6.7	6.9	8.4	8.1	8.3	8.7	8.1	8.4	9.8	9.4	9.6
9	7.1	6.7	6.9	8.2	8.0	8.2	8.4	7.9	8.2	9.7	9.4	9.6
10	6.9	6.3	6.7	8.1	7.7	8.0	8.2	7.8	8.0	9.8	9.5	9.7
11	6.7	6.3	6.5	8.2	7.8	8.0	8.1	7.7	8.0	10.1	9.8	9.9
12	7.2	6.1	6.7	8.2	7.8	8.1	8.1	7.7	8.0	10.2	9.9	10.1
13	7.6	7.1	7.4	8.4	8.0	8.2	8.1	7.7	7.9	10.3	10.0	10.2
14	7.9	7.3	7.6	8.4	7.9	8.2	8.1	7.8	8.0	10.5	10.1	10.4
15	7.9	7.5	7.7	8.3	8.0	8.2	8.2	7.9	8.1	10.7	10.3	10.5
16	8.0	7.5	7.8	8.4	8.1	8.3	8.3	7.7	8.2	10.7	10.5	10.6
17	8.0	7.7	7.8	8.4	8.0	8.3	8.6	7.9	8.3	10.7	10.5	10.6
18	8.0	7.4	7.8	8.3	7.9	8.2	9.0	8.3	8.6	10.5	10.4	10.5
19	8.1	7.3	7.8	8.1	7.8	8.0	9.0	8.5	8.7	10.6	10.2	10.5
20	8.3	7.5	8.1	8.2	7.9	8.0	9.0	8.5	8.7	10.6	10.3	10.5
21	8.2	7.5	8.0	8.4	7.8	8.2	8.9	8.4	8.6	10.4	10.1	10.2
22	8.2	7.7	8.0	8.7	8.0	8.4	8.9	8.2	8.6	10.2	9.8	10.0
23	8.3	7.6	8.1	8.8	8.2	8.4	8.7	8.1	8.5	9.9	9.4	9.7
24	8.3	7.6	8.1	8.6	8.1	8.4	8.7	7.8	8.3	9.7	9.2	9.5
25	8.1	7.1	7.9	8.7	8.2	8.5	8.5	7.9	8.2	9.5	9.1	9.3
26	8.3	7.6	7.9	8.6	8.2	8.4	8.2	7.6	8.1	9.4	9.0	9.2
27	8.5	8.0	8.3	8.5	8.2	8.4	8.2	7.6	8.0	9.5	9.1	9.4
28	8.5	8.0	8.4	8.6	8.3	8.5	8.2	7.6	8.0	14.6	9.3	10.3
29	8.6	7.9	8.4	8.5	8.0	8.3	8.3	7.8	8.1	11.2	9.7	10.1
30	8.7	8.1	8.4	8.1	7.8	8.0	8.5	8.0	8.3	10.6	9.6	9.9
31	8.8	8.3	8.6	---	---	---	8.5	8.0	8.3	10.2	9.6	9.9
MONTH	8.8	4.4	7.3	8.8	7.7	8.3	9.0	7.2	8.2	14.6	7.9	9.7

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	6.0	5.1	5.5	5.5	4.2	4.9	7.7	4.0	5.6	5.5	4.3	5.1
2	6.2	5.2	5.6	5.7	4.7	5.2	7.7	3.4	5.6	5.6	4.7	5.3
3	6.3	5.0	5.8	5.5	4.8	5.2	6.8	3.5	5.5	5.6	4.7	5.2
4	6.6	5.0	5.8	5.9	5.0	5.4	6.5	3.5	5.4	5.6	4.6	5.3
5	6.2	5.5	5.8	6.2	5.1	5.5	7.4	4.1	5.9	5.4	4.7	5.2
6	5.8	5.2	5.6	6.3	5.0	5.8	7.4	4.5	6.0	5.2	4.5	4.9
7	6.5	5.2	5.7	6.3	5.1	5.9	6.7	4.0	5.4	5.6	4.8	5.2
8	6.5	5.3	6.0	6.3	4.9	5.8	6.9	3.6	5.1	5.4	4.2	5.0
9	6.5	5.3	6.0	6.7	5.3	5.9	7.7	3.2	5.4	4.8	4.4	4.6
10	6.2	5.4	5.9	7.5	5.0	6.0	6.9	3.1	5.5	4.6	4.1	4.4
11	6.4	5.1	5.9	7.6	5.0	5.9	7.4	2.9	5.4	4.3	4.0	4.2
12	6.5	5.4	6.0	7.8	5.2	5.8	7.5	3.0	5.5	4.2	3.8	4.1
13	6.5	5.3	6.0	7.6	4.5	6.0	7.1	3.9	5.6	4.2	3.8	4.0
14	6.5	5.1	5.9	7.6	4.5	5.7	7.1	3.1	5.6	4.1	3.8	4.0
15	6.6	5.5	5.9	6.1	4.7	5.6	6.8	3.4	5.7	4.0	3.4	3.8
16	6.7	5.4	6.0	6.0	4.9	5.6	6.6	4.0	5.6	4.2	3.8	4.0
17	6.4	5.3	5.8	6.4	5.1	5.7	7.0	4.8	6.0	4.3	3.6	4.1
18	6.1	5.2	5.7	6.5	5.0	5.9	7.0	4.9	5.9	4.3	3.6	4.2
19	6.1	4.9	5.6	6.9	5.0	6.2	7.5	3.9	5.7	4.3	3.8	4.1
20	6.1	4.7	5.4	6.8	4.9	6.2	7.6	4.0	5.8	4.5	3.7	4.2
21	5.8	5.1	5.4	6.7	5.0	6.1	6.7	4.7	5.8	4.2	3.5	4.0
22	5.6	4.5	5.3	6.5	4.6	5.9	6.6	2.8	5.5	4.2	3.5	4.0
23	5.4	4.2	5.1	6.4	4.0	5.8	6.9	3.8	5.7	4.3	3.6	4.0
24	5.2	4.3	4.9	8.2	4.4	6.1	6.3	4.3	5.7	4.4	3.6	4.1
25	5.4	4.0	4.9	7.1	4.3	6.1	7.1	4.2	5.8	4.4	3.7	4.1
26	5.2	4.5	4.9	7.2	4.1	6.1	6.2	3.8	5.3	4.5	4.0	4.3
27	5.2	4.2	4.9	6.5	4.4	5.8	5.5	3.8	4.7	4.5	3.9	4.3
28	5.6	4.3	5.0	6.4	2.8	5.3	5.0	3.0	4.5	4.5	3.9	4.3
29	5.6	4.5	5.1	6.4	3.5	5.1	5.5	3.7	4.8	4.6	3.9	4.4
30	6.6	4.5	5.1	6.2	3.5	5.3	5.4	3.8	4.8	4.7	4.1	4.5
31	---	---	---	7.0	4.0	5.6	5.3	3.9	4.9	---	---	---
MONTH	6.7	4.0	5.6	8.2	2.8	5.7	7.7	2.8	5.5	5.6	3.4	4.4
YEAR	14.6	2.8	7.1									

NOTE.--Dissolved oxygen concentrations 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, 10.3 mg/L, Feb. 17, 18, 1988; minimum, 1.8 mg/L, Sept. 22, 23, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 143 microsiemens, Aug. 28; minimum, 60 microsiemens many days.
pH: Maximum, 7.3 units, Nov. 17; minimum, 5.5 units, Sept. 29, 30.
WATER TEMPERATURE: Maximum, 31.5°C, July 18-21; minimum, 3.5°C, Jan. 15-18.
DISSOLVED OXYGEN: Maximum, 10.3 mg/L, Feb. 17, 18; minimum, 2.6 mg/L Sept. 6.

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	80	60	68	120	100	106	101	82	92	110	90	98
2	80	60	70	120	100	109	110	90	100	100	90	93
3	80	60	70	120	100	111	110	90	96	100	80	88
4	80	60	70	110	100	108	100	80	94	90	80	86
5	80	60	72	120	100	107	90	80	88	90	70	81
6	90	60	74	110	100	104	90	80	86	90	70	75
7	80	70	72	110	90	101	90	80	87	90	60	75
8	80	60	72	110	90	102	90	80	86	90	70	71
9	80	60	73	110	100	102	90	80	88	80	60	67
10	90	70	74	110	100	103	120	90	92	80	60	69
11	80	70	76	100	90	94	101	70	90	80	70	74
12	90	70	78	110	90	95	142	62	95	90	60	72
13	90	70	81	110	90	100	123	82	92	70	60	64
14	100	80	89	110	90	101	104	64	83	81	60	69
15	110	80	94	110	90	101	115	75	95	81	71	72
16	110	80	95	120	80	100	135	85	98	93	62	78
17	100	80	93	120	100	107	136	77	107	84	63	80
18	100	80	90	110	100	104	108	77	100	86	74	79
19	100	80	92	110	90	101	138	78	107	87	76	84
20	110	90	95	110	100	103	119	89	104	97	77	83
21	100	80	93	110	90	98	130	100	112	89	78	82
22	110	80	91	110	90	99	130	100	113	90	79	84
23	110	80	99	120	90	102	120	100	111	91	81	83
24	120	90	103	110	89	100	120	60	93	93	72	85
25	110	80	98	109	89	100	140	100	114	94	83	85
26	130	90	104	108	97	100	130	80	109	85	60	79
27	130	100	113	106	86	98	120	80	105	80	60	72
28	110	90	100	96	85	94	120	90	105	90	60	74
29	110	90	101	94	83	87	110	70	97	100	70	74
30	110	90	102	93	82	86	120	90	103	90	70	76
31	120	90	104	---	---	---	140	90	103	90	70	78
MONTH	130	60	87	120	80	101	142	60	98	110	60	78

02110802 WACCAMAW RIVER AT BUCKSPORT, 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	90	70	78	90	80	83	100	80	90	80	70	76
2	90	70	79	90	70	83	100	90	92	90	70	77
3	80	70	77	100	70	85	100	90	92	80	70	76
4	80	70	78	100	80	88	100	90	92	80	70	76
5	80	70	73	90	80	84	100	80	93	80	70	75
6	80	70	74	100	80	91	100	80	91	80	70	72
7	80	70	74	100	80	89	100	80	87	80	70	74
8	80	70	73	90	80	84	100	80	90	90	70	79
9	90	70	77	90	80	83	100	90	94	90	70	79
10	90	70	80	100	80	86	100	90	95	90	70	80
11	91	71	78	90	80	84	100	90	95	90	70	78
12	84	72	76	100	80	83	110	90	96	90	70	80
13	85	74	79	100	70	88	90	80	89	80	70	78
14	96	75	81	100	80	89	100	80	89	80	70	78
15	97	77	86	100	80	89	100	80	92	90	80	82
16	99	78	88	100	80	88	100	80	90	100	80	88
17	100	79	86	110	80	89	100	80	90	90	80	86
18	98	78	87	100	80	87	90	80	88	90	70	79
19	97	77	85	100	80	88	90	80	83	80	70	75
20	86	75	84	90	80	86	90	80	84	80	70	76
21	85	74	81	100	80	92	90	80	88	80	70	77
22	93	72	79	100	80	90	90	80	86	90	70	79
23	92	72	81	100	80	91	90	80	86	90	80	81
24	100	70	85	100	80	91	90	80	86	90	80	83
25	90	70	82	100	80	88	90	80	82	90	70	81
26	90	70	82	90	80	84	90	70	82	100	70	81
27	100	80	86	100	80	86	90	80	83	100	80	85
28	100	80	86	100	80	87	80	70	76	90	80	86
29	100	80	88	100	80	89	80	70	75	110	80	87
30	---	---	---	100	80	90	80	70	76	100	80	92
31	---	---	---	100	80	91	---	---	---	100	80	92
MONTH	100	70	81	110	70	87	110	70	88	110	70	80

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	80	91	120	100	115	140	110	127	126	106	116
2	110	90	94	130	110	116	130	110	126	127	77	108
3	110	80	94	120	100	115	130	120	125	107	87	96
4	110	90	96	130	110	117	130	120	122	98	88	90
5	110	90	97	130	110	120	130	110	120	99	88	93
6	100	80	91	130	110	121	130	110	117	100	89	94
7	100	80	90	130	110	121	120	110	117	100	90	97
8	100	80	94	130	110	119	130	110	120	110	100	101
9	100	80	96	130	90	117	---	---	---	---	---	---
10	110	80	89	120	100	115	---	---	---	---	---	---
11	110	90	95	130	110	117	---	---	---	---	---	---
12	130	80	96	120	110	115	130	120	121	---	---	---
13	110	90	95	130	110	119	130	120	122	---	---	---
14	100	80	91	120	110	115	120	110	119	---	---	---
15	100	90	92	120	110	115	130	110	117	---	---	---
16	120	80	97	130	110	117	130	110	120	---	---	---
17	120	70	100	130	110	121	130	110	122	---	---	---
18	120	80	97	130	110	123	130	110	122	---	---	---
19	130	90	97	140	110	126	130	110	123	---	---	---
20	130	90	98	130	120	124	130	120	122	---	---	---
21	140	90	106	130	120	124	130	120	122	---	---	---
22	110	100	105	130	120	125	140	120	125	---	---	---
23	120	100	108	130	120	122	140	120	128	110	90	97
24	120	100	108	130	90	120	140	120	127	100	90	96
25	130	110	116	130	90	123	131	121	127	100	90	95
26	130	110	116	130	120	125	132	122	129	100	90	95
27	120	100	110	130	110	124	133	122	131	100	90	99
28	120	100	112	130	110	123	143	123	130	110	90	99
29	130	100	112	130	110	124	134	124	128	100	90	97
30	130	100	111	140	110	126	134	114	125	100	90	95
31	---	---	---	140	120	128	125	115	119	---	---	---
MONTH	140	70	100	140	90	120	143	110	123	127	77	98
YEAR	143	60	95									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	23.5	22.5	23.0	17.5	17.0	17.5	15.0	14.0	14.5	10.5	10.5	10.5
2	23.0	22.0	22.5	18.0	17.0	17.5	14.0	13.5	13.5	10.5	10.5	10.5
3	22.5	22.0	22.0	18.0	17.0	17.5	13.5	13.0	13.0	10.5	10.0	10.0
4	21.5	21.0	21.5	18.5	18.0	18.0	13.0	12.0	12.5	10.0	9.5	9.5
5	21.5	20.5	21.0	19.5	18.0	18.5	12.0	11.0	11.5	9.0	9.0	9.0
6	21.0	20.0	20.5	18.5	18.0	18.5	11.5	11.0	11.0	9.0	8.5	8.5
7	21.0	20.0	20.5	17.5	17.0	17.5	11.0	10.0	10.5	8.5	7.5	8.0
8	20.5	19.5	20.0	17.5	17.0	17.5	11.0	10.0	10.5	7.5	6.5	7.0
9	20.5	19.0	20.0	18.0	17.5	17.5	11.5	10.5	11.0	6.5	6.0	6.5
10	20.5	19.5	20.0	18.5	18.0	18.0	13.0	11.0	12.0	6.0	5.5	5.5
11	20.5	20.0	20.0	18.5	16.5	18.0	13.0	12.5	13.0	5.5	5.0	5.0
12	20.0	19.0	20.0	17.0	16.0	16.5	13.0	12.5	12.5	5.0	4.5	4.5
13	19.0	18.5	19.0	16.0	15.5	16.0	12.5	12.0	12.0	4.5	4.0	4.5
14	18.5	18.0	18.0	16.0	15.5	15.5	12.5	12.0	12.0	4.5	4.0	4.0
15	18.0	17.5	18.0	16.0	15.5	15.5	13.0	12.0	12.5	4.0	3.5	4.0
16	18.0	17.0	17.5	16.5	15.0	15.5	13.0	12.5	12.5	4.0	3.5	3.5
17	18.0	17.0	17.5	16.5	15.0	16.0	12.5	11.5	12.0	3.5	3.5	3.5
18	18.5	17.5	18.0	17.0	15.5	16.5	11.5	11.0	11.0	4.0	3.5	4.0
19	19.0	18.0	18.5	17.0	16.0	16.5	11.0	10.5	10.5	4.5	4.0	4.0
20	19.5	18.5	19.0	16.0	15.5	16.0	11.5	10.5	11.0	5.0	4.5	4.5
21	20.0	19.0	19.5	15.5	14.5	15.0	12.0	11.0	11.5	5.5	5.0	5.5
22	19.5	18.5	19.0	14.5	14.0	14.0	12.0	10.5	11.5	6.5	5.5	6.0
23	18.5	17.5	18.0	14.0	13.0	13.5	11.5	11.0	11.5	6.5	6.5	6.5
24	18.5	17.5	18.0	14.0	13.0	13.5	11.5	11.0	11.0	6.5	6.5	6.5
25	18.5	18.0	18.5	14.0	13.5	14.0	12.5	11.5	12.0	6.5	6.5	6.5
26	18.5	18.0	18.5	15.0	14.0	14.5	13.5	12.0	13.0	6.5	6.5	6.5
27	18.5	18.0	18.0	15.0	14.0	14.5	13.5	12.5	13.0	6.5	6.5	6.5
28	18.0	17.5	18.0	15.0	14.0	15.0	13.0	12.5	12.5	6.5	6.0	6.0
29	17.5	17.0	17.5	16.0	15.0	15.5	13.0	12.5	12.5	6.0	5.5	6.0
30	17.5	17.0	17.0	15.5	15.0	15.5	12.0	11.0	11.5	6.0	5.5	6.0
31	17.5	17.0	17.0	---	---	---	11.0	10.5	11.0	6.0	6.0	6.0
MONTH	23.5	17.0	19.0	19.5	13.0	16.0	15.0	10.0	12.0	10.5	3.5	6.5

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

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	24.5	24.0	24.0	28.0	27.0	27.5	31.0	30.5	31.0	27.0	25.5	26.5
2	25.0	24.5	24.5	28.0	27.0	27.5	31.0	30.5	31.0	26.5	25.0	25.5
3	25.0	24.5	25.0	28.0	26.5	27.0	31.0	30.5	30.5	26.5	25.0	25.5
4	25.0	24.5	24.5	27.5	26.5	27.0	30.5	30.0	30.5	26.0	25.5	26.0
5	24.5	24.0	24.0	27.5	26.5	27.0	30.5	30.0	30.5	26.0	25.5	25.5
6	24.0	23.5	24.0	27.5	26.5	27.0	31.0	30.0	30.5	25.5	25.0	25.0
7	24.5	24.0	24.0	27.0	26.5	27.0	31.0	30.0	30.5	25.0	24.0	24.5
8	25.0	24.5	24.5	27.5	26.5	27.0	30.5	30.0	30.5	25.0	23.0	24.0
9	25.5	25.0	25.0	28.5	27.0	27.5	---	---	---	---	---	---
10	25.5	25.0	25.0	29.0	27.5	28.0	---	---	---	---	---	---
11	25.0	24.5	24.5	29.0	28.0	28.5	---	---	---	---	---	---
12	24.5	24.0	24.5	29.0	28.5	29.0	30.5	30.5	30.5	---	---	---
13	24.5	24.0	24.5	29.5	28.5	29.0	30.5	30.5	30.5	---	---	---
14	25.0	24.5	24.5	29.5	29.0	29.0	30.5	30.5	30.5	---	---	---
15	25.0	24.5	25.0	30.0	29.0	30.0	30.5	30.5	30.5	---	---	---
16	25.5	25.0	25.0	31.0	30.0	30.5	30.5	30.5	30.5	---	---	---
17	25.5	25.0	25.5	31.0	30.5	31.0	30.5	30.5	30.5	---	---	---
18	25.5	25.5	25.5	31.5	30.5	31.0	30.5	30.5	30.5	---	---	---
19	26.0	25.5	26.0	31.5	31.0	31.0	31.0	30.5	31.0	---	---	---
20	26.5	26.0	26.0	31.5	31.0	31.0	31.0	31.0	31.0	---	---	---
21	28.5	26.0	27.5	31.5	30.5	31.0	31.0	31.0	31.0	---	---	---
22	29.0	28.0	28.5	31.0	30.5	30.5	31.0	31.0	31.0	---	---	---
23	29.5	28.5	29.0	31.0	30.0	30.5	31.0	31.0	31.0	25.0	25.0	25.0
24	30.0	29.0	29.5	31.0	30.0	30.5	31.0	30.0	30.5	25.5	25.0	25.0
25	30.0	29.0	29.5	31.0	30.0	30.5	30.0	29.5	29.5	25.5	25.5	25.5
26	30.0	29.0	29.5	31.0	30.5	30.5	30.0	29.0	29.5	25.5	24.5	25.0
27	29.5	28.5	29.0	31.0	30.0	30.5	30.0	29.0	29.5	25.0	24.0	24.5
28	29.0	27.5	28.5	30.5	30.0	30.5	29.5	28.5	29.0	24.5	23.5	24.0
29	29.0	27.5	28.0	31.0	30.0	30.5	29.0	28.0	28.5	24.5	23.5	24.0
30	28.5	27.5	28.0	31.0	30.5	30.5	29.0	28.0	28.5	24.0	23.5	24.0
31	---	---	---	31.0	30.5	30.5	28.5	27.0	28.0	---	---	---
MONTH	30.0	23.5	26.0	31.5	26.5	29.5	31.0	27.0	30.0	27.0	23.0	25.0
YEAR	31.5	3.5	18.5									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	3.7	2.9	3.1	7.1	5.5	6.2	6.5	6.1	6.4	8.3	7.8	8.0
2	4.0	3.2	3.3	7.4	5.6	6.6	6.6	6.2	6.4	8.5	7.6	8.1
3	3.7	3.2	3.4	7.3	6.3	6.8	7.7	6.5	6.9	8.8	7.8	8.5
4	4.7	3.7	3.8	7.0	5.6	6.4	7.5	7.0	7.3	8.8	8.3	8.5
5	4.6	3.9	4.2	7.0	5.7	6.4	8.3	7.2	7.7	8.4	8.0	8.2
6	5.0	4.1	4.3	6.9	5.6	6.3	8.9	7.7	8.2	8.5	8.0	8.3
7	4.4	4.1	4.3	6.9	5.9	6.4	9.2	8.1	8.6	9.0	8.4	8.7
8	5.0	4.2	4.5	6.8	6.0	6.4	9.3	8.3	8.8	9.2	8.8	9.0
9	5.2	4.4	4.7	7.0	6.1	6.5	9.4	8.4	8.8	9.4	9.0	9.2
10	5.3	4.7	4.9	7.3	6.3	6.6	9.5	8.3	8.7	9.7	9.3	9.5
11	5.4	4.7	4.9	6.9	6.2	6.6	8.7	7.9	8.3	9.9	9.4	9.7
12	5.6	3.9	4.7	7.5	6.4	6.8	8.4	7.9	8.3	9.9	9.6	9.8
13	6.9	5.2	5.9	7.8	6.8	7.3	8.4	7.9	8.2	10.0	9.8	9.9
14	7.2	5.8	6.5	7.5	7.0	7.3	8.6	7.9	8.3	10.1	9.9	10.0
15	7.0	6.2	6.6	7.7	6.9	7.4	8.9	8.0	8.4	10.2	9.8	10.1
16	7.0	6.0	6.4	8.4	7.1	7.7	8.4	7.8	8.2	10.2	9.9	10.1
17	6.6	5.9	6.3	8.8	7.5	8.1	8.8	8.1	8.5	10.2	9.9	10.1
18	6.4	5.3	6.0	8.3	7.0	7.5	9.1	8.4	8.9	10.1	9.8	10.0
19	6.3	5.6	6.0	8.3	6.7	7.4	9.5	8.6	9.1	10.0	9.7	9.9
20	6.2	5.5	5.9	8.5	7.1	7.8	10.0	8.8	9.4	10.2	9.7	9.9
21	6.0	4.9	5.5	8.2	7.0	7.6	10.1	8.6	9.3	9.9	9.4	9.7
22	6.2	4.9	5.6	8.3	7.1	7.8	10.1	8.6	9.3	9.6	9.1	9.3
23	6.4	5.3	6.0	8.2	7.7	8.0	9.8	8.5	9.2	9.3	8.9	9.1
24	6.4	5.6	6.0	8.1	7.5	7.8	9.5	8.4	9.0	9.1	8.9	9.0
25	6.1	5.3	5.8	8.2	7.4	7.7	9.1	7.9	8.6	9.2	8.9	9.1
26	6.7	5.2	6.0	8.4	7.3	7.8	8.7	7.4	8.1	9.2	8.6	9.0
27	6.6	4.7	6.2	8.6	7.4	7.9	8.8	7.5	8.0	9.2	8.9	9.1
28	6.1	4.5	5.3	8.7	7.7	8.2	8.7	7.5	8.2	9.4	9.1	9.2
29	6.3	5.4	5.7	8.1	6.9	7.5	8.2	7.3	7.7	9.6	9.3	9.4
30	6.6	5.4	5.8	7.1	6.4	6.6	8.1	7.1	7.8	9.8	9.4	9.6
31	7.1	5.5	6.0	---	---	---	8.3	7.7	8.0	9.9	9.5	9.8
MONTH	7.2	2.9	5.3	8.8	5.5	7.2	10.1	6.1	8.3	10.2	7.6	9.3

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

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.8	4.7	5.1	4.9	4.3	4.6	4.9	4.5	4.7	4.4	2.9	3.8
2	5.7	4.1	4.9	5.1	4.4	4.7	4.9	4.3	4.6	4.2	3.3	3.6
3	5.7	4.6	5.1	5.0	4.5	4.7	4.8	4.2	4.5	4.1	3.0	3.4
4	5.9	3.4	5.3	5.2	4.6	4.8	4.8	4.2	4.4	3.7	2.9	3.2
5	5.8	4.4	5.2	5.4	4.7	5.0	4.6	4.1	4.3	3.7	2.8	3.3
6	5.4	3.4	4.8	5.5	4.9	5.1	4.6	4.1	4.2	3.7	2.6	3.3
7	5.3	4.4	4.9	5.4	4.9	5.1	4.6	4.2	4.4	4.0	3.0	3.6
8	5.4	3.1	4.8	5.3	4.8	5.0	4.6	4.4	4.6	4.0	2.8	3.5
9	5.7	4.3	5.0	5.3	4.8	5.0	---	---	---	---	---	---
10	5.8	4.3	5.2	5.3	4.5	5.0	---	---	---	---	---	---
11	5.7	4.8	5.2	5.3	4.8	5.1	---	---	---	---	---	---
12	5.6	4.6	5.1	5.3	4.8	5.1	4.8	4.6	4.6	---	---	---
13	5.6	4.7	5.1	5.4	5.0	5.2	5.0	4.5	4.7	---	---	---
14	5.4	4.2	4.9	5.4	4.9	5.1	5.0	4.8	4.8	---	---	---
15	5.2	4.5	4.8	5.3	4.7	4.9	4.8	4.1	4.5	---	---	---
16	5.5	3.3	4.6	5.2	4.6	4.8	4.3	4.0	4.2	---	---	---
17	5.6	4.5	5.1	5.2	4.6	4.9	4.4	4.2	4.3	---	---	---
18	5.3	3.9	4.9	5.7	4.8	5.1	4.5	4.0	4.3	---	---	---
19	5.3	4.3	4.9	5.8	4.8	5.3	4.0	3.6	3.8	---	---	---
20	5.3	3.9	4.7	5.4	4.7	5.1	4.0	3.5	3.7	---	---	---
21	5.3	4.0	4.5	5.3	4.8	5.1	4.4	3.8	4.1	---	---	---
22	4.5	4.1	4.4	5.3	4.8	5.1	---	---	---	---	---	---
23	---	---	---	5.2	4.8	5.0	---	---	---	4.0	3.6	3.8
24	---	---	---	5.1	4.4	4.9	4.5	3.8	4.0	4.3	3.5	3.8
25	---	---	---	5.0	4.7	4.9	4.3	2.8	3.8	4.0	3.1	3.8
26	---	---	---	5.0	4.6	4.8	4.1	3.0	3.7	4.8	3.8	4.1
27	---	---	---	5.0	4.4	4.7	4.1	3.3	3.8	5.5	4.2	4.6
28	---	---	---	4.9	4.5	4.7	4.5	3.1	4.0	5.2	4.3	4.7
29	---	---	---	4.8	4.4	4.6	4.5	2.8	4.0	4.7	4.0	4.4
30	4.6	4.2	4.4	4.8	4.4	4.6	4.2	3.0	3.8	4.4	3.9	4.1
31	---	---	---	4.8	4.4	4.6	4.1	3.4	3.8	---	---	---
MONTH	5.9	3.1	4.9	5.8	4.3	4.9	5.0	2.8	4.2	5.5	2.6	3.8
YEAR	10.3	2.6	6.6									

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, 200 microsiemens, July 19, 1988; 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, 12.1 mg/L, Jan. 20, 1988; minimum, 2.6 mg/L, Sept. 17, 18, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 200 microsiemens, July 19; minimum, 70 microsiemens, many days in several months.
pH: Maximum, 7.6 units, Oct. 13, 14; minimum, 5.6 units, July 21, 23, 24.
WATER TEMPERATURE: Maximum, 31.0°C, July 18, 19; minimum, 3.5°C, Jan. 16, 17.
DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 20; minimum, 2.9 mg/L, Aug. 23, 25.

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	100	70	94	120	110	114	90	80	87	99	88	93
2	90	70	82	120	110	112	90	80	87	100	79	90
3	100	80	88	110	100	105	90	80	84	100	81	90
4	100	80	90	110	90	103	100	90	93	101	81	91
5	100	90	96	110	90	101	90	80	87	93	82	88
6	110	90	100	110	90	97	90	80	85	93	83	87
7	110	90	102	100	90	94	90	80	85	94	84	84
8	110	90	100	100	90	95	90	80	85	85	84	85
9	110	90	102	100	90	98	90	80	87	96	85	87
10	110	100	107	100	90	99	90	80	85	87	77	86
11	110	100	109	100	90	100	90	80	85	88	77	87
12	120	100	110	110	100	100	90	80	85	89	78	86
13	110	110	110	110	100	102	90	80	85	90	79	87
14	120	110	114	110	100	104	90	80	86	90	80	87
15	120	110	115	110	100	105	100	80	88	90	80	86
16	139	109	118	110	100	104	90	80	88	90	80	87
17	148	109	120	110	100	106	90	80	89	90	80	87
18	168	78	119	110	90	101	100	80	89	90	80	85
19	177	117	128	100	90	95	100	90	91	90	80	87
20	166	107	127	100	90	95	100	80	91	90	80	89
21	156	116	128	100	90	93	100	80	91	90	80	89
22	175	115	127	100	90	96	101	90	95	90	80	90
23	175	114	126	100	90	97	101	91	93	90	80	90
24	144	114	123	100	90	98	102	91	95	100	80	88
25	133	113	122	100	90	96	103	92	95	90	80	88
26	163	122	128	100	90	96	94	83	89	90	80	85
27	192	122	135	100	90	96	94	84	87	90	80	83
28	132	121	129	100	90	95	95	85	87	90	80	84
29	141	110	126	100	80	88	97	86	89	90	80	84
30	120	110	115	90	80	83	97	87	92	90	80	85
31	120	110	113	---	---	---	98	88	94	90	80	84
MONTH	192	70	113	120	80	99	103	80	89	101	77	87

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, 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	90	80	85	93	81	86	108	97	99	90	80	88
2	90	70	83	91	80	85	107	96	99	100	80	90
3	90	80	85	90	80	85	105	94	96	100	80	90
4	90	80	86	90	80	86	104	83	95	90	80	89
5	90	80	86	90	80	84	102	82	91	90	80	87
6	90	80	85	90	80	88	100	90	93	90	80	85
7	90	80	85	100	80	90	100	90	96	100	90	91
8	90	80	88	100	80	90	100	90	97	100	90	97
9	90	80	90	100	90	93	110	90	97	110	100	102
10	90	80	89	100	90	93	100	90	99	100	100	100
11	90	80	87	110	90	96	100	90	98	100	90	94
12	100	80	90	110	100	103	100	90	96	100	90	92
13	90	80	87	110	90	96	100	90	94	100	90	94
14	100	80	90	90	80	85	100	90	94	100	90	97
15	100	90	91	90	80	84	100	90	96	100	90	99
16	100	80	90	80	70	79	100	80	91	110	90	101
17	90	80	90	80	70	78	90	80	87	110	100	103
18	90	80	87	90	80	80	90	80	86	110	90	101
19	90	80	87	90	80	82	90	80	80	110	90	99
20	90	80	88	90	80	83	90	70	80	100	90	97
21	100	80	89	90	80	83	90	70	80	110	100	105
22	100	80	92	90	80	82	90	70	80	120	100	110
23	100	90	97	106	70	88	90	80	85	120	110	113
24	100	90	93	109	90	99	90	80	85	120	100	111
25	90	80	89	105	89	96	90	80	86	120	110	111
26	90	80	89	107	96	99	90	80	88	120	110	111
27	99	87	94	106	84	97	90	80	87	120	110	111
28	106	86	97	103	92	97	90	80	83	120	100	111
29	104	83	93	110	91	100	90	80	86	120	110	114
30	---	---	---	110	100	105	90	80	87	120	110	117
31	---	---	---	110	99	104	---	---	---	120	110	115
MONTH	106	70	89	110	70	90	110	70	90	120	80	101

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	110	115	140	130	133	160	150	155	---	---	---
2	120	110	118	140	130	135	160	150	154	---	---	---
3	120	110	117	150	130	138	160	140	152	---	---	---
4	120	110	117	140	130	139	170	140	150	---	---	---
5	120	110	116	150	140	142	170	140	150	---	---	---
6	130	110	117	150	140	146	160	140	150	---	---	---
7	130	110	121	150	140	145	170	140	150	---	---	---
8	130	120	122	150	140	145	150	140	140	---	---	---
9	130	120	123	150	140	145	160	140	150	---	---	---
10	130	110	120	150	140	145	170	140	150	---	---	---
11	130	120	121	150	140	141	170	140	160	---	---	---
12	130	120	123	150	130	141	160	130	150	---	---	---
13	130	120	122	140	130	137	---	---	---	---	---	---
14	140	120	122	140	130	138	---	---	---	---	---	---
15	130	120	125	150	140	142	---	---	---	---	---	---
16	130	120	126	150	140	144	---	---	---	---	---	---
17	130	120	125	150	140	146	---	---	---	---	---	---
18	130	120	126	150	140	150	---	---	---	---	---	---
19	150	120	130	200	150	166	---	---	---	---	---	---
20	140	120	128	170	160	166	---	---	---	---	---	---
21	130	120	127	170	150	163	---	---	---	---	---	---
22	140	120	130	170	150	162	---	---	---	110	80	85
23	140	130	132	170	150	158	---	---	---	120	80	95
24	140	130	134	160	140	153	---	---	---	120	80	95
25	140	130	134	160	150	153	---	---	---	110	90	96
26	140	130	135	160	150	153	---	---	---	100	80	90
27	140	130	134	160	150	155	---	---	---	110	80	91
28	140	130	134	170	150	161	---	---	---	130	80	98
29	140	130	134	170	150	163	---	---	---	110	80	98
30	140	130	132	170	150	157	---	---	---	130	90	105
31	---	---	---	160	150	159	---	---	---	---	---	---
MONTH	150	110	125	200	130	149	170	130	151	130	80	95
YEAR	200	70	105									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

YEAR MAXIMUM 7.6 MINIMUM 5.6

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

TEMPERATURE (°C) OF WATER, 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	23.5	23.0	23.0	16.5	16.0	16.5	14.0	13.5	14.0	11.0	10.5	11.0
2	23.0	22.5	23.0	16.5	16.0	16.5	13.5	11.5	12.5	11.0	10.0	10.5
3	23.0	22.0	22.5	17.5	16.5	17.0	12.5	10.5	12.0	10.5	9.5	10.0
4	22.0	21.5	22.0	17.5	17.0	17.0	12.5	10.5	12.0	9.5	8.5	9.0
5	21.5	21.0	21.0	18.0	17.5	17.5	11.5	10.5	11.0	9.0	8.5	9.0
6	21.0	20.5	21.0	17.5	17.0	17.5	11.0	10.0	10.5	9.0	8.0	8.5
7	21.0	20.5	20.5	17.0	17.0	17.0	10.5	10.0	10.0	8.0	6.5	7.5
8	20.5	20.0	20.5	17.0	16.5	17.0	10.0	9.5	10.0	7.0	6.0	6.5
9	20.0	19.5	20.0	17.5	17.0	17.0	10.5	10.0	10.0	6.0	5.0	5.5
10	20.0	19.5	20.0	17.5	17.0	17.5	11.0	10.0	10.5	5.0	5.0	5.0
11	20.0	19.5	20.0	17.5	16.0	17.0	11.0	10.5	11.0	4.5	4.0	4.0
12	20.0	19.0	19.5	16.0	15.5	16.0	11.5	10.0	11.0	4.5	4.0	4.0
13	19.0	18.5	19.0	15.5	15.5	15.5	11.5	10.5	11.5	4.5	4.0	4.0
14	18.5	18.0	18.5	15.5	15.0	15.5	11.5	11.0	11.5	4.5	4.0	4.0
15	18.5	18.0	18.0	15.0	15.0	15.0	12.0	11.0	11.5	4.5	4.0	4.0
16	18.0	17.5	18.0	15.0	14.5	14.5	12.0	11.0	11.5	4.0	3.5	3.5
17	18.0	18.0	18.0	15.0	14.5	14.5	11.5	11.0	11.5	4.0	3.5	4.0
18	18.5	18.0	18.5	15.0	14.0	14.5	11.0	10.5	11.0	4.5	4.0	4.5
19	18.5	18.0	18.5	15.0	14.5	15.0	10.5	10.0	10.0	5.5	5.0	5.0
20	19.0	18.5	18.5	15.0	14.5	15.0	10.5	9.5	10.0	7.0	5.5	6.5
21	19.0	18.5	19.0	14.5	13.5	14.5	10.5	10.0	10.5	7.5	6.5	7.0
22	19.0	18.5	18.5	14.0	13.0	13.5	10.5	10.0	10.5	8.5	6.5	7.0
23	18.0	17.5	18.0	13.5	12.0	13.0	10.5	10.0	10.5	7.5	6.5	7.0
24	18.5	17.5	18.0	13.5	12.0	13.0	10.5	10.0	10.5	7.0	5.5	6.5
25	18.5	18.0	18.0	13.0	13.0	13.0	11.5	10.5	11.0	6.5	5.5	6.0
26	18.5	18.0	18.0	13.5	13.0	13.0	12.0	11.5	11.5	7.0	6.0	6.5
27	18.0	17.5	18.0	13.5	13.0	13.5	12.0	12.0	12.0	7.0	6.0	6.5
28	18.0	17.5	17.5	14.5	13.5	14.0	12.5	12.0	12.5	6.0	5.5	6.0
29	17.5	17.0	17.0	15.0	14.0	14.5	12.0	11.5	12.0	6.0	5.5	6.0
30	17.0	16.0	17.0	14.5	14.0	14.5	11.5	11.5	11.5	6.5	6.0	6.5
31	16.5	15.5	16.5	---	---	---	11.5	11.0	11.0	7.5	6.5	7.0
MONTH	23.5	15.5	19.0	18.0	12.0	15.5	14.0	9.5	11.0	11.0	3.5	6.5

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

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

TEMPERATURE (°C) OF WATER, 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	25.5	24.5	25.0	29.0	28.0	28.5	30.0	29.5	30.0	27.5	26.5	27.0
2	26.0	25.0	25.5	28.5	28.0	28.5	30.0	29.5	30.0	26.5	26.0	26.5
3	26.0	25.5	26.0	28.0	27.5	28.0	30.0	29.5	30.0	26.5	26.0	26.5
4	25.5	25.0	25.5	28.0	27.5	27.5	30.0	29.5	30.0	26.5	26.5	26.5
5	26.0	25.0	25.5	28.0	27.0	27.5	30.0	29.5	30.0	26.0	25.5	26.0
6	26.0	25.0	25.5	27.5	27.0	27.5	30.0	29.5	30.0	25.5	25.0	25.5
7	26.5	25.5	26.0	27.5	27.0	27.5	30.0	29.5	30.0	25.5	25.0	25.0
8	27.0	26.0	26.5	27.5	27.0	27.5	30.0	29.0	29.5	25.0	24.0	24.5
9	27.5	26.5	27.0	27.5	27.0	27.0	29.5	29.0	29.5	24.0	23.5	24.0
10	27.0	26.0	26.5	27.5	27.0	27.0	29.5	29.0	29.5	23.5	23.0	23.5
11	26.5	25.5	26.0	28.0	27.0	27.5	29.5	28.5	29.5	24.0	23.5	23.5
12	26.5	25.5	26.0	28.0	27.5	27.5	29.5	29.0	29.5	24.0	23.5	24.0
13	26.0	25.5	26.0	28.5	27.5	28.0	30.0	29.0	29.5	24.5	23.5	24.0
14	26.0	25.5	26.0	29.0	27.5	28.0	29.5	29.0	29.5	24.5	24.0	24.0
15	26.5	25.5	26.0	29.5	28.5	29.0	29.5	29.0	29.5	24.5	24.0	24.5
16	26.5	25.5	26.0	30.0	29.0	29.5	29.0	28.5	29.0	24.5	24.0	24.5
17	27.0	26.0	26.5	30.5	29.5	30.0	29.5	28.5	29.0	24.5	24.0	24.0
18	27.0	26.5	27.0	31.0	30.0	30.5	30.0	28.5	29.5	24.0	23.5	24.0
19	27.5	27.0	27.0	31.0	30.5	30.5	30.0	29.0	29.5	24.0	23.5	23.5
20	28.0	27.5	27.5	30.5	30.5	30.5	30.0	29.5	29.5	24.0	23.5	24.0
21	28.5	27.5	28.0	30.5	30.0	30.5	30.0	29.5	29.5	24.5	24.0	24.5
22	29.0	28.0	28.5	30.0	30.0	30.0	30.5	29.5	30.0	24.5	24.0	24.5
23	29.5	28.5	29.0	30.0	29.5	30.0	30.5	29.5	30.0	25.0	24.5	24.5
24	30.0	29.0	29.5	30.0	28.5	29.5	30.0	29.5	30.0	25.0	24.5	25.0
25	30.0	29.5	29.5	30.0	29.0	30.0	30.0	29.5	29.5	25.0	25.0	25.0
26	30.5	29.5	30.0	30.0	29.5	30.0	30.0	29.5	29.5	25.0	24.5	25.0
27	30.0	29.5	29.5	30.0	29.5	30.0	29.5	29.5	29.5	24.5	24.0	24.5
28	29.5	29.0	29.0	30.0	29.5	29.5	29.5	28.5	29.0	24.5	24.0	24.0
29	29.5	28.5	29.0	30.0	29.0	29.5	29.0	28.5	28.5	24.5	23.5	24.0
30	29.0	28.5	29.0	30.0	29.5	30.0	28.5	28.0	28.5	24.0	23.5	24.0
31	---	---	---	30.0	29.5	30.0	28.5	27.5	28.0	---	---	---
MONTH	30.5	24.5	27.0	31.0	27.0	29.0	30.5	27.5	29.5	27.5	23.0	24.5
YEAR	31.0	3.5	19.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	4.2	3.5	3.9	7.9	7.4	7.7	8.1	7.6	7.9	9.3	8.9	9.1
2	4.4	3.9	4.2	7.9	7.6	7.8	8.5	7.8	8.2	9.4	9.1	9.2
3	4.8	4.3	4.5	7.8	7.4	7.6	8.8	8.2	8.6	9.5	9.2	9.3
4	4.9	4.2	4.7	7.6	7.3	7.5	8.8	8.5	8.6	9.4	8.9	9.1
5	5.3	4.7	5.1	7.5	7.1	7.3	8.7	8.2	8.5	9.1	8.9	9.0
6	5.8	5.1	5.5	7.3	7.0	7.2	8.9	8.5	8.7	9.0	8.6	8.9
7	5.8	5.5	5.7	7.3	7.0	7.2	9.1	8.9	9.0	9.5	8.8	9.1
8	6.0	5.5	5.8	7.2	7.0	7.1	9.2	9.0	9.1	9.7	9.2	9.5
9	6.2	5.7	6.0	7.3	7.0	7.2	9.3	8.9	9.1	10.1	9.6	9.8
10	6.5	6.1	6.3	7.4	6.9	7.2	9.4	9.1	9.3	11.6	9.6	10.6
11	6.6	6.3	6.4	7.4	6.9	7.2	9.6	9.0	9.4	11.2	10.6	10.8
12	6.7	6.4	6.6	7.5	7.0	7.3	9.4	9.0	9.2	10.7	10.2	10.5
13	7.1	6.7	6.9	7.7	7.2	7.5	9.3	9.0	9.1	10.7	10.2	10.6
14	7.1	6.9	7.0	7.7	7.2	7.5	9.3	8.9	9.1	10.9	10.6	10.7
15	7.1	6.8	6.9	7.9	7.4	7.7	9.8	9.1	9.3	11.0	10.6	10.8
16	7.0	6.5	6.8	8.4	7.7	8.1	9.5	9.1	9.4	11.1	10.6	10.9
17	6.9	6.7	6.8	8.7	8.2	8.5	9.4	8.9	9.2	11.2	10.7	11.0
18	6.8	6.6	6.7	8.8	8.4	8.7	9.4	9.1	9.3	11.1	10.9	11.0
19	6.7	6.5	6.6	8.9	8.5	8.7	10.0	9.3	9.6	11.1	10.8	10.9
20	6.6	6.4	6.5	8.7	8.3	8.5	10.1	9.8	10.0	12.1	10.7	11.2
21	6.5	6.3	6.4	8.8	8.4	8.6	10.2	9.8	10.0	11.7	10.6	11.0
22	6.7	6.3	6.6	8.9	8.4	8.7	10.0	9.4	9.7	10.8	10.1	10.5
23	6.8	6.5	6.7	8.7	8.4	8.6	9.7	9.3	9.5	10.5	9.8	10.1
24	6.8	6.5	6.7	8.8	8.4	8.6	9.5	9.2	9.4	10.1	9.7	9.9
25	6.8	6.5	6.7	8.9	8.5	8.7	9.3	9.1	9.2	9.9	9.6	9.8
26	7.0	6.6	6.8	9.0	8.7	8.8	9.3	9.0	9.2	9.7	9.3	9.5
27	6.9	6.5	6.7	9.1	8.6	8.9	9.3	8.9	9.1	9.9	9.1	9.5
28	6.9	6.4	6.7	9.1	8.3	8.8	9.0	8.7	8.9	9.9	9.4	9.7
29	6.9	6.6	6.8	8.8	7.8	8.5	9.2	8.6	8.9	10.1	9.5	9.9
30	7.3	6.8	7.0	8.6	7.9	8.2	8.8	8.5	8.7	10.3	9.9	10.1
31	7.5	7.0	7.3	---	---	---	9.0	8.6	8.8	10.3	10.1	10.2
MONTH	7.5	3.5	6.2	9.1	6.9	8.0	10.2	7.6	9.1	12.1	8.6	10.1

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	6.0	5.7	5.8	5.4	5.0	5.2	5.3	5.0	5.2	4.4	4.0	4.2
2	5.8	5.6	5.7	5.4	5.0	5.3	5.3	5.0	5.1	4.7	4.1	4.4
3	5.8	5.4	5.6	5.4	5.1	5.2	5.1	4.8	5.0	4.5	4.0	4.3
4	5.9	5.6	5.7	5.4	4.8	5.2	5.2	4.6	5.0	4.6	3.9	4.3
5	5.8	5.4	5.7	5.6	5.1	5.4	5.3	4.9	5.1	4.3	3.5	4.0
6	5.7	5.3	5.6	5.9	5.3	5.6	5.2	4.9	5.0	3.8	3.2	3.6
7	5.6	5.3	5.5	6.0	5.6	5.8	4.9	4.6	4.8	4.0	3.4	3.7
8	5.6	5.2	5.4	6.1	5.5	5.8	4.5	4.2	4.4	4.1	3.6	3.9
9	5.8	5.1	5.5	6.1	5.5	5.9	4.3	4.1	4.2	4.5	3.8	4.2
10	5.8	5.5	5.7	6.1	5.6	5.9	4.5	4.1	4.3	4.5	4.1	4.3
11	5.8	5.3	5.6	6.0	5.4	5.8	4.5	4.2	4.3	4.5	4.1	4.3
12	5.8	5.3	5.6	6.0	5.6	5.8	4.5	4.2	4.4	4.6	3.7	4.3
13	5.7	5.3	5.6	6.1	5.6	5.8	4.6	4.3	4.4	4.6	3.8	4.3
14	5.8	5.4	5.6	5.9	5.3	5.8	4.6	4.3	4.5	4.6	4.0	4.4
15	5.9	5.5	5.7	5.9	5.2	5.7	4.6	4.2	4.5	4.5	4.0	4.2
16	6.0	5.5	5.7	6.0	5.5	5.7	4.6	4.0	4.4	4.6	3.9	4.3
17	5.9	5.5	5.8	6.7	5.6	6.0	4.6	4.4	4.4	4.5	3.8	4.3
18	5.9	5.5	5.7	7.3	5.9	6.6	4.4	4.2	4.3	4.7	4.1	4.4
19	5.8	5.5	5.7	7.2	6.5	6.8	4.4	4.2	4.3	4.9	4.2	4.6
20	5.8	5.5	5.6	6.8	6.3	6.6	4.5	4.2	4.3	4.3	4.0	4.2
21	5.8	5.4	5.6	6.3	5.7	6.1	4.5	4.3	4.4	4.3	3.9	4.1
22	5.7	5.3	5.6	5.9	5.4	5.7	4.4	3.4	4.1	4.6	4.0	4.3
23	5.7	5.2	5.5	5.4	5.2	5.3	4.1	2.9	3.7	4.6	4.1	4.4
24	5.6	5.3	5.4	5.5	5.1	5.3	4.2	3.0	3.6	4.6	4.1	4.3
25	5.7	5.2	5.4	5.5	5.1	5.3	4.2	2.9	3.7	4.6	4.1	4.4
26	5.6	5.2	5.4	5.3	5.1	5.2	4.3	3.2	3.8	4.8	4.3	4.5
27	5.5	5.1	5.3	5.7	5.0	5.3	4.2	3.5	3.9	4.9	4.3	4.6
28	5.5	4.9	5.3	5.6	5.1	5.4	4.5	3.6	4.1	5.0	4.5	4.8
29	5.6	5.0	5.3	5.5	5.2	5.4	4.5	4.0	4.3	5.1	4.5	4.8
30	5.4	5.1	5.3	5.5	5.2	5.3	4.4	3.6	4.1	5.0	4.4	4.7
31	---	---	---	5.3	4.9	5.2	4.3	3.7	4.1	---	---	---
MONTH	6.0	4.9	5.6	7.3	4.8	5.7	5.3	2.9	4.4	5.1	3.2	4.3
YEAR	12.1	2.9	7.0									

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, 6100 microsiemens, Oct. 16; minimum, 70 microsiemens, Dec. 11.
pH: Maximum, 7.5 units, July 21; minimum, 4.8 units, Apr. 22, 23, 26-28.
WATER TEMPERATURE: Maximum, 31.5°C, July 17, 18; minimum 2.5°C, Jan 12-17.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 18-20, Feb. 15; minimum, 3.0 mg/L, Aug. 26, 27.

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	100	90	97	120	100	110	91	80	85	100	90	97
2	101	90	94	120	100	113	90	79	87	100	90	96
3	97	85	92	130	100	116	89	78	81	100	90	94
4	103	80	94	130	110	116	98	78	87	100	80	91
5	108	85	98	140	110	118	96	86	87	100	80	90
6	110	98	102	130	100	115	86	75	84	100	90	92
7	110	100	105	120	100	111	85	74	82	100	90	90
8	110	100	103	110	100	104	84	74	83	90	80	87
9	110	90	102	110	100	101	83	72	80	90	80	86
10	110	100	107	110	100	104	82	71	79	90	80	88
11	120	100	110	110	100	106	100	70	85	90	80	86
12	110	100	108	120	110	111	100	90	99	90	80	84
13	120	100	109	120	110	111	100	90	98	90	80	84
14	3410	100	374	120	110	113	100	90	97	90	80	83
15	5080	110	896	120	110	114	100	90	97	90	80	84
16	6100	130	1270	120	110	114	100	90	99	90	80	88
17	5100	140	1230	120	110	115	110	100	102	90	80	87
18	4760	140	907	120	110	110	110	100	103	90	80	88
19	4810	160	1250	110	99	106	110	100	104	90	80	85
20	3800	190	1050	109	98	103	110	100	103	90	80	87
21	3440	180	763	108	97	103	110	100	103	90	80	85
22	3280	130	684	107	97	104	110	100	106	90	80	89
23	1420	140	414	107	96	103	110	100	108	90	80	89
24	1040	130	282	106	95	104	110	100	103	90	80	89
25	390	130	187	105	95	103	110	100	102	90	80	88
26	2530	130	436	105	94	100	110	90	100	90	80	85
27	4840	150	888	104	93	97	100	90	97	90	80	86
28	590	120	222	103	92	96	100	90	94	90	80	84
29	450	120	190	102	82	91	100	90	95	90	80	83
30	190	110	137	92	81	87	100	90	98	90	80	83
31	120	100	111	---	---	---	100	90	100	90	80	82
MONTH	6100	80	407	140	81	107	110	70	94	100	80	87

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, 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	90	80	82	106	92	96	100	90	96	100	90	95
2	91	80	84	102	90	92	100	90	97	100	90	94
3	91	81	84	100	90	93	100	90	97	100	90	96
4	93	82	87	100	90	91	100	90	95	100	90	94
5	93	83	90	100	90	93	100	90	94	100	90	92
6	94	84	91	100	90	96	100	90	94	100	90	92
7	95	85	92	100	90	96	100	90	98	100	90	92
8	96	96	96	100	90	98	110	90	101	100	90	96
9	107	87	95	100	90	99	110	100	103	110	90	102
10	98	88	97	100	90	96	110	100	104	110	100	103
11	99	89	97	100	90	95	110	100	102	110	100	101
12	100	90	99	100	90	93	110	90	103	110	100	101
13	110	90	100	100	90	93	100	90	95	100	90	99
14	110	90	99	100	90	92	100	90	95	100	90	98
15	100	90	99	100	90	94	100	90	97	110	100	100
16	100	90	100	100	80	90	100	90	97	110	100	103
17	100	90	99	90	80	88	100	80	93	110	100	103
18	100	90	96	90	80	88	90	80	88	110	100	104
19	100	90	96	90	80	89	90	80	87	110	100	104
20	100	90	95	100	80	91	90	80	85	110	100	101
21	100	90	96	100	80	91	90	80	84	110	100	104
22	100	90	99	100	90	91	90	80	83	120	100	109
23	110	100	102	90	80	88	90	80	87	120	110	113
24	110	100	102	90	80	87	90	80	88	120	110	116
25	110	100	101	90	80	84	100	90	91	120	110	116
26	109	90	102	90	80	87	100	90	91	120	110	116
27	118	94	104	90	80	88	100	90	92	120	110	116
28	110	92	102	90	80	88	100	80	90	120	110	116
29	110	88	100	100	80	91	90	80	89	120	110	118
30	---	---	---	100	90	95	100	90	95	120	110	118
31	---	---	---	100	90	99	---	---	---	120	110	120
MONTH	118	80	96	106	80	92	110	80	94	120	90	104

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	120	120	350	150	189	170	140	155	150	140	144
2	130	110	120	960	150	245	180	150	153	150	130	142
3	130	110	123	620	150	227	170	140	154	140	120	134
4	140	120	125	350	150	197	170	140	147	130	110	122
5	140	120	123	290	150	185	150	130	139	120	110	114
6	130	120	122	210	160	173	160	130	140	120	100	109
7	130	120	122	270	160	177	160	130	138	110	100	110
8	130	120	125	310	160	197	140	130	137	120	110	114
9	130	120	125	180	160	167	150	130	134	140	110	120
10	130	120	130	180	160	166	150	130	136	150	100	117
11	130	120	128	190	160	171	160	130	136	140	100	108
12	130	120	129	190	160	168	140	130	134	110	90	101
13	130	120	128	180	160	165	140	130	132	100	90	97
14	130	120	128	170	160	161	140	130	131	100	90	93
15	130	120	129	180	160	166	140	120	129	100	90	93
16	140	120	130	170	160	160	130	120	124	100	90	94
17	140	130	131	190	160	171	150	120	127	100	90	94
18	140	130	130	190	160	174	130	120	127	100	90	92
19	140	130	130	200	160	179	140	120	128	110	90	100
20	140	120	133	190	160	175	140	120	129	109	99	105
21	140	130	135	190	160	171	160	120	132	109	98	106
22	140	130	131	190	160	171	350	130	158	107	97	103
23	140	130	135	180	150	168	2600	130	322	107	96	105
24	140	130	136	190	150	170	1480	140	289	116	96	106
25	290	130	152	210	150	171	530	140	209	115	104	107
26	200	140	153	310	150	179	290	140	173	104	93	101
27	220	130	153	240	150	173	240	140	176	113	93	102
28	920	140	202	220	150	170	220	140	176	112	92	102
29	470	140	202	200	150	170	1180	140	201	111	101	104
30	440	150	188	190	150	172	150	140	145	111	100	105
31	---	---	---	200	150	165	150	140	145	---	---	---
MONTH	920	110	137	960	150	177	2600	120	157	150	90	108
YEAR	6100	70	139									

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

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

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

TEMPERATURE (°C) OF WATER, 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	23.5	23.0	23.5	17.0	16.5	17.0	13.0	12.5	13.0	10.5	10.0	10.0
2	23.5	23.0	23.0	17.0	16.5	17.0	12.5	12.0	12.5	10.0	9.5	10.0
3	23.0	22.5	23.0	17.5	16.5	17.0	12.0	11.5	12.0	9.5	8.5	9.0
4	22.5	22.0	22.0	17.5	16.5	17.0	11.5	11.0	11.5	8.5	7.5	8.0
5	22.0	21.5	21.5	18.0	17.0	17.5	11.0	10.5	10.5	8.0	6.5	7.0
6	21.5	20.5	21.0	17.5	16.5	17.0	10.5	10.0	10.0	7.5	7.0	7.5
7	21.0	20.0	20.5	17.0	16.0	16.5	10.0	9.0	9.5	7.0	6.0	6.5
8	20.5	20.0	20.0	17.0	16.0	16.5	9.5	9.0	9.0	6.0	5.0	5.5
9	20.5	19.0	19.5	17.0	16.5	16.5	10.0	9.0	9.5	5.0	4.0	4.5
10	20.0	19.5	19.5	17.5	16.5	17.0	10.5	9.5	10.0	4.0	3.0	3.5
11	20.0	20.0	20.0	17.0	15.5	16.5	10.5	10.0	10.5	3.0	3.0	3.0
12	20.0	19.5	19.5	16.0	15.0	15.5	11.0	10.0	10.5	3.5	2.5	3.0
13	19.5	18.5	19.0	15.5	14.5	15.0	11.0	10.5	11.0	3.5	2.5	3.0
14	19.0	18.0	18.5	15.0	14.5	14.5	11.5	10.5	11.0	3.5	2.5	3.0
15	18.5	18.0	18.0	14.5	14.5	14.5	11.5	11.0	11.5	3.0	2.5	3.0
16	18.5	18.0	18.0	14.5	14.0	14.5	11.5	11.0	11.5	3.0	2.5	3.0
17	18.5	18.0	18.0	14.5	13.5	14.5	11.0	10.5	10.5	3.0	2.5	3.0
18	18.5	18.0	18.5	14.5	14.0	14.0	10.5	10.0	10.5	4.0	3.0	3.5
19	19.0	18.0	18.5	14.0	13.5	14.0	10.0	9.5	9.5	5.0	4.0	4.5
20	19.0	18.5	19.0	14.5	14.0	14.0	10.0	9.0	9.5	6.5	4.5	5.5
21	19.5	19.0	19.0	14.0	13.0	13.5	10.0	9.5	9.5	7.0	6.5	6.5
22	19.0	18.5	18.5	13.0	12.5	13.0	10.0	9.5	9.5	7.5	6.0	7.0
23	18.5	18.0	18.0	13.0	12.0	12.5	10.0	9.5	9.5	7.0	6.5	7.0
24	18.5	18.0	18.0	12.5	12.0	12.5	10.0	9.5	10.0	7.0	6.5	6.5
25	18.5	18.0	18.5	12.5	12.0	12.5	11.0	10.0	10.5	6.5	6.5	6.5
26	18.5	18.0	18.5	13.0	12.0	12.5	11.5	10.5	11.0	7.0	6.0	6.5
27	18.5	18.0	18.0	13.0	12.5	12.5	11.5	11.0	11.5	6.5	5.5	6.0
28	18.0	17.5	18.0	13.5	12.5	13.0	11.5	11.5	11.5	6.0	4.0	6.0
29	18.0	17.5	17.5	13.5	13.0	13.5	11.5	10.5	11.5	6.0	3.0	5.0
30	17.5	17.0	17.5	13.5	13.0	13.5	11.0	9.0	10.5	6.5	5.0	6.0
31	17.5	17.0	17.0	---	---	---	10.5	10.0	10.5	7.5	6.5	7.0
MONTH	23.5	17.0	19.5	18.0	12.0	15.0	13.0	9.0	10.5	10.5	2.5	5.5

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

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

TEMPERATURE (°C) OF WATER, 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	25.0	24.0	24.5	28.0	27.5	28.0	30.5	30.0	30.0	27.5	26.5	27.0
2	25.5	24.5	25.0	28.0	27.5	27.5	30.5	30.0	30.0	27.0	26.5	26.5
3	26.0	25.0	25.5	27.5	27.0	27.5	30.5	30.0	30.0	26.5	26.0	26.5
4	25.0	24.5	25.0	27.0	27.0	27.0	30.5	30.0	30.0	26.5	26.5	26.5
5	25.0	24.0	24.5	27.0	26.5	27.0	30.5	30.0	30.0	26.5	26.0	26.0
6	25.0	24.0	24.5	27.0	26.5	27.0	30.5	29.5	30.0	26.0	25.5	25.5
7	25.5	24.5	25.0	27.5	26.5	27.0	30.5	30.0	30.0	25.5	25.0	25.0
8	26.5	25.5	26.0	27.5	27.0	27.0	30.5	30.0	30.0	25.0	24.0	24.5
9	26.5	26.0	26.5	28.0	27.0	27.5	30.5	29.5	30.0	24.0	23.5	24.0
10	26.5	25.5	26.0	28.0	27.5	28.0	30.0	29.5	29.5	24.0	23.5	23.5
11	25.5	25.0	25.5	28.5	28.0	28.0	30.0	29.5	30.0	24.0	23.5	24.0
12	25.5	25.0	25.5	28.5	28.0	28.5	30.5	29.5	30.0	24.5	23.5	24.0
13	26.0	25.0	25.5	29.0	28.0	28.5	30.5	29.5	30.0	25.0	23.5	24.0
14	26.5	25.0	25.5	29.0	28.5	29.0	30.5	29.5	30.0	25.0	24.0	24.5
15	26.5	25.0	26.0	30.5	29.0	29.5	30.0	29.5	29.5	24.5	24.5	24.5
16	27.0	25.5	26.0	30.5	29.5	30.0	30.0	29.0	29.5	24.5	24.0	24.5
17	27.0	25.5	26.0	31.5	30.0	30.5	30.5	29.0	29.5	24.5	24.0	24.0
18	27.0	26.0	26.5	31.5	30.5	31.0	30.0	29.5	29.5	24.0	23.5	23.5
19	27.0	26.0	26.5	31.0	30.5	31.0	30.5	29.5	30.0	24.0	23.5	24.0
20	27.5	26.5	27.0	31.0	30.5	30.5	30.5	30.0	30.0	24.5	24.0	24.0
21	28.0	27.0	27.5	30.5	30.5	30.5	30.5	30.0	30.0	24.5	24.0	24.5
22	28.5	27.5	28.0	30.5	30.0	30.0	30.5	29.5	30.0	25.0	24.5	24.5
23	29.0	28.0	28.5	30.0	30.0	30.0	30.0	29.5	29.5	25.0	24.5	24.5
24	29.5	28.5	29.0	30.5	29.5	30.0	30.0	29.0	29.5	25.5	24.5	25.0
25	29.5	28.5	29.0	30.5	29.5	30.0	30.0	29.0	29.5	25.5	25.0	25.0
26	29.5	29.0	29.0	30.5	30.0	30.0	30.0	29.0	29.5	25.0	24.5	25.0
27	29.0	28.5	29.0	30.5	30.0	30.0	29.5	29.5	29.5	25.0	24.5	24.5
28	29.0	28.0	28.5	30.0	30.0	30.0	29.0	28.5	29.0	24.5	24.0	24.5
29	28.5	28.0	28.5	30.5	29.5	30.0	29.0	28.5	28.5	24.5	24.0	24.0
30	28.0	28.0	28.0	30.5	29.5	30.0	28.5	28.5	28.5	24.5	24.0	24.0
31	---	---	---	30.5	30.0	30.0	28.5	27.5	28.0	---	---	---
MONTH	29.5	24.0	26.5	31.5	26.5	29.0	30.5	27.5	29.5	27.5	23.5	24.5
YEAR	31.5	2.5	18.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	3.9	3.3	3.6	7.5	6.8	7.2	7.0	6.4	6.8	8.7	7.8	8.2
2	4.2	3.7	3.9	7.6	7.2	7.4	7.2	6.6	6.9	9.1	8.2	8.5
3	4.7	3.9	4.3	7.7	7.1	7.5	7.5	6.8	7.2	9.0	8.3	8.7
4	5.0	4.6	4.8	7.4	6.9	7.2	7.6	7.1	7.4	8.8	8.0	8.6
5	5.2	4.6	5.0	7.3	6.4	7.0	7.7	7.2	7.5	8.8	8.0	8.5
6	5.7	4.9	5.3	7.0	6.4	6.8	7.9	7.3	7.6	8.8	8.1	8.5
7	5.8	5.2	5.6	7.1	6.1	6.9	8.2	7.6	7.9	9.4	8.5	8.8
8	6.0	5.6	5.8	7.2	6.5	7.0	8.5	8.0	8.2	9.3	8.5	9.1
9	6.2	5.8	6.1	7.3	6.6	7.0	8.5	8.0	8.3	9.8	9.0	9.4
10	6.3	5.8	6.2	7.5	6.7	7.1	8.8	8.0	8.5	10.0	9.1	9.6
11	6.5	5.9	6.3	7.5	6.6	7.2	9.6	8.3	9.0	10.1	9.5	9.9
12	6.7	6.1	6.5	7.5	6.8	7.2	9.7	8.5	9.1	10.4	9.7	10.1
13	7.1	6.6	6.9	7.4	6.6	7.2	9.5	8.4	9.1	10.3	9.7	10.1
14	7.2	6.7	7.0	7.4	6.6	7.2	9.4	8.4	9.0	10.5	10.0	10.3
15	7.1	6.7	6.9	7.7	6.6	7.2	9.5	7.3	8.5	10.8	10.2	10.5
16	7.1	6.7	6.9	7.6	7.0	7.3	8.7	7.4	8.2	11.0	10.4	10.7
17	6.9	6.6	6.7	8.0	7.2	7.6	8.6	7.2	7.9	11.2	10.7	11.0
18	6.9	6.4	6.7	8.0	7.3	7.6	8.8	7.4	8.2	11.4	10.9	11.1
19	6.8	6.5	6.6	7.9	7.4	7.7	9.0	7.7	8.3	11.4	10.9	11.2
20	6.7	6.3	6.5	7.7	7.2	7.6	9.5	8.2	9.0	11.4	10.9	11.2
21	6.6	6.3	6.5	7.8	7.3	7.5	9.6	8.4	9.1	11.1	10.4	10.8
22	6.8	6.5	6.7	7.9	7.2	7.6	9.7	7.8	8.9	10.6	10.2	10.4
23	6.8	6.6	6.7	7.7	7.1	7.5	9.2	7.9	8.6	10.2	9.9	10.1
24	6.8	6.5	6.7	7.7	7.1	7.4	9.3	7.9	8.5	10.0	9.5	9.8
25	6.7	6.5	6.7	7.7	7.1	7.4	8.9	7.6	8.3	9.9	9.3	9.7
26	7.0	6.6	6.8	7.6	7.1	7.3	8.9	7.7	8.2	9.5	9.2	9.4
27	7.1	6.3	6.7	7.7	6.9	7.4	9.0	7.8	8.3	9.9	8.7	9.3
28	6.6	6.2	6.4	7.7	7.1	7.5	8.7	7.6	8.1	10.2	8.8	9.6
29	6.6	6.1	6.3	7.4	6.9	7.2	8.5	7.7	8.1	10.2	9.0	9.8
30	6.7	6.1	6.4	7.7	6.8	7.1	8.5	7.7	8.1	10.7	9.4	10.1
31	7.0	6.6	6.8	---	---	---	8.4	7.4	7.9	10.7	9.1	10.1
MONTH	7.2	3.3	6.1	8.0	6.1	7.3	9.7	6.4	8.2	11.4	7.8	9.8

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.6	5.6	6.2	4.5	3.9	4.1	4.7	3.8	4.3	4.8	3.7	4.2
2	6.1	5.5	5.8	4.5	3.9	4.2	4.7	3.4	4.2	4.6	3.2	4.0
3	5.9	4.6	5.5	4.5	3.7	4.2	4.6	3.6	4.0	4.8	4.0	4.4
4	5.9	5.1	5.6	4.5	3.7	4.2	4.8	3.8	4.1	4.8	3.7	4.4
5	6.1	5.1	5.5	5.5	3.9	4.4	4.7	3.6	4.2	5.0	4.3	4.5
6	5.7	4.2	5.0	5.4	3.5	4.5	4.7	3.7	4.3	4.4	3.4	4.1
7	5.8	4.5	5.3	5.3	3.4	4.4	4.6	3.9	4.3	4.8	3.5	4.2
8	5.5	5.2	5.3	5.2	3.6	4.6	4.3	3.7	4.0	4.4	3.8	4.1
9	5.5	5.0	5.3	5.6	3.6	4.9	4.0	3.5	3.8	4.6	4.0	4.3
10	5.5	5.2	5.4	5.3	4.7	5.0	4.1	3.3	3.8	4.6	3.8	4.3
11	5.5	5.0	5.3	5.4	3.9	5.0	4.1	3.6	3.8	4.7	3.7	4.4
12	5.6	4.9	5.3	5.7	3.9	5.2	4.1	3.5	3.9	4.9	3.5	4.3
13	5.8	4.1	5.0	5.7	4.6	5.1	4.6	3.7	4.1	4.6	4.1	4.3
14	5.6	4.3	4.9	5.4	4.3	5.1	4.6	3.7	4.2	---	---	---
15	---	---	---	5.5	4.1	5.1	4.1	3.4	3.9	---	---	---
16	5.6	4.8	5.2	5.6	4.8	5.1	4.8	3.2	4.0	---	---	---
17	5.8	4.3	4.8	5.7	4.7	5.2	4.8	3.8	4.2	---	---	---
18	5.3	3.9	4.5	6.1	4.6	5.5	4.3	3.3	3.9	---	---	---
19	5.4	4.0	4.6	6.5	5.2	5.9	4.4	3.5	4.0	4.9	4.1	4.4
20	5.6	4.0	4.5	6.3	5.6	5.9	4.5	3.6	4.2	4.4	3.8	4.2
21	4.7	3.3	4.0	6.0	5.4	5.8	4.5	3.9	4.1	4.2	3.9	4.1
22	4.0	3.1	3.5	5.7	5.1	5.5	4.6	3.6	4.2	4.0	3.6	3.9
23	---	---	---	5.4	4.9	5.3	4.3	3.4	4.0	4.0	3.6	3.7
24	---	---	---	5.1	4.7	5.0	4.3	3.1	3.8	4.1	3.5	3.8
25	---	---	---	5.1	4.6	4.8	4.1	3.2	3.7	4.2	3.7	3.9
26	---	---	---	4.9	4.3	4.6	4.2	3.0	3.6	4.2	3.7	4.0
27	---	---	---	5.0	4.0	4.5	4.3	3.0	3.6	4.2	3.7	4.0
28	---	---	---	4.9	4.1	4.5	4.4	3.5	3.9	4.3	3.8	4.1
29	---	---	---	4.9	3.7	4.4	4.3	3.8	4.1	4.5	3.7	4.2
30	4.5	3.6	4.0	4.9	3.9	4.4	4.8	3.2	4.0	5.4	3.4	4.3
31	---	---	---	4.7	4.0	4.4	4.3	3.8	4.0	---	---	---
MONTH	7.6	3.1	5.0	6.5	3.4	4.9	4.8	3.0	4.0	5.4	3.2	4.2
YEAR	11.4	3.0	6.7									

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

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.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 19,300 microsiemens, July 4, 1988; 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, 2.6 mg/L, Aug. 4, 1988.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 19,300 microsiemens, July 4; minimum, 100 microsiemens, many days.
pH: Maximum, 8.0 units, May 26; minimum, 5.4 units, Oct. 28
WATER TEMPERATURE: Maximum, 32.0°C, July 30, Aug. 8, 9, 13; minimum, 2.0°C Jan. 15-17.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19; minimum, 2.6 mg/L, Aug.4.

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	200	100	104	5500	100	833	200	100	125	200	100	140
2	100	100	100	7500	100	2060	200	100	129	200	100	129
3	200	100	104	7400	100	2850	200	100	108	200	100	123
4	200	100	104	7800	100	2900	200	100	110	200	100	129
5	400	100	125	9200	100	3190	200	100	129	200	100	131
6	200	100	121	6100	100	1980	200	100	133	200	100	112
7	200	100	119	8600	100	2130	200	100	119	200	100	135
8	200	100	127	5800	100	1300	200	100	110	200	100	112
9	200	100	142	4400	100	1180	200	100	131	200	100	121
10	300	100	150	4300	100	1270	200	100	115	200	100	137
11	1500	100	258	800	100	244	200	100	127	200	100	112
12	2800	100	654	3000	100	802	600	100	129	200	100	112
13	7600	100	2420	6400	100	2400	200	100	108	200	100	108
14	13100	2600	6720	5600	100	2190	200	100	121	200	100	108
15	15900	6900	10800	4800	100	1880	200	100	125	200	100	121
16	17100	8100	13000	6500	100	3070	200	100	133	200	100	108
17	17700	8500	13400	7200	200	2960	200	100	127	200	100	123
18	18300	7000	12400	1900	100	406	200	100	137	200	100	131
19	17600	2000	7470	1100	100	312	200	100	110	200	100	117
20	18500	7400	12700	2600	100	410	200	100	133	200	100	108
21	15000	5500	10600	200	100	121	200	100	121	200	100	119
22	16900	3600	9950	1100	100	208	200	100	121	200	100	129
23	15900	3300	8950	1200	100	300	200	100	129	200	100	119
24	17300	1700	8030	400	100	162	200	100	144	200	100	117
25	12200	1100	5920	400	100	156	200	100	131	200	100	129
26	12100	1200	5470	1300	100	265	200	100	137	200	100	129
27	14800	4700	9480	700	100	208	200	100	133	200	100	104
28	10400	100	4350	2600	100	569	200	100	117	200	100	104
29	9800	100	2910	300	100	179	200	100	112	200	100	108
30	8600	100	1820	200	100	137	200	100	121	200	100	108
31	3800	100	808	---	---	---	200	100	117	200	100	112
MONTH	18500	100	4820	9200	100	1220	600	100	124	200	100	119

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, 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	200	100	104	200	100	108	100	100	100	200	100	125
2	200	100	117	200	100	115	200	100	125	200	100	127
3	200	100	112	200	100	119	200	100	129	200	100	127
4	200	100	112	200	100	119	200	100	108	200	100	131
5	200	100	112	200	100	119	200	100	123	200	100	125
6	200	100	117	200	100	129	200	100	127	200	100	112
7	200	100	115	200	100	117	200	100	125	200	100	112
8	100	100	102	200	100	112	200	100	108	900	100	150
9	200	100	117	200	100	112	3100	100	496	300	100	131
10	200	100	108	200	100	115	5100	100	937	200	100	140
11	200	100	104	200	100	129	4900	100	1040	200	100	129
12	200	100	125	200	100	131	6900	100	1650	200	100	117
13	200	100	115	200	100	117	200	100	140	200	100	133
14	200	100	110	200	100	112	600	100	173	200	100	123
15	200	100	117	200	100	133	200	100	121	200	100	119
16	200	100	108	200	100	108	200	100	119	200	100	123
17	200	100	112	200	100	121	200	100	121	200	100	121
18	200	100	129	200	100	104	200	100	121	200	100	137
19	200	100	129	200	100	117	200	100	112	200	100	115
20	200	100	102	200	100	129	200	100	106	200	100	112
21	200	100	110	200	100	104	200	100	115	200	100	112
22	200	100	117	200	100	108	100	100	100	200	100	117
23	200	100	117	200	100	112	100	100	100	200	100	108
24	200	100	133	200	100	112	200	100	104	200	100	133
25	200	100	121	200	100	104	200	100	117	200	100	125
26	200	100	117	200	100	104	200	100	123	4300	100	798
27	200	100	112	200	100	108	200	100	106	4800	100	1850
28	200	100	108	200	100	117	200	100	104	7300	100	1660
29	200	100	108	200	100	108	200	100	104	7200	100	1460
30	---	---	---	200	100	104	200	100	102	5800	100	1280
31	---	---	---	200	100	121	---	---	---	6000	100	902
MONTH	200	100	114	200	100	115	6900	100	239	7300	100	357

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6400	100	1070	15200	900	5920	8000	300	2310	3500	200	1040
2	9700	100	1430	14600	600	6670	5700	200	1950	1500	100	402
3	9500	300	2900	16900	300	7060	9700	300	3570	300	100	183
4	12400	400	4360	19300	400	7620	9900	200	3760	300	100	162
5	11400	200	3550	---	---	---	9000	200	2370	200	100	165
6	6000	100	1280	---	---	---	7500	200	1690	200	100	158
7	3100	100	862	---	---	---	4900	200	1290	3500	100	819
8	4300	100	1110	---	---	---	5200	100	1360	4000	200	1120
9	3500	200	975	---	---	---	4400	100	1240	900	100	271
10	7900	100	1480	---	---	---	2900	100	583	200	100	171
11	10700	100	2870	---	---	---	2200	200	812	200	100	167
12	9400	200	2640	---	---	---	3300	200	892	200	100	142
13	5300	100	1430	9800	146	2820	7000	100	1360	200	100	150
14	5400	100	1000	---	---	---	7200	400	2450	200	100	162
15	7400	100	1270	---	---	---	2900	200	625	200	100	142
16	8400	200	2290	---	---	---	1300	200	433	200	100	148
17	8800	100	2550	---	---	---	800	100	262	200	100	146
18	7900	100	1670	---	---	---	3800	100	467	200	100	133
19	6500	200	2030	12200	434	2890	2600	100	635	200	100	121
20	14100	200	2640	6820	200	1310	4000	200	1070	200	100	142
21	7500	200	3690	3200	200	1100	4900	100	844	200	100	129
22	12600	400	4470	4000	100	1420	9600	200	4020	200	100	140
23	9600	300	2800	4100	200	1330	12100	2300	6770	200	100	150
24	8500	200	3470	6700	200	2100	11700	2100	6730	200	100	110
25	11600	500	5490	10800	400	3780	9900	1200	5610	200	100	142
26	11500	1100	5840	13000	700	5360	8700	1000	4140	200	100	135
27	13200	300	4180	11200	500	4960	7900	300	2980	200	100	148
28	16900	1000	6510	9400	400	3820	9000	600	3780	300	100	137
29	14300	800	6380	10000	300	3450	6500	300	1830	200	100	146
30	11100	300	4000	8700	300	3280	3100	100	785	200	100	156
31	---	---	---	8000	300	2620	3600	200	862	---	---	---
MONTH	16900	100	2870	19300	100	3750	12100	100	2180	4000	100	245
YEAR	19300	100	1270									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.4	6.0	6.6	5.9	7.5	7.0	6.8	6.7	6.9	6.8	6.8	6.6
2	6.6	6.3	7.1	5.9	7.1	7.0	6.9	6.8	6.9	6.7	6.8	6.6
3	6.8	6.6	7.2	6.4	7.0	6.9	6.9	6.8	6.9	6.7	6.7	6.6
4	7.0	6.5	7.3	7.0	7.2	7.0	6.8	6.6	6.9	6.8	7.1	6.6
5	6.8	6.1	7.3	7.0	7.1	6.9	6.7	6.6	7.0	6.9	6.7	6.5
6	6.7	6.1	7.2	6.9	7.0	6.9	6.6	6.5	7.0	6.8	6.7	6.6
7	6.7	5.9	7.2	6.8	6.9	6.9	6.6	6.5	7.0	6.9	6.7	6.6
8	6.3	5.9	7.2	6.7	7.0	6.9	6.6	6.4	7.0	6.9	6.9	6.6
9	6.3	5.9	7.1	6.6	7.0	6.9	6.5	6.3	7.1	7.0	6.8	6.7
10	6.1	5.8	7.1	6.4	7.0	6.9	6.4	6.3	7.2	7.0	7.2	6.7
11	6.1	5.7	6.9	6.6	7.0	6.9	6.4	6.4	7.2	7.0	6.9	6.6
12	6.1	5.7	7.0	6.5	7.0	6.9	6.3	6.2	7.4	7.1	6.7	6.5
13	6.3	5.8	7.0	6.6	7.0	6.9	7.0	6.2	7.3	7.2	7.1	6.5
14	6.7	6.1	6.9	6.3	7.0	6.9	7.1	6.8	7.2	7.1	7.0	6.5
15	7.1	6.2	6.9	6.3	7.1	6.9	7.2	7.1	7.3	7.1	7.1	6.6
16	7.5	6.4	7.1	6.4	7.2	7.0	7.2	6.9	7.4	7.2	7.0	6.6
17	7.7	7.2	7.2	6.7	7.2	6.9	7.3	5.9	7.3	7.2	6.7	6.5
18	7.7	6.9	7.0	6.3	7.2	7.1	6.8	6.1	7.2	7.1	6.7	6.5
19	7.7	7.3	6.9	6.3	7.1	7.0	6.5	6.1	7.2	7.1	6.7	6.5
20	7.5	7.2	6.8	6.3	7.2	7.1	7.0	6.4	7.2	7.1	6.7	6.5
21	7.4	7.0	7.0	6.3	7.2	7.1	7.0	6.8	7.1	6.9	6.8	6.5
22	7.3	6.7	6.9	6.2	7.2	7.2	7.0	6.7	7.2	7.0	6.6	6.4
23	7.1	6.4	7.0	6.3	7.2	7.1	6.9	6.8	7.2	6.9	6.8	6.4
24	7.0	6.1	6.9	6.2	7.1	7.1	6.9	6.8	7.2	6.9	6.7	6.6
25	6.8	5.7	6.9	6.2	7.2	7.0	6.9	6.7	7.0	6.8	6.8	6.6
26	6.6	5.6	6.9	6.1	7.0	6.9	7.1	6.8	7.0	6.8	7.0	6.6
27	6.6	5.5	6.8	6.1	7.0	6.9	6.9	6.8	7.1	6.8	6.9	6.6
28	7.1	5.4	7.1	6.5	7.0	6.8	6.9	6.8	6.9	6.7	6.8	6.6
29	6.9	6.4	7.3	6.7	7.1	6.9	6.9	6.7	6.8	6.7	6.8	6.6
30	6.7	6.1	7.6	7.0	7.0	6.9	6.9	6.7	---	---	6.8	6.6
31	6.6	6.0	---	---	7.0	6.8	6.9	6.7	---	---	6.9	6.6
MONTH	7.7	5.4	7.6	5.9	7.5	6.8	7.3	5.9	7.4	6.7	7.2	6.4

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.7	6.8	6.7	7.6	7.1	7.4	7.2	6.7	6.3	6.7	5.6
2	7.0	6.7	6.9	6.8	7.6	7.1	7.3	7.1	6.7	6.2	6.5	5.8
3	7.0	6.8	6.9	6.8	7.7	7.2	7.4	7.1	6.6	6.3	6.5	5.6
4	7.0	6.8	7.0	6.8	7.7	7.2	7.2	6.8	6.6	6.2	6.6	6.3
5	6.9	6.8	7.0	6.8	7.6	7.2	7.2	6.7	6.6	6.1	6.5	6.1
6	7.0	6.8	6.9	6.8	7.5	7.2	7.1	6.6	6.5	6.2	6.3	5.9
7	7.0	6.9	7.0	6.7	7.4	7.1	7.2	6.7	6.4	6.1	6.5	6.1
8	7.0	6.9	7.0	6.7	7.4	7.1	7.0	6.9	6.4	6.1	6.6	6.1
9	7.2	6.9	7.0	6.8	7.4	6.8	7.1	6.9	6.3	6.0	6.4	6.0
10	7.2	6.8	7.0	6.8	7.1	6.7	7.1	6.9	6.3	6.0	6.2	6.0
11	7.2	6.9	7.0	6.8	7.2	6.6	7.1	6.8	6.2	5.9	6.1	6.0
12	7.3	6.9	6.9	6.8	7.2	6.7	7.3	6.9	6.2	5.8	6.1	5.9
13	7.1	6.9	6.9	6.7	7.3	6.6	7.3	6.8	6.3	5.9	6.1	5.9
14	7.0	6.9	7.0	6.7	7.4	6.8	7.0	6.7	6.4	6.1	6.3	6.0
15	6.9	6.9	7.0	6.8	7.4	6.8	7.2	6.8	6.3	5.8	6.4	6.1
16	6.9	6.8	6.9	6.8	7.4	7.0	7.1	6.8	6.1	5.8	6.3	6.1
17	6.9	6.8	6.8	6.7	7.3	7.1	7.1	6.9	6.1	5.7	6.5	6.3
18	6.9	6.8	6.9	6.7	7.5	7.1	7.0	6.7	6.2	5.9	6.6	6.4
19	7.0	6.8	6.9	6.8	7.3	7.0	7.0	6.7	6.4	5.9	6.5	6.2
20	6.9	6.8	6.9	6.9	7.4	7.1	7.2	6.7	6.5	6.1	6.4	6.0
21	6.9	6.7	6.9	6.8	7.3	7.1	7.0	6.8	6.4	5.8	6.4	6.1
22	6.8	6.7	6.9	6.8	7.3	7.0	7.0	6.6	6.4	5.7	6.4	6.1
23	6.8	6.7	7.0	6.8	7.3	6.9	7.0	6.4	6.6	5.6	6.3	6.0
24	6.9	6.7	7.1	7.0	7.4	6.8	7.0	6.3	6.5	5.6	6.3	6.0
25	6.8	6.7	7.2	7.0	7.5	7.3	7.0	6.4	6.3	5.6	6.4	5.9
26	6.8	6.8	8.0	7.1	7.5	7.3	6.9	6.5	6.4	6.0	6.4	6.1
27	6.8	6.8	7.6	7.1	7.4	7.1	6.9	6.6	6.3	6.0	6.3	6.2
28	6.9	6.7	7.6	7.1	7.2	6.9	6.8	6.5	6.5	5.9	6.4	6.2
29	6.8	6.6	7.6	7.1	7.5	6.8	6.9	6.5	6.6	6.2	6.4	6.2
30	6.7	6.6	7.6	7.1	7.4	7.1	6.8	6.4	6.6	6.0	6.5	6.2
31	---	---	7.6	7.1	---	---	6.8	6.6	6.3	5.8	---	---
MONTH	7.3	6.6	8.0	6.7	7.7	6.6	7.4	6.3	6.7	5.6	6.7	5.6

YEAR MAXIMUM 8.0 MINIMUM 5.4

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

TEMPERATURE (°C) OF WATER, 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	22.0	21.0	21.5	17.5	16.5	17.0	13.0	12.0	12.5	12.0	10.5	11.0
2	22.5	20.0	21.5	17.5	16.0	17.0	13.5	11.5	12.5	11.0	10.0	10.5
3	22.0	20.0	21.0	17.5	16.5	17.0	12.5	11.5	12.0	10.0	9.0	9.5
4	21.0	19.5	20.5	17.5	16.5	17.0	11.5	10.5	11.5	9.0	8.5	8.5
5	21.0	19.5	20.5	18.5	17.0	17.5	11.5	10.0	10.5	8.5	7.5	8.0
6	21.0	19.5	20.5	17.5	16.5	17.0	10.5	9.5	10.0	8.0	7.5	7.5
7	21.0	19.0	20.0	17.0	16.0	16.5	10.0	9.5	9.5	7.0	6.0	6.5
8	20.5	18.5	19.5	17.0	15.5	16.5	10.0	9.0	9.5	6.5	5.5	6.0
9	20.0	18.0	19.5	17.0	16.0	16.5	10.5	9.5	10.0	5.5	4.5	5.0
10	20.0	18.0	19.5	17.5	16.5	17.0	11.0	9.5	10.0	5.0	4.0	4.5
11	20.0	19.0	19.5	17.0	15.5	16.0	10.5	9.5	10.5	4.0	3.5	3.5
12	19.5	18.0	19.0	16.0	15.0	15.5	11.5	9.5	10.5	4.0	3.0	3.5
13	19.5	17.5	18.5	16.0	14.5	15.5	11.0	10.0	10.5	4.5	3.5	3.5
14	19.0	17.0	18.0	16.5	14.5	15.0	12.0	10.5	11.5	4.0	2.5	3.0
15	18.0	16.5	17.5	15.5	14.5	15.0	13.0	12.0	12.0	3.0	2.0	2.5
16	17.5	16.0	16.5	15.5	14.5	15.0	12.0	10.5	11.5	3.0	2.0	2.5
17	18.0	16.5	17.0	16.0	15.0	15.5	11.0	10.0	10.5	3.0	2.0	2.5
18	18.0	16.5	17.0	16.0	15.0	15.5	10.5	9.5	10.0	4.0	2.5	3.0
19	18.0	16.5	17.5	15.0	14.5	15.0	10.0	9.0	10.0	4.0	3.5	4.0
20	19.0	17.0	17.5	15.0	13.5	14.5	12.5	9.5	10.5	6.5	4.0	5.5
21	19.0	17.5	18.0	13.5	12.5	13.0	10.5	10.0	10.0	6.5	6.0	6.0
22	18.0	16.0	17.5	13.0	12.0	12.5	10.5	10.0	10.0	7.0	6.0	6.5
23	17.5	16.0	17.0	13.0	12.0	12.5	10.5	9.5	10.0	7.0	5.5	6.5
24	18.0	16.5	17.0	13.5	12.0	13.0	10.0	9.5	10.0	6.5	6.0	6.5
25	17.5	17.0	17.0	13.5	12.0	13.0	11.5	10.0	10.5	6.5	6.0	6.5
26	17.5	16.5	17.0	14.0	13.0	13.5	12.0	10.5	11.0	7.5	5.5	6.0
27	17.0	16.5	17.0	14.0	13.5	13.5	11.5	11.0	11.5	7.0	5.5	6.0
28	17.0	16.0	16.5	14.5	13.5	14.0	12.0	11.0	11.5	6.5	5.0	6.0
29	17.0	15.5	16.5	14.0	13.5	14.0	11.5	10.0	11.0	6.5	5.0	5.5
30	17.5	16.0	16.5	13.5	13.0	13.5	11.0	10.0	10.5	6.0	5.0	5.5
31	17.5	16.0	17.0	---	---	---	11.0	9.5	10.5	7.0	5.5	6.0
MONTH	22.5	15.5	18.5	18.5	12.0	15.0	13.5	9.0	10.5	12.0	2.0	5.5

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

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

TEMPERATURE (°C) OF WATER, 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	26.5	24.0	25.0	28.5	27.0	27.5	31.0	30.0	30.5	28.0	26.5	27.5
2	26.0	24.5	25.5	28.0	26.5	27.5	31.0	30.0	30.5	27.5	26.5	27.0
3	26.0	24.5	25.5	27.0	26.5	27.0	31.0	30.0	30.5	27.5	26.5	27.0
4	25.5	23.5	24.5	27.0	26.0	26.5	31.0	30.0	30.5	28.0	26.5	27.0
5	25.5	23.5	24.5	27.0	25.5	26.5	31.0	30.0	30.5	26.5	26.0	26.5
6	25.5	24.0	24.5	27.0	26.0	26.5	31.0	30.0	30.5	26.5	25.5	26.0
7	25.5	24.0	25.0	28.0	25.5	26.5	31.0	29.5	30.0	26.0	25.0	25.5
8	26.0	24.5	25.5	27.5	26.0	26.5	32.0	29.5	30.0	25.0	24.5	24.5
9	26.5	25.0	26.0	28.0	26.0	27.0	32.0	29.5	30.5	24.5	24.0	24.5
10	26.0	24.5	25.5	28.0	26.5	27.5	30.5	30.0	30.0	25.0	24.0	24.5
11	26.5	24.5	25.0	29.0	27.5	28.0	31.0	29.0	30.0	25.5	24.0	24.5
12	26.5	24.5	25.5	28.0	27.0	27.5	31.0	29.5	30.0	25.0	24.0	24.5
13	26.0	24.0	25.5	29.0	27.5	28.0	32.0	29.5	30.5	25.0	23.5	24.5
14	26.0	24.5	25.5	30.0	28.0	28.5	30.5	29.5	30.0	25.5	24.0	25.0
15	26.5	25.0	26.0	29.5	28.0	29.0	30.0	29.5	30.0	25.5	24.5	25.0
16	27.0	25.5	26.0	30.0	28.5	29.5	30.5	29.5	29.5	25.0	24.5	24.5
17	27.5	25.5	26.5	31.0	29.0	29.5	30.0	29.0	29.5	24.5	24.5	24.5
18	27.5	26.0	26.5	31.0	29.5	30.0	31.0	29.0	30.0	24.5	24.0	24.0
19	27.5	26.0	27.0	31.5	29.5	30.5	31.5	29.0	30.5	24.5	24.0	24.0
20	27.5	26.5	27.0	31.5	29.5	30.5	31.0	30.0	30.5	25.0	24.0	24.5
21	28.0	26.5	27.5	31.0	29.0	30.0	31.5	30.0	30.5	25.5	24.5	25.0
22	28.5	27.0	27.5	31.0	29.5	30.0	30.0	29.5	30.0	26.0	24.5	25.0
23	29.0	27.5	28.0	31.0	29.0	29.5	31.0	29.0	30.0	25.5	24.5	25.0
24	29.0	28.0	28.5	31.0	29.0	29.5	30.5	29.0	30.0	26.0	25.0	25.5
25	30.0	28.0	28.5	31.0	29.0	30.0	31.0	29.0	29.5	25.5	25.0	25.5
26	30.0	28.5	29.0	31.0	29.0	30.0	30.5	29.0	29.5	25.0	24.5	25.0
27	29.0	27.5	28.5	30.5	29.0	30.0	30.0	29.0	29.5	25.0	24.0	24.5
28	29.0	27.0	28.0	30.5	29.5	30.0	29.5	28.5	29.0	24.5	24.0	24.5
29	29.5	27.5	28.0	31.0	29.5	30.0	29.0	28.5	28.5	25.0	24.0	24.5
30	28.0	27.0	27.5	32.0	29.0	30.0	29.0	28.0	28.5	25.0	24.0	24.5
31	---	---	---	31.0	29.5	30.0	28.5	27.5	28.0	---	---	---
MONTH	30.0	23.5	26.5	32.0	25.5	28.5	32.0	27.5	30.0	28.0	23.5	25.0
YEAR	32.0	2.0	18.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	4.3	3.6	3.9	6.7	6.0	6.4	8.4	7.7	7.9	9.0	8.7	8.8
2	3.7	3.3	3.5	7.1	6.5	6.8	8.5	7.7	7.9	9.5	8.8	9.2
3	4.2	3.1	3.8	7.2	6.8	7.0	8.2	7.5	7.8	9.8	9.4	9.7
4	4.7	4.0	4.2	7.8	7.0	7.2	8.6	7.6	8.2	9.7	9.5	9.6
5	4.2	4.0	4.1	7.2	7.0	7.0	8.9	8.1	8.4	9.6	9.3	9.5
6	4.3	4.1	4.2	7.3	7.0	7.1	8.2	7.5	7.9	9.7	9.4	9.6
7	5.0	4.2	4.5	7.5	7.0	7.1	8.2	7.9	8.0	10.5	9.7	10.1
8	5.4	4.6	4.9	7.1	6.9	7.0	8.4	8.2	8.3	10.6	10.3	10.5
9	5.3	4.8	5.1	7.0	6.8	6.9	8.6	8.1	8.2	10.9	10.4	10.7
10	5.4	5.1	5.2	7.4	6.7	7.0	8.5	8.0	8.2	11.6	10.9	11.2
11	5.4	5.1	5.2	7.7	7.1	7.4	9.3	8.3	8.8	11.9	11.5	11.7
12	6.0	5.2	5.5	7.5	7.3	7.4	9.7	8.1	8.7	12.0	11.7	11.9
13	6.5	5.5	6.1	7.6	7.2	7.4	9.0	8.8	8.9	12.1	11.7	11.9
14	6.6	6.1	6.3	7.5	7.2	7.3	9.0	8.3	8.9	12.4	11.8	12.1
15	6.5	6.0	6.3	7.5	7.2	7.3	9.1	8.7	8.9	12.3	12.0	12.1
16	6.6	6.1	6.3	7.6	7.3	7.4	9.4	8.7	9.0	12.1	11.6	12.0
17	6.5	6.0	6.2	7.6	7.3	7.4	9.3	8.8	9.0	12.1	11.9	12.0
18	6.4	5.9	6.2	7.6	7.4	7.5	9.1	8.9	9.0	12.0	11.9	12.0
19	6.4	5.9	6.2	8.0	7.4	7.5	9.0	8.7	8.8	12.4	11.8	11.9
20	6.5	5.8	6.2	8.0	7.4	7.7	9.3	8.6	8.8	11.9	11.7	11.8
21	6.7	5.9	6.2	8.2	7.9	8.0	9.3	8.9	9.1	11.7	11.1	11.3
22	7.0	6.2	6.5	8.1	7.9	8.0	9.4	9.2	9.3	11.1	10.7	10.9
23	7.2	6.2	6.6	8.1	7.9	8.0	9.3	9.2	9.3	10.9	10.4	10.7
24	7.2	6.4	6.7	8.3	8.0	8.1	9.4	9.2	9.3	10.6	10.2	10.3
25	7.1	6.4	6.6	8.0	7.9	8.0	9.6	9.2	9.3	10.3	10.0	10.1
26	7.5	6.6	7.0	8.1	7.8	7.9	9.3	9.0	9.1	10.9	9.8	10.3
27	7.5	7.0	7.2	8.3	7.8	7.9	9.2	8.9	9.0	9.8	9.6	9.7
28	7.4	6.4	6.9	8.4	7.9	8.2	9.1	8.8	8.9	9.9	9.6	9.7
29	7.1	6.3	6.7	8.1	7.6	8.0	10.2	8.9	9.3	10.0	9.7	9.8
30	6.8	6.1	6.5	8.2	7.6	7.8	9.4	9.1	9.3	10.1	9.8	10.0
31	6.4	6.0	6.3	---	---	---	9.2	8.8	9.0	10.3	10.0	10.1
MONTH	7.5	3.1	5.7	8.4	6.0	7.5	10.2	7.5	8.7	12.4	8.7	10.7

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	6.6	5.7	6.0	5.8	4.6	5.1	4.0	3.4	3.7	5.1	4.1	4.8
2	6.4	5.7	6.0	5.9	4.6	5.1	4.0	3.2	3.5	5.1	4.4	4.8
3	6.1	5.6	5.9	5.0	4.5	4.8	3.9	2.9	3.3	4.9	4.5	4.7
4	6.6	5.9	6.1	5.1	4.2	4.6	3.8	2.6	3.1	5.8	4.6	5.3
5	6.3	5.7	5.9	5.3	4.3	4.8	3.7	2.8	3.2	6.2	5.4	5.8
6	6.3	5.7	6.0	5.5	4.7	5.1	4.0	2.9	3.3	5.9	5.2	5.4
7	6.2	5.8	6.0	5.9	4.9	5.4	4.0	3.0	3.5	6.2	5.2	5.7
8	6.3	5.8	6.0	6.3	5.1	5.5	4.0	3.0	3.4	5.8	5.3	5.6
9	6.4	5.8	6.1	6.6	5.2	5.7	4.2	2.9	3.3	5.9	4.6	5.1
10	6.6	6.0	6.2	6.3	5.3	5.6	3.5	2.9	3.2	4.7	4.4	4.6
11	6.4	5.8	6.1	6.6	5.5	5.8	3.2	2.9	3.1	4.8	4.4	4.6
12	6.1	5.6	5.9	6.1	5.5	5.9	3.7	2.8	3.1	4.9	4.4	4.7
13	6.0	5.5	5.7	6.4	5.7	6.0	4.1	2.9	3.4	4.9	4.5	4.8
14	6.2	5.4	5.7	6.3	5.5	5.8	3.9	3.3	3.6	5.0	4.5	4.7
15	6.3	5.4	5.8	6.1	5.3	5.7	3.7	3.4	3.6	5.3	4.5	4.8
16	6.2	5.5	5.8	6.2	5.2	5.7	4.0	3.5	3.6	5.3	4.7	5.0
17	6.2	5.6	5.9	6.1	5.1	5.6	4.6	3.5	4.0	5.1	4.5	4.8
18	6.5	5.6	5.9	6.5	5.2	5.7	5.3	4.0	4.4	4.9	4.4	4.6
19	6.2	5.5	5.8	6.0	5.1	5.7	5.1	4.1	4.6	4.6	4.2	4.4
20	6.2	5.4	5.8	6.4	4.9	5.3	5.1	4.3	4.6	4.5	4.3	4.4
21	5.8	5.3	5.6	5.4	4.6	4.9	6.1	4.6	4.9	5.0	4.3	4.6
22	5.9	5.3	5.6	5.8	4.6	4.9	5.4	4.5	4.8	4.5	4.2	4.4
23	5.8	5.2	5.6	5.6	4.5	4.8	5.6	4.5	4.9	4.4	4.1	4.3
24	6.0	5.1	5.5	4.9	4.2	4.7	5.0	4.3	4.6	4.4	4.0	4.2
25	6.1	5.2	5.7	5.0	3.9	4.4	4.7	4.0	4.4	4.6	4.0	4.3
26	6.0	5.2	5.5	4.8	3.8	4.2	4.6	3.8	4.1	4.6	4.2	4.4
27	6.0	5.1	5.3	4.8	3.7	4.0	4.1	3.5	3.8	4.3	3.9	4.2
28	5.9	4.9	5.3	4.1	3.5	3.9	4.3	3.6	4.0	4.1	3.8	4.0
29	5.8	4.7	5.2	3.9	3.3	3.5	4.5	4.0	4.3	4.3	3.8	4.0
30	5.3	4.6	4.9	4.3	3.2	3.7	4.5	4.0	4.3	4.6	4.2	4.4
31	---	---	---	4.1	3.3	3.7	5.2	4.0	4.5	---	---	---
MONTH	6.6	4.6	5.8	6.6	3.2	5.0	6.1	2.6	3.9	6.2	3.8	4.7
YEAR	12.4	2.6	7.0									

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.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Bottom): Maximum, 39,400 microsiemens, Aug. 30, 1986; minimum, less than 100 microsiemens, many days 1986.
SPECIFIC CONDUCTANCE (Top): Maximum, 30,700 microsiemens, Oct. 13, 1985; 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; minimum, 2.0°C, Jan. 15-18, 1988.
WATER TEMPERATURE (Top): Maximum, 31.5°C, July 11, Aug. 10, 1987, Aug. 2, 3, 5-7, 9, 1988; minimum, 2.0°C, Jan. 16, 1988.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Bottom): Maximum, 36,500 microsiemens, Oct. 14, 15; minimum, 100 microsiemens, many days.
SPECIFIC CONDUCTANCE (Top): Maximum recorded, 30,000 microsiemens, Oct. 18; minimum, 100 microsiemens, many days.
WATER TEMPERATURE (Bottom): Maximum, 30.5°C, July 19, 20, Aug. 3-7; minimum, 2.0°C, Jan. 15-18.
WATER TEMPERATURE (Top): Maximum, 31.5°C, Aug. 2, 3, 5-7, 9; minimum, 2.0°C, Jan. 16.

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	7100	100	1110	22700	13200	18400	600	200	348	9900	100	3460
2	10400	100	4090	23200	14000	19300	300	100	262	10800	100	3630
3	8400	100	3400	22600	11800	16400	700	100	248	17300	200	8510
4	11100	100	4640	16800	11700	13700	600	100	233	11600	100	4480
5	14100	1800	7730	17100	11900	14100	800	100	267	4200	100	1060
6	13400	2300	7910	16700	11700	13900	1600	100	312	4000	100	1040
7	11900	200	5290	18100	11700	14200	1500	100	321	10400	100	2570
8	15000	200	6190	16800	11300	13500	1600	100	337	11400	100	3170
9	15300	200	7690	15700	11400	13100	800	100	229	5800	100	1270
10	15300	3000	9470	14200	10100	12100	400	100	179	8500	100	2330
11	16700	5600	11500	15000	8600	11100	200	100	183	13800	200	5100
12	24400	9800	16700	19100	8700	14300	800	100	258	15200	100	6270
13	32300	23500	28000	23100	12100	18400	6400	200	2690	9300	100	1790
14	36500	28500	33800	25200	11900	18700	11200	200	5760	7800	100	1300
15	36500	30000	34600	21100	12300	17500	10900	200	7380	13500	100	4160
16	33900	29600	32300	21400	12500	17100	9000	100	3420	9800	100	3220
17	31300	27100	29500	15700	13300	14500	10200	200	4630	7100	100	1400
18	30100	24900	27700	12200	7600	9500	16200	200	10000	2000	100	404
19	29300	24300	26400	10700	5800	8010	16100	3100	9570	2800	100	448
20	26700	22900	24300	12500	6600	8380	15300	100	6470	1200	100	258
21	24000	21900	22700	9800	1200	4710	11200	100	3660	500	100	185
22	23600	20400	21800	9800	1500	5180	13800	100	4590	500	100	190
23	23700	20300	22000	11600	2500	5840	13300	100	4390	300	100	173
24	24600	19800	21800	8100	1800	4150	10500	200	3540	300	100	169
25	21500	17600	19800	8800	1800	4080	6200	100	1990	300	100	160
26	28100	18600	22000	10400	2000	5130	3100	100	742	200	100	169
27	28000	18600	23700	9600	2200	5900	2800	100	744	200	100	171
28	28400	15500	22300	11500	4400	8190	7400	100	2440	1100	100	237
29	28800	20700	24800	8500	700	5220	6600	100	1050	200	100	135
30	26200	17800	22800	3300	300	794	15000	100	4930	200	100	142
31	23500	15000	20000	---	---	---	14200	200	6590	200	100	133
MONTH	36500	100	18300	25200	300	11200	16200	100	2830	17300	100	1860

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	200	100	123	10800	100	5040	5500	100	1850	11900	100	4020
2	200	100	117	8500	100	3230	5200	100	1560	11700	100	5180
3	200	100	121	5000	100	1300	7000	100	1530	11200	100	4280
4	200	100	123	2800	100	615	7200	100	1630	10600	100	3080
5	500	100	196	2900	100	452	8700	100	2200	9200	100	2520
6	1700	100	352	6800	100	1670	9800	100	3540	8400	100	2990
7	1900	100	444	7200	100	1650	9300	100	2890	18400	100	9120
8	1200	100	277	4300	100	894	24700	2200	14100	17800	6200	12500
9	2900	100	523	3600	100	921	23100	12000	18000	17900	1800	10500
10	5900	100	1260	5000	100	950	22900	9600	16500	13200	200	7130
11	8300	100	2670	19400	100	9040	19400	9400	14600	11100	100	5130
12	10100	100	2050	17800	200	7850	20000	7700	14200	13200	100	6060
13	2800	100	506	8000	100	1870	14800	200	8110	13400	200	6300
14	8000	100	1830	4400	100	935	17700	200	8890	14700	100	6110
15	7400	100	1620	6700	100	1770	13700	200	7020	16300	200	7020
16	1400	100	400	6500	100	1720	9400	100	3180	15100	300	7670
17	2800	100	644	6000	100	1380	7100	100	1680	15000	400	7460
18	4200	100	850	4600	100	869	4800	100	752	14500	1100	7530
19	6600	100	1520	1500	100	450	1400	100	267	14200	1000	7380
20	4300	100	800	800	100	202	3500	100	719	13400	2200	7710
21	1100	100	290	600	100	150	6100	100	958	15200	3800	9450
22	1200	100	337	3000	100	617	5100	100	1060	16300	3100	9620
23	1000	100	223	7100	100	1260	8800	100	2270	14900	2400	8670
24	600	100	185	1700	100	317	4700	100	692	12600	100	5970
25	6700	100	1180	1100	100	252	14200	100	4820	16800	200	7120
26	15800	100	4810	2100	100	327	19400	6500	14500	27300	10800	20200
27	13200	100	4410	6000	100	898	16100	700	8670	29100	20200	24700
28	15600	100	7220	8200	100	3240	6600	100	2270	24100	12000	19000
29	16400	1800	8480	9200	100	3540	8200	100	2960	22100	11300	16800
30	---	---	---	7000	100	2490	8900	100	2640	22300	9000	15700
31	---	---	---	5400	100	1810	---	---	---	22800	8000	15000
MONTH	16400	100	1500	19400	100	1860	24700	100	5470	29100	100	9090

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23500	8600	15700	29600	15900	21800	24400	11200	17500	23200	10300	17300
2	26100	8500	16200	29700	16200	22200	23400	11200	17600	19100	7700	14600
3	27600	15500	21400	27000	15700	21800	24500	13300	19200	14600	4800	10500
4	29100	16100	22800	27900	17100	22100	22300	14200	18100	12200	200	6420
5	25300	12500	19100	25600	17800	22700	19700	11500	16500	9100	100	3510
6	21600	8600	15200	24300	16800	21700	19800	9000	15100	15500	200	6870
7	19200	8100	14300	24300	15500	20800	18600	8300	14200	23500	6300	17500
8	22100	8300	15400	22000	12800	18300	21500	10900	16500	23900	13500	18300
9	20700	8600	15400	23400	12400	17600	20900	11600	17100	16100	6800	12300
10	25800	7800	17100	23000	10000	16400	16300	9100	13000	9900	100	5680
11	26800	13600	20800	24400	11100	17100	16500	7600	12700	6000	100	2390
12	24800	12400	19200	21300	9400	15900	16500	8700	12700	4100	100	1250
13	23000	10700	17000	22500	10200	16100	19000	9100	13300	1900	100	421
14	21400	8800	15300	21800	11400	17000	17700	9400	13800	1200	100	285
15	21100	10900	14700	22300	11300	17600	15200	6700	11300	7200	100	1460
16	22200	12100	17400	22500	11300	17700	13800	6400	10300	11000	100	4140
17	23200	12200	17500	22000	11400	17200	13900	5900	10300	6000	100	2390
18	22800	11700	17500	21200	11100	16200	16400	7000	12100	5300	100	1640
19	22200	11900	18300	19300	9100	14400	23100	9100	16400	9000	100	2060
20	23100	14600	19000	17700	10600	14700	25100	10400	18000	10700	100	3160
21	23200	13900	19200	18500	10500	15100	25900	13500	19600	8900	100	2720
22	23100	12700	19000	20100	9500	15300	27400	19600	23200	14600	100	5750
23	23700	14700	19500	22000	12600	17000	27400	20400	23900	12600	100	5360
24	24800	14100	19900	21300	12900	17400	27300	16600	21800	8300	100	3020
25	27800	19000	22600	25400	14700	19900	26700	14100	20800	7200	100	1950
26	25300	15300	20700	26500	15800	20400	25100	12800	19100	10800	100	3290
27	26700	14700	20000	26500	13600	19900	25400	11100	18200	13800	100	5070
28	24600	15100	19600	26200	11900	19200	25200	13900	19300	13300	100	5070
29	27100	15800	20600	25900	12300	19000	21900	8100	15500	11500	100	4580
30	27700	14300	20400	25300	12300	18700	20200	7600	13600	9000	100	3640
31	---	---	---	24100	11200	18100	20500	6500	14500	---	---	---
MONTH	29100	7800	18400	29700	9100	18400	27400	5900	16300	23900	100	5750
YEAR	36500	100	9270									

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	4500	100	744	18200	5300	12000	4600	100	879	5900	100	1520
2	9200	100	2730	19600	6500	13700	2000	100	462	4600	100	1270
3	7700	100	2370	20200	7700	14200	3600	100	667	8500	100	2880
4	8800	100	3430	19900	6900	14100	1300	100	254	7000	100	1520
5	12100	600	6090	22800	7200	14800	2200	100	612	2100	100	408
6	12000	800	6200	22000	6000	13400	4300	100	1220	1800	100	396
7	9800	100	3810	19600	4800	11900	4400	100	1240	2600	100	812
8	10800	100	4100	16900	4200	10400	4100	100	1390	2100	100	440
9	10300	100	4700	15900	3800	9630	3700	100	815	1700	100	317
10	11200	700	5840	17900	4100	10000	3000	100	648	2500	100	431
11	12600	1700	6470	13100	2900	7100	2600	100	508	1800	100	531
12	15100	2700	8350	17900	2600	8250	4000	100	1060	3400	100	754
13	20400	6300	12000	20000	6000	11700	5200	100	1720	1300	100	258
14	26400	9600	16100	18200	6200	11200	7200	700	3270	7800	100	1300
15	26500	15000	20500	16700	6200	10300	8800	100	4950	13500	100	4160
16	28600	17200	22500	16900	6500	11500	5900	100	1500	9800	100	3220
17	27800	18600	23500	17800	7100	12700	6600	100	2050	7100	100	1400
18	30000	16300	23100	15200	2600	8320	11300	100	4430	2000	100	404
19	27800	18200	23600	13900	1100	7560	11300	500	5120	2800	100	448
20	28400	18100	23800	18300	1800	7870	10700	100	4110	1200	100	258
21	29000	16800	22400	11100	200	4760	7100	100	2180	500	100	185
22	27700	14500	21700	14000	100	6550	8200	100	2780	500	100	190
23	28800	14000	21800	12500	1000	6460	8000	100	2410	300	100	173
24	26700	11900	19700	10700	300	4970	6000	100	1980	300	100	169
25	25300	10200	17400	11300	400	5140	3500	100	1150	300	100	160
26	25400	9380	18400	12000	900	6140	1400	100	360	200	100	169
27	28000	13900	20500	11900	1400	6760	1700	100	475	200	100	171
28	24500	9700	17600	15400	2300	8150	4300	100	1000	1100	100	237
29	26600	10800	17400	12900	100	4990	2100	100	371	200	100	135
30	22800	9400	16200	7100	100	2510	3400	100	1150	200	100	142
31	20800	6400	13200	---	---	---	7900	100	2340	200	100	133
MONTH	30000	100	13700	22800	100	9240	11300	100	1710	13500	100	793

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	200	100	123	10800	100	5040	5500	100	1850	11900	100	4020
2	200	100	117	8500	100	3230	5200	100	1560	11700	100	5180
3	200	100	121	5000	100	1300	7000	100	1530	11200	100	4280
4	200	100	123	2800	100	615	7200	100	1630	10600	100	3080
5	500	100	196	2900	100	452	8700	100	2200	9200	100	2520
6	1700	100	352	6800	100	1670	9800	100	3540	8400	100	2990
7	1900	100	444	7200	100	1650	9300	100	2890	18400	100	9120
8	1200	100	277	4300	100	894	24700	2200	14100	17800	6200	12500
9	2900	100	523	3600	100	921	23100	12000	18000	17900	1800	10500
10	5900	100	1260	5000	100	950	22900	9600	16500	13200	200	7130
11	8300	100	2670	19400	100	9040	19400	9400	14600	11100	100	5130
12	10100	100	2050	17800	200	7850	20000	7700	14200	13200	100	6060
13	2800	100	506	8000	100	1870	14800	200	8110	13400	200	6300
14	8000	100	1830	4400	100	935	17700	200	8890	14700	100	6110
15	7400	100	1620	6700	100	1770	13700	200	7020	16300	200	7020
16	1400	100	400	6500	100	1720	9400	100	3180	15100	300	7670
17	2800	100	644	6000	100	1380	7100	100	1680	15000	400	7460
18	4200	100	850	4600	100	869	4800	100	752	14500	1100	7530
19	6600	100	1520	1500	100	450	1400	100	267	14200	1000	7380
20	4300	100	800	800	100	202	3500	100	719	13400	2200	7710
21	1100	100	290	600	100	150	6100	100	958	15200	3800	9450
22	1200	100	337	3000	100	617	5100	100	1060	16300	3100	9620
23	1000	100	223	7100	100	1260	8800	100	2270	14900	2400	8670
24	600	100	185	1700	100	317	4700	100	692	12600	100	5970
25	6700	100	1180	1100	100	252	14200	100	4820	16800	200	7120
26	15800	100	4810	2100	100	327	19400	6500	14500	27300	10800	20200
27	13200	100	4410	6000	100	898	16100	700	8670	29100	20200	24700
28	15600	100	7220	8200	100	3240	6600	100	2270	24100	12000	19000
29	16400	1800	8480	9200	100	3540	8200	100	2960	22100	11300	16800
30	---	---	---	7000	100	2490	8900	100	2640	22300	9000	15700
31	---	---	---	5400	100	1810	---	---	---	22800	8000	15000
MONTH	16400	100	1500	19400	100	1860	24700	100	5470	29100	100	9090

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	23500	8600	15700	27200	10000	18100	23700	5400	13200	20000	5100	11600
2	26100	8500	16200	28000	10900	19200	21300	4900	13000	17500	3300	9910
3	27600	15500	21400	28400	10800	19200	23200	7400	14400	13300	900	7140
4	29100	16100	22800	27700	11700	19100	21100	7200	13000	11500	300	4950
5	25300	12500	19100	25900	11600	18900	17700	4700	11000	7000	200	2130
6	21600	8600	15200	23500	10900	17700	17000	4300	9990	11400	200	4070
7	19200	8100	14300	24500	9900	17300	17400	3600	9530	17400	2000	8480
8	22100	8300	15400	21700	7800	15600	18500	3400	10400	18000	5800	11500
9	20700	8600	15400	21200	6700	14300	18400	3500	10600	15300	2900	8890
10	25800	7800	17100	21100	5500	14200	13700	1900	8210	9900	200	4330
11	26800	13600	20800	24400	6000	14300	13800	2500	8310	5400	100	2070
12	24800	12400	19200	21800	6300	13800	13900	3200	8140	3900	100	977
13	23000	10700	17000	22300	3600	11900	15300	4000	8920	1600	200	383
14	21400	8800	15300	22300	5700	13000	13000	3800	9220	900	100	287
15	21100	10900	14700	23400	6000	13900	12500	2400	7500	3200	100	746
16	22200	12100	17400	22800	7000	14800	11300	1800	6240	5100	100	1670
17	23200	12200	17500	23500	6900	14800	12100	1700	6470	3500	100	1150
18	22800	11700	17500	20900	5100	12600	13000	2000	7150	2800	100	954
19	22200	11900	18300	19900	4700	11800	22800	2700	11400	4100	100	998
20	23100	14600	19000	18100	3500	10700	23500	5400	13800	5200	100	1290
21	23200	13900	19200	18000	3700	10100	23800	5000	13900	4800	100	1360
22	23100	12700	19000	19000	5100	11500	25900	8800	17100	9400	100	3100
23	23700	14700	19500	19100	4600	11500	26100	11000	19400	8900	100	3530
24	24800	14100	19900	19800	4500	10900	26700	12600	19600	7000	100	2070
25	27800	19000	22600	23300	6300	14400	26300	11000	18400	4500	100	1210
26	25300	15300	20700	23500	8400	16000	25000	8300	16800	7500	100	1730
27	26700	14700	20000	24200	8400	15800	24800	8100	15600	8600	100	3210
28	24600	15100	19600	23300	7300	15700	22500	9200	16400	8000	200	3210
29	27800	10000	16600	24300	6400	15000	20000	4900	12900	7900	200	3010
30	26100	8200	17400	21700	6600	14700	18600	3500	10800	6300	100	2260
31	---	---	---	21400	6600	14500	19400	4300	11000	---	---	---
MONTH	29100	7800	18100	28400	3500	14700	26700	1700	12000	20000	100	3610
YEAR	30000	100	7670									

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	22.5	22.0	22.5	18.5	18.0	18.0	14.5	13.0	13.5	11.0	10.5	10.5
2	23.0	22.0	22.5	18.5	18.0	18.0	13.5	13.0	13.0	11.0	10.0	10.5
3	22.5	21.5	22.0	19.0	17.0	18.0	13.0	13.0	13.0	10.5	9.5	10.0
4	21.5	21.0	21.0	18.5	17.5	18.0	13.0	12.0	12.5	10.0	8.5	9.0
5	21.0	20.5	21.0	18.5	18.0	18.0	12.0	11.5	11.5	9.0	8.0	8.5
6	21.0	20.5	20.5	18.5	17.0	17.5	11.5	11.0	11.5	8.0	7.5	8.0
7	21.0	20.5	20.5	17.5	16.5	17.0	11.5	11.0	11.0	8.0	6.5	7.0
8	20.5	20.0	20.0	17.0	16.5	17.0	11.0	10.5	11.0	7.0	6.0	6.5
9	20.0	19.0	19.5	17.0	16.5	17.0	11.5	10.5	11.0	6.5	5.0	5.5
10	19.5	19.5	19.5	17.5	17.0	17.0	11.5	10.5	11.0	6.0	4.5	5.0
11	19.5	19.5	19.5	17.5	17.0	17.0	12.0	11.0	11.5	5.5	4.0	5.0
12	19.5	19.5	19.5	17.0	15.5	16.5	12.0	11.0	11.5	5.5	3.5	4.5
13	19.5	18.0	19.0	16.0	15.5	15.5	12.5	11.5	12.0	5.0	2.5	3.5
14	18.5	17.5	18.0	15.5	15.0	15.5	12.5	11.5	12.0	3.5	2.5	3.0
15	17.5	17.5	17.5	15.5	15.0	15.5	12.5	11.5	12.5	3.5	2.0	3.0
16	17.5	17.0	17.5	15.5	15.0	15.5	12.5	11.5	12.0	3.0	2.0	2.5
17	17.5	17.0	17.5	16.5	15.5	16.0	12.0	11.5	11.5	2.5	2.0	2.5
18	18.0	17.5	18.0	16.5	16.0	16.5	11.5	11.0	11.0	2.5	2.0	2.5
19	18.5	18.0	18.0	16.5	16.0	16.0	11.0	11.0	11.0	3.5	2.5	3.0
20	19.0	18.0	18.5	16.0	15.5	16.0	12.0	10.5	11.0	4.5	3.0	4.0
21	19.0	18.5	19.0	15.5	14.5	15.0	12.0	11.0	11.5	5.5	4.5	5.0
22	19.0	18.0	18.0	14.5	13.5	14.0	12.0	10.5	11.5	5.5	5.0	5.5
23	18.0	17.0	17.5	14.0	13.5	13.5	12.0	10.5	11.5	6.0	5.5	5.5
24	17.5	17.0	17.5	13.5	13.5	13.5	12.0	10.5	11.0	6.0	5.5	6.0
25	17.5	17.5	17.5	14.0	13.5	14.0	12.0	10.5	11.0	6.0	5.5	5.5
26	17.5	17.5	17.5	15.0	14.0	14.5	12.0	11.0	11.5	5.5	5.5	5.5
27	17.5	17.5	17.5	15.0	14.5	15.0	12.0	11.5	11.5	5.5	5.0	5.5
28	18.0	17.0	18.0	15.5	14.5	15.0	12.0	11.5	11.5	5.5	5.0	5.5
29	18.0	17.5	18.0	15.5	14.0	15.0	12.0	11.0	11.5	5.0	5.0	5.0
30	19.0	17.0	18.0	15.0	13.5	14.5	11.0	10.5	11.0	5.0	4.5	5.0
31	17.0	18.0	18.5	---	---	---	11.0	10.5	10.5	5.5	5.0	5.0
MONTH	23.0	17.0	19.0	19.0	13.5	16.0	14.5	10.5	11.5	11.0	2.0	5.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.0	5.5	5.5	10.0	9.5	10.0	17.0	16.5	17.0	18.5	18.0	18.5
2	7.0	6.0	6.5	10.5	9.5	10.0	18.0	17.0	17.5	18.5	18.0	18.0
3	8.0	7.5	7.5	11.0	10.0	10.5	18.0	17.5	18.0	18.5	18.0	18.5
4	8.5	8.0	8.0	11.0	10.5	10.5	18.5	18.0	18.0	19.0	18.0	18.5
5	8.5	8.5	8.5	11.5	11.0	11.0	19.0	18.0	18.5	19.0	18.5	19.0
6	8.5	8.0	8.5	12.0	11.0	11.5	18.5	18.5	18.5	19.0	18.0	18.5
7	8.5	8.0	8.0	12.0	11.5	12.0	18.5	17.5	18.0	19.0	18.0	18.5
8	8.0	7.5	8.0	12.5	12.0	12.0	17.5	16.0	17.0	19.0	18.5	19.0
9	7.5	7.5	7.5	12.5	12.0	12.0	16.5	16.0	16.5	20.0	19.0	19.5
10	7.5	7.0	7.5	12.5	12.0	12.5	17.0	16.5	16.5	20.0	19.5	20.0
11	7.5	7.0	7.5	12.5	12.0	12.5	17.0	16.5	17.0	21.0	20.0	20.5
12	7.5	6.5	7.0	13.0	12.5	12.5	17.0	16.5	17.0	21.5	20.5	21.0
13	7.0	6.5	6.5	13.5	13.0	13.5	17.0	15.5	16.5	21.5	21.0	21.0
14	7.0	6.5	6.5	14.0	13.0	13.5	16.0	15.0	15.5	21.5	21.0	21.0
15	7.0	6.5	7.0	13.0	12.0	12.5	16.5	15.5	16.0	22.0	21.0	21.5
16	7.0	6.5	7.0	12.0	11.5	12.0	16.5	15.5	16.0	22.5	21.5	22.0
17	7.5	6.5	7.0	12.0	11.5	11.5	16.5	16.0	16.0	22.5	22.0	22.5
18	7.5	7.0	7.0	11.5	11.0	11.5	16.5	16.0	16.5	23.0	22.0	22.5
19	8.0	7.0	7.5	11.5	11.0	11.0	16.5	16.0	16.5	23.5	22.5	23.0
20	8.0	7.5	8.0	11.0	10.5	10.5	16.5	16.0	16.5	23.5	23.0	23.0
21	8.5	8.0	8.0	11.5	10.5	11.0	17.0	16.0	16.5	24.0	23.5	23.5
22	8.5	8.0	8.5	11.5	11.0	11.0	17.5	17.0	17.0	24.5	24.0	24.0
23	9.0	8.5	8.5	11.5	11.0	11.5	17.5	17.5	17.5	25.0	24.5	24.5
24	9.0	8.5	9.0	12.5	11.5	12.0	18.0	17.5	18.0	25.5	24.5	25.0
25	9.0	8.5	8.5	13.5	12.0	13.0	18.5	18.0	18.0	25.0	24.5	25.0
26	9.0	8.5	9.0	14.0	13.0	13.5	18.0	18.0	18.0	24.5	23.0	24.0
27	9.0	8.5	9.0	15.0	14.0	14.5	18.5	18.0	18.0	23.5	22.0	23.0
28	9.5	9.0	9.0	15.0	14.5	15.0	18.5	18.0	18.5	23.0	22.0	22.5
29	10.0	9.0	9.5	15.5	15.0	15.5	18.5	18.0	18.5	23.0	22.0	22.5
30	---	---	---	16.5	15.5	16.0	18.5	18.0	18.5	23.5	23.0	23.0
31	---	---	---	17.0	16.0	16.5	---	---	---	24.0	23.5	23.5
MONTH	10.0	5.5	8.0	17.0	9.5	12.5	19.0	15.0	17.5	25.5	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	24.5	24.0	24.0	26.5	26.0	26.5	30.0	29.5	30.0	27.0	26.0	26.5
2	24.5	24.0	24.5	26.5	26.0	26.5	30.0	30.0	30.0	26.5	26.0	26.0
3	24.5	24.0	24.5	26.5	26.0	26.0	30.5	30.0	30.0	27.0	26.5	26.5
4	24.0	23.5	23.5	26.0	25.5	26.0	30.5	30.0	30.5	27.0	26.5	27.0
5	23.5	23.0	23.5	26.0	25.5	26.0	30.5	30.0	30.5	27.0	26.0	26.5
6	24.0	23.5	23.5	26.0	25.5	26.0	30.5	30.0	30.5	26.5	26.0	26.0
7	24.5	23.5	24.0	26.5	25.5	26.0	30.5	30.0	30.0	26.0	25.0	25.5
8	25.0	24.0	24.5	27.0	26.0	26.5	30.0	30.0	30.0	25.5	24.0	24.5
9	25.5	24.5	25.0	27.5	26.5	27.0	30.0	29.5	30.0	24.5	24.0	24.5
10	25.0	24.0	24.5	28.0	27.0	27.5	30.0	29.5	30.0	25.0	24.0	24.5
11	24.5	23.5	24.0	28.0	27.5	28.0	30.0	29.5	30.0	25.0	24.0	24.5
12	24.5	23.5	24.0	28.0	27.5	28.0	30.0	29.5	30.0	25.0	24.0	24.5
13	25.0	24.0	24.5	28.5	27.5	28.0	30.0	29.5	30.0	25.0	24.0	24.5
14	25.0	24.5	24.5	28.5	28.0	28.5	30.0	29.5	29.5	25.0	24.0	24.5
15	25.5	24.5	25.0	29.0	28.5	28.5	29.5	29.0	29.5	25.5	24.5	25.0
16	26.0	25.0	25.5	29.5	29.0	29.0	29.5	29.0	29.0	25.5	24.5	25.0
17	26.0	25.5	25.5	30.0	29.5	29.5	29.5	29.0	29.0	25.0	24.0	24.5
18	26.0	25.5	25.5	30.0	29.5	30.0	29.5	29.0	29.0	24.5	24.0	24.5
19	26.5	26.0	26.0	30.5	30.0	30.0	29.5	29.0	29.5	24.5	24.0	24.0
20	26.5	26.0	26.5	30.5	30.0	30.0	29.5	29.0	29.5	25.0	24.0	24.5
21	26.5	26.5	26.5	30.0	30.0	30.0	29.5	29.5	29.5	25.5	24.5	25.0
22	27.0	26.5	27.0	30.0	29.5	29.5	29.5	29.0	29.5	26.0	24.5	25.5
23	27.5	27.0	27.5	29.5	29.0	29.5	29.0	28.5	29.0	26.0	25.0	25.5
24	28.0	27.5	28.0	29.5	29.0	29.0	29.0	28.5	29.0	26.0	25.0	25.5
25	28.0	28.0	28.0	29.5	29.0	29.5	29.0	28.5	29.0	25.5	25.0	25.5
26	28.5	28.0	28.0	29.5	29.5	29.5	29.0	28.5	29.0	25.5	24.5	25.0
27	28.5	27.0	27.5	30.0	29.0	29.5	29.0	28.5	29.0	25.0	24.0	24.5
28	27.5	26.5	27.0	29.5	29.0	29.5	29.0	27.5	28.5	24.5	24.0	24.5
29	27.0	26.5	27.0	29.5	29.0	29.5	28.5	27.5	28.0	24.5	24.0	24.5
30	27.0	26.5	27.0	30.0	29.5	29.5	28.0	27.5	28.0	24.5	24.0	24.5
31	---	---	---	30.0	29.5	29.5	28.0	27.0	27.5	---	---	---
MONTH	28.5	23.0	25.5	30.5	25.5	28.5	30.5	27.0	29.5	27.0	24.0	25.0
YEAR	30.5	2.0	18.5									

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

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

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	25.5	24.0	24.5	27.5	26.5	27.0	31.0	29.5	30.5	26.5	26.0	26.5
2	25.5	24.5	25.0	27.5	26.0	26.5	31.5	30.0	30.5	27.5	25.5	26.5
3	26.5	24.5	25.0	26.5	26.0	26.5	31.5	30.0	30.5	27.0	26.0	26.5
4	24.5	24.0	24.0	26.5	25.5	26.0	31.0	30.0	30.5	27.0	26.5	26.5
5	26.0	23.5	24.0	26.5	25.5	26.0	31.5	30.0	31.0	26.5	26.0	26.5
6	25.5	23.5	24.0	26.5	25.5	26.0	31.5	30.0	31.0	26.0	25.5	25.5
7	25.5	23.5	24.5	27.5	25.5	26.5	31.5	29.5	30.5	25.5	24.5	25.0
8	25.5	24.5	25.0	27.5	25.5	26.5	31.0	29.5	30.5	25.0	24.0	24.5
9	26.0	24.5	25.5	28.0	26.0	27.0	31.5	30.0	30.5	24.5	24.0	24.5
10	25.5	24.0	25.0	28.5	27.0	27.5	30.5	30.0	30.5	25.0	24.0	24.5
11	25.5	23.0	24.5	28.5	27.5	28.0	31.0	30.0	30.5	25.0	24.5	24.5
12	25.5	24.0	24.5	28.0	27.5	28.0	31.0	30.0	30.5	25.0	24.0	24.5
13	25.5	24.5	25.0	29.5	28.0	28.5	31.0	30.0	30.5	25.5	24.5	25.0
14	25.5	24.5	25.0	29.0	28.0	28.5	31.0	30.0	30.0	25.5	24.5	25.0
15	26.0	25.0	25.5	30.5	28.5	29.0	30.0	29.5	30.0	25.5	24.5	25.0
16	27.0	25.0	26.0	30.5	29.0	29.5	30.5	29.5	30.0	25.0	24.0	24.5
17	27.0	25.5	26.0	31.0	29.5	30.0	31.0	29.0	30.0	24.5	24.0	24.5
18	28.0	25.5	26.5	31.0	29.5	30.0	31.0	29.5	30.0	24.0	24.0	24.0
19	28.0	26.0	27.0	31.0	29.5	30.5	31.0	29.5	30.0	24.5	24.0	24.0
20	28.0	26.5	27.0	31.0	29.5	30.5	30.0	29.0	29.5	25.0	24.0	24.5
21	29.0	26.5	27.5	30.5	29.5	30.0	30.0	29.0	29.5	26.0	24.0	25.0
22	29.0	26.5	28.0	30.0	29.0	29.5	29.5	29.0	29.0	26.0	24.5	25.0
23	29.0	27.0	28.0	30.0	29.0	29.5	29.5	28.0	29.0	26.0	24.5	25.0
24	29.0	27.5	28.0	30.0	28.5	29.5	29.5	28.5	29.0	26.0	24.5	25.0
25	29.5	27.5	28.0	30.5	29.0	30.0	29.5	28.5	29.0	25.5	25.0	25.0
26	29.0	28.0	28.5	30.5	29.0	30.0	29.5	28.5	29.0	25.0	24.0	24.5
27	28.5	27.0	28.0	30.5	29.0	30.0	29.0	28.5	28.5	25.0	24.0	24.5
28	28.0	26.5	27.5	30.0	29.5	29.5	28.5	27.5	28.0	24.5	24.0	24.0
29	28.0	27.0	27.5	30.5	29.5	30.0	28.5	27.5	28.0	24.5	24.0	24.0
30	27.5	26.5	27.0	30.5	29.5	30.0	28.0	27.5	28.0	24.5	24.0	24.0
31	---	---	---	31.0	29.5	30.0	27.5	26.5	27.0	---	---	---
MONTH	29.5	23.0	26.0	31.0	25.5	28.5	31.5	26.5	29.5	27.5	24.0	25.0
YEAR	31.5	2.0	19.0									

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.--Records fair, except for estimated daily discharges, Mar. 10 to Apr. 21 and June 1-9, which are poor.

AVERAGE DISCHARGE.--9 years, 29.4 ft^3/s, 15.12 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, 86 ft^3/s, Jan. 22, gage height, 3.01 ft; minimum, .47 ft^3/s, Aug. 28, gage height, 1.14 ft.

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	9.0	35	52	42	36	20	20	8.8	5.0	8.3	9.0	38
2	11	18	35	35	34	20	18	8.6	3.7	6.5	5.8	15
3	13	16	27	38	35	20	16	8.6	2.7	6.3	4.5	11
4	10	16	34	54	37	20	16	10	2.1	5.6	4.2	8.5
5	8.2	15	28	67	40	21	15	24	1.6	4.4	3.1	10
6	7.4	15	22	73	41	20	15	37	1.2	3.5	2.3	9.6
7	7.0	14	20	69	38	20	15	50	.92	3.0	1.9	15
8	6.6	15	20	56	31	19	14	32	1.0	2.5	1.7	15
9	6.6	14	19	46	29	19	13	20	1.1	2.0	1.4	20
10	6.8	17	20	45	27	25	13	16	2.6	1.7	1.0	27
11	6.8	21	22	46	28	40	12	12	6.2	2.1	.91	37
12	6.9	23	21	42	36	45	19	10	17	1.1	.85	42
13	6.7	27	20	41	43	42	30	9.5	14	.90	.76	20
14	6.7	24	19	44	50	40	33	9.2	8.0	1.2	.67	11
15	6.6	20	22	41	48	35	35	8.9	5.0	1.4	.58	8.0
16	6.6	18	26	37	38	30	30	9.4	3.4	1.9	.56	5.7
17	6.5	19	32	37	31	22	25	20	2.5	2.2	.56	4.6
18	6.5	24	35	45	28	25	20	33	1.6	2.2	.56	9.7
19	6.6	23	27	54	30	30	20	44	.94	1.6	.55	15
20	6.7	24	22	66	34	37	21	34	.69	1.7	.52	21
21	6.9	22	22	78	36	37	22	28	.68	1.4	.51	20
22	7.4	19	36	84	36	36	20	28	.65	4.7	.51	14
23	7.1	17	42	82	30	33	17	20	.67	7.6	.51	9.6
24	7.0	16	47	74	26	27	17	15	.64	11	.51	6.6
25	7.7	16	46	63	24	21	15	15	.69	10	.51	4.9
26	8.7	20	37	54	22	21	13	23	.71	8.3	.51	4.0
27	32	42	28	48	21	23	12	31	2.1	9.4	.51	3.3
28	65	57	31	46	21	25	11	31	1.5	13	.60	2.7
29	76	65	39	43	21	30	9.7	21	1.2	15	8.2	1.9
30	80	64	45	38	---	25	9.0	14	4.3	22	19	2.2
31	67	---	48	37	---	23	---	10	---	14	60	---
TOTAL	517.0	736	944	1625	951	851	545.7	641.0	94.39	176.50	132.79	412.3
MEAN	16.7	24.5	30.5	52.4	32.8	27.5	18.2	20.7	3.15	5.69	4.28	13.7
MAX	80	65	52	84	50	45	35	50	17	22	60	42
MIN	6.5	14	19	35	21	19	9.0	8.6	.64	.90	.51	1.9

CAL YR 1987 TOTAL 13683.0 MEAN 37.5 MAX 732 MIN 2.9
WTR YR 1988 TOTAL 7626.68 MEAN 20.8 MAX 84 MIN .51

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 poor.

AVERAGE DISCHARGE.--29 years, 158 ft^3/s, 19.87 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)
Jan. 21	2000	*286	* 8.01				

Minimum discharge, 25 ft^3/s, June 23, 24, gage height, 3.41 ft.

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	61	81	264	161	145	113	112	79	49	92	35	212
2	59	75	241	145	143	112	106	74	46	95	33	198
3	55	71	183	160	162	115	103	71	44	79	33	103
4	52	68	137	198	169	117	101	68	46	62	30	67
5	49	66	118	210	165	117	100	110	45	53	31	87
6	44	64	109	211	162	116	98	126	43	47	34	106
7	48	61	103	220	160	113	96	120	42	42	34	123
8	43	60	92	224	152	109	96	104	40	37	32	114
9	42	59	88	194	144	106	96	84	39	33	31	115
10	42	70	88	162	139	147	94	75	88	30	28	207
11	43	101	103	155	134	244	90	70	83	27	28	215
12	44	124	122	150	143	255	114	68	65	27	63	211
13	45	125	120	145	154	240	171	65	54	28	80	195
14	46	100	108	144	157	231	188	63	46	28	51	111
15	49	86	106	146	154	179	194	61	41	28	44	76
16	51	78	120	150	148	161	172	58	37	27	40	64
17	48	85	128	147	142	143	143	60	33	26	36	58
18	47	129	120	162	136	131	126	94	32	30	33	104
19	46	134	107	187	136	150	117	98	30	41	30	152
20	46	134	101	227	150	158	118	93	29	63	27	164
21	47	115	101	276	158	160	119	78	28	56	26	165
22	46	97	142	277	159	153	114	68	26	51	29	123
23	46	88	172	268	152	138	106	63	25	47	29	81
24	46	83	177	248	141	125	125	58	27	49	26	68
25	49	81	190	207	133	118	136	66	28	67	26	59
26	50	84	184	175	126	114	128	66	28	61	27	56
27	134	126	152	168	121	114	112	65	38	54	26	54
28	194	167	144	168	118	127	100	63	46	49	28	53
29	184	211	159	160	115	143	91	60	45	45	161	52
30	147	239	167	153	---	136	84	56	52	43	205	48
31	100	---	171	148	---	122	---	52	---	39	200	---
TOTAL	2003	3062	4317	5746	4218	4507	3550	2336	1275	1456	1536	3441
MEAN	64.6	102	139	185	145	145	118	75.4	42.5	47.0	49.5	115
MAX	194	239	264	277	169	255	194	126	88	95	205	215
MIN	42	59	88	144	115	106	84	52	25	26	26	48

CAL YR 1987 TOTAL 57694 MEAN 158 MAX 880 MIN 30
WTR YR 1988 TOTAL 37447 MEAN 102 MAX 277 MIN 25

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 estimated daily discharges: July 1 to Aug. 4, which are poor. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--28 years, 226 ft^3/s, 17.74 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, 347 ft^3/s Jan. 25, gage height, 6.24 ft; minimum, 35 ft^3/s, Aug. 27, 28, gage height, 1.03 ft.

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	110	194	249	231	243	170	171	132	87	90	79	225
2	101	177	269	247	234	165	167	125	84	101	82	232
3	103	165	274	259	266	163	161	118	85	102	79	237
4	95	155	271	269	273	166	159	119	86	96	83	253
5	91	150	242	274	261	172	160	140	87	90	81	282
6	89	140	221	276	255	168	152	150	92	80	83	260
7	90	126	205	294	240	165	156	149	89	74	87	238
8	89	122	191	316	232	163	146	142	93	71	85	216
9	85	120	181	309	227	161	139	135	94	68	82	245
10	84	126	176	302	220	189	135	136	104	62	79	288
11	85	137	172	286	218	226	132	132	105	58	80	297
12	88	131	169	259	218	243	156	126	100	54	80	298
13	85	136	170	246	213	261	192	119	96	50	81	296
14	80	142	166	239	213	274	190	117	92	48	82	289
15	79	144	170	230	213	269	204	112	89	50	82	264
16	80	141	177	221	214	254	220	107	95	49	81	230
17	83	145	173	222	208	235	213	105	81	48	79	196
18	84	160	171	232	204	223	201	109	94	47	78	217
19	85	167	169	243	209	232	206	111	97	50	73	219
20	87	167	166	269	208	222	194	116	90	56	67	219
21	92	164	169	299	213	219	184	115	85	62	62	226
22	89	158	189	324	208	216	178	111	80	70	56	224
23	86	150	198	333	205	204	170	107	78	68	51	202
24	87	148	208	336	208	196	179	116	83	72	47	179
25	90	146	217	341	194	188	182	117	83	85	42	165
26	90	148	230	327	184	184	176	114	85	90	39	154
27	148	167	242	302	179	190	166	107	93	93	37	136
28	192	190	246	284	177	182	161	104	85	89	36	126
29	208	216	251	268	171	178	146	99	83	84	109	118
30	215	232	229	257	---	178	136	95	83	80	163	111
31	207	---	226	252	---	176	---	91	---	76	210	---
TOTAL	3277	4664	6387	8547	6308	6232	5132	3676	2678	2213	2455	6642
MEAN	106	155	206	276	218	201	171	119	89.3	71.4	79.2	221
MAX	215	232	274	341	273	274	220	150	105	102	210	298
MIN	79	120	166	221	171	161	132	91	78	47	36	111

CAL YR 1987 TOTAL 83944 MEAN 230 MAX 1100 MIN 74
WTR YR 1988 TOTAL 58211 MEAN 159 MAX 341 MIN 36

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.--Estimated daily discharges: Oct. 13-20, Nov. 9, 10, May 2-4, 12, 16, June 2, 7, 8, 13, 14. Records fair, except for periods of estimated discharges, which are poor. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft^3.

AVERAGE DISCHARGE.--50 years, 9,772 ft^3/s, 15.03 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, 20,100 ft^3/s, Jan. 20, gage height, 19.48 ft; minimum, 1140 ft^3/s, July 20, Aug. 23; minimum gage height, 1.43 ft, Aug. 23.

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	3530	5240	14100	17300	11800	4960	6290	4600	2940	3070	3120	10800
2	3620	3070	13800	16600	9980	6570	5850	2200	2500	2200	4250	8250
3	5030	2080	12800	15600	7710	7500	5110	2300	4160	3430	3380	4800
4	5000	3360	11700	14900	9670	8440	5460	4400	3340	4020	1750	2760
5	2850	4910	10600	14800	12000	9790	5080	4250	2200	3290	1270	2200
6	5220	4770	8210	16200	14400	7660	7000	6740	2190	2920	3640	3080
7	5590	4220	7630	17300	16000	5040	5830	5670	2200	1640	5130	4360
8	3950	3510	6480	17300	15600	4240	4600	4210	3500	1490	3910	6610
9	3600	1800	4930	16900	14900	4240	2810	2650	2680	1920	2350	6370
10	3500	1700	4780	16400	14100	7920	3180	2260	1700	1940	3550	6770
11	3610	3930	4870	15500	13400	10100	5040	3340	4270	3020	1970	9530
12	1970	2870	5970	14600	13000	10600	4570	2800	4540	1720	2390	10300
13	1500	4650	5990	13500	12700	13300	5670	4950	2400	1900	3360	8580
14	2000	6770	3480	12200	11000	13600	8180	5720	2400	2160	3280	5220
15	1600	6620	3640	11600	8760	11500	6820	3950	3710	3710	1960	5020
16	1500	5970	6940	11500	7020	10100	7440	2500	2560	5370	1270	4880
17	1500	6490	8970	11900	7240	8750	5580	3470	1710	4260	1400	3710
18	1400	7530	9690	12400	7470	8240	3260	5150	2490	2080	2700	3320
19	1500	8470	9930	12700	9390	7990	3760	3800	2640	1280	3380	2340
20	1900	7230	9910	13800	11000	8210	5610	4450	3370	1400	3190	3170
21	4590	5630	9910	16900	10300	5450	6640	7000	2010	2280	2240	6040
22	3550	5170	9930	18900	9040	4200	6380	6250	2790	2260	1450	6150
23	2740	3080	10200	19700	6450	7130	6880	4510	3630	3060	1280	6280
24	1990	2830	11300	20100	5050	7710	6570	3720	3080	3590	1970	5820
25	1720	5330	12300	19800	4380	6770	4350	3460	2970	2790	2330	6920
26	2070	5680	12300	18900	6580	6370	4120	4010	1600	1790	4250	5460
27	1960	5570	12100	17900	8000	8330	6830	6020	1860	3510	4240	2820
28	3580	6800	12000	16900	7190	6040	6050	6360	1500	4420	1920	3460
29	7580	9420	12500	15600	5330	5330	6020	3270	1890	4430	1730	5110
30	6650	12800	15500	14200	---	5790	6090	2390	2590	4400	6920	4970
31	4880	---	17400	13100	---	6890	---	3140	---	3920	10300	---
TOTAL	101680	157500	299860	485000	289460	238760	167070	129540	81420	89270	95880	165100
MEAN	3280	5250	9673	15650	9981	7702	5569	4179	2714	2880	3093	5503
MAX	7580	12800	17400	20100	16000	13600	8180	7000	4540	5370	10300	10800
MIN	1400	1700	3480	11500	4380	4200	2810	2200	1500	1280	1270	2200

CAL YR 1987 TOTAL 4335430 MEAN 11880 MAX 95200 MIN 1400
WTR YR 1988 TOTAL 2300540 MEAN 6286 MAX 20100 MIN 1270

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 1880468 MEAN 5150

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	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)
DEC												
01...	1530	14200	115	7.10	13.0	40	750	8.8	85	450	1500	26
JAN												
26...	0830	18500	85	6.90	6.0	23	760	10.8	87	96	520	22
MAR												
17...	1130	8320	95	7.00	10.5	19	767	9.7	86	320	700	22
MAY												
24...	1220	3700	108	7.30	26.0	10	758	7.1	88	K100	210	19
JUL												
20...	0800	1320	115	7.40	30.0	7.2	765	6.5	86	1900	2800	19
SEP												
29...	1145	5150	130	7.20	23.5	14	767	6.9	81	800	310	21

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)
DEC											
01...	0	6.1	2.6	15	51	1	4.3	27	13	13	0.20
JAN											
26...	6	4.8	2.3	7.1	39	0.7	2.5	16	12	8.5	0.20
MAR											
17...	3	5.0	2.3	9.5	46	0.9	2.2	19	13	7.8	0.10
MAY											
24...	0	4.1	2.2	14	58	1	2.2	24	15	10	0.40
JUL											
20...	0	3.6	2.3	15	60	2	2.7	27	16	11	0.30
SEP											
29...	0	4.2	2.5	17	60	2	3.0	26	20	11	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-PHOROUS DIS-SOLVED (MG/L AS P)
DEC											
01...	9.7	83	85	0.11	3180	1.00	0.110	0.14	0.70	0.220	0.100
JAN											
26...	9.8	60	60	0.08	3000	0.660	0.040	0.05	0.50	0.060	0.040
MAR											
17...	9.2	73	64	0.10	1640	0.660	0.080	0.10	0.60	0.080	0.050
MAY											
24...	8.4	75	73	0.10	749	0.430	0.110	0.14	0.40	0.070	0.060
JUL											
20...	8.2	68	77	0.09	242	0.320	0.030	0.04	0.50	0.070	0.050
SEP											
29...	8.7	94	84	0.13	1310	0.380	0.060	0.08	0.40	0.130	0.070

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DATE	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)	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)
DEC											
01...	0.090	0.28	180	1	17	<0.5	<1	5	<3	3	290
JAN											
26...	0.020	0.06	140	<1	60	<0.5	<1	<1	<3	2	150
MAR											
17...	0.030	0.09	--	--	--	--	--	--	--	--	--
MAY											
24...	0.030	0.09	100	1	60	<0.5	<1	<1	<3	2	330
JUL											
20...	0.030	0.09	50	1	87	<0.5	<1	<1	<3	4	410
SEP											
29...	0.040	0.12	--	--	--	--	--	--	--	--	--

DATE	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)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	URANIUM NATURAL DISSOLVED (UG/L AS U)	VANADIUM, DISSOLVED (UG/L AS V)
DEC											
01...	<5	<4	6	<0.1	<10	5	<1	<1.0	47	0.02	<6
JAN											
26...	<5	<4	15	0.1	<10	<1	<1	<1.0	37	--	<6
MAY											
24...	<5	<4	15	<0.1	<10	3	<1	<1.0	42	0.02	<6
JUL											
20...	<5	5	21	0.1	<10	3	<1	<1.0	41	--	<6

DATE	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (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, DISSOLVED, RADON METHOD (PCI/L)
DEC											
01...	4	52	1990	100	<0.4	0.8	4.8	3.8	0.7	0.7	0.03
JAN											
26...	22	21	1050	97	--	--	--	--	--	--	--
MAR											
17...	--	17	382	100	--	--	--	--	--	--	--
MAY											
24...	23	22	220	95	<0.4	0.5	2.7	2.4	0.6	0.6	0.07
JUL											
20...	24	16	57	100	--	--	--	--	--	--	--
SEP											
29...	--	15	209	100	--	--	--	--	--	--	--

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.--21 years, 27.3 ft^3/s, 13.53 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)
Aug. 25	0015	*228	*5.17				

Minimum discharge, 0.56 ft^3/s, Oct. 9-11, gage height, 0.91 ft; minimum gage height, 0.51 ft, July 12, 13.

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	1.7	11	32	23	26	16	13	13	4.5	2.2	8.3	72
2	1.2	11	21	23	25	15	13	12	4.1	2.0	6.9	51
3	.88	11	17	44	27	14	12	11	3.9	1.8	5.8	41
4	.80	12	15	103	33	14	12	14	4.0	1.8	4.8	40
5	.83	12	13	69	35	14	12	26	3.6	1.6	4.0	71
6	.78	12	11	45	30	14	11	21	3.2	1.4	3.6	67
7	.75	13	9.5	36	26	13	11	17	3.0	1.3	5.5	45
8	.67	12	9.5	36	24	13	11	14	2.9	1.2	3.9	30
9	.60	12	9.9	32	23	12	10	12	3.1	1.1	2.8	59
10	.57	14	11	29	22	41	9.7	10	7.8	.98	2.4	127
11	.59	16	20	29	21	147	9.4	9.7	7.3	.90	2.2	85
12	.68	16	24	28	28	122	17	8.8	6.0	.84	2.2	52
13	1.1	13	19	28	31	87	91	8.1	5.1	3.1	2.5	34
14	.93	13	16	29	27	63	96	8.1	4.3	6.1	2.4	26
15	.84	14	17	27	25	47	68	7.9	3.7	2.8	3.7	22
16	.73	16	20	26	24	37	45	6.9	3.4	4.5	3.7	19
17	.71	14	20	27	22	32	34	7.3	3.2	12	2.8	18
18	.71	15	18	70	21	28	29	8.5	3.0	5.8	2.0	21
19	.71	17	16	114	23	32	34	7.3	2.7	3.8	1.6	49
20	.78	18	16	128	27	31	34	17	2.4	4.5	1.4	81
21	.84	17	15	118	27	27	28	13	2.2	3.6	1.3	50
22	.82	16	16	85	24	24	23	10	2.0	2.7	1.2	33
23	.87	16	17	63	22	22	21	9.4	1.9	2.7	1.2	24
24	.90	16	16	49	21	21	26	8.1	1.7	3.5	38	20
25	1.4	16	16	43	20	21	27	8.3	1.6	4.7	122	20
26	2.7	17	15	41	19	21	23	8.2	1.5	3.5	34	19
27	6.3	25	14	35	19	20	20	7.3	1.8	11	20	18
28	13	46	19	31	18	21	18	6.8	2.1	40	20	16
29	12	54	37	29	17	17	16	6.0	1.8	22	45	14
30	12	47	35	27	---	16	14	5.4	1.9	14	135	12
31	10	---	26	26	---	15	---	4.9	---	11	105	---
TOTAL	77.39	542	560.9	1493	707	1017	788.1	327.0	99.7	178.42	595.2	1236
MEAN	2.50	18.1	18.1	48.2	24.4	32.8	26.3	10.5	3.32	5.76	19.2	41.2
MAX	13	54	37	128	35	147	96	26	7.8	40	135	127
MIN	.57	11	9.5	23	17	12	9.4	4.9	1.5	.84	1.2	12

CAL YR 1987 TOTAL 8442.82 MEAN 23.1 MAX 317 MIN .13
WTR YR 1988 TOTAL 7621.71 MEAN 20.8 MAX 147 MIN .57

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 fair, except estimated daily discharges: Nov. 22 to Dec. 2, July 2 to Aug. 4, which are poor.

AVERAGE DISCHARGE.--12 years, 23.3 ft^3/s, 13.02 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)
Aug. 30	0650	*522	*5.90				

Minimum daily, no flow Aug. 21-27.

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	2.8	2.4	24	27	29	15	17	4.8	1.3	6.4	.35	16
2	1.8	2.5	20	40	28	15	17	4.7	1.1	5.0	.05	9.5
3	1.5	3.0	17	53	31	14	16	4.1	1.1	3.0	.11	7.2
4	1.4	3.5	17	65	36	14	16	3.9	1.3	1.9	.50	12
5	1.4	3.1	17	46	33	14	14	15	1.2	1.2	.89	64
6	1.4	2.4	15	34	29	13	12	12	1.1	.80	1.1	30
7	1.5	2.2	14	30	25	13	14	7.9	1.0	.64	2.0	15
8	1.5	2.3	14	32	24	12	13	4.9	1.0	.50	1.4	11
9	1.2	2.4	15	29	25	14	11	3.8	.92	.58	.77	51
10	1.2	14	20	27	23	60	10	3.7	2.3	.70	.44	58
11	1.2	20	23	27	25	63	9.9	3.9	1.9	.90	.59	30
12	1.3	11	18	28	30	38	28	3.3	1.3	.96	1.4	21
13	1.3	7.2	16	35	28	36	38	3.4	1.1	1.1	.79	15
14	1.2	6.1	14	39	26	30	24	2.7	.95	.85	.32	12
15	1.2	5.8	22	34	25	26	19	2.3	.83	.52	.28	10
16	1.2	5.0	22	32	24	24	19	2.3	.66	1.0	.31	9.5
17	1.6	9.3	16	37	21	22	15	4.3	.60	.96	.17	9.0
18	1.2	26	13	68	21	23	14	7.4	.59	.60	.20	46
19	1.4	15	14	63	31	37	18	4.3	.42	.25	.06	39
20	1.3	11	13	87	34	29	17	3.0	.36	.06	.01	25
21	1.1	9.9	15	70	27	25	13	2.4	.22	.06	.00	18
22	1.2	10	63	50	22	21	10	2.8	.18	.07	.00	13
23	1.4	9.6	43	42	21	20	10	2.0	.15	.13	.0	12
24	1.6	9.8	30	37	20	20	21	5.2	.10	7.0	.00	8.8
25	1.6	9.4	27	39	18	20	15	4.5	.09	5.4	.00	7.5
26	1.5	12	26	41	17	20	15	3.7	.07	4.0	.00	7.7
27	5.5	80	25	34	19	35	9.3	2.6	8.4	3.5	.00	7.7
28	6.6	66	42	30	17	25	7.3	2.4	2.1	15	11	7.3
29	3.7	48	47	28	16	21	6.1	1.9	.67	11	48	5.4
30	3.0	33	32	28	---	19	5.5	1.5	7.9	6.0	146	5.0
31	3.3	---	27	27	---	18	---	1.3	---	2.2	30	---
TOTAL	59.1	441.9	721	1259	725	756	454.1	132.0	40.91	82.28	246.74	582.6
MEAN	1.91	14.7	23.3	40.6	25.0	24.4	15.1	4.26	1.36	2.65	7.96	19.4
MAX	6.6	80	63	87	36	63	38	15	8.4	15	146	64
MIN	1.1	2.2	13	27	16	12	5.5	1.3	.07	.06	.00	5.0

CAL YR 1987 TOTAL 10379.02 MEAN 28.4 MAX 549 MIN .00
WTR YR 1988 TOTAL 5500.63 MEAN 15.0 MAX 146 MIN .00

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.--8 years, 21.7 ft^3/s, 12.32 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, 446 ft^3/s, Aug. 29, gage height, 6.67 ft^3/s; minimum daily, 0.53 ft^3/s, Aug. 20.

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	8.4	5.8	17	25	22	15	15	8.5	4.0	4.2	1.6	22
2	6.9	5.9	14	24	21	14	14	8.5	3.7	2.7	.77	15
3	6.2	8.0	13	38	30	14	14	7.8	3.2	1.9	.73	12
4	5.6	7.0	11	55	32	15	15	8.2	2.9	2.1	6.5	14
5	4.5	7.7	10	42	28	15	14	24	2.6	2.1	29	126
6	4.2	7.0	9.8	30	23	14	13	15	2.4	1.9	8.9	53
7	3.8	5.6	10	26	21	14	13	11	2.3	1.3	7.5	25
8	3.4	5.4	9.5	24	21	13	13	8.6	2.4	1.1	3.9	17
9	3.6	6.1	11	26	20	15	12	7.8	2.7	1.4	2.4	61
10	3.3	14	13	24	20	43	11	7.5	3.6	1.7	3.5	76
11	3.0	14	15	23	19	45	11	7.6	3.2	1.8	4.5	35
12	2.9	9.1	14	21	22	26	38	7.4	2.8	1.7	3.3	25
13	3.1	7.3	12	22	19	24	42	7.0	2.4	1.7	2.6	21
14	3.0	6.4	10	25	18	21	24	6.1	2.2	2.8	2.4	18
15	2.9	6.1	9.4	23	19	18	19	6.0	2.3	2.4	2.6	14
16	2.8	6.1	12	22	20	17	19	7.2	2.4	1.5	2.0	13
17	3.5	22	11	26	20	17	16	9.1	2.5	3.0	1.8	14
18	3.1	28	9.8	57	18	18	15	8.8	2.6	2.3	1.3	41
19	2.8	15	9.0	56	25	27	19	7.0	2.5	1.2	1.2	31
20	3.0	11	8.8	101	25	21	17	6.1	2.4	1.3	.53	24
21	3.4	9.1	9.4	80	20	19	15	5.2	1.8	.81	.58	19
22	3.9	8.4	13	51	18	17	14	4.8	1.8	.94	.77	15
23	4.2	8.1	54	39	18	16	13	5.2	1.3	4.3	.65	12
24	6.4	8.4	40	33	18	16	16	13	1.3	5.5	.72	11
25	5.4	8.0	31	32	17	16	15	9.7	.97	3.0	6.7	10
26	5.1	9.3	25	32	16	16	12	8.2	.98	2.0	3.5	9.7
27	11	61	22	26	16	22	12	6.7	1.4	2.7	2.0	9.3
28	12	46	24	24	16	18	11	5.8	1.2	8.4	37	8.7
29	7.6	36	37	23	16	16	10	5.4	1.3	5.1	236	8.3
30	6.3	23	51	22	---	15	8.7	4.8	2.7	2.8	101	7.9
31	5.6	---	35	22	---	15	---	4.6	---	2.1	46	---
TOTAL	150.9	414.8	570.7	1074	598	592	480.7	252.6	69.85	77.75	521.95	767.9
MEAN	4.87	13.8	18.4	34.6	20.6	19.1	16.0	8.15	2.33	2.51	16.8	25.6
MAX	12	61	54	101	32	45	42	24	4.0	8.4	236	126
MIN	2.8	5.4	8.8	21	16	13	8.7	4.6	.97	.81	.53	7.9

CAL YR 1987 TOTAL 10326.42 MEAN 28.3 MAX 518 MIN .56
WTR YR 1988 TOTAL 5571.15 MEAN 15.2 MAX 236 MIN .53

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: Aug. 24-28, which are poor.

AVERAGE DISCHARGE.--59 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, 2,410 ft^3/s, Jan. 28, 29, gage height, 10.02 ft; minimum daily, 120 ft^3/s, Aug. 27.

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	510	716	912	1210	1650	868	701	532	330	168	421	483
2	473	799	1010	1200	1460	828	695	483	299	193	402	664
3	449	760	1130	1330	1350	802	663	442	273	204	309	807
4	445	650	1260	1630	1320	788	632	422	253	206	255	924
5	457	573	1370	1730	1320	774	607	504	238	247	218	1110
6	445	523	1470	1690	1310	747	585	524	223	268	196	1770
7	416	493	1480	1680	1310	724	571	479	213	243	201	2280
8	386	478	1230	1690	1340	710	563	451	210	213	265	2110
9	364	472	891	1770	1360	707	553	468	215	193	274	1840
10	349	496	752	1900	1360	977	531	495	225	180	310	1640
11	340	530	745	2030	1330	1520	514	470	232	169	299	1480
12	333	517	735	2180	1300	1640	569	413	239	159	259	1520
13	322	528	720	2220	1230	1640	1160	366	286	155	228	1670
14	312	561	710	2100	1180	1610	1400	337	347	154	203	1720
15	307	617	714	1860	1150	1560	1280	320	365	149	187	1620
16	304	684	764	1640	1140	1530	1180	307	315	152	182	1520
17	302	729	773	1510	1130	1540	1120	300	270	161	189	1490
18	300	755	754	1640	1120	1570	1110	312	237	156	186	1520
19	300	718	746	1880	1130	1540	1150	310	216	160	175	1410
20	299	685	752	2060	1190	1330	1120	299	201	159	167	1050
21	295	699	760	2260	1220	1090	957	298	201	158	159	806
22	291	758	756	2310	1200	968	826	341	210	165	154	763
23	290	832	742	2250	1160	935	745	383	205	179	145	815
24	290	864	720	2200	1140	962	744	348	191	185	134	896
25	290	814	727	2200	1140	982	740	312	183	197	133	967
26	290	735	795	2260	1120	933	685	312	174	191	124	967
27	315	763	907	2330	1050	858	631	337	168	221	120	840
28	391	808	1070	2390	973	789	611	358	164	269	132	836
29	444	827	1360	2380	909	739	613	397	159	308	172	900
30	519	855	1450	2210	---	708	589	400	158	349	244	854
31	613	---	1340	1930	---	691	---	370	---	340	301	---
TOTAL	11441	20239	29545	59670	35592	33060	23845	12090	7000	6251	6744	37272
MEAN	369	675	953	1925	1227	1066	795	390	233	202	218	1242
MAX	613	864	1480	2390	1650	1640	1400	532	365	349	421	2280
MIN	290	472	710	1200	909	691	514	298	158	149	120	483

CAL YR 1987 TOTAL 484549 MEAN 1328 MAX 9850 MIN 212
WTR YR 1988 TOTAL 282749 MEAN 773 MAX 2390 MIN 120

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 216884 MEAN 594 MAX 2560 MIN 110

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	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)
DEC												
01...	1700	830	75	6.60	11.5	4.3	753	8.6	80	220	920	14
JAN												
26...	1130	2260	65	6.30	6.5	9.1	762	10.2	83	K64	930	14
MAR												
17...	0900	1530	66	6.60	9.0	9.2	768	9.6	82	K120	1000	14
MAY												
24...	1445	354	130	7.20	25.0	3.6	758	7.4	90	K33	400	11
JUL												
20...	1030	164	121	7.30	29.0	2.4	765	6.2	80	1700	1300	10
SEP												
29...	0915	868	82	6.70	21.0	4.5	765	6.5	73	300	1600	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)	SILICA, DIS-SOLVED (MG/L AS SIO2)
DEC												
01...	3	3.3	1.4	10	57	1	1.8	11	11	13	0.10	8.0
JAN												
26...	7	3.3	1.4	6.2	45	0.7	1.7	7.0	11	8.4	0.10	6.8
MAR												
17...	4	3.3	1.3	7.5	51	0.9	1.5	10	10	10	0.10	4.7
MAY												
24...	0	2.4	1.2	22	72	3	5.7	20	25	13	0.30	5.9
JUL												
20...	0	2.3	1.1	20	78	3	1.4	17	23	10	0.20	4.9
SEP												
29...	3	4.3	1.7	10	52	1	1.8	15	14	8.9	0.10	8.9

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-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)
DEC												
01...	56	57	0.08	125	0.100	<0.010	--	0.40	0.050	0.040	0.020	0.06
JAN												
26...	55	45	0.07	336	0.270	0.020	0.03	0.40	<0.010	0.010	<0.010	--
MAR												
17...	55	45	0.07	227	0.130	0.020	0.03	0.50	0.040	0.020	<0.010	--
MAY												
24...	90	90	0.12	86.0	0.370	0.030	0.04	0.60	0.060	0.050	0.020	0.06
JUL												
20...	72	77	0.10	31.9	0.580	0.050	0.06	0.70	0.070	0.060	0.050	0.15
SEP												
29...	88	59	0.12	206	0.140	0.070	0.09	0.60	0.070	0.070	0.030	0.09

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--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)
DEC												
01...	100	<1	14	<0.5	<1	<1	<3	2	680	<5	<4	25
JAN												
26...	230	<1	43	<0.5	<1	<1	<3	2	330	<5	<4	13
MAY												
24...	70	1	36	<0.5	<1	<1	4	3	830	<5	<4	35
JUL												
20...	40	<1	45	<0.5	<1	<1	<3	4	710	<5	<4	50

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
DEC											
01...	<0.1	<10	4	<1	<1.0	22	<6	<3	4	9.0	96
JAN											
26...	0.1	<10	<1	<1	<1.0	20	<6	20	4	24	100
MAR											
17...	--	--	--	--	--	--	--	--	8	33	100
MAY											
24...	0.3	<10	3	<1	1.0	18	<6	16	9	8.6	89
JUL											
20...	0.2	<10	3	<1	<1.0	19	<6	15	2	0.89	100
SEP											
29...	--	--	--	--	--	--	--	--	7	16	100

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 fair.

AVERAGE DISCHARGE.--47 years, 3,141 ft^3/s, 15.29 in/yr.

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

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,110 ft^3/s, Jan. 28, gage height, 8.77 ft; minimum, 303 ft^3/s, Aug. 24, gage height, 2.81 ft.

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	1060	418	1310	1780	5480	2910	2330	1730	930	332	1950	645
2	981	436	1450	1840	5200	2750	2220	1600	867	327	1930	744
3	894	459	1550	1990	4910	2610	2110	1480	796	337	1890	919
4	808	482	1660	2190	4730	2500	2010	1420	737	368	1830	1140
5	739	511	1740	2390	4520	2380	1920	1380	663	393	1710	1370
6	674	536	1770	2660	4330	2280	1830	1490	592	403	1560	1570
7	625	560	1750	2940	4150	2180	1740	1750	537	400	1420	1700
8	588	589	1700	3280	3980	2090	1670	1880	521	387	1320	1790
9	563	614	1660	3450	3830	2000	1580	1880	564	368	1220	1960
10	543	627	1600	3690	3720	2220	1480	1830	573	344	1100	2240
11	526	641	1540	3960	3650	2450	1400	1750	544	327	953	2460
12	511	630	1510	4170	3620	2680	1410	1630	541	320	818	2670
13	495	605	1500	4370	3510	2960	1700	1480	615	314	715	2860
14	480	583	1480	4530	3410	3170	2010	1360	695	322	616	3020
15	465	573	1470	4640	3290	3320	2450	1250	751	351	539	3120
16	451	583	1470	4650	3200	3360	2860	1150	808	363	484	3160
17	440	625	1460	4580	3100	3340	3080	1060	830	345	437	3130
18	431	711	1450	4580	3040	3280	3230	974	817	320	402	3120
19	424	753	1420	4630	3080	3230	3370	877	775	318	375	3130
20	419	784	1390	4870	3130	3100	3300	809	697	326	350	3050
21	414	805	1360	5200	3240	2970	3150	765	607	325	331	2910
22	408	816	1360	5550	3320	2830	2980	752	530	325	319	2770
23	403	813	1370	5780	3450	2720	2810	766	471	332	308	2620
24	401	797	1380	5870	3500	2640	2670	783	423	396	309	2490
25	401	779	1390	5910	3480	2630	2520	912	395	578	360	2440
26	403	782	1400	6040	3410	2690	2400	917	375	788	348	2380
27	411	796	1410	6070	3330	2670	2290	936	362	944	336	2390
28	411	884	1440	6080	3220	2660	2160	966	348	1200	357	2420
29	407	1020	1500	5990	3080	2640	2000	970	337	1490	436	2450
30	404	1170	1590	5850	---	2560	1860	966	332	1790	519	2460
31	408	---	1710	5690	---	2450	---	959	---	1920	587	---
TOTAL	16588	20382	46790	135220	107910	84270	68540	38472	18033	17053	25829	69128
MEAN	535	679	1509	4362	3721	2718	2285	1241	601	550	833	2304
MAX	1060	1170	1770	6080	5480	3360	3370	1880	930	1920	1950	3160
MIN	401	418	1310	1780	3040	2000	1400	752	332	314	308	645

CAL YR 1987 TOTAL 1149429 MEAN 3149 MAX 17900 MIN 381
WTR YR 1988 TOTAL 648215 MEAN 1771 MAX 6080 MIN 308

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 525302 MEAN 1439 MAX 4330 MIN 361

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, 3.0 mg/L, May 7, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 178 microsiemens, July 13; minimum, 50 microsiemens, Feb. 1.
pH: Maximum, 7.8 units, May 20, 23; minimum, 5.8 units, Sept.11.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 21; minimum, 2.5°C, Jan 16.
DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 17-19; minimum, 3.5 mg/L, Sept. 16, 21.

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	100	90	94	116	95	104	90	70	84	92	82	85
2	110	90	101	115	94	99	80	70	78	---	---	---
3	120	90	102	103	82	93	110	90	95	93	83	85
4	120	100	106	111	82	95	100	80	87	94	83	85
5	120	100	112	101	90	97	80	80	80	85	74	83
6	120	100	109	100	80	90	90	70	82	85	75	82
7	120	100	109	100	80	93	90	80	83	86	75	79
8	120	100	112	110	80	99	90	80	84	87	76	79
9	120	100	112	110	90	99	90	80	82	87	77	84
10	110	100	108	110	90	100	90	80	84	88	77	81
11	110	100	108	110	90	102	91	80	84	88	78	81
12	110	110	110	110	90	104	92	81	83	89	78	82
13	120	110	116	110	90	101	93	82	85	90	79	83
14	130	110	120	110	90	102	94	83	88	90	70	77
15	130	110	120	110	100	105	105	84	93	80	70	73
16	130	120	123	110	90	101	96	85	90	80	70	73
17	130	120	127	100	90	94	107	86	96	80	70	75
18	130	120	126	100	90	93	107	87	95	---	---	---
19	130	120	125	100	90	96	108	88	98	---	---	---
20	130	120	126	100	90	94	110	89	102	---	---	---
21	130	120	128	100	90	95	120	100	110	---	---	---
22	140	120	133	110	90	95	110	90	101	---	---	---
23	150	130	132	100	80	94	110	100	102	---	---	---
24	160	140	152	100	80	92	100	90	99	---	---	---
25	150	120	135	100	90	95	100	80	95	---	---	---
26	130	120	122	100	90	94	---	---	---	80	70	75
27	120	110	116	100	80	92	---	---	---	80	70	71
28	130	110	120	100	80	90	100	80	95	80	70	71
29	130	119	122	90	80	86	100	90	95	80	70	74
30	129	109	125	90	80	89	101	90	94	80	70	72
31	127	108	119	---	---	---	101	71	89	80	60	75
MONTH	160	90	118	116	80	96	120	70	91	94	60	78

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, 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	80	50	74	91	80	84	100	80	93	110	90	99
2	80	70	77	92	81	87	90	80	89	110	90	99
3	80	70	77	94	83	89	100	80	87	110	90	97
4	80	70	78	95	74	85	100	80	86	110	90	100
5	80	80	80	88	86	87	100	90	94	110	90	105
6	80	80	80	99	88	90	101	90	94	120	100	105
7	80	80	80	110	89	103	111	91	95	130	100	114
8	80	80	80	110	90	101	102	92	93	120	100	110
9	80	80	80	110	70	95	103	82	95	110	100	106
10	90	80	81	100	70	94	103	84	95	110	100	104
11	80	70	78	110	70	100	104	94	97	110	100	105
12	90	70	80	110	90	101	115	94	106	120	100	109
13	90	70	80	100	90	99	115	85	98	120	100	110
14	90	70	80	100	90	97	116	96	102	120	100	109
15	90	80	83	90	80	89	107	87	99	130	110	114
16	90	70	81	100	80	89	97	87	90	120	100	113
17	90	70	78	100	80	90	98	88	90	120	100	109
18	80	70	77	100	90	94	99	78	88	120	100	109
19	80	70	77	100	90	95	90	79	84	130	100	118
20	90	80	81	100	90	94	90	80	84	130	110	123
21	90	80	81	100	90	92	100	80	89	140	120	128
22	100	80	88	99	79	90	100	80	91	130	120	123
23	90	80	84	99	78	87	100	90	92	130	110	122
24	80	70	80	97	78	92	100	90	96	130	110	122
25	80	70	77	96	86	93	100	90	95	130	110	121
26	80	70	78	95	94	94	100	90	92	130	120	122
27	90	70	80	94	82	84	100	80	94	130	120	122
28	90	80	83	101	81	89	110	90	99	130	120	126
29	90	80	85	110	80	95	110	90	98	130	120	126
30	---	---	---	100	80	94	110	90	97	130	120	123
31	---	---	---	100	80	91	---	---	---	130	120	124
MONTH	100	50	80	110	70	92	116	78	93	140	90	113

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	130	120	125	160	140	150	126	116	120	140	120	135
2	140	120	129	160	150	151	126	106	117	130	110	122
3	130	120	129	160	150	155	127	117	122	120	100	111
4	140	120	133	160	150	155	127	107	122	110	100	109
5	150	130	139	160	140	155	128	117	122	130	110	119
6	140	120	129	150	130	144	128	118	124	130	120	124
7	140	130	135	150	140	143	129	118	125	120	110	119
8	140	130	131	150	140	144	139	129	131	130	120	123
9	150	130	138	149	130	140	129	119	123	120	110	114
10	140	130	136	166	127	147	130	120	127	110	100	105
11	140	130	135	163	134	147	130	110	120	100	90	99
12	140	120	135	170	139	154	130	110	120	100	90	93
13	150	130	140	178	137	152	120	110	115	90	80	88
14	140	120	131	166	137	151	130	110	118	90	80	90
15	150	130	138	165	135	154	140	120	129	90	80	88
16	150	130	139	164	132	151	140	120	129	90	80	85
17	140	130	135	152	121	139	140	130	133	90	80	83
18	140	120	130	150	120	130	140	130	131	90	80	83
19	150	130	139	140	120	128	140	130	132	90	80	83
20	150	140	146	131	121	127	150	130	141	90	80	82
21	150	130	140	131	121	126	160	130	142	90	80	84
22	140	120	130	132	121	129	150	130	140	90	80	87
23	140	130	137	142	132	132	160	140	146	90	80	88
24	140	130	137	152	123	139	150	130	141	90	80	84
25	140	120	136	143	123	136	140	130	139	90	80	82
26	140	120	131	153	133	146	140	130	136	90	80	86
27	150	130	138	144	124	131	150	130	140	100	80	91
28	150	130	140	134	124	126	150	140	143	100	90	92
29	150	130	139	144	124	130	150	140	145	100	80	92
30	150	130	143	135	115	129	150	140	143	100	90	93
31	---	---	---	136	116	127	150	130	140	---	---	---
MONTH	150	120	135	178	115	141	160	106	131	140	80	98
YEAR	178	50	107									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.0	6.7	7.0	6.7	7.2	6.6	7.1	6.9	7.0	6.7	7.1	6.6
2	6.9	6.7	7.0	6.7	6.7	6.3	7.1	7.0	7.0	6.6	7.0	6.5
3	6.9	6.6	6.9	6.6	6.4	6.3	7.2	7.0	7.0	6.7	6.9	6.5
4	6.9	6.7	7.0	6.7	6.5	6.3	7.1	6.9	6.9	6.7	6.6	6.2
5	7.0	6.7	7.0	6.7	6.5	6.4	7.1	6.9	7.0	6.6	6.6	6.2
6	6.9	6.7	7.1	6.8	6.7	6.5	7.1	6.8	6.7	6.5	6.7	6.1
7	7.0	6.7	7.1	6.6	6.8	6.7	6.9	6.6	6.5	6.4	6.8	6.0
8	7.0	6.7	7.1	6.8	7.0	6.8	6.6	6.2	6.8	6.5	7.0	6.6
9	7.0	6.7	7.2	6.8	7.1	7.0	7.0	5.9	7.0	6.7	6.7	6.2
10	7.0	6.7	7.2	6.4	7.2	7.1	7.2	6.9	6.9	6.6	6.4	6.1
11	7.0	6.7	6.9	6.5	7.2	7.2	6.9	6.6	6.8	6.6	6.4	5.8
12	7.1	6.8	6.9	6.6	7.2	7.2	7.0	6.5	6.9	6.6	6.7	6.2
13	7.1	6.7	7.0	6.5	7.2	7.2	7.4	7.0	6.8	6.5	6.6	6.3
14	7.0	6.8	7.1	6.6	7.2	7.2	7.3	7.0	6.9	6.6	6.6	6.1
15	7.1	6.8	7.2	6.3	7.2	7.2	7.6	7.1	7.1	6.7	6.5	6.3
16	7.0	6.7	7.1	6.5	7.2	7.2	7.5	7.2	7.0	6.7	6.5	6.2
17	6.9	6.7	7.2	6.7	7.2	7.2	7.6	7.1	7.1	6.7	6.5	6.2
18	6.9	6.7	7.2	6.7	7.2	7.2	7.6	7.1	7.1	6.7	6.5	6.2
19	6.8	6.7	7.4	7.1	7.2	7.2	7.4	7.2	7.1	6.7	6.6	6.3
20	6.8	6.6	7.8	7.2	7.2	7.1	7.3	7.2	7.3	6.8	6.5	6.3
21	6.8	6.6	7.5	7.2	7.1	6.8	7.3	7.2	7.4	7.0	6.6	6.4
22	6.8	6.6	7.4	7.1	7.0	6.8	7.3	7.2	7.4	7.1	6.7	6.4
23	6.8	6.6	7.8	6.6	7.0	6.8	7.3	7.2	7.5	7.3	6.7	6.4
24	6.9	6.6	7.5	6.5	7.0	6.8	7.2	7.2	7.3	7.1	6.7	6.5
25	6.8	6.4	7.3	6.3	7.0	6.8	7.4	7.2	7.1	7.0	6.7	6.5
26	6.8	6.6	7.2	6.4	7.0	6.8	7.3	7.2	7.0	6.6	6.8	6.5
27	6.7	6.5	7.0	6.0	7.0	6.7	7.2	7.0	7.1	6.8	6.8	6.6
28	6.9	6.5	7.1	6.3	6.9	6.8	7.1	6.9	7.1	6.8	6.7	6.5
29	6.9	6.5	7.2	6.7	6.9	6.8	7.1	7.0	7.0	6.5	6.8	6.5
30	6.9	6.6	7.2	6.5	7.0	6.8	7.1	6.9	6.9	6.6	6.9	6.5
31	---	---	7.3	6.7	---	---	7.1	6.8	6.9	6.6	---	---
MONTH	7.1	6.4	7.8	6.0	7.2	6.3	7.6	5.9	7.5	6.4	7.1	5.8

YEAR MAXIMUM 7.8 MINIMUM 5.8

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

TEMPERATURE (°C) OF WATER, 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	24.0	23.5	23.5	16.0	16.0	16.0	14.0	13.5	14.0	10.5	10.0	10.5
2	23.5	22.5	23.0	16.5	16.0	16.5	13.5	13.0	13.0	10.5	10.0	10.5
3	23.0	22.0	22.5	17.0	16.5	17.0	13.0	12.5	12.5	10.0	9.5	10.0
4	22.0	21.0	21.5	17.5	17.0	17.0	12.5	12.0	12.0	9.5	9.0	9.0
5	21.5	20.5	21.0	18.0	17.5	17.5	12.0	11.0	11.5	9.0	8.5	8.5
6	21.0	20.5	20.5	18.0	17.5	18.0	11.0	10.5	10.5	8.5	7.5	8.0
7	20.5	20.0	20.5	17.5	17.0	17.5	10.5	10.0	10.0	7.5	6.0	7.0
8	21.0	20.5	20.5	17.0	16.5	17.0	10.0	9.5	10.0	6.0	4.5	5.5
9	20.5	19.5	20.0	16.5	16.5	16.5	10.5	10.0	10.0	4.5	4.0	4.5
10	20.0	19.5	19.5	17.0	16.5	16.5	11.5	10.5	11.0	4.0	3.5	4.0
11	20.0	20.0	20.0	17.0	16.5	16.5	12.5	11.5	12.0	3.5	3.5	3.5
12	20.0	19.5	20.0	16.5	15.5	16.0	12.5	12.0	12.0	3.5	3.5	3.5
13	19.5	19.0	19.0	15.5	15.0	15.0	12.0	12.0	12.0	4.0	3.5	3.5
14	18.5	18.0	18.5	14.5	14.0	14.5	12.0	11.5	12.0	4.0	3.5	4.0
15	18.0	18.0	18.0	14.0	13.5	14.0	12.5	12.0	12.0	3.5	3.0	3.5
16	18.0	17.5	17.5	14.0	13.5	14.0	12.5	12.0	12.5	3.0	2.5	3.0
17	18.0	17.5	17.5	14.5	14.0	14.0	12.0	10.5	11.5	3.5	3.0	3.0
18	18.0	17.5	18.0	15.5	14.5	15.0	11.0	9.5	10.0	4.0	3.5	4.0
19	18.5	18.0	18.0	15.5	15.0	15.5	10.0	9.0	9.5	5.0	4.0	4.5
20	18.5	18.5	18.5	15.5	15.0	15.5	10.0	9.5	9.5	6.0	5.0	5.5
21	19.0	18.5	19.0	15.0	14.5	15.0	10.5	10.0	10.0	6.5	6.0	6.5
22	19.0	19.0	19.0	14.5	13.5	14.0	10.5	10.0	10.5	7.0	6.5	7.0
23	19.0	18.5	18.5	13.5	12.5	13.0	11.0	10.0	10.5	7.0	6.5	7.0
24	18.5	18.0	18.0	13.0	12.0	12.5	11.0	10.5	10.5	7.0	6.5	7.0
25	18.0	17.5	17.5	12.5	12.0	12.5	11.5	11.0	11.5	7.0	7.0	7.0
26	17.5	17.5	17.5	13.5	12.5	13.0	12.5	11.5	12.0	7.0	6.5	7.0
27	17.5	17.5	17.5	14.0	13.5	13.5	13.0	12.0	12.5	6.5	6.0	6.5
28	17.5	17.5	17.5	14.0	13.5	14.0	12.5	12.0	12.5	6.0	5.5	5.5
29	17.5	17.0	17.0	15.0	14.0	14.5	12.5	12.0	12.5	6.0	5.5	5.5
30	17.0	16.5	16.5	15.0	14.5	14.5	11.5	11.0	11.5	6.0	5.5	6.0
31	16.5	16.0	16.5	---	---	---	11.0	10.5	10.5	6.5	6.0	6.0
MONTH	24.0	16.0	19.0	18.0	12.0	15.0	14.0	9.0	11.5	10.5	2.5	6.0

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

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

TEMPERATURE (°C) OF WATER, 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	26.0	24.5	25.0	28.0	27.0	27.0	30.5	29.5	29.5	27.0	26.0	26.5
2	27.5	25.5	26.5	28.0	26.5	27.0	30.5	29.5	30.0	26.5	25.5	26.0
3	28.0	26.5	27.0	27.0	26.5	27.0	30.5	29.5	30.0	26.5	25.5	26.0
4	27.0	26.5	26.5	26.5	26.0	26.5	30.5	29.5	30.0	26.0	26.0	26.0
5	26.5	26.0	26.5	26.0	25.5	26.0	30.0	29.0	29.5	26.0	25.5	25.5
6	26.0	25.5	26.0	26.0	25.5	26.0	29.5	29.0	29.0	25.5	25.0	25.5
7	26.5	25.0	26.0	26.5	25.5	26.0	29.0	28.5	28.5	25.0	24.5	24.5
8	27.0	26.0	26.5	27.0	26.0	26.5	29.5	28.5	29.0	24.5	23.0	24.0
9	27.5	26.5	27.0	27.5	26.5	27.0	30.0	29.0	29.5	24.0	23.0	23.5
10	27.5	26.5	27.0	28.5	27.5	28.0	29.5	28.5	29.0	24.0	23.0	23.5
11	26.5	25.5	26.0	29.0	28.0	28.5	30.0	28.5	29.0	24.0	23.5	23.5
12	25.5	25.0	25.0	29.0	28.5	29.0	31.0	29.0	29.5	24.0	23.5	23.5
13	25.5	24.5	25.0	30.0	28.5	29.0	29.5	29.0	29.0	24.0	23.5	23.5
14	26.0	25.0	25.5	29.5	29.0	29.0	30.0	28.5	29.0	24.5	24.0	24.0
15	26.5	25.5	26.0	31.0	29.5	30.0	29.0	28.5	29.0	24.5	24.0	24.0
16	27.5	26.0	26.5	31.5	30.0	30.5	29.0	28.0	28.5	24.0	23.5	24.0
17	27.5	26.5	27.0	31.5	30.5	31.0	29.5	28.0	28.5	24.0	23.5	23.5
18	28.0	27.0	27.5	31.0	30.5	31.0	30.0	28.5	29.5	23.5	23.0	23.5
19	28.0	27.0	27.5	30.5	30.0	30.0	31.0	29.0	29.5	23.5	23.0	23.0
20	28.5	27.5	28.0	30.5	30.0	30.0	30.5	29.5	30.0	23.5	23.0	23.5
21	30.0	28.0	28.5	30.5	29.5	30.0	32.0	30.0	30.5	24.5	23.5	24.0
22	31.0	28.5	29.5	30.0	29.5	30.0	31.0	30.0	30.5	24.5	24.0	24.5
23	31.0	29.0	30.0	30.0	29.5	29.5	30.5	30.0	30.5	24.5	24.0	24.5
24	30.5	30.0	30.5	30.0	29.0	29.5	30.5	30.0	30.0	25.0	24.0	24.5
25	30.5	30.0	30.5	30.0	29.0	29.5	30.0	29.5	29.5	25.0	24.5	25.0
26	30.5	30.0	30.0	29.5	29.0	29.5	30.0	29.0	29.5	25.0	24.0	24.5
27	30.0	29.0	29.5	29.5	28.5	29.0	29.5	29.0	29.0	24.0	23.5	24.0
28	29.0	28.5	28.5	29.5	29.0	29.0	29.0	28.0	28.5	24.0	23.0	23.5
29	29.0	28.0	28.5	29.5	29.0	29.0	28.5	27.5	28.0	24.0	23.0	23.5
30	28.5	27.0	27.5	30.0	29.0	29.5	28.0	27.5	28.0	24.0	23.5	23.5
31	---	---	---	30.0	29.0	29.5	27.5	27.0	27.5	---	---	---
MONTH	31.0	24.5	27.5	31.5	25.5	28.5	32.0	27.0	29.5	27.0	23.0	24.5
YEAR	32.0	2.5	19.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	4.9	4.4	4.6	7.3	6.9	7.1	7.6	6.8	7.3	9.5	9.2	9.3
2	5.1	4.5	4.7	7.4	6.9	7.1	7.7	7.1	7.5	9.6	9.3	9.4
3	5.3	4.7	4.9	7.4	6.9	7.2	7.7	7.1	7.4	9.4	9.2	9.3
4	5.8	5.0	5.3	7.2	6.5	7.0	7.6	7.2	7.4	9.3	9.1	9.3
5	6.1	5.5	5.8	7.0	6.5	6.8	8.0	7.5	7.7	9.2	9.1	9.2
6	6.1	5.6	5.8	7.1	6.6	6.9	8.4	7.9	8.1	9.6	9.2	9.4
7	6.1	5.6	5.8	7.1	6.7	7.0	8.5	8.2	8.4	10.0	9.5	9.8
8	6.5	5.7	6.1	7.2	6.8	7.0	8.8	8.4	8.6	10.4	10.0	10.2
9	6.6	6.0	6.3	7.3	7.0	7.1	9.3	8.7	9.0	10.7	10.4	10.6
10	6.6	6.2	6.4	7.4	7.0	7.2	9.4	8.9	9.1	10.9	10.7	10.8
11	6.6	6.1	6.4	7.3	6.8	7.1	9.1	8.6	8.8	11.0	10.9	11.0
12	6.6	6.2	6.4	6.9	6.6	6.8	8.9	8.5	8.7	11.2	11.0	11.1
13	6.8	6.4	6.6	7.3	6.7	6.9	9.1	8.5	8.7	11.2	11.1	11.2
14	6.7	6.3	6.5	7.6	7.2	7.4	9.1	8.7	8.8	11.2	11.1	11.1
15	6.5	6.2	6.4	7.9	7.4	7.6	9.1	8.6	8.8	11.2	11.2	11.2
16	6.4	6.1	6.2	8.1	7.5	7.8	8.7	8.3	8.5	11.3	11.2	11.2
17	6.2	5.9	6.1	8.2	7.8	8.0	8.9	8.4	8.6	11.4	11.3	11.3
18	6.3	6.1	6.2	7.9	7.2	7.7	9.6	8.9	9.2	11.4	11.3	11.4
19	6.3	6.1	6.2	7.8	7.2	7.5	9.8	9.4	9.6	11.4	11.2	11.3
20	6.2	5.9	6.1	7.8	7.3	7.6	9.8	9.4	9.6	11.2	10.8	11.1
21	6.1	5.8	5.9	7.7	7.1	7.4	9.9	9.5	9.6	10.8	10.5	10.7
22	6.1	5.8	6.0	7.6	7.0	7.3	9.8	9.2	9.5	10.5	10.2	10.3
23	7.0	6.1	6.6	7.7	7.1	7.4	9.7	9.1	9.4	10.2	10.1	10.1
24	6.9	6.4	6.7	7.9	7.5	7.7	9.5	8.9	9.2	10.0	9.9	10.0
25	6.8	6.4	6.7	7.9	7.7	7.8	9.5	8.9	9.2	9.9	9.6	9.8
26	6.9	6.5	6.8	7.9	7.5	7.8	9.5	8.9	9.2	9.6	9.6	9.6
27	6.9	6.6	6.8	8.1	7.6	7.8	9.3	8.7	9.0	9.7	9.5	9.6
28	6.8	6.4	6.6	8.2	7.6	8.0	9.2	8.5	8.9	9.9	9.7	9.8
29	6.8	6.3	6.5	8.0	6.9	7.5	8.9	8.3	8.6	10.1	9.9	10.0
30	7.3	6.7	7.0	7.6	6.8	7.2	9.0	8.5	8.7	10.2	10.1	10.1
31	7.5	7.0	7.3	---	---	---	9.3	8.8	9.1	10.2	10.2	10.2
MONTH	7.5	4.4	6.2	8.2	6.5	7.4	9.9	6.8	8.7	11.4	9.1	10.3

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.9	5.4	5.7	6.0	5.1	5.5	6.0	4.8	5.4	4.9	4.2	4.6
2	5.7	5.1	5.4	6.6	5.3	5.9	6.3	5.0	5.7	4.8	4.3	4.5
3	5.7	5.0	5.4	6.3	5.8	6.0	6.3	5.0	5.6	4.7	4.3	4.5
4	5.9	5.1	5.5	6.4	5.7	6.0	6.2	5.0	5.7	4.5	4.0	4.2
5	5.8	5.2	5.4	6.4	5.6	6.0	6.1	4.2	5.0	4.6	4.2	4.3
6	5.8	5.3	5.6	6.6	5.9	6.3	4.9	4.4	4.7	4.6	4.3	4.5
7	5.5	5.2	5.4	6.4	5.8	6.0	4.8	4.5	4.6	4.6	4.2	4.4
8	5.7	5.0	5.3	6.7	5.9	6.2	4.9	4.5	4.7	4.5	4.1	4.3
9	5.8	4.9	5.4	6.8	6.0	6.4	5.4	4.5	4.9	4.7	4.2	4.5
10	5.8	5.1	5.5	7.0	6.2	6.5	5.0	4.5	4.7	4.9	4.5	4.6
11	5.6	4.9	5.3	6.9	6.1	6.5	5.4	4.6	5.0	4.8	4.3	4.6
12	5.6	5.1	5.3	6.5	5.9	6.2	6.0	5.0	5.4	4.7	4.3	4.5
13	6.0	5.3	5.7	8.0	6.0	6.7	5.7	5.0	5.3	4.7	4.1	4.4
14	6.4	5.5	5.9	7.2	5.8	6.6	6.3	5.3	5.7	4.4	4.0	4.2
15	5.9	5.4	5.6	9.1	6.5	7.6	5.7	4.7	5.3	4.2	3.7	3.9
16	6.3	5.4	5.8	9.3	7.5	8.1	5.6	4.5	5.0	3.9	3.5	3.7
17	6.2	5.6	5.8	9.5	7.0	7.4	5.6	4.6	5.1	4.2	3.8	3.9
18	6.2	5.3	5.7	7.2	5.2	6.2	5.5	4.8	5.1	4.2	3.9	4.0
19	5.9	5.2	5.5	5.4	4.7	5.1	5.7	4.7	5.1	4.2	3.9	4.0
20	5.8	5.2	5.4	5.3	4.7	5.0	5.3	4.8	5.1	4.2	3.7	3.9
21	6.0	5.1	5.6	5.4	4.7	5.0	7.6	5.0	5.9	4.0	3.5	3.7
22	6.5	5.5	5.9	5.6	4.8	5.1	6.7	5.7	6.2	4.0	3.7	3.8
23	6.4	5.4	5.8	5.1	4.6	4.9	6.6	5.7	6.1	4.2	3.9	4.0
24	6.5	5.6	6.0	4.8	4.5	4.6	5.9	4.9	5.3	4.4	3.8	4.1
25	6.3	5.4	5.8	5.9	4.7	5.3	4.8	4.1	4.5	4.2	3.8	4.0
26	6.2	5.3	5.7	5.8	5.0	5.4	4.3	4.0	4.2	4.4	3.8	4.0
27	5.8	4.9	5.4	5.2	4.6	4.9	4.6	4.0	4.2	4.4	3.9	4.1
28	5.8	4.9	5.3	5.3	4.7	5.0	4.9	4.2	4.6	4.2	3.6	3.9
29	5.9	4.8	5.4	5.3	4.7	5.0	4.7	4.3	4.5	4.2	3.6	3.8
30	5.6	5.2	5.4	5.5	4.9	5.2	4.4	4.2	4.3	4.6	3.9	4.1
31	---	---	---	5.8	4.8	5.3	4.9	4.2	4.5	---	---	---
MONTH	6.5	4.8	5.6	9.5	4.5	5.9	7.6	4.0	5.1	4.9	3.5	4.2
YEAR	11.4	3.5	7.1									

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.--Estimated daily discharges: Jan. 2 to Jan. 25. Records fair except for period of estimated daily discharges which are poor.

AVERAGE DISCHARGE.--20 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)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Aug. 30	1600	*1180	*7.90				

Minimum daily, 8.2 ft^3/s, Aug. 27.

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	31	124	192	183	97	64	48	35	20	13	19	441
2	32	102	184	186	93	62	47	32	18	13	17	260
3	30	65	164	182	107	61	47	30	17	12	15	183
4	28	50	142	170	125	62	47	32	17	13	15	140
5	25	47	119	150	133	63	47	63	16	13	18	134
6	23	44	98	130	135	62	44	72	15	12	17	129
7	22	42	81	110	137	60	46	59	14	11	23	140
8	22	41	74	98	131	59	46	47	14	10	25	177
9	21	41	70	83	118	63	41	37	29	10	23	208
10	20	61	72	78	104	90	38	32	61	12	20	274
11	20	90	98	73	96	133	37	29	92	10	17	321
12	21	91	97	70	105	145	83	26	75	11	16	364
13	21	83	88	69	109	152	161	24	50	11	15	289
14	20	77	88	70	103	161	190	23	31	11	14	206
15	20	72	83	72	100	139	204	23	23	10	13	156
16	20	64	100	78	97	110	197	22	20	9.5	13	119
17	20	69	101	82	91	85	162	24	18	10	12	79
18	20	116	95	100	85	73	125	29	17	9.7	11	77
19	21	133	91	130	91	83	105	32	16	11	12	95
20	21	129	87	165	103	91	103	53	15	12	11	97
21	22	121	81	200	102	93	92	78	15	11	9.6	92
22	22	117	90	193	102	93	83	68	14	11	9.3	88
23	21	104	105	185	101	89	68	43	13	13	8.9	80
24	22	80	107	175	93	79	66	36	12	16	8.9	59
25	23	66	111	166	82	72	60	60	11	19	8.8	53
26	24	62	106	151	73	64	59	70	12	20	8.4	61
27	78	82	107	134	69	59	59	64	16	36	8.2	61
28	138	111	112	121	67	55	52	52	16	94	22	54
29	158	147	125	115	66	52	45	37	14	53	358	47
30	151	173	157	109	---	51	39	29	13	32	1000	42
31	138	---	175	103	---	49	---	24	---	24	851	---
TOTAL	1255	2604	3400	3931	2915	2574	2441	1285	714	553.2	2619.1	4526
MEAN	40.5	86.8	110	127	101	83.0	81.4	41.5	23.8	17.8	84.5	151
MAX	158	173	192	200	137	161	204	78	92	94	1000	441
MIN	20	41	70	69	66	49	37	22	11	9.5	8.2	42

CAL YR 1987 TOTAL 39865 MEAN 109 MAX 710 MIN 11
WTR YR 1988 TOTAL 28817.3 MEAN 78.7 MAX 1000 MIN 8.2

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	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)
DEC												
01...	1000	196	33	4.70	10.0	3.3	750	8.0	72	590	2600	5
JAN												
25...	1600	174	31	4.70	6.0	6.8	749	10.1	83	220	420	5
MAR												
17...	1600	85	26	5.20	9.5	4.1	767	10.0	87	240	200	4
MAY												
23...	1830	43	26	5.50	21.5	3.2	752	7.4	85	5500	K130	4
JUL												
19...	1930	12	30	5.70	23.5	3.4	760	7.1	84	11000	15000	6
SEP												
29...	1630	48	30	5.10	20.0	2.7	767	7.0	76	K130	540	5

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)
DEC											
01...	4	0.85	0.67	3.0	53	0.6	0.80	1.0	14	6.3	0.10
JAN											
25...	4	0.87	0.66	3.0	52	0.6	0.80	1.0	9.8	5.0	0.10
MAR											
17...	2	0.73	0.59	3.1	58	0.7	0.50	2.0	8.0	4.8	0.10
MAY											
23...	0	0.79	0.56	2.9	48	0.6	2.1	4.0	8.6	5.1	0.20
JUL											
19...	3	0.99	0.81	3.6	54	0.7	0.70	3.0	8.7	4.4	0.20
SEP											
29...	3	0.90	0.73	3.6	54	0.7	1.2	2.0	11	5.6	<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-PHOROUS DIS-SOLVED (MG/L AS P)
DEC											
01...	9.5	42	37	0.06	22.2	<0.100	0.030	0.04	0.30	0.020	0.010
JAN											
25...	6.4	39	29	0.05	18.3	0.230	0.030	0.04	0.40	0.010	0.020
MAR											
17...	4.1	32	23	0.04	7.34	<0.100	0.030	0.04	0.40	<0.010	<0.010
MAY											
23...	6.7	33	31	0.04	3.81	0.250	0.060	0.08	0.40	0.010	<0.010
JUL											
19...	5.4	32	30	0.04	1.08	0.740	0.040	0.05	0.60	0.020	0.020
SEP											
29...	11	36	38	0.05	4.69	0.190	0.070	0.09	0.60	0.020	0.020

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DATE	PHOSPHORUS, 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)	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)
DEC											
01...	<0.010	--	340	<1	51	<0.5	<1	1	<3	2	390
JAN											
25...	<0.010	--	220	<1	46	<0.5	1	<1	<3	3	160
MAR											
17...	<0.010	--	--	--	--	--	--	--	--	--	--
MAY											
23...	<0.010	--	140	<1	56	<0.5	<1	<1	<3	3	200
JUL											
19...	0.020	0.06	--	--	--	--	--	--	--	--	--
SEP											
29...	<0.010	--	240	1	92	<0.5	<1	<1	<3	2	1000

DATE	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)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	URANIUM NATURAL DISSOLVED (UG/L AS U)	VANADIUM, DISSOLVED (UG/L AS V)
DEC											
01...	<5	<4	54	<0.1	<10	5	<1	<1.0	7	<0.01	<6
JAN											
25...	6	<4	39	0.4	<10	<1	<1	<1.0	6	--	<6
MAY											
23...	<5	<4	28	0.2	<10	4	<1	<1.0	7	0.04	<6
SEP											
29...	<5	<4	52	0.1	<10	<1	<1	<1.0	9	--	<6

DATE	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (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, DISSOLVED, RADON METHOD (PCI/L)
DEC											
01...	25	3	1.6	100	0.5	<0.4	1.0	1.0	<0.4	<0.4	0.03
JAN											
25...	30	5	2.3	93	--	--	--	--	--	--	--
MAR											
17...	--	4	0.92	100	--	--	--	--	--	--	--
MAY											
23...	39	8	0.92	97	0.6	<0.4	0.6	0.6	0.5	0.5	0.16
JUL											
19...	--	6	0.20	100	--	--	--	--	--	--	--
SEP											
29...	50	5	0.65	100	--	--	--	--	--	--	--

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.--30 years, 377 ft^3/s, 12.77 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, 1,750 ft^3/s, Sept. 3, gage height, 4.24 ft; minimum, 1.9 ft^3/s, July 12, 13, gage height 1.52 ft.

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	75	172	409	401	451	324	246	126	34	12	385	980
2	69	179	427	419	434	314	234	110	21	9.0	414	1460
3	61	177	426	458	434	305	223	98	14	9.1	298	1720
4	53	164	419	544	441	300	217	107	12	11	232	1400
5	43	147	398	626	456	300	209	186	8.6	11	317	934
6	37	127	378	663	472	299	195	189	6.6	6.9	170	635
7	32	113	360	632	469	288	188	172	5.0	5.5	245	442
8	28	102	342	596	459	276	182	145	3.7	4.6	342	354
9	25	96	328	625	445	272	177	124	5.4	4.5	354	468
10	23	106	318	638	428	393	162	105	57	3.8	304	743
11	21	116	326	631	418	522	148	88	92	3.1	160	909
12	21	129	355	611	431	590	227	69	132	2.1	164	959
13	19	149	359	591	439	611	441	55	89	6.9	89	1080
14	17	163	335	570	444	584	534	49	64	13	65	997
15	17	159	334	554	440	567	588	47	44	18	59	830
16	16	156	362	540	434	504	585	46	48	14	49	682
17	16	199	367	537	423	436	524	69	36	9.3	31	551
18	15	274	365	626	405	402	461	113	29	6.1	18	472
19	14	319	352	780	425	391	432	102	20	3.3	11	408
20	15	318	336	1000	445	379	421	89	15	2.4	7.3	361
21	15	314	328	1130	463	368	398	70	9.9	2.7	5.6	339
22	14	303	337	1180	461	349	354	54	8.6	4.6	4.5	317
23	13	295	338	1090	445	337	315	53	7.6	6.4	3.6	293
24	13	295	333	954	430	327	302	98	5.9	8.6	2.4	288
25	14	293	335	841	405	315	286	139	5.6	9.0	2.8	444
26	16	293	333	747	382	307	267	135	6.8	8.8	2.4	401
27	75	307	333	660	364	310	242	123	21	33	2.1	532
28	137	328	342	587	348	313	208	115	25	146	46	643
29	149	368	387	540	336	294	175	96	17	329	274	592
30	162	391	417	505	---	275	146	76	12	510	396	496
31	175	---	411	475	---	260	---	52	---	433	573	---
TOTAL	1400	6552	11190	20751	12427	11512	9087	3100	855.7	1646.7	5026.7	20730
MEAN	45.2	218	361	669	429	371	303	100	28.5	53.1	162	691
MAX	175	391	427	1180	472	611	588	189	132	510	573	1720
MIN	13	96	318	401	336	260	146	46	3.7	2.1	2.1	288

CAL YR 1987 TOTAL 158974.6 MEAN 436 MAX 3150 MIN 9.6
WTR YR 1988 TOTAL 104278.1 MEAN 285 MAX 1720 MIN 2.1

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.--Water-stage recorder and 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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--59 years, 946 ft^3/s, 10.26 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, 2,710 ft^3/s, Mar. 16, gage height, 10.38 ft; minimum, 12 ft^3/s, July 23, gage height, 1.18 ft.

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	383	155	805	623	1690	1100	698	681	202	26	94	178
2	328	171	790	640	1560	1020	655	581	167	25	115	230
3	287	185	777	705	1460	941	617	497	142	25	138	338
4	248	195	773	849	1390	880	587	428	125	27	174	518
5	218	204	769	1010	1340	829	560	391	109	27	222	831
6	195	211	755	1150	1290	783	516	373	94	25	276	1370
7	178	219	737	1210	1240	742	477	361	81	24	331	1800
8	161	226	716	1310	1210	701	442	344	71	23	340	1920
9	147	232	695	1380	1190	682	411	328	64	22	317	2050
10	135	238	680	1460	1170	764	387	308	81	20	273	2150
11	126	246	679	1560	1160	945	364	288	76	19	231	2090
12	118	259	710	1660	1160	1240	373	266	85	18	214	1950
13	112	271	737	1720	1150	1670	611	241	90	18	218	1820
14	106	275	736	1800	1130	2270	974	234	87	18	225	1740
15	99	274	722	1850	1110	2600	1320	215	81	17	222	1710
16	92	272	706	1830	1080	2690	1530	189	74	16	206	1710
17	87	284	683	1790	1060	2600	1750	172	66	15	186	1720
18	82	318	656	1830	1040	2360	1880	180	59	14	174	1750
19	78	347	627	1950	1060	2160	1920	187	54	13	154	1750
20	75	391	604	2110	1110	1940	1860	195	49	13	129	1700
21	71	421	587	2190	1190	1740	1750	196	45	13	106	1610
22	68	438	585	2260	1260	1550	1630	198	41	12	86	1500
23	65	448	590	2340	1300	1390	1520	197	37	13	72	1370
24	62	450	596	2410	1330	1280	1440	201	33	13	62	1220
25	60	447	599	2460	1340	1190	1340	274	32	13	54	1070
26	59	477	597	2460	1330	1100	1230	359	28	19	47	909
27	63	583	594	2370	1300	1020	1120	388	27	22	42	771
28	69	677	595	2250	1250	938	998	368	25	30	54	657
29	95	754	607	2100	1180	868	893	325	23	26	65	606
30	125	802	614	1960	---	805	790	283	23	36	109	595
31	141	---	619	1830	---	748	---	242	---	63	170	---
TOTAL	4133	10470	20940	53067	36080	41546	30643	9490	2171	665	5106	39633
MEAN	133	349	675	1712	1244	1340	1021	306	72.4	21.5	165	1321
MAX	383	802	805	2460	1690	2690	1920	681	202	63	340	2150
MIN	59	155	585	623	1040	682	364	172	23	12	42	178

CAL YR 1987 TOTAL 427342 MEAN 1171 MAX 8970 MIN 30
WTR YR 1988 TOTAL 253944 MEAN 694 MAX 2690 MIN 12

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 189414 MEAN 519 MAX 2340 MIN 7.2

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	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)
DEC												
02...	1230	790	103	6.30	10.5	2.2	762	7.8	70	K120	1600	18
JAN												
26...	1420	2420	92	6.10	7.0	3.5	761	9.6	79	84	430	17
MAR												
16...	1845	2660	74	6.30	11.0	4.7	764	8.1	73	210	420	15
MAY												
25...	1510	287	108	6.90	23.0	7.2	755	5.9	69	2700	1200	16
JUL												
20...	1330	13	149	6.70	30.5	3.6	765	6.4	85	K8900	10000	35
SEP												
28...	1745	634	100	6.40	22.0	3.0	765	5.4	62	220	240	17

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)
DEC												
02...	8	4.3	1.7	13	58	1	2.4	10	15	19	0.10	12
JAN												
26...	10	4.0	1.6	8.7	50	1	2.0	7.0	14	12	0.10	6.9
MAR												
16...	6	3.7	1.4	8.5	51	1	1.9	9.0	15	11	0.10	3.4
MAY												
25...	0	4.0	1.5	16	59	2	5.9	23	14	14	0.30	7.0
JUL												
20...	0	11	1.9	19	52	1	2.1	39	15	15	0.40	10
SEP												
28...	1	4.3	1.6	14	60	2	2.2	16	18	14	0.10	13

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)
DEC												
02...	96	75	0.13	205	<0.100	0.030	0.04	1.0	0.070	0.040	0.030	0.09
JAN												
26...	74	55	0.10	484	0.200	0.020	0.03	0.50	0.030	0.020	<0.010	--
MAR												
16...	74	50	0.10	531	<0.100	0.050	0.06	0.70	0.050	0.030	0.010	0.03
MAY												
25...	95	79	0.13	73.6	0.310	0.090	0.12	1.2	0.260	0.260	0.140	0.43
JUL												
20...	111	104	0.15	3.90	<0.100	0.230	0.30	0.90	0.870	0.770	0.730	2.2
SEP												
28...	114	77	0.16	195	<0.100	0.080	0.10	1.1	0.150	0.100	0.050	0.15

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--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)
DEC												
02...	320	<1	39	<0.5	<1	<1	<3	1	580	<5	<4	20
JAN												
26...	340	<1	41	<0.5	1	<1	<3	1	260	<5	<4	8
MAY												
25...	150	1	71	<0.5	2	<1	<3	6	480	<5	<4	35
JUL												
20...	60	1	94	<0.5	1	<1	5	1	2500	<5	5	500

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
DEC											
02...	<0.1	<10	8	<1	<1.0	25	<6	20	1	2.1	100
JAN											
26...	<0.1	<10	3	<1	<1.0	21	<6	15	5	33	95
MAR											
16...	--	--	--	--	--	--	--	--	6	43	100
MAY											
25...	0.2	<10	9	<1	1.0	26	<6	42	15	12	95
JUL											
20...	<0.1	<10	5	<1	<1.0	51	<6	35	73	2.6	100
SEP											
28...	--	--	--	--	--	--	--	--	2	3.4	100

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 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, 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; minimum, 2.0°C, Jan. 15, 1988.
DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 15, 16, 1988; minimum, 2.7 mg/L, June 15, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 59,600 microsiemens, Aug. 1; minimum, 2,900 microsiemens, Jan. 26, 30.
pH: Maximum recorded, 8.9 units, Mar. 13; minimum, 6.4 units, Mar. 26.
WATER TEMPERATURE: Maximum, 32.0°C, July 31, Aug. 6, 8, 9; minimum, 2.0°C, Jan. 15.
DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 15, 16; minimum, 3.3 mg/L, Oct. 7.

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	46500	9500	24200	54600	31000	43600	48000	17500	25400	50500	17300	31700
2	47500	13000	30900	54000	31900	44300	47600	12700	21300	53700	13100	29800
3	46900	18000	30400	55200	31900	44300	49100	12600	26600	54600	15000	32800
4	45400	15800	30700	55800	31700	44800	49100	12200	23700	54300	17900	31600
5	47100	20300	34600	55600	35000	45800	51000	9000	23400	52500	12300	27200
6	46300	23600	36200	54600	33700	44500	48300	13500	23300	53600	10400	27200
7	45700	21200	33700	55500	31800	44200	48300	14500	25900	56100	11000	28600
8	44300	19800	33000	55300	30700	42200	45900	13700	24000	53100	13400	25900
9	44900	19200	31700	53500	30100	41200	46200	12500	21900	51900	11500	24900
10	45000	20100	32400	56200	27400	42300	45600	12700	22100	54000	10700	26200
11	44800	19700	32000	55600	26600	38100	45100	11800	21900	54300	11100	24200
12	47900	21100	33300	53200	26400	38800	46600	14400	23900	54300	12200	25200
13	46700	22600	33700	54800	30000	41800	43000	14300	24400	51400	8000	21900
14	---	---	---	54400	30200	40500	44000	16300	25500	52200	7800	23500
15	---	---	---	51800	25400	38500	45100	16500	26300	54500	9400	26800
16	---	---	---	53100	25400	38900	49100	15300	27600	52600	11000	28600
17	---	---	---	54700	26800	41500	49100	16900	31100	52300	11600	28300
18	---	---	---	53600	27800	38900	50100	18100	32800	53000	9100	27000
19	---	---	---	54700	26000	41100	53500	22700	36400	50000	7300	27500
20	---	---	---	55500	28900	42700	52300	22300	38400	50800	9500	28700
21	53900	39300	45000	51900	25900	39100	51500	18300	34900	52100	4000	20700
22	55600	32100	46400	53200	24000	40000	52400	16500	36900	48900	7200	18000
23	54600	39600	46700	54600	26400	40500	51900	17500	35300	51100	6500	19300
24	55600	37900	46400	48300	22900	31700	50900	16700	33100	43100	6000	16900
25	55500	37500	45600	47400	21800	29300	51800	16200	32100	48800	6000	17700
26	55500	37300	47400	49500	23400	30300	51400	11300	29900	33500	2900	10500
27	57500	37000	48200	46400	24700	32100	52100	11800	29500	46800	3600	14200
28	53900	35600	44400	51700	25300	35100	---	---	---	43000	4500	12900
29	55900	35000	45600	41700	21400	29500	---	---	---	41500	4300	14600
30	56700	35500	45500	44200	19700	26900	53100	16400	34300	43600	2900	16700
31	56500	33300	44500	---	---	---	53600	17700	32800	40500	3800	17300
MONTH	57500	9500	38400	56200	19700	39100	53600	9000	28400	56100	2900	23400

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, 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	47200	4900	18300	32200	16000	22100	44500	16200	30400	36000	12600	25800
2	46500	4300	20300	31200	17600	21400	50700	16600	32100	36200	15900	24800
3	44900	4500	18500	36400	14500	23400	51500	15100	32300	35500	15600	24700
4	47800	5600	21700	39600	13800	25600	50400	17200	32000	33200	17800	24400
5	44500	4100	21700	51300	9500	27400	54700	16400	34300	34000	14500	24200
6	46400	9000	22400	52100	14800	29400	57100	21600	37900	34700	15500	23100
7	49400	8600	23400	52600	15800	31000	50600	18300	32800	---	---	---
8	44200	8800	21700	51800	11400	28500	51400	22100	35800	---	---	---
9	45100	9400	21600	47000	13000	24900	52100	25700	36800	---	---	---
10	44600	9100	22500	39200	14700	22100	52300	25700	38100	---	---	---
11	45100	10700	22900	40900	15800	24200	50700	25100	36700	---	---	---
12	46900	8700	22000	40400	16700	26600	47400	31100	39900	---	---	---
13	51000	9600	26800	46500	13200	27600	48500	22200	34100	---	---	---
14	51000	9700	28600	36600	12800	23800	36900	21000	29300	---	---	---
15	45300	11700	28300	53200	17900	33400	38200	25400	31500	---	---	---
16	49200	8600	26700	52100	13800	32600	35600	18200	26400	50800	23300	34300
17	47900	8400	27900	38800	14200	27300	38000	15300	25900	50100	24300	37900
18	39600	11400	26800	36000	12000	23500	36500	12600	24100	48700	20900	35200
19	45600	13100	28700	37300	10000	24100	37800	8300	19700	51200	20000	35400
20	48600	10800	27100	49500	8300	26600	38000	11000	19900	51200	19600	34600
21	34900	12500	23900	47500	7900	26900	37900	12500	22000	51200	19600	33900
22	26600	15900	19700	49600	10100	27100	37400	11400	24000	51000	19700	33600
23	19200	14300	16600	47800	10400	26200	44700	12600	24500	51200	19700	34300
24	24400	14200	18700	51200	7500	22500	34900	13200	22400	50800	18800	34100
25	30900	13100	21200	46400	8300	23000	46800	11200	27200	51300	19200	34700
26	25000	16700	21800	53300	10500	27900	45100	15400	26000	52500	22200	35900
27	33100	17900	22500	49900	10600	31200	40000	15700	26900	49700	21800	34600
28	49800	16100	28800	52100	12800	28900	40800	15400	25300	45700	26600	34800
29	44800	18900	26500	48700	13600	27900	40800	15200	28000	42300	25200	33000
30	---	---	---	49400	15700	28600	38000	14800	25600	36600	23400	30300
31	---	---	---	46500	14400	28700	---	---	---	37400	25600	31000
MONTH	51000	4100	23400	53300	7500	26600	57100	8300	29400	52500	12600	31600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	38800	27800	32900	52700	35900	44000	59600	34600	47500	51700	27200	40100
2	39000	26300	33400	52800	38000	45200	58900	35300	48900	52100	26000	37100
3	38500	25700	32700	53000	37000	45200	58200	34800	46900	52100	21400	34500
4	36200	24500	30400	52600	35600	45000	54500	34200	45000	51800	20300	33900
5	35700	26000	31100	52400	34300	43800	50900	30200	41600	49300	17300	29400
6	51000	29000	36300	49900	33100	42600	54300	28100	41500	50700	13600	30300
7	51900	29100	40100	52200	32500	42800	54800	25800	40300	47000	16200	32700
8	38500	28800	33500	51800	33200	42700	54600	25700	40700	49300	22800	33200
9	37800	30000	33400	50100	32100	40800	54500	28800	41400	48700	21600	31600
10	36600	26700	31400	51500	32600	42100	54000	25800	39200	50700	16300	30100
11	38000	24900	31900	56600	32500	44200	51300	25400	38300	48300	14700	28300
12	36300	24600	31200	54600	32900	43800	54200	25500	39000	52300	13000	27700
13	35400	24400	29800	56800	33700	44100	51800	24300	39200	42900	11100	24300
14	34200	23000	28400	57500	34700	46100	51100	25900	39400	54000	9500	26200
15	34400	23200	28500	57800	35000	46500	51800	25600	37200	50400	10500	26900
16	34500	23600	29000	57500	36900	47800	51900	24300	37600	50000	9200	26200
17	33300	25600	29900	57300	37900	47500	51500	24200	36700	45500	10900	23100
18	33900	24500	29500	57500	36700	46900	54200	24300	39400	50700	9800	26000
19	32800	24100	28200	55700	34100	44800	54400	29000	42100	50500	9300	26300
20	51700	26700	36300	55300	30600	42800	54600	30100	42400	49800	11800	27300
21	54100	29800	42200	54800	30200	43500	51900	30400	41700	52100	12700	29400
22	55100	31600	43000	55900	30800	42800	51800	25700	40800	52200	13900	33000
23	58500	31700	45100	51300	28100	39300	54100	31300	42800	54300	20000	36900
24	58100	31200	45100	50700	24900	38200	54200	34100	43400	52500	17700	35900
25	58300	32000	45800	51200	28100	38800	51900	30800	41400	50800	15500	34100
26	54100	32100	44100	49300	28900	38600	55300	30600	43200	47500	16200	33000
27	50800	32100	41700	45800	29900	37900	54000	31800	42800	51400	19100	35100
28	54900	31600	43300	54900	28100	41900	51700	35500	45000	48800	17700	33600
29	57600	37400	46200	55600	34000	46000	51900	31900	43000	49800	16900	32400
30	52400	33900	42900	58500	38200	48100	51300	30600	41500	50100	15700	29500
31	---	---	---	59400	38100	48300	51800	25200	39700	---	---	---
MONTH	58500	23000	35900	59400	24900	43600	59600	24200	41600	54300	9200	30900
YEAR	59600	2900	32700									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.1	7.3	7.6	7.1	7.9	7.6	8.3	7.9	8.2	7.9	8.0	7.5
2	8.0	7.1	7.6	7.2	7.9	7.7	8.3	8.0	8.2	7.8	8.1	7.5
3	8.6	7.1	7.6	7.2	7.8	7.6	8.3	7.9	8.2	7.9	8.1	7.4
4	8.4	7.0	7.6	7.2	7.9	7.6	8.2	7.8	8.2	8.0	8.2	7.4
5	8.4	7.0	7.6	7.1	7.9	7.5	8.3	7.9	8.2	7.8	8.1	7.4
6	8.7	8.4	7.6	7.2	8.0	7.5	8.3	8.0	8.2	7.8	8.2	7.5
7	8.7	8.4	7.6	7.3	8.0	7.5	8.2	7.9	8.2	7.5	8.2	7.8
8	8.8	8.6	7.6	7.4	8.0	7.5	8.3	7.9	8.2	7.9	8.2	7.7
9	8.8	8.6	7.6	7.3	7.9	7.5	8.2	7.8	8.2	8.0	8.2	7.6
10	8.8	8.0	7.6	7.2	7.9	7.6	8.0	7.8	8.2	7.8	8.2	7.4
11	8.1	7.7	7.6	7.3	8.0	7.6	8.0	7.6	8.2	7.5	8.2	7.5
12	8.0	7.4	7.6	7.2	8.0	7.7	7.8	7.5	8.4	7.9	8.2	7.5
13	---	---	7.6	7.2	8.0	7.7	8.1	7.4	8.2	7.9	8.3	7.4
14	---	---	7.6	7.2	8.1	7.8	8.2	7.9	8.1	7.9	8.2	7.2
15	---	---	7.7	7.0	8.2	7.8	8.0	7.7	8.1	7.4	8.1	7.0
16	---	---	8.1	7.3	8.1	7.9	8.0	7.7	8.1	7.4	8.1	7.4
17	---	---	8.0	7.7	8.0	7.8	8.2	7.7	8.1	7.3	8.0	7.3
18	---	---	8.0	7.5	8.0	7.8	8.2	7.8	8.1	7.4	8.0	7.3
19	---	---	8.0	7.5	8.0	7.8	8.2	7.8	8.1	7.8	8.0	7.2
20	8.3	7.9	8.0	7.4	8.0	7.9	8.2	7.8	8.0	7.7	8.1	7.3
21	8.0	7.5	8.0	7.5	8.0	7.8	8.2	7.9	8.0	7.7	8.1	7.3
22	8.1	7.5	7.9	7.5	8.0	7.8	8.2	8.0	8.0	7.8	8.1	7.4
23	8.1	7.4	8.0	7.5	8.1	7.9	8.2	7.9	8.0	7.8	8.1	7.5
24	8.3	7.5	8.0	7.6	8.1	7.9	8.2	8.0	7.9	7.7	8.1	7.5
25	---	---	8.0	7.8	8.2	7.9	8.2	8.0	8.0	7.7	8.1	7.4
26	---	---	8.1	7.9	8.2	8.0	8.2	8.0	8.0	7.6	8.0	7.3
27	7.6	7.0	8.0	7.7	8.2	8.0	8.2	7.5	7.9	7.7	8.0	7.5
28	7.6	7.0	8.0	7.7	8.3	8.0	8.2	7.8	7.9	7.7	8.0	7.5
29	7.6	7.0	8.0	7.7	8.3	8.0	8.2	7.9	7.9	7.5	8.0	7.6
30	7.6	7.1	8.0	7.5	8.2	7.8	8.2	7.9	7.9	7.2	7.9	7.1
31	---	---	8.0	7.5	---	---	8.2	7.8	7.9	7.2	---	---
MONTH	---	---	8.1	7.0	8.3	7.5	8.3	7.4	8.4	7.2	8.3	7.0

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

TEMPERATURE (°C) OF WATER, 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	25.5	21.0	23.5	18.0	16.5	17.0	14.5	12.0	14.0	11.5	10.0	11.0
2	25.0	22.0	23.5	18.0	17.0	17.5	13.5	12.0	13.0	11.5	9.5	10.5
3	24.5	20.0	23.5	18.5	17.0	18.0	13.5	11.5	13.0	10.0	9.0	9.5
4	22.5	20.5	21.5	19.0	17.5	18.5	13.0	10.0	12.0	9.5	8.0	9.0
5	22.5	20.5	21.5	20.0	18.0	18.5	12.0	10.0	11.0	9.5	7.5	8.5
6	23.0	20.5	22.0	18.0	16.0	17.5	12.5	10.0	11.0	9.0	7.0	8.0
7	23.0	21.0	22.0	17.5	15.0	16.0	12.0	9.5	11.0	7.5	5.5	6.5
8	22.0	20.0	21.0	18.0	15.0	16.5	12.0	10.0	11.0	7.0	4.5	5.5
9	21.5	18.5	20.0	19.0	16.5	17.0	14.0	10.5	12.0	7.0	4.0	5.5
10	21.5	19.0	20.5	18.5	17.0	18.0	13.5	11.0	12.0	6.5	4.5	5.0
11	21.0	19.5	20.5	18.0	14.5	16.5	13.5	11.5	12.5	6.0	4.0	4.5
12	21.0	18.5	20.0	16.5	13.0	15.0	13.0	11.0	12.5	6.0	3.5	4.5
13	19.5	17.0	18.0	15.5	13.5	14.5	13.0	11.0	12.0	6.0	4.0	4.5
14	18.0	15.5	17.0	15.5	13.5	14.5	13.0	11.0	12.0	6.5	3.0	4.0
15	17.5	15.5	16.5	15.5	14.0	15.0	13.5	12.5	13.0	5.5	2.0	3.5
16	17.5	16.0	17.0	16.0	15.0	15.5	13.5	11.0	12.5	5.0	2.5	3.5
17	18.5	16.5	17.5	17.5	15.5	16.5	12.0	10.0	11.0	5.0	2.5	4.0
18	19.0	17.0	18.0	17.0	16.0	16.5	11.5	9.5	10.5	5.5	3.5	4.5
19	19.5	18.0	19.0	17.0	16.0	16.5	11.5	9.5	10.5	6.5	3.5	5.0
20	20.5	18.5	19.5	16.5	16.0	16.0	12.5	10.5	11.5	7.5	5.0	6.0
21	21.0	18.0	20.0	15.5	14.0	15.0	12.5	11.5	12.0	7.5	6.0	6.5
22	19.0	17.0	18.0	15.5	13.0	14.0	12.5	11.5	12.5	8.0	6.0	7.0
23	18.0	16.0	17.0	16.0	12.5	14.5	12.5	11.0	12.0	8.0	6.0	7.0
24	18.5	16.5	17.5	15.5	13.5	14.5	12.5	11.0	12.0	8.0	6.5	7.0
25	18.5	17.5	18.0	15.5	13.5	14.5	13.0	11.5	12.5	8.5	7.0	7.5
26	18.0	17.0	17.5	16.0	14.5	15.5	13.5	12.0	13.0	8.5	6.0	7.0
27	18.0	17.0	17.5	16.0	15.0	15.5	13.0	12.0	12.5	8.5	6.0	7.0
28	17.5	16.5	17.0	16.0	15.0	15.5	12.5	12.0	12.5	9.0	6.5	7.5
29	17.5	15.0	16.5	16.0	15.0	15.5	12.0	10.0	11.0	9.5	7.0	8.0
30	17.5	15.0	16.5	15.5	14.0	15.0	11.0	9.0	10.0	10.0	7.5	8.5
31	17.5	15.5	17.0	---	---	---	11.0	9.5	10.0	10.5	8.0	9.0
MONTH	25.5	15.0	19.0	20.0	12.5	16.0	14.5	9.0	12.0	11.5	2.0	6.5

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

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

TEMPERATURE (°C) OF WATER, 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	26.5	22.5	24.5	28.5	25.0	26.5	31.5	28.5	30.0	26.5	25.0	26.0
2	27.0	23.0	24.5	28.5	25.0	26.5	31.5	28.5	30.0	27.0	24.5	26.0
3	26.0	23.0	24.5	26.5	25.5	26.0	31.0	28.5	30.0	27.5	25.5	26.5
4	24.5	22.0	23.0	27.0	25.0	25.5	31.5	29.0	30.5	27.5	26.5	27.0
5	24.5	22.0	23.0	26.5	24.5	26.0	31.5	28.5	30.0	27.0	26.0	26.5
6	25.0	22.5	23.5	26.5	25.0	26.0	32.0	29.0	30.5	26.5	24.5	26.0
7	25.0	23.0	24.0	27.0	25.0	26.0	31.0	29.0	30.0	25.5	23.5	25.0
8	26.0	23.5	25.0	28.0	25.5	26.5	32.0	28.5	30.0	24.5	23.5	24.0
9	26.5	24.5	25.5	29.0	26.0	27.0	32.0	29.0	30.5	24.5	23.5	24.0
10	25.5	23.0	24.5	30.0	26.5	28.0	31.0	27.0	29.5	27.5	24.0	25.0
11	25.0	23.0	24.0	29.5	27.5	28.0	30.5	27.5	28.5	29.0	25.0	26.0
12	26.0	23.0	24.5	28.5	27.5	28.0	31.0	27.5	29.0	27.0	25.5	26.0
13	27.0	23.5	25.0	30.5	27.5	28.5	30.5	27.5	29.0	28.0	25.0	26.0
14	27.5	24.0	25.5	31.0	28.0	29.0	31.0	27.0	29.0	29.0	25.5	26.5
15	28.5	24.5	26.0	31.5	28.0	29.5	29.0	27.5	28.0	27.0	26.0	26.0
16	28.0	25.0	26.0	31.5	29.0	30.0	29.5	27.0	28.0	26.0	25.0	25.5
17	28.5	25.0	26.5	31.5	29.0	30.0	31.0	27.0	28.5	25.0	24.5	25.0
18	28.0	25.5	26.5	31.5	29.0	30.0	30.0	27.5	28.5	25.0	24.0	24.5
19	28.5	25.5	27.0	31.0	28.0	29.5	29.5	27.5	29.0	25.5	24.5	25.0
20	28.0	26.5	27.0	30.5	27.5	29.5	30.0	27.5	29.0	26.0	24.5	25.5
21	28.5	26.0	27.0	30.5	28.0	29.0	30.5	27.5	28.5	26.5	25.0	26.0
22	28.5	26.5	27.5	28.5	28.0	28.0	29.0	27.0	27.5	26.5	25.0	26.0
23	29.0	27.0	28.0	28.5	28.0	28.0	29.5	27.0	28.0	27.5	25.5	26.0
24	30.0	27.5	28.5	31.0	28.0	28.5	29.5	27.0	27.5	27.5	26.0	26.5
25	29.0	27.0	28.0	31.0	28.0	28.5	30.0	27.0	28.0	27.5	25.5	26.5
26	29.5	27.0	28.0	31.0	28.0	29.0	30.5	27.0	28.5	26.0	24.5	25.5
27	28.0	26.0	27.0	31.5	28.0	29.5	29.5	27.0	28.0	26.0	23.5	25.0
28	28.5	26.0	27.0	30.0	28.0	29.0	27.5	26.0	27.0	25.5	24.0	24.5
29	29.0	26.0	27.0	31.5	28.0	29.5	29.5	25.5	27.0	26.0	24.0	25.0
30	28.0	26.0	26.5	31.5	28.5	30.0	28.0	27.0	27.5	25.5	24.0	25.0
31	---	---	---	32.0	28.5	30.0	28.0	25.5	26.5	---	---	---
MONTH	30.0	22.0	26.0	32.0	24.5	28.0	32.0	25.5	29.0	29.0	23.5	25.5
YEAR	32.0	2.0	19.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.7	3.8	4.8	7.2	6.3	6.7	8.8	7.7	8.2	9.6	8.7	9.2
2	5.1	3.8	4.5	7.3	6.5	7.0	8.8	7.5	8.3	10.0	8.6	9.4
3	6.3	4.0	4.9	7.4	6.1	7.0	8.7	7.8	8.3	10.1	9.5	9.8
4	6.1	5.1	5.7	7.2	5.8	6.7	9.3	8.0	8.6	10.0	9.5	9.7
5	6.2	4.4	5.5	7.4	5.0	6.5	9.2	8.2	8.8	10.1	9.3	9.7
6	6.1	4.1	5.2	8.2	6.6	7.6	9.2	8.3	8.7	10.5	9.5	10.0
7	5.9	3.3	5.1	8.3	7.7	7.9	9.2	8.4	8.8	11.3	10.3	10.8
8	6.2	4.3	5.4	8.2	7.4	7.8	9.2	8.5	8.9	11.2	10.5	10.9
9	6.4	5.3	6.0	8.2	6.4	7.5	8.7	7.9	8.4	11.0	10.4	10.7
10	6.4	4.9	5.8	8.0	6.7	7.5	8.5	7.7	8.1	11.1	10.5	10.8
11	6.4	4.4	5.7	7.7	6.9	7.3	8.2	7.6	7.9	11.5	11.0	11.2
12	6.6	5.1	6.1	8.0	7.1	7.5	8.2	7.7	7.9	11.5	10.9	11.2
13	7.2	6.3	6.9	7.9	7.1	7.6	8.2	7.5	7.9	11.2	10.8	11.0
14	7.5	6.2	7.1	8.0	7.1	7.6	8.2	7.5	8.0	12.0	11.0	11.5
15	7.6	6.5	7.2	7.9	7.2	7.6	8.3	7.3	8.0	12.1	11.5	11.8
16	7.6	6.0	7.2	7.9	7.3	7.7	8.5	7.9	8.2	12.1	11.5	11.8
17	7.4	4.9	6.9	8.0	6.8	7.7	9.0	8.2	8.5	11.8	11.4	11.6
18	7.3	6.0	6.7	7.7	6.9	7.3	9.0	8.3	8.7	11.6	11.1	11.4
19	7.4	5.5	6.7	7.7	6.3	7.2	8.9	8.2	8.6	11.4	11.0	11.2
20	7.1	4.8	6.4	7.9	6.1	7.3	9.1	8.4	8.8	11.4	10.9	11.2
21	6.5	4.2	6.0	8.2	7.1	7.8	8.9	8.1	8.7	11.1	10.6	10.9
22	6.7	5.3	6.4	8.6	6.1	7.8	8.7	7.9	8.5	11.1	10.6	10.8
23	6.8	6.1	6.5	8.1	6.1	7.5	8.9	8.2	8.6	11.1	10.5	10.8
24	6.8	5.9	6.5	9.5	8.5	8.8	9.1	8.3	8.7	11.0	10.2	10.7
25	7.3	4.8	6.2	9.0	7.9	8.5	9.0	8.3	8.6	10.9	10.3	10.6
26	7.2	6.4	6.9	9.0	7.2	8.3	8.8	8.2	8.5	10.8	10.2	10.5
27	7.3	5.9	6.8	8.9	7.2	8.4	9.1	8.3	8.7	11.2	10.2	10.7
28	7.2	6.0	6.7	8.9	7.7	8.6	9.0	8.5	8.7	10.8	9.8	10.4
29	7.2	6.1	6.8	8.5	6.7	8.0	9.9	9.0	9.3	10.9	9.9	10.3
30	7.2	5.8	6.7	8.4	7.5	8.0	9.8	9.2	9.5	11.3	10.0	10.4
31	7.2	5.9	6.7	---	---	---	9.6	8.9	9.3	11.1	9.9	10.4
MONTH	7.6	3.3	6.2	9.5	5.0	7.6	9.9	7.3	8.5	12.1	8.6	10.7

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.5	7.5	8.0	7.2	5.0	6.3	6.0	4.7	5.3	6.9	5.5	6.2
2	8.8	7.4	8.1	7.0	4.9	6.4	6.2	4.7	5.4	7.0	5.5	6.1
3	9.3	7.7	8.2	6.9	5.4	6.2	6.1	4.9	5.5	6.8	4.8	5.8
4	9.5	7.8	8.3	7.0	5.1	6.2	5.9	4.6	5.3	6.7	4.2	5.6
5	8.9	7.7	8.2	7.3	6.0	6.7	6.2	5.2	5.7	6.2	4.7	5.3
6	8.6	6.3	7.5	7.3	6.5	6.9	5.9	4.7	5.5	6.4	5.0	5.7
7	7.5	5.6	6.9	7.4	5.2	6.6	6.1	4.6	5.2	7.1	5.7	6.6
8	7.4	5.7	6.8	7.3	5.0	6.4	6.6	4.6	5.4	7.1	6.2	6.7
9	7.2	5.2	6.6	7.3	5.5	6.4	6.8	4.5	5.5	6.7	5.6	6.2
10	7.0	5.8	6.6	7.7	5.3	6.3	5.7	4.4	5.0	6.5	4.9	5.8
11	7.5	6.0	6.8	7.5	5.7	6.3	6.0	4.0	5.0	6.9	5.0	5.7
12	7.8	6.0	7.0	7.0	5.3	6.2	6.8	4.1	5.4	6.8	5.3	6.1
13	8.9	6.2	7.5	7.5	4.8	6.3	6.0	4.6	5.4	6.8	4.9	5.7
14	9.4	5.4	7.5	7.7	4.8	6.6	5.9	4.5	5.3	6.6	4.7	5.5
15	10.2	6.0	7.6	8.6	4.4	6.5	5.9	4.4	5.0	6.5	4.3	5.6
16	8.9	6.1	7.4	7.1	5.7	6.3	6.0	4.4	4.9	7.0	5.9	6.4
17	7.9	6.2	7.0	7.2	4.7	6.1	5.2	3.9	4.6	6.6	5.6	6.1
18	7.4	6.2	6.8	6.8	5.8	6.2	5.7	4.4	4.8	6.8	5.8	6.3
19	7.6	5.6	6.9	7.2	5.8	6.3	6.0	4.4	4.8	6.8	5.6	6.1
20	7.6	5.3	6.7	7.2	5.8	6.3	5.7	4.4	5.2	6.5	5.2	5.8
21	7.2	5.4	6.7	7.3	4.5	6.2	5.6	4.3	4.9	6.9	5.0	5.6
22	7.1	6.2	6.6	6.8	5.3	6.3	5.8	4.5	5.3	7.1	5.0	5.8
23	7.2	5.8	6.4	6.8	6.1	6.5	5.8	4.7	5.4	7.4	4.9	5.9
24	7.2	5.6	6.5	7.5	5.8	6.6	5.8	5.2	5.5	6.7	5.3	5.9
25	7.3	5.9	6.6	7.8	5.6	6.7	6.4	4.5	5.5	6.2	4.1	5.2
26	7.0	5.0	6.3	7.0	5.6	6.4	5.7	4.9	5.3	6.1	4.2	5.3
27	6.6	5.5	6.1	7.3	6.6	6.9	5.7	5.0	5.4	6.3	5.1	5.6
28	7.9	4.7	6.6	7.3	5.8	6.5	5.5	4.3	5.1	6.3	5.0	5.6
29	7.3	5.0	6.5	6.2	4.3	5.6	---	---	---	6.4	5.0	5.8
30	6.8	5.4	6.2	6.1	4.8	5.5	---	---	---	6.3	5.2	5.8
31	---	---	---	6.3	5.5	5.7	---	---	---	---	---	---
MONTH	10.2	4.7	7.0	8.6	4.3	6.3	6.8	3.9	5.2	7.4	4.1	5.9
YEAR	12.1	3.3	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: Sept. 13-30, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--54 years, 4,458 ft^3/s, 19.85 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, 13,500 ft^3/s, Feb. 17, gage height, 7.52 ft; minimum daily, 527 ft^3/s, Aug. 20.

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	1380	627	9760	1520	1740	774	1540	669	558	953	1210	585
2	1090	663	8940	3780	3680	700	1730	605	606	927	709	618
3	597	915	2570	3220	9930	956	616	969	585	932	696	774
4	1070	1420	3050	4970	8930	1930	1240	1110	600	953	798	605
5	644	1510	677	2970	8630	1850	1540	2270	767	962	735	631
6	604	4850	627	7220	3720	641	834	2710	854	864	625	2730
7	2390	925	2400	6140	1070	759	2170	625	860	888	792	842
8	1630	672	2590	7510	3440	711	653	593	754	871	2210	875
9	1270	1650	1070	1250	3760	651	1320	577	723	901	2150	1050
10	928	1090	686	1100	2700	2250	1210	863	712	829	587	2990
11	572	3420	1550	5860	4340	3080	1270	1280	579	889	690	1160
12	2860	3370	1610	8590	4520	688	2010	681	640	775	842	4760
13	3510	1520	697	8700	3240	683	5530	624	618	659	561	1300
14	2040	930	4360	8540	1830	3270	1330	1460	753	2360	615	640
15	853	998	1870	3660	668	5060	698	1350	699	3610	2750	700
16	612	810	8180	1470	4000	1850	2310	2640	854	823	877	800
17	619	707	8970	706	4670	2030	618	1110	872	533	2480	1400
18	614	631	10500	6590	5080	3000	701	715	1320	594	2850	700
19	595	3430	4680	3480	1920	697	2050	1220	898	1520	955	660
20	662	2930	651	5510	2920	880	747	765	1930	1040	527	640
21	666	1190	3000	7550	1670	1840	1610	663	3930	2310	564	620
22	562	641	5690	8650	2080	1480	1800	649	4130	677	683	720
23	857	1180	2510	8610	5010	1510	619	2620	1220	888	605	1500
24	631	2270	2830	8640	4150	801	646	651	872	820	610	780
25	545	587	2370	8670	5670	708	4540	641	939	1510	614	640
26	600	1210	3270	8740	4790	645	2670	673	1100	673	1310	760
27	1360	1170	5320	8770	900	937	1790	806	906	764	636	950
28	3910	743	9430	9110	630	2500	717	935	1410	1690	674	1200
29	1960	4550	7640	5770	5520	3140	881	588	971	2510	673	860
30	954	9330	7100	759	---	672	607	754	988	711	749	720
31	601	---	7100	657	---	628	---	1030	---	1090	544	---
TOTAL	37186	55939	131698	168712	111208	47321	45997	32846	32648	35526	31321	33210
MEAN	1200	1865	4248	5442	3835	1526	1533	1060	1088	1146	1010	1107
MAX	3910	9330	10500	9110	9930	5060	5530	2710	4130	3610	2850	4760
MIN	545	587	627	657	630	628	607	577	558	533	527	585

CAL YR 1987 TOTAL 1513009 MEAN 4145 MAX 28900 MIN 537
WTR YR 1988 TOTAL 763612 MEAN 2086 MAX 10500 MIN 527

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.--20 years, 5,339 ft^3/s 20.54 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 17,900 ft^3/s, Dec. 28, gage height, 9.23 ft; minimum daily, 720 ft^3/s Oct. 25.

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	1820	798	10400	3360	2070	2890	1890	912	1150	1210	1330	836
2	1090	789	10700	3810	2880	1010	2110	907	803	1140	1070	821
3	969	848	3720	4830	9690	1100	990	880	806	1060	1040	1010
4	1230	1400	3140	8210	12400	2350	1000	1400	813	1140	1210	1440
5	759	1660	2160	4620	11300	2120	1720	2700	869	1100	1270	3310
6	840	4760	858	7750	7000	960	1930	3310	1030	1100	962	3150
7	2030	1760	2570	7130	1660	1030	2250	976	1060	1020	1210	2130
8	2280	859	2850	8550	4020	993	1520	895	1010	1030	1690	1070
9	1390	1690	1320	3900	4220	980	1600	874	914	1530	2590	2160
10	1110	1420	965	1600	2650	1760	1180	891	1220	1220	1440	7590
11	802	2260	2300	4600	4660	7240	1880	1540	872	1070	936	1830
12	1740	5230	1120	9510	5610	1490	1920	1160	835	1060	990	3470
13	4190	1710	1910	9740	4150	1340	7230	925	794	896	898	3420
14	2570	1250	3130	10200	2470	2630	3000	1040	930	1420	764	1970
15	1340	1150	2960	6190	1110	5040	1130	1920	859	3620	1490	899
16	796	895	9560	2180	4390	4360	2590	2000	1010	3300	2440	854
17	818	1020	9640	1280	5330	2500	1200	2160	1050	758	1510	950
18	772	1150	11600	7120	5400	3420	1000	1420	1200	733	2370	1650
19	805	1780	7940	8190	2550	1720	1870	1530	1910	934	2920	1190
20	768	4000	908	8770	3900	1400	2310	958	2060	1970	775	979
21	795	2260	2770	10700	2170	2510	2000	1040	4040	2100	1080	968
22	811	825	6130	10300	2500	1900	2160	872	2550	2630	858	903
23	925	1310	5590	9950	4310	1870	1010	1990	3750	1450	815	1070
24	843	2350	2520	9820	5010	1230	987	1730	1060	1170	781	1740
25	720	869	3860	9750	5320	1070	4230	1190	1080	1870	1060	1220
26	757	1200	3070	10300	6970	1520	3330	979	1210	1260	998	901
27	836	3490	4950	10000	1590	1650	1530	973	1390	997	1410	1190
28	3780	5890	13200	9860	978	1810	2080	1200	1250	1780	830	1250
29	2720	3620	13700	7410	4350	5240	1130	891	1610	2480	4620	1530
30	1640	9760	8630	2710	---	1120	932	896	1250	1770	3890	1050
31	798	---	9000	1100	---	1060	---	956	---	1190	1100	---
TOTAL	42744	68003	163171	213440	130658	67313	59709	41115	40385	46008	46347	52551
MEAN	1379	2267	5264	6885	4505	2171	1990	1326	1346	1484	1495	1752
MAX	4190	9760	13700	10700	12400	7240	7230	3310	4040	3620	4620	7590
MIN	720	789	858	1100	978	960	932	872	794	733	764	821

CAL YR 1987 TOTAL 1782093 MEAN 4882 MAX 35000 MIN 720
WTR YR 1988 TOTAL 971444 MEAN 2654 MAX 13700 MIN 720

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 fair, except for estimated daily discharges: Jan. 10-14, which are poor.

AVERAGE DISCHARGE.--32 years (water years 1952-81,1987-88), 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)
Nov. 28	1300	*1790	*4.86				

Minimum discharge, 4.4 ft^3/s, gage height, 0.54 ft, Aug. 27, 28.

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	43	26	194	118	116	70	83	42	20	62	14	24
2	29	25	129	251	111	68	78	41	20	32	12	17
3	28	25	102	511	118	68	75	40	21	22	10	14
4	27	26	92	1060	162	68	75	40	36	24	10	70
5	27	26	80	510	260	68	71	50	29	23	11	299
6	28	26	72	277	168	64	68	46	22	19	12	116
7	26	25	67	196	132	63	68	40	20	16	13	45
8	26	26	64	183	121	61	64	38	18	15	11	30
9	25	26	62	170	112	65	60	36	19	18	13	252
10	24	32	63	165	106	168	56	36	34	20	14	413
11	25	53	81	140	100	359	55	35	28	18	26	125
12	25	41	75	150	98	194	92	33	19	17	25	67
13	24	34	65	160	92	149	151	32	18	40	15	44
14	23	32	58	306	86	153	98	33	17	57	12	34
15	22	31	65	194	87	116	80	32	16	65	11	27
16	23	29	124	151	97	97	75	31	15	32	9.7	24
17	23	45	93	149	88	88	68	35	15	23	9.0	28
18	24	91	73	434	83	86	64	33	19	18	8.3	180
19	24	56	65	543	95	162	181	30	114	16	6.9	165
20	24	44	63	1090	122	161	173	28	64	15	5.6	89
21	22	38	64	810	108	120	93	27	36	14	5.5	55
22	21	35	357	380	92	102	74	26	26	17	8.0	39
23	19	34	310	261	86	91	64	26	21	44	8.3	31
24	21	34	166	201	84	86	71	36	17	36	7.2	26
25	23	34	131	190	78	83	69	40	16	23	6.9	23
26	24	38	128	239	76	101	56	43	15	21	6.0	22
27	29	646	115	179	74	193	53	30	18	18	4.9	21
28	44	1350	186	146	73	164	49	27	24	47	10	19
29	34	576	394	135	71	115	44	25	16	44	151	18
30	28	338	196	127	---	99	43	23	28	20	104	17
31	27	---	137	121	---	90	---	21	---	21	36	---
TOTAL	812	3842	3871	9547	3096	3572	2351	1055	781	857	596.3	2334
MEAN	26.2	128	125	308	107	115	78.4	34.0	26.0	27.6	19.2	77.8
MAX	44	1350	394	1090	260	359	181	50	114	65	151	413
MIN	19	25	58	118	71	61	43	21	15	14	4.9	14

CAL YR 1987 TOTAL 94938.3 MEAN 260 MAX 6290 MIN 6.3
WTR YR 1988 TOTAL 32714.3 MEAN 89.4 MAX 1350 MIN 4.9

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: No CAL YR 1986 should be included.

02148000 WATEREE RIVER NEAR CAMDEN, SC

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

DRAINAGE AREA.--5,070 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.--65 years (water years 1905-10, 1930-88), 6,330 ft^3/s, 16.96 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, 13,700 ft^3/s, Jan. 21, gage height, 12.69 ft; minimum daily, 212 ft^3/s, June 5.

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	1250	775	12600	7420	4820	3170	1370	844	1220	1330	1430	1970
2	711	1190	11000	3130	3730	1530	371	1330	1070	1180	1420	931
3	524	1220	7090	5940	9070	4800	1390	1050	621	1160	1440	849
4	473	985	3260	12300	12600	1350	2960	1340	462	1140	1470	1650
5	514	1240	1530	13200	12500	910	1400	1360	212	1160	1500	4150
6	892	1560	867	9990	9890	1380	1670	1390	629	1190	1500	7430
7	1990	1310	3370	10100	3220	710	3250	2090	1100	1500	1620	5960
8	2680	975	2580	11500	3440	847	1060	1760	982	1090	2070	6820
9	1170	1720	1270	6080	5370	3950	1330	1930	1060	1200	1450	8480
10	900	3110	4680	1570	3640	2980	1290	409	1130	1330	1580	9650
11	1300	3770	3540	6480	5650	5950	1060	406	649	1660	1840	8470
12	3190	1690	1250	12000	6440	5870	4810	1500	1210	1230	1710	8530
13	2450	1040	831	11000	4240	1750	7540	897	1080	1210	1630	4040
14	1110	651	2460	7640	1810	4750	3940	1390	1070	2510	1730	1500
15	820	1300	5340	7440	6620	5320	1090	882	1050	2440	1750	1160
16	898	952	6570	7400	5690	5060	2780	2460	1040	1750	2000	1410
17	825	4910	8730	1220	2900	3100	2700	1030	976	856	2990	1320
18	1260	2090	10000	8150	5490	4090	2240	1830	885	1070	3430	1400
19	1380	4340	10300	12500	7860	897	3280	1510	1070	1470	2260	1200
20	1100	2000	5420	13400	4280	1560	1280	965	1300	1290	1780	1210
21	1100	602	3560	13600	739	2060	2650	1070	1110	1370	1770	1380
22	1210	768	6850	13600	2760	4110	2560	799	1320	1270	1690	1250
23	1200	1280	5640	13400	5820	3210	1490	1190	1210	1460	1920	1250
24	1170	1610	4440	13300	4550	3300	1640	871	825	1200	1470	1630
25	1120	475	4950	13300	5250	950	4300	973	1050	1490	2310	1210
26	1200	1330	4810	10400	7980	1810	3990	1440	1150	1560	1660	662
27	1360	5690	7560	12800	2630	2030	1660	1640	1160	1270	2340	3100
28	1460	11600	8470	11900	675	2560	1300	553	1220	1400	2020	2610
29	1460	12500	12300	6810	5800	2220	1440	907	1100	3030	3010	1600
30	1050	10500	12700	4160	---	4080	1240	849	952	1650	7670	1010
31	786	---	13000	2780	---	4860	---	809	---	1420	8810	---
TOTAL	38553	83183	186968	284510	155464	91164	69081	37474	29913	44886	71270	93832
MEAN	1244	2773	6031	9178	5361	2941	2303	1209	997	1448	2299	3128
MAX	3190	12500	13000	13600	12600	5950	7540	2460	1320	3030	8810	9650
MIN	473	475	831	1220	675	710	371	406	212	856	1420	662

CAL YR 1987 TOTAL 2421863 MEAN 6635 MAX 66100 MIN 357
WTR YR 1988 TOTAL 1186298 MEAN 3241 MAX 13600 MIN 212

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

WATER-QUALITY RECORDS

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

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

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, 8.0°C, Mar. 4, 20, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, July 18, Aug. 16, 19; minimum, 8.0°C Mar. 4, 20.

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

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

02148000 WATEREE RIVER NEAR CAMDEN, SC--Continued

WATER-QUALITY RECORDS--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	20.5	22.0	25.5	23.0	24.0	29.0	26.0	27.0	26.5	25.0	26.0
2	26.0	20.5	22.0	26.0	22.5	24.0	28.5	26.0	27.0	27.0	25.5	26.0
3	23.5	21.0	22.0	23.5	22.5	23.0	28.5	26.0	27.0	27.0	26.0	26.5
4	22.5	19.5	21.0	24.0	22.5	23.0	27.0	26.0	26.5	27.0	26.0	26.5
5	24.5	20.0	22.0	25.5	22.5	24.0	28.0	26.0	27.0	27.5	26.0	26.5
6	25.0	20.0	22.5	26.0	22.5	24.0	28.5	26.0	27.0	27.0	25.5	26.5
7	25.0	20.5	22.5	26.5	22.5	24.0	29.5	26.5	27.5	27.5	25.0	26.0
8	24.5	21.0	22.0	28.0	24.0	25.0	29.0	26.5	27.5	26.0	24.5	25.5
9	26.0	21.0	22.5	27.5	24.0	25.0	29.5	27.0	28.0	25.5	25.0	25.5
10	22.5	20.5	21.5	27.0	24.0	25.0	29.5	26.5	27.5	25.5	24.0	25.0
11	22.5	20.0	21.5	26.5	24.0	25.0	---	---	---	26.0	24.5	25.0
12	25.5	20.0	22.5	27.0	24.5	25.5	---	---	---	25.5	24.5	25.0
13	25.0	20.5	22.5	27.5	24.5	25.5	---	---	---	26.0	24.0	25.0
14	25.5	21.0	22.5	27.5	25.0	26.0	---	---	---	26.5	24.0	25.0
15	26.0	21.0	22.5	28.0	25.5	26.5	---	---	---	25.5	24.0	24.5
16	26.0	21.0	23.0	27.5	25.5	26.0	30.5	28.0	29.0	24.5	23.5	24.0
17	23.5	21.5	22.5	29.5	25.5	26.5	29.5	26.5	27.5	23.5	22.5	23.5
18	25.5	21.5	23.0	30.5	25.0	26.5	30.0	27.5	28.5	23.5	22.5	23.0
19	25.5	22.0	23.5	28.0	25.5	26.0	30.5	27.5	28.5	24.5	23.0	23.5
20	25.0	22.0	23.5	27.5	25.0	26.0	29.5	27.5	28.5	26.5	23.5	24.5
21	25.5	23.0	24.0	27.5	25.0	26.0	29.5	27.5	28.0	26.0	23.5	24.0
22	27.0	23.0	24.0	27.0	25.0	26.0	29.0	27.5	28.0	26.5	22.5	24.0
23	25.5	23.0	24.0	27.0	25.5	26.0	29.5	27.0	28.0	26.5	22.5	24.0
24	26.5	24.0	25.0	29.0	25.5	26.5	29.0	27.5	28.0	26.0	23.0	24.0
25	25.5	23.0	24.0	27.5	25.5	26.5	30.0	27.5	28.5	26.0	23.5	24.5
26	25.0	23.0	24.0	28.0	25.0	26.0	29.5	27.0	28.0	24.0	22.0	23.0
27	25.0	23.0	24.0	27.5	25.5	26.0	29.0	27.0	28.0	24.5	21.5	23.0
28	25.5	22.0	23.5	28.0	25.0	26.0	27.5	26.5	27.0	25.0	22.0	23.5
29	---	---	---	28.5	25.5	26.5	28.5	25.5	27.0	25.0	22.5	23.5
30	23.5	23.5	23.5	28.5	26.5	27.0	28.0	26.0	27.5	25.0	22.5	23.5
31	---	---	---	29.0	25.5	27.0	28.0	26.5	27.5	---	---	---
MONTH	27.0	19.5	23.0	30.5	22.5	25.5	30.5	25.5	27.5	27.5	21.5	24.5
YEAR	30.5	8.0	21.5									

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

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft^3. Discharge represents only that portion of the flow confined to the main channel; less than 10,000 ft^3/s. At times of high flow, bankfull capacity is exceeded in the intervening channel reach.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,940 ft^3/s, Jan. 22, gage height, 15.03 ft; minimum daily, 607 ft^3/s, June 7.

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	2820	1710	9380	9580	4940	3830	4550	2190	1280	1350	1750	6580
2	2380	1190	9570	8450	5060	4550	3800	1730	1380	1350	1520	4230
3	1770	1390	9480	6040	5460	3390	1940	1680	1480	1470	1440	2190
4	1350	1610	8100	6620	7750	3410	1450	1780	1450	1430	1420	1510
5	1140	1640	5500	9010	9190	3760	3020	1940	1090	1410	1460	1400
6	1010	1510	4130	9430	9460	2210	2900	2110	805	1390	1420	2930
7	1010	1860	2480	9210	8990	1930	2200	2170	607	1390	1370	4960
8	1500	1780	2990	9040	6490	2080	3390	2320	1010	1420	1390	4980
9	2780	1610	3830	9060	4710	1520	2790	2850	1310	1590	1460	5780
10	2190	1790	2790	7630	5590	2910	2110	2670	1470	1400	1600	7120
11	1670	2490	3530	4990	5040	4300	2110	1900	1570	1400	1420	7840
12	1440	3670	4910	5690	5500	5560	2040	1200	1550	1460	1420	7620
13	2140	3530	2680	8990	6490	6150	3560	1240	1240	1740	1530	7370
14	3330	1970	2200	9070	5720	4610	6630	1760	1510	1520	1430	5680
15	2400	1440	2110	8060	3720	4300	5780	1720	1480	1640	1360	3460
16	1610	1400	4490	7770	5240	5770	3670	1760	1440	2350	1360	2240
17	1280	1630	6090	7350	6340	5650	3160	2150	1410	2500	1480	1950
18	1420	3160	7520	4400	4510	4850	3920	2390	1400	1580	1600	1930
19	1330	4030	8210	6710	4870	4510	3780	2070	1410	1290	2390	1930
20	1680	3410	8350	9250	6950	3310	3870	2580	1280	1410	2270	2060
21	1710	3910	6870	9730	6080	2400	3230	1800	1420	1410	1670	1700
22	1590	2270	5110	9870	3510	2970	2950	1580	1520	1410	1440	1820
23	1600	1350	6180	9870	2890	3850	3580	1500	1520	1400	1340	1800
24	1640	1530	6420	9880	4740	4150	3150	1500	1670	1430	1310	1650
25	1630	1950	5410	9900	5580	3910	2470	1560	1260	1410	1300	1720
26	1600	1630	5560	9860	5070	3110	3800	1490	1220	1440	1270	1780
27	1660	1360	5380	9550	6770	2210	4750	1680	1360	1590	1360	1610
28	1830	4090	6800	9580	5190	2840	3290	1910	1440	1570	1360	1670
29	2020	8580	7890	9440	2620	3310	2450	1750	1470	1510	1670	2760
30	2340	9410	9120	8370	---	3480	2300	1290	1440	1860	1970	2460
31	1880	---	9490	6600	---	3850	---	1160	---	2420	4650	---
TOTAL	55750	78900	182570	259000	164470	114680	98640	57430	40492	48540	50430	102730
MEAN	1798	2630	5889	8355	5671	3699	3288	1853	1350	1566	1627	3424
MAX	3330	9410	9570	9900	9460	6150	6630	2850	1670	2500	4650	7840
MIN	1010	1190	2110	4400	2620	1520	1450	1160	607	1290	1270	1400

WTR YR 1988 TOTAL 1253632 MEAN 3425 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, 251 microsiemens, Aug. 21, 22, 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, 251 microsiemens, Aug. 21, 22; minimum, 75 microsiemens, Feb. 10.
pH: Maximum, 8.2 units, July 3, 5, 6, 9; minimum, 5.8 units, Mar. 10.
WATER TEMPERATURE: Maximum, 31.0°, Aug. 2, 3, 10; minimum, 5.5°C, Jan. 15-18, 27, 28.
DISSOLVED OXYGEN: Maximum, 11.2 mg/L, Jan. 19; minimum, 5.1 mg/L, Aug. 31, Sept. 1.

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	88	83	85	118	101	110	---	---	---	175	156	169
2	90	85	87	115	95	104	---	---	---	172	151	161
3	94	90	91	100	93	96	---	---	---	151	148	150
4	99	90	94	97	86	93	---	---	---	148	137	143
5	100	96	98	103	94	98	---	---	---	157	150	154
6	100	78	86	104	100	102	---	---	---	156	131	146
7	82	76	79	112	103	108	---	---	---	153	123	130
8	97	81	87	111	106	109	---	---	---	127	124	125
9	97	90	94	106	103	105	163	149	159	127	122	126
10	100	96	98	105	101	103	159	156	158	121	113	115
11	103	97	100	104	100	102	159	140	152	128	106	113
12	104	99	101	106	104	105	172	162	168	129	109	121
13	102	88	98	106	99	104	164	156	160	128	126	127
14	96	91	93	106	103	105	155	136	148	127	108	117
15	96	94	95	106	100	104	146	134	141	107	102	105
16	99	96	98	105	95	99	161	135	152	106	102	104
17	105	86	99	104	95	100	162	158	160	107	104	106
18	110	98	103	107	93	99	168	163	165	104	97	102
19	109	96	101	117	108	115	169	167	168	103	83	97
20	103	94	98	116	100	108	169	163	167	107	103	106
21	101	97	99	---	---	---	166	157	161	106	105	106
22	101	98	99	---	---	---	156	146	150	106	102	103
23	104	100	102	---	---	---	159	144	152	108	103	106
24	106	101	103	113	106	110	160	148	156	109	107	108
25	103	97	100	122	106	114	154	150	152	110	109	109
26	101	96	99	126	122	124	158	150	156	111	103	109
27	101	80	90	132	108	120	160	154	157	103	93	95
28	100	90	94	120	89	108	168	156	163	96	92	94
29	94	84	90	129	121	123	163	154	157	92	86	90
30	92	82	85	131	126	129	164	159	162	89	83	86
31	94	86	90	---	---	---	167	163	165	89	87	88
MONTH	110	76	95	132	86	107	172	134	158	175	83	116

02148315 WATEREE RIVER BELOW EASTOVER, 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	91	87	89	101	89	97	133	128	131	187	167	177
2	90	87	88	99	94	97	136	130	134	170	165	168
3	88	85	87	101	97	99	141	137	138	170	161	167
4	88	84	87	103	96	100	144	130	138	176	160	165
5	88	86	87	105	99	104	134	120	127	178	161	171
6	87	85	86	107	105	106	135	132	134	202	162	171
7	86	80	84	109	98	107	141	132	135	190	158	175
8	82	79	80	105	94	99	147	133	140	177	157	166
9	82	80	82	110	103	108	148	146	147	194	156	170
10	85	75	82	108	98	101	146	139	145	169	166	168
11	87	85	86	107	103	105	144	137	141	176	167	171
12	87	82	85	107	98	104	143	138	142	177	175	176
13	87	84	86	106	100	104	140	129	135	175	164	171
14	86	83	86	109	103	106	143	130	140	174	163	169
15	88	84	86	104	95	100	137	132	136	178	174	176
16	91	79	86	108	102	106	131	128	129	176	172	175
17	91	87	90	112	106	109	127	108	116	177	174	176
18	89	86	88	113	110	112	140	117	133	181	177	179
19	91	84	87	113	107	111	142	136	140	187	177	182
20	92	89	90	114	110	113	146	140	142	190	183	187
21	92	89	91	113	108	111	148	139	145	196	189	193
22	91	86	88	108	92	101	148	127	137	197	171	187
23	91	86	89	111	106	108	146	130	140	186	172	180
24	95	78	88	116	111	115	144	141	142	184	179	181
25	97	94	96	118	111	115	142	139	140	183	160	172
26	99	95	96	122	117	120	146	134	139	173	158	164
27	99	96	98	122	116	120	153	143	151	187	172	180
28	98	97	97	120	112	116	177	150	159	189	184	186
29	101	98	99	121	118	120	185	177	182	202	189	195
30	---	---	---	130	121	124	187	179	184	206	179	192
31	---	---	---	130	126	128	---	---	---	192	179	186
MONTH	101	75	88	130	89	109	187	108	141	206	156	177

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	193	175	182	200	191	196	227	217	223	214	206	210
2	193	183	187	217	196	209	222	213	218	205	194	199
3	193	187	190	224	216	220	224	212	217	194	168	182
4	195	189	192	224	217	221	225	218	221	169	152	163
5	203	193	198	222	217	220	226	220	224	182	157	167
6	194	150	161	221	206	216	231	227	228	205	174	187
7	154	149	151	208	205	207	234	229	232	216	187	205
8	215	147	176	208	191	204	235	227	230	220	207	213
9	225	172	205	208	195	200	233	224	228	225	217	221
10	236	203	218	210	192	201	231	208	219	220	212	215
11	225	196	207	212	208	210	238	227	232	221	201	211
12	224	200	209	214	208	212	237	229	234	208	205	206
13	246	191	208	218	206	212	241	233	238	221	208	217
14	212	175	194	224	216	220	243	229	239	225	211	215
15	202	183	193	229	216	220	231	226	228	211	206	207
16	194	187	191	231	202	216	228	226	228	210	192	200
17	194	188	191	223	203	209	230	227	229	211	201	207
18	235	190	201	---	---	---	230	225	228	208	202	205
19	---	---	---	---	---	---	244	226	235	207	202	205
20	---	---	---	---	---	---	249	243	246	201	191	198
21	---	---	---	238	235	237	251	245	248	195	190	193
22	207	176	186	237	215	223	251	238	247	189	175	184
23	210	181	190	230	222	225	240	237	238	191	167	180
24	192	172	180	229	223	225	239	225	236	202	189	196
25	---	---	---	225	218	221	241	236	239	211	198	204
26	---	---	---	224	218	220	242	238	240	211	200	207
27	197	182	189	222	206	214	245	239	243	210	205	207
28	208	200	202	218	201	211	245	227	239	209	190	201
29	207	202	204	221	211	216	235	223	231	212	198	207
30	199	167	186	224	217	222	222	208	214	207	202	205
31	---	---	---	225	216	220	210	137	181	---	---	---
MONTH	246	147	192	238	191	215	251	137	230	225	152	201
YEAR	251	75	152									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.1	6.9	7.2	7.1	6.5	6.3	7.9	7.5	7.2	7.1	7.0	7.0
2	7.1	7.0	7.1	7.0	7.5	6.2	8.0	7.8	7.2	7.0	7.0	7.0
3	7.1	7.0	7.0	7.0	7.5	7.3	8.2	8.0	7.3	7.1	7.0	6.9
4	7.0	6.1	7.3	7.0	7.4	6.9	8.1	7.8	7.2	7.1	6.9	6.8
5	7.4	5.9	7.2	7.1	6.8	6.4	8.2	7.8	7.2	7.1	6.9	6.8
6	7.4	7.2	7.3	7.2	6.7	6.3	8.2	7.8	7.1	7.0	7.0	6.9
7	7.3	7.0	7.3	7.3	6.6	6.5	8.0	7.8	7.1	7.0	7.1	6.9
8	7.5	7.2	7.3	7.2	6.8	6.6	8.0	7.4	7.1	7.0	7.1	7.0
9	7.5	7.4	7.4	7.2	7.5	6.8	8.2	7.7	7.2	7.1	7.1	7.0
10	7.4	7.3	7.3	7.2	7.6	7.5	7.7	7.4	7.2	7.1	7.0	6.9
11	7.3	7.1	7.3	7.1	7.6	7.6	7.4	7.1	7.2	7.2	6.9	6.8
12	7.3	7.1	7.1	6.9	7.6	7.4	7.2	7.1	7.2	7.1	6.9	6.8
13	7.3	7.0	7.0	6.9	7.6	7.3	7.1	7.1	7.2	7.1	6.9	6.8
14	7.4	7.2	7.0	6.9	7.7	7.6	7.2	7.1	7.1	7.1	6.9	6.8
15	7.3	7.0	7.0	6.9	7.7	7.6	7.1	7.0	7.1	7.1	6.8	6.8
16	7.0	6.9	7.2	7.0	7.7	7.6	7.0	6.8	7.2	7.1	---	---
17	6.9	6.7	7.0	6.9	7.8	7.6	7.0	6.8	7.2	7.1	---	---
18	7.0	6.8	7.0	6.9	7.7	7.4	7.1	6.8	7.2	7.1	---	---
19	7.0	6.9	7.2	6.9	7.7	7.4	---	---	7.2	7.1	6.9	6.8
20	7.1	6.9	7.1	7.1	7.9	7.6	---	---	7.2	7.2	6.9	6.8
21	7.1	7.0	7.1	6.9	7.8	7.6	7.4	7.4	7.2	7.1	6.9	6.8
22	7.0	6.9	6.9	6.8	7.6	7.4	7.4	7.4	7.2	7.1	6.9	6.9
23	7.1	6.9	6.9	6.8	7.5	7.3	7.4	7.3	7.2	7.1	7.0	6.9
24	7.1	7.0	7.0	6.9	7.5	7.1	7.4	7.3	7.2	7.1	7.0	6.9
25	7.0	6.9	7.0	7.0	7.5	6.6	7.3	7.3	7.3	7.1	7.0	6.9
26	7.2	6.9	7.1	7.0	6.8	6.5	7.4	7.3	7.3	7.2	7.2	7.0
27	7.3	7.2	7.1	7.1	7.6	6.5	7.3	7.2	7.3	7.3	7.1	7.0
28	7.3	7.2	7.2	7.1	7.3	7.0	7.2	7.2	7.3	7.2	7.1	7.0
29	7.3	7.1	7.2	7.2	8.0	6.7	7.2	7.1	7.3	7.2	7.1	7.0
30	7.2	7.1	7.2	6.6	7.8	7.5	7.1	7.1	7.2	7.1	7.2	7.0
31	---	---	6.7	6.5	---	---	7.3	7.0	7.1	6.8	---	---
MONTH	7.5	5.9	7.4	6.5	8.0	6.2	---	---	7.3	6.8	---	---
YEAR	8.2	5.8										

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, 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	24.5	23.5	24.0	17.0	16.0	16.5	---	---	---	10.5	10.0	10.5
2	24.0	22.5	23.0	17.5	16.5	17.0	---	---	---	10.5	10.5	10.5
3	23.0	21.0	22.0	18.0	17.0	17.5	---	---	---	10.5	9.5	10.0
4	21.0	20.0	20.5	18.5	17.5	18.0	---	---	---	9.5	9.0	9.0
5	20.5	19.0	20.0	19.0	18.0	18.5	---	---	---	9.5	9.0	9.5
6	20.5	19.0	19.5	18.5	17.0	17.5	---	---	---	9.5	9.0	9.0
7	20.5	19.5	20.0	16.5	15.5	16.0	---	---	---	8.5	6.5	7.5
8	19.5	19.0	19.0	15.5	15.0	15.0	---	---	---	7.0	6.5	6.5
9	20.5	19.0	19.5	16.0	15.0	15.5	12.0	10.5	11.5	7.0	6.5	7.0
10	20.0	19.5	20.0	17.5	16.0	16.5	13.0	12.0	12.5	7.0	6.5	6.5
11	20.5	20.0	20.0	17.0	16.0	16.5	13.0	13.0	13.0	6.5	6.0	6.5
12	20.0	19.5	19.5	16.0	14.0	15.0	12.5	11.5	12.0	7.0	6.0	6.0
13	19.0	18.5	18.5	14.5	13.5	14.0	11.5	11.0	11.5	7.0	6.5	6.5
14	19.0	18.0	18.5	14.0	13.5	14.0	11.5	11.5	11.5	6.5	6.0	6.0
15	18.5	17.5	18.0	13.5	13.0	13.5	12.5	11.5	12.0	6.0	5.5	5.5
16	18.0	17.0	17.5	15.0	13.5	14.0	12.0	11.0	11.5	5.5	5.5	5.5
17	18.0	17.0	17.5	15.5	15.0	15.5	11.5	10.0	10.5	5.5	5.5	5.5
18	18.5	17.0	17.5	17.0	15.5	16.0	10.5	10.0	10.0	6.5	5.5	6.0
19	19.0	17.5	18.0	16.0	15.0	15.5	10.0	10.0	10.0	7.0	6.5	6.5
20	19.5	18.5	19.0	15.0	14.0	14.5	10.5	10.0	10.5	6.5	6.0	6.5
21	20.0	19.0	19.5	---	---	---	10.5	10.5	10.5	6.0	6.0	6.0
22	19.0	18.0	18.5	---	---	---	11.0	10.5	11.0	6.5	6.0	6.0
23	17.5	16.5	17.0	---	---	---	11.0	10.5	11.0	6.0	6.0	6.0
24	17.0	16.0	16.5	12.0	11.5	12.0	10.5	10.5	10.5	6.0	6.0	6.0
25	17.0	16.5	17.0	13.5	11.5	12.5	11.5	10.5	11.0	6.0	6.0	6.0
26	17.5	16.5	17.0	14.5	13.5	14.0	12.0	11.0	11.5	6.0	6.0	6.0
27	17.5	17.0	17.0	15.5	14.5	15.0	12.0	12.0	12.0	6.0	5.5	6.0
28	17.5	16.5	17.0	15.5	14.5	15.0	12.0	11.0	11.0	6.0	5.5	6.0
29	16.5	16.0	16.5	14.5	14.0	14.0	11.0	10.5	11.0	6.0	6.0	6.0
30	16.5	15.5	16.0	14.0	13.5	14.0	10.5	10.0	10.5	6.5	6.0	6.5
31	16.5	15.5	16.0	---	---	---	10.0	9.5	10.0	7.5	6.5	7.0
MONTH	24.5	15.5	18.5	19.0	11.5	15.5	13.0	9.5	11.0	10.5	5.5	7.0

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

TEMPERATURE (°C) OF WATER, 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	27.0	25.5	26.0	26.5	25.5	26.0	30.0	28.5	29.5	27.5	26.5	27.0
2	27.5	26.5	27.0	26.5	25.5	26.0	31.0	29.5	30.0	27.0	26.5	26.5
3	27.0	25.5	26.5	26.0	25.0	25.5	31.0	29.5	30.0	28.0	26.5	27.0
4	25.5	24.5	25.0	25.0	24.5	25.0	30.5	29.0	29.5	27.5	26.5	27.0
5	25.0	23.5	24.5	25.5	24.0	24.5	29.5	28.5	29.0	27.0	26.0	26.5
6	25.5	23.5	24.5	26.0	24.0	25.0	29.5	28.5	29.0	27.0	26.0	26.5
7	27.0	24.0	25.5	27.0	25.0	26.0	29.5	28.0	29.0	26.5	26.0	26.0
8	27.0	26.0	26.5	27.5	26.0	27.0	30.5	29.0	29.5	26.0	24.5	25.0
9	27.5	25.5	26.0	28.5	27.0	28.0	30.5	29.0	30.0	25.0	24.0	24.5
10	26.0	23.5	24.5	28.5	27.5	28.0	31.0	29.5	30.5	26.0	24.0	25.0
11	24.0	23.0	23.5	29.0	28.5	28.5	30.0	29.5	30.0	26.0	26.0	26.0
12	24.5	23.0	23.5	28.5	28.0	28.5	30.0	28.5	29.0	26.5	26.0	26.5
13	25.0	23.0	24.0	28.5	27.5	28.0	29.5	28.5	29.0	26.5	26.0	26.0
14	25.5	24.0	25.0	29.0	27.0	28.0	29.5	28.5	29.0	26.0	26.0	26.0
15	26.5	25.0	26.0	29.5	27.5	28.5	29.0	28.5	29.0	26.0	26.0	26.0
16	27.0	25.5	26.5	29.5	28.5	29.0	29.0	28.0	28.5	26.0	25.5	26.0
17	27.0	26.0	26.5	30.0	28.5	29.0	30.0	28.0	29.0	25.5	24.5	25.0
18	27.0	26.0	26.5	30.0	25.0	28.5	30.5	29.0	29.5	24.5	23.5	24.0
19	---	---	---	---	---	---	30.5	29.5	30.0	24.5	23.5	24.0
20	---	---	---	---	---	---	30.5	29.5	30.0	25.5	24.0	24.5
21	---	---	---	29.5	28.5	29.5	30.0	29.5	30.0	26.5	25.0	25.5
22	29.0	27.5	28.5	28.5	28.0	28.0	30.0	29.0	29.5	26.5	25.5	26.0
23	29.5	28.0	29.0	28.0	27.5	28.0	29.5	28.5	29.0	26.5	25.5	26.0
24	29.0	28.5	29.0	28.5	27.0	28.0	29.0	28.5	29.0	26.5	25.5	26.0
25	---	---	---	28.5	27.5	28.0	30.0	28.0	29.0	27.0	26.0	26.5
26	---	---	---	29.5	27.5	28.5	30.0	28.5	29.0	26.5	25.0	25.5
27	29.5	27.5	28.0	29.0	28.0	28.5	29.0	28.5	29.0	25.0	24.5	24.5
28	27.5	26.5	27.0	28.0	27.0	27.5	28.5	27.0	28.0	24.5	23.5	24.0
29	27.0	26.0	26.5	29.0	27.0	28.0	28.5	27.0	27.5	25.0	23.5	24.5
30	27.0	26.0	26.5	29.5	28.0	29.0	28.0	27.0	27.5	25.0	24.0	24.5
31	---	---	---	29.5	28.5	29.0	27.5	26.5	27.0	---	---	---
MONTH	29.5	23.0	26.0	30.0	24.0	27.5	31.0	26.5	29.0	28.0	23.5	25.5
YEAR	31.0	5.5	18.5									

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	6.7	6.5	6.6	8.3	8.2	8.3	---	---	---	9.3	9.1	9.2
2	6.8	6.7	6.8	8.2	8.0	8.1	---	---	---	9.1	8.9	8.9
3	7.0	6.7	6.9	8.3	8.0	8.2	---	---	---	9.3	8.9	9.1
4	7.4	7.1	7.3	8.3	8.1	8.2	---	---	---	10.0	9.3	9.7
5	7.6	7.3	7.5	8.2	8.0	8.1	---	---	---	9.8	9.5	9.6
6	7.6	7.5	7.6	8.3	7.8	8.1	---	---	---	9.6	9.5	9.5
7	7.7	7.5	7.6	8.5	8.2	8.4	---	---	---	9.9	9.5	9.6
8	8.0	7.7	7.9	8.8	8.5	8.7	---	---	---	10.1	9.9	10.0
9	8.0	7.5	7.8	8.9	8.6	8.8	9.4	9.0	9.1	10.1	10.0	10.1
10	7.8	7.5	7.6	8.6	8.3	8.5	9.0	8.6	8.8	10.1	10.0	10.1
11	7.7	7.6	7.6	8.4	8.2	8.3	8.8	8.5	8.5	10.5	10.2	10.3
12	7.7	7.6	7.7	8.6	8.1	8.4	8.8	8.7	8.7	11.1	10.2	10.4
13	8.0	7.7	7.8	9.0	8.4	8.8	8.8	8.7	8.7	10.4	10.3	10.4
14	8.1	7.7	7.8	8.9	8.8	8.9	8.9	8.7	8.8	10.6	10.3	10.5
15	8.2	7.8	8.0	9.0	8.8	8.9	8.9	8.8	8.9	11.0	10.6	10.7
16	8.3	8.1	8.2	9.1	8.9	9.0	9.4	8.9	9.1	11.1	10.9	11.0
17	8.3	8.1	8.2	9.0	8.7	8.9	9.3	8.8	8.9	11.0	10.7	10.9
18	8.4	8.1	8.2	8.7	8.3	8.6	9.4	9.2	9.3	10.7	10.4	10.6
19	8.3	7.8	8.0	8.4	8.3	8.3	9.3	9.2	9.3	11.2	10.3	10.7
20	7.8	7.7	7.8	8.4	8.2	8.3	9.3	9.1	9.2	10.9	10.7	10.8
21	8.5	7.6	7.8	---	---	---	9.1	9.0	9.0	10.8	10.7	10.8
22	8.0	7.6	7.8	---	---	---	9.2	9.0	9.1	10.8	10.7	10.7
23	8.2	7.8	8.1	---	---	---	9.4	9.2	9.4	10.8	10.7	10.8
24	8.5	8.2	8.3	9.7	9.2	9.4	9.3	9.3	9.3	10.8	10.7	10.8
25	8.4	8.3	8.3	9.9	9.4	9.7	9.4	9.3	9.4	10.7	10.7	10.7
26	8.4	8.2	8.3	9.4	8.9	9.2	9.4	9.1	9.3	10.7	10.7	10.7
27	8.3	8.2	8.3	8.8	8.5	8.6	9.2	9.0	9.1	10.8	10.3	10.5
28	8.4	8.1	8.3	8.7	8.3	8.5	9.3	9.2	9.2	11.0	10.9	11.0
29	8.5	8.2	8.3	8.3	8.2	8.3	9.3	9.1	9.2	11.0	10.5	10.9
30	8.4	8.1	8.3	8.4	8.2	8.3	9.3	9.1	9.2	10.8	10.4	10.6
31	8.4	8.2	8.3	---	---	---	9.3	9.2	9.3	10.8	10.4	10.6
MONTH	8.5	6.5	7.8	9.9	7.8	8.6	9.4	8.5	9.1	11.2	8.9	10.3

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	6.8	6.1	6.4	7.7	7.0	7.3	6.2	5.6	6.0	6.0	5.1	5.6
2	7.0	6.2	6.6	7.6	7.1	7.4	6.1	5.5	5.8	6.8	6.0	6.3
3	7.1	6.6	6.9	7.5	7.2	7.3	6.2	5.6	5.9	6.6	6.5	6.6
4	7.3	6.8	7.1	7.7	7.3	7.5	6.0	5.6	5.8	6.8	6.4	6.6
5	7.3	7.0	7.1	8.1	7.5	7.8	6.2	5.7	5.9	7.1	6.7	6.9
6	7.3	6.8	7.1	8.2	7.5	7.8	6.0	5.8	5.9	7.1	6.7	6.9
7	7.1	6.5	6.9	7.9	7.3	7.6	6.0	5.7	5.8	6.9	6.6	6.7
8	6.8	6.5	6.7	7.9	7.2	7.5	6.1	5.7	5.9	7.3	6.9	7.1
9	7.0	6.6	6.8	7.4	6.9	7.2	6.2	5.7	5.9	7.4	7.1	7.3
10	7.3	6.9	7.1	7.7	6.9	7.3	6.2	5.6	5.9	7.3	6.9	7.1
11	7.6	7.2	7.4	7.3	6.5	6.9	6.1	5.7	5.9	7.0	6.9	7.0
12	7.6	7.3	7.5	7.3	6.6	6.9	6.2	5.8	6.0	7.2	7.0	7.1
13	7.5	7.2	7.4	7.1	6.7	6.9	6.3	5.9	6.1	7.4	7.2	7.3
14	7.4	7.2	7.4	7.4	6.9	7.1	6.1	5.9	6.0	7.4	7.2	7.2
15	7.5	7.1	7.3	7.1	6.7	6.9	6.0	5.9	5.9	7.3	7.1	7.2
16	7.7	7.0	7.4	6.7	6.3	6.5	6.4	5.9	6.1	7.4	7.2	7.3
17	7.9	6.9	7.3	6.6	6.2	6.4	6.5	6.1	6.2	7.6	7.4	7.5
18	7.8	6.9	7.3	7.0	6.4	6.7	6.3	5.9	6.1	7.6	7.4	7.5
19	---	---	---	---	---	---	6.0	5.6	5.7	7.5	7.2	7.4
20	---	---	---	6.4	5.7	6.0	6.2	5.7	5.9	7.4	7.0	7.2
21	---	---	---	5.7	5.4	5.6	6.4	5.8	6.0	7.0	6.9	6.9
22	7.5	6.8	7.1	6.0	5.5	5.7	6.4	5.9	6.1	7.1	6.8	6.9
23	7.4	6.6	7.0	5.9	5.6	5.7	6.7	6.1	6.3	7.3	6.8	7.0
24	7.1	6.4	6.8	6.0	5.6	5.8	6.4	6.1	6.3	7.2	6.8	7.0
25	---	---	---	6.0	5.7	5.8	6.6	6.1	6.3	7.0	6.7	6.8
26	---	---	---	6.4	5.8	6.0	6.7	6.2	6.4	7.2	6.8	6.9
27	7.4	6.5	6.9	6.1	5.7	5.9	6.7	6.4	6.6	7.4	7.0	7.2
28	7.5	6.8	7.2	6.1	5.8	6.0	7.0	6.5	6.7	8.3	7.1	7.6
29	7.8	7.2	7.4	6.3	5.8	6.0	7.1	6.9	7.0	8.3	7.5	7.9
30	7.2	6.6	7.0	6.1	5.8	5.9	7.0	6.8	6.9	---	---	---
31	---	---	---	6.1	5.5	5.8	6.9	5.1	6.1	---	---	---
MONTH	7.9	6.1	7.1	8.2	5.4	6.6	7.1	5.1	6.1	8.3	5.1	7.0
YEAR	11.2	5.1	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.--Estimated daily discharges, Oct. 1-15, Feb. 19-24, Mar. 8 to Apr. 21, and Apr. 27 to May 9. 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.--35 years (1938-71)(1987-1988), 2,453 ft^3/s, 22.36 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)
Jan. 20	1515	*8770	*7.04

Minimum discharge, 106 ft^3/s, July 19; gage height, 2.15 ft; minimum daily 300 ft^3/s, July 29.

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	1700	1180	2220	2120	1680	1780	1480	1400	812	757	741	905
2	1800	1460	2350	2050	1690	1690	1500	1300	913	773	562	891
3	1300	1470	2280	1990	1680	1390	1600	1260	943	795	587	771
4	1100	1470	2150	2190	1990	1670	1900	1200	970	764	544	1110
5	1400	1500	2110	2280	2580	1790	1800	1400	812	656	636	1120
6	1300	1330	1830	2090	2210	1220	1600	1300	684	650	447	1430
7	1250	1390	1620	2040	1770	1420	1500	1200	681	720	919	1080
8	1300	1450	1610	1750	2010	1700	1550	1130	715	728	906	823
9	1400	1430	1620	1410	2070	2000	1600	1190	774	647	839	925
10	740	1480	1620	1650	1820	2300	1700	1250	797	683	645	1010
11	560	2840	2370	1710	1740	2600	2400	1620	765	547	1540	1030
12	1200	2980	2550	1560	1690	2500	2700	1420	826	624	837	895
13	1100	1850	2030	1760	1690	2200	2200	1250	714	598	665	687
14	1050	1430	1670	2030	1580	1800	1800	1130	534	712	815	810
15	1200	1440	2160	2080	1550	2650	1600	1490	590	585	764	796
16	1130	1420	3760	1910	1540	2600	1700	893	528	383	727	727
17	952	1460	3510	1840	1570	1800	1800	946	592	587	763	792
18	890	1510	2570	2040	1530	2000	2000	2110	741	830	776	1320
19	1050	1500	2520	2350	1500	2100	1920	2010	1080	813	914	1240
20	1060	1520	2330	5020	1300	1900	1800	1260	1170	592	684	1110
21	1220	1490	1950	8450	1100	1600	1750	1240	807	799	661	1150
22	1240	1420	1910	6450	1200	1500	1810	1250	803	873	722	981
23	1070	1240	1820	4320	1800	1450	2210	1170	826	975	582	916
24	1070	1290	1770	3030	1900	1600	1590	1050	711	794	636	834
25	1060	1470	1690	2680	1660	1800	1650	1580	677	995	515	675
26	1150	1100	1960	2630	1750	1700	1690	1040	658	636	515	676
27	1460	1100	2210	2390	1720	1600	1750	1210	704	630	555	569
28	1490	1110	2210	1920	1550	1500	1600	903	672	701	441	571
29	1500	1580	2630	2050	1450	1400	1500	981	755	300	752	753
30	1330	2200	2690	2050	---	1450	1350	839	749	623	1120	659
31	986	---	2310	1800	---	1400	---	881	---	727	1200	---
TOTAL	37058	46110	68030	79640	49320	56110	53050	38903	23003	21497	23010	27256
MEAN	1195	1537	2195	2569	1701	1810	1768	1255	767	693	742	909
MAX	1800	2980	3760	8450	2580	2650	2700	2110	1170	995	1540	1430
MIN	560	1100	1610	1410	1100	1220	1350	839	528	300	441	569

CAL YR 1987 TOTAL 969379 MEAN 2656 MAX 59100 MIN 560
WTR YR 1988 TOTAL 522987 MEAN 1429 MAX 8450 MIN 300

REVISION.--The Calendar Year Summary in the SC-87-1 are as follows: No CAL YR 1986 should be included.

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.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--8 years, 20.4 ft^3/s, 11.5 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, 454 ft^3/s, Nov. 27, gage height, 7.73 ft; minimum daily 0.76 ft^3/s, Aug. 19.

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	5.9	6.8	13	14	14	8.9	12	9.2	5.5	3.3	2.0	3.8
2	4.7	6.6	10	20	14	8.9	12	8.9	5.2	2.5	1.4	2.9
3	4.3	6.9	8.7	25	17	9.0	12	8.9	5.5	2.7	1.1	2.6
4	4.3	7.1	8.1	35	31	10	13	9.1	6.2	3.2	1.4	22
5	4.0	8.1	7.9	26	26	11	12	12	5.1	3.2	4.1	27
6	4.0	9.7	7.4	18	20	11	13	9.6	4.7	2.8	3.4	8.1
7	4.2	9.8	7.0	16	17	11	11	8.7	4.6	2.3	7.3	4.7
8	4.1	9.3	6.7	16	16	11	11	8.3	4.5	2.0	3.1	3.7
9	4.1	9.6	6.8	16	15	13	10	8.1	4.2	6.7	2.1	15
10	4.1	12	17	15	14	22	10	9.1	5.1	4.4	1.6	19
11	4.1	14	16	14	14	19	10	10	4.2	3.1	2.7	8.1
12	5.2	12	11	13	14	16	28	8.5	3.8	4.5	1.7	5.7
13	6.7	9.3	8.9	13	13	15	20	8.0	3.6	3.8	1.4	4.5
14	7.4	8.0	8.1	17	13	14	14	7.8	3.6	5.1	1.3	4.1
15	8.2	7.4	61	15	16	13	13	7.5	3.4	4.2	1.1	3.8
16	8.3	7.5	34	14	28	12	12	7.5	3.0	2.7	.93	3.7
17	8.3	8.3	18	16	27	12	11	9.0	3.5	2.0	.81	23
18	8.2	11	14	48	25	13	12	8.3	4.9	1.7	.78	33
19	8.4	9.0	13	89	12	24	16	7.4	9.4	1.5	.76	11
20	9.0	8.4	12	131	11	18	14	7.1	5.1	1.3	.87	7.7
21	11	7.9	12	45	10	15	12	6.9	3.9	1.2	2.1	6.2
22	15	7.4	18	26	9.7	14	12	6.8	3.4	1.2	1.9	5.0
23	18	7.3	15	21	9.6	13	11	6.6	3.1	1.5	1.8	4.5
24	18	7.3	13	25	9.5	13	11	7.6	2.8	1.8	1.7	4.3
25	17	7.2	18	24	9.3	13	10	10	2.6	1.4	2.1	4.1
26	17	7.5	16	19	9.2	17	10	7.5	2.6	1.1	2.3	3.8
27	20	142	15	16	9.2	15	9.8	6.4	2.6	2.5	1.8	3.7
28	13	43	39	15	9.2	13	9.5	6.3	2.2	9.3	2.2	3.6
29	8.4	34	30	15	9.1	13	9.2	6.2	1.9	3.5	7.2	3.5
30	7.1	19	18	14	---	12	9.2	5.8	3.0	2.4	25	3.3
31	6.9	---	15	14	---	12	---	5.6	---	2.5	6.6	---
TOTAL	268.9	463.4	497.6	805	441.8	421.8	369.7	248.7	123.2	91.4	94.55	255.4
MEAN	8.67	15.4	16.1	26.0	15.2	13.6	12.3	8.02	4.11	2.95	3.05	8.51
MAX	20	142	61	131	31	24	28	12	9.4	9.3	25	33
MIN	4.0	6.6	6.7	13	9.1	8.9	9.2	5.6	1.9	1.1	.76	2.6

CAL YR 1987 TOTAL 7610.53 MEAN 20.9 MAX 766 MIN .80
WTR YR 1988 TOTAL 4081.45 MEAN 11.2 MAX 142 MIN .76

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 fair, except for estimated daily discharges: Nov. 27 to Dec 22, Jan. 8 to Feb. 10, June 22 to July 20, Aug. 21-23, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--59 years, 208 ft^3/s, 24.35 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)
Jan. 20	Unknown	*731	*5.65 (from maximum indicator)

Minimum discharge, 24 ft^3/s, Aug. 9, gage height, 2.63 ft; minimum daily, 27 ft^3/s, Aug. 27.

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	97	79	115	134	193	112	107	92	58	82	44	45
2	84	79	112	135	187	110	106	91	56	74	42	40
3	81	79	111	130	190	110	107	89	53	72	41	38
4	77	81	110	147	218	115	281	91	54	76	52	67
5	78	80	107	137	210	114	231	111	53	80	42	86
6	79	77	94	126	180	110	168	95	52	74	45	60
7	81	76	92	98	160	120	152	89	51	66	41	48
8	79	76	92	105	160	98	134	86	49	58	39	43
9	76	78	92	150	200	113	124	84	48	54	34	51
10	77	225	110	130	120	143	119	84	48	52	47	63
11	76	199	140	95	129	175	116	86	45	50	43	55
12	76	124	130	94	128	139	196	81	45	62	41	50
13	78	105	145	100	123	138	212	81	44	74	39	47
14	76	98	135	120	121	131	162	85	42	70	36	45
15	75	95	280	125	128	120	144	80	42	64	34	42
16	64	93	345	130	157	116	132	83	42	56	33	41
17	74	101	180	110	136	114	123	110	48	52	32	56
18	73	119	140	200	130	114	121	112	56	46	30	107
19	73	104	126	300	134	134	141	90	107	42	28	76
20	74	107	115	700	144	122	138	81	86	38	29	68
21	72	99	140	540	130	116	121	76	75	37	38	58
22	70	94	190	350	123	112	115	74	65	57	41	49
23	72	92	120	270	122	111	111	73	62	60	35	46
24	74	92	116	240	120	111	111	75	58	105	34	44
25	76	92	154	245	117	117	105	79	70	72	33	45
26	77	93	149	250	116	143	103	72	96	55	31	49
27	89	117	142	210	115	123	102	67	70	53	27	46
28	94	120	175	200	114	113	98	66	65	56	29	43
29	82	130	172	190	113	109	94	64	64	50	50	42
30	80	123	150	185	---	109	92	61	70	52	65	42
31	79	---	139	190	---	109	---	59	---	47	50	---
TOTAL	2413	3127	4418	6136	4218	3721	4066	2567	1774	1886	1205	1592
MEAN	77.8	104	143	198	145	120	136	82.8	59.1	60.8	38.9	53.1
MAX	97	225	345	700	218	175	281	112	107	105	65	107
MIN	64	76	92	94	113	98	92	59	42	37	27	38

CAL YR 1987 TOTAL 71460 MEAN 196 MAX 5130 MIN 64
WTR YR 1988 TOTAL 37123 MEAN 101 MAX 700 MIN 27

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, SC

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

DRAINAGE AREA.--79.4 mi^2.

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 815.46 ft, May 8; minimum, 809.50 ft, Sept. 30.

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

809.0 ft	4.65	813.0 ft	6.35
810.0 ft	5.00	814.0 ft	6.80
811.0 ft	5.45	815.0 ft	7.30
812.0 ft	5.90	816.0 ft	7.80

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813.15	812.32	812.86	813.67	814.31	814.28	815.28	815.25	814.96	812.93	811.67	810.27
2	813.08	812.32	812.85	813.63	814.29	814.28	815.28	815.25	814.88	812.88	811.62	810.21
3	812.99	812.32	812.84	813.60	814.28	814.30	815.32	815.25	814.79	812.86	811.55	810.25
4	812.93	812.31	812.82	813.57	814.30	814.31	815.34	815.32	814.71	812.85	811.49	810.30
5	812.87	812.30	812.81	813.50	814.27	814.31	815.32	815.28	814.64	812.82	811.45	810.28
6	812.81	812.29	812.80	813.42	814.22	814.32	815.29	815.25	814.56	812.78	811.40	810.23
7	812.75	812.28	812.78	813.46	814.17	814.32	815.26	815.25	814.48	812.74	811.35	810.18
8	812.68	812.28	812.79	813.42	814.11	814.31	815.26	815.25	814.40	812.70	811.29	810.13
9	812.62	812.55	812.87	813.36	814.05	814.37	815.27	815.25	814.31	812.64	811.23	810.18
10	812.56	812.61	812.90	813.29	814.00	814.48	815.28	815.24	814.22	812.60	811.27	810.17
11	812.51	812.61	812.90	813.21	813.92	814.54	815.28	815.25	814.14	812.56	811.24	810.14
12	812.47	812.61	812.90	813.14	813.92	814.56	815.44	815.24	814.05	812.55	811.19	810.11
13	812.45	812.60	812.92	813.07	813.93	814.59	815.39	815.25	813.97	812.53	811.13	810.08
14	812.43	812.59	813.14	813.02	813.96	814.63	815.35	815.25	813.88	812.49	811.06	809.99
15	812.41	812.59	813.26	813.02	814.07	814.66	815.32	815.25	813.80	812.45	811.00	809.99
16	812.39	812.65	813.28	813.05	814.10	814.69	815.30	815.26	813.78	812.40	810.94	809.95
17	812.38	812.67	813.30	813.17	814.13	814.73	815.30	815.27	813.70	812.35	810.87	810.05
18	812.37	812.68	813.31	813.33	814.14	814.82	815.29	815.25	813.69	812.29	810.80	810.08
19	812.36	812.68	813.33	813.66	814.20	814.89	815.32	815.25	813.63	812.22	810.73	810.10
20	812.35	812.66	813.37	814.34	814.22	814.94	815.30	815.25	813.53	812.15	810.72	810.09
21	812.33	812.65	813.37	814.62	814.23	814.99	815.29	815.24	813.43	812.11	810.73	810.06
22	812.31	812.64	813.41	814.68	814.24	815.01	815.29	815.24	813.31	812.07	810.67	810.00
23	812.29	812.63	813.42	814.69	814.25	815.04	815.29	815.25	813.23	812.04	810.62	809.94
24	812.28	812.63	813.49	814.68	814.25	815.07	815.29	815.25	813.17	812.04	810.56	809.89
25	812.28	812.63	813.58	814.70	814.26	815.19	815.28	815.24	813.11	812.00	810.50	809.88
26	812.27	812.74	813.63	814.66	814.26	815.26	815.28	815.21	813.05	811.96	810.44	809.83
27	812.34	812.82	813.71	814.60	814.27	815.27	815.26	815.18	812.98	811.90	810.36	809.77
28	812.33	812.86	813.81	814.54	814.27	815.28	815.24	815.16	812.91	811.85	810.40	809.71
29	812.33	812.87	813.80	814.49	814.28	815.28	815.24	815.14	812.84	811.84	810.38	809.65
30	812.32	812.87	813.76	814.42	---	815.28	815.24	815.10	812.96	811.79	810.38	809.51
31	812.32	---	813.70	814.37	---	815.28	---	815.03	---	811.73	810.33	---
MAX	813.15	812.87	813.81	814.70	814.31	815.28	815.44	815.32	814.96	812.93	811.67	810.30
MIN	812.27	812.28	812.78	813.02	813.92	814.28	815.24	815.03	812.84	811.73	810.33	809.51
(+)	6.04	6.29	6.67	6.99	6.94	7.44	7.42	7.32	6.33	5.78	5.15	4.83
(*)	-20.5	12.9	19.0	16.0	-2.7	25.0	-1.0	-5.0	-51.1	-27.5	-31.4	-16.5

CAL YR 1987 * -27.6 MAX 816.58 MIN 812.27
WTR YR 1988 * -68.5 MAX 815.44 MIN 809.51

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

02155500 PACOLET RIVER NEAR FINGERVILLE, SC

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

DRAINAGE AREA.--212 mi^2.

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

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

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

REMARKS.--Records good, except for estimated daily discharges: Mar. 5-30, 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.--59 years, 345 ft^3/s, 22.10 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, 1,960 ft^3/s, Feb. 9, gage height, 3.94 ft; minimum daily, 43 ft^3/s, Aug. 27.

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	139	104	169	251	264	133	154	115	105	93	65	66
2	106	105	158	266	260	132	131	113	110	78	64	61
3	102	105	154	231	272	132	124	112	96	75	63	59
4	100	106	151	292	310	155	365	114	88	84	70	85
5	125	106	142	281	306	140	284	132	77	87	64	102
6	159	103	116	231	265	130	259	118	103	83	65	81
7	156	102	115	228	237	120	225	113	105	76	62	69
8	134	103	114	279	242	140	176	112	121	70	61	65
9	133	104	116	329	314	170	166	108	93	67	58	72
10	133	234	144	240	204	200	151	108	71	66	74	84
11	112	247	180	179	230	220	133	109	88	65	65	76
12	101	148	154	178	232	180	331	105	78	73	63	72
13	103	127	189	185	201	160	315	104	94	88	59	70
14	101	121	166	204	158	140	362	108	95	83	56	69
15	101	116	312	225	148	140	282	103	68	77	53	62
16	91	117	392	227	175	130	200	105	67	71	51	64
17	100	129	203	185	154	140	175	128	69	69	50	74
18	99	189	166	271	149	160	168	132	77	65	49	117
19	99	157	152	334	175	170	190	112	113	63	46	96
20	100	157	144	790	193	150	190	103	98	59	45	88
21	100	151	171	614	178	140	168	106	89	58	59	78
22	98	145	237	402	174	140	164	98	80	76	62	70
23	99	123	176	315	174	140	160	96	74	83	54	66
24	102	112	171	306	172	150	159	97	70	112	53	64
25	102	113	227	312	171	160	158	100	80	90	52	65
26	106	113	213	316	164	190	135	94	110	75	50	70
27	117	132	185	283	194	160	128	90	74	73	43	66
28	120	174	236	261	136	150	120	101	68	76	47	63
29	107	209	247	253	135	150	115	87	67	72	70	63
30	106	187	231	249	---	152	115	92	76	74	85	62
31	105	---	219	254	---	157	---	93	---	69	72	---
TOTAL	3456	4139	5750	8971	5987	4731	5803	3308	2604	2350	1830	2199
MEAN	111	138	185	289	206	153	193	107	86.8	75.8	59.0	73.3
MAX	159	247	392	790	314	220	365	132	121	112	85	117
MIN	91	102	114	178	135	120	115	87	67	58	43	59

CAL YR 1987 TOTAL 107211 MEAN 294 MAX 8200 MIN 76
WTR YR 1988 TOTAL 51128 MEAN 140 MAX 790 MIN 43

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, except for estimated daily discharges: Jan. 29 to Feb. 9, which are poor.

AVERAGE DISCHARGE.--9 years, 8.74 ft^3/s, 18.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 213 ft^3/s, May 23, 1980, gage height 7.86 ft; minimum, 0.98 ft^3/s, Aug. 1, 1986, gage height, 1.29 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 95 ft^3/s, Jan. 20, gage height, 4.91 ft; minimum, 1.00 ft^3/s, Aug. 28, gage height, 1.17 ft.

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	3.2	3.6	5.4	8.7	6.1	5.5	6.4	5.2	4.0	3.3	1.5	1.8
2	3.0	3.6	5.1	10	6.3	5.5	6.2	5.1	3.9	2.9	1.4	1.7
3	2.9	3.6	4.8	9.4	7.8	5.7	6.7	5.1	3.9	3.4	1.3	1.7
4	2.9	3.6	4.8	12	10	5.7	9.6	7.0	3.9	3.5	1.8	12
5	3.1	3.6	4.5	8.5	9.0	5.5	6.6	9.9	3.9	3.3	1.8	4.1
6	3.1	3.5	4.4	7.9	7.6	5.4	6.3	6.7	3.8	2.9	3.6	2.6
7	3.1	3.7	4.5	5.9	6.7	5.2	6.1	6.2	3.8	2.7	1.6	2.3
8	2.9	3.8	4.4	4.7	6.6	5.2	5.9	6.0	3.7	2.5	1.6	2.4
9	3.0	3.9	4.5	6.5	6.3	8.9	5.5	5.6	3.7	2.5	2.2	4.7
10	3.2	20	8.8	8.0	6.1	14	5.5	5.4	3.7	2.5	5.5	3.4
11	3.1	6.4	5.5	7.8	6.0	8.9	6.5	5.2	3.6	2.4	8.9	2.9
12	3.0	4.7	4.8	7.8	6.0	7.6	26	5.1	3.6	2.3	2.6	2.7
13	3.2	4.5	4.5	11	5.9	7.4	11	4.9	3.6	2.2	2.2	2.7
14	3.1	4.3	4.5	9.3	5.8	6.3	8.9	4.9	3.6	2.3	2.0	2.6
15	3.2	4.3	23	7.7	8.6	6.0	8.3	4.7	3.5	2.1	1.9	2.5
16	3.2	4.3	9.6	7.5	7.7	5.8	7.6	4.7	3.5	2.0	1.8	2.3
17	3.2	10	7.2	13	6.5	5.6	6.9	4.9	3.5	1.9	1.6	12
18	3.1	5.8	6.6	23	6.0	7.3	7.1	4.7	9.8	1.8	1.5	6.1
19	3.1	5.0	6.3	31	7.0	9.4	21	4.6	19	1.6	1.4	3.8
20	3.0	5.3	6.5	53	6.3	6.9	9.8	4.6	5.7	1.6	1.4	3.2
21	3.2	4.5	7.6	20	5.9	6.1	8.9	4.4	3.8	1.7	1.6	2.9
22	3.2	4.5	8.2	13	5.8	5.7	8.3	4.4	3.4	1.8	5.4	2.6
23	3.3	4.5	7.3	10	5.8	5.5	9.5	4.3	3.2	2.1	2.2	2.5
24	3.4	4.4	8.6	9.2	5.7	6.0	9.2	4.5	2.9	2.6	1.9	2.4
25	3.4	4.4	14	9.0	5.5	15	7.3	4.5	2.8	1.9	1.7	2.3
26	3.4	4.5	9.2	7.9	5.5	16	6.8	4.3	2.8	2.9	1.4	2.4
27	6.2	12	8.9	7.1	5.5	9.7	6.3	4.3	2.7	2.5	1.4	2.2
28	3.8	9.9	22	6.8	5.7	8.4	5.9	4.3	2.4	1.9	4.2	2.2
29	3.5	7.4	12	6.7	5.7	8.0	5.7	4.2	2.3	1.8	3.2	2.2
30	3.6	5.8	9.5	6.5	---	7.3	5.4	4.2	6.5	1.6	2.0	2.2
31	3.6	---	8.3	6.3	---	6.6	---	4.0	---	1.4	1.8	---
TOTAL	102.2	169.4	245.3	355.2	189.4	232.1	251.2	157.9	130.5	71.9	74.4	101.4
MEAN	3.30	5.65	7.91	11.5	6.53	7.49	8.37	5.09	4.35	2.32	2.40	3.38
MAX	6.2	20	23	53	10	16	26	9.9	19	3.5	8.9	12
MIN	2.9	3.5	4.4	4.7	5.5	5.2	5.4	4.0	2.3	1.4	1.3	1.7

CAL YR 1987 TOTAL 3023.4 MEAN 8.28 MAX 98 MIN 1.8
WTR YR 1988 TOTAL 2080.9 MEAN 5.69 MAX 53 MIN 1.3

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: Sept. 17-30, which are poor.

AVERAGE DISCHARGE.--8 years, 10.8 ft^3/s, 11.97 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, 157 ft^3/s, Apr. 12, gage height, 2.70 ft; minimum, 0.49 ft^3/s, Aug. 19, 20, 26-28, gage height, 0.43 ft; minimum daily discharge, 0.60 ft^3/s, Aug. 27.

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	1.0	2.1	9.0	12	9.0	4.8	9.0	5.6	2.2	2.0	1.1	.97
2	1.0	2.2	7.1	29	9.0	4.8	8.1	5.6	2.3	1.4	.86	.79
3	1.0	2.3	6.0	39	10	5.0	7.6	5.4	2.6	1.6	.78	.83
4	1.1	2.5	5.5	62	25	5.0	7.3	5.4	2.6	1.8	.98	1.9
5	1.2	2.6	4.4	31	21	4.5	6.3	5.3	2.3	1.8	1.2	4.1
6	1.3	2.7	3.9	20	16	4.2	7.5	4.8	2.1	1.6	1.1	1.4
7	1.2	2.7	3.7	17	13	3.9	7.5	4.5	2.2	1.4	1.1	1.3
8	1.1	2.8	3.5	18	12	4.0	6.1	4.1	2.2	1.3	.91	1.3
9	1.1	3.1	3.3	15	12	5.7	5.4	3.9	2.5	1.2	.89	7.7
10	1.2	7.6	12	11	10	11	5.1	3.9	2.8	1.2	.98	3.7
11	1.2	5.1	11	11	9.7	13	5.1	3.6	2.2	1.2	1.3	2.3
12	1.0	3.8	7.4	11	9.2	8.6	77	3.6	2.0	1.2	1.1	1.9
13	1.0	3.5	6.0	13	8.3	12	43	3.6	1.9	1.1	.96	1.6
14	1.2	3.4	5.5	18	7.8	9.3	24	3.4	1.7	1.9	.88	1.5
15	1.4	3.6	13	13	8.9	7.6	18	3.1	1.9	1.3	.87	1.3
16	1.3	3.5	14	13	8.7	6.8	15	2.9	1.8	1.3	.87	1.4
17	1.3	5.0	9.7	14	7.2	6.3	13	3.1	1.9	1.2	.84	1.8
18	1.2	5.4	8.3	45	7.0	7.3	13	3.2	2.0	1.0	.78	2.4
19	1.2	4.2	7.2	65	8.5	19	71	3.0	5.5	.89	.67	6.8
20	1.3	4.2	6.8	102	8.3	12	33	2.7	2.3	1.0	1.0	3.6
21	1.2	4.1	7.6	50	7.1	10	22	2.5	1.9	1.2	1.3	2.5
22	1.3	4.1	29	28	6.3	8.2	18	2.4	1.6	1.1	1.1	1.7
23	1.6	4.1	18	21	6.3	7.2	15	2.4	1.5	1.4	1.0	1.5
24	1.8	4.2	13	17	6.0	6.8	13	3.8	1.4	1.1	.94	1.4
25	1.9	4.3	13	18	5.5	7.9	9.9	3.5	1.5	.97	.86	1.5
26	2.1	5.0	11	15	5.3	14	8.9	2.4	1.5	.88	.68	1.8
27	5.8	26	10	13	5.4	31	8.0	2.3	1.5	.97	.60	2.2
28	3.0	31	51	12	5.2	17	7.0	2.3	1.2	1.1	.88	1.7
29	2.3	19	36	11	5.0	13	6.4	2.2	1.3	.99	1.3	1.5
30	2.2	12	19	9.8	---	12	5.7	2.1	3.3	.86	.92	1.4
31	2.1	---	14	9.0	---	10	---	2.1	---	1.0	1.1	---
TOTAL	48.6	186.1	368.9	762.8	272.7	291.9	495.9	108.7	63.7	38.96	29.85	65.79
MEAN	1.57	6.20	11.9	24.6	9.40	9.42	16.5	3.51	2.12	1.26	.96	2.19
MAX	5.8	31	51	102	25	31	77	5.6	5.5	2.0	1.3	7.7
MIN	1.0	2.1	3.3	9.0	5.0	3.9	5.1	2.1	1.2	.86	.60	.79

CAL YR 1987 TOTAL 4027.19 MEAN 11.0 MAX 345 MIN .27
WTR YR 1988 TOTAL 2733.90 MEAN 7.47 MAX 102 MIN .60

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.--Estimated daily discharges; September 26-28. 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.--50 years, 3,974 ft^3/s, 19.34 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)
Jan.21	0700	*13,400	* 9.15				

Minimum discharge, 75 ft^3/s, Oct. 11, gage height, 1.32 ft; minimum daily, 346 ft^3/s, July 28.

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	1920	1280	2640	2910	2910	2060	1940	1740	1080	1350	1130	1140
2	2180	1800	2620	3540	2720	2140	2100	2010	1120	832	783	648
3	2120	1460	2330	3550	2780	2070	1880	1700	1020	1110	559	859
4	781	1330	2520	4170	3260	1930	2400	1850	1320	995	727	1020
5	1610	1310	2060	4220	3950	2100	2630	1740	1240	890	749	1890
6	1340	1490	2320	3080	3690	1990	3620	2540	845	723	658	1280
7	1340	1270	2170	2940	3060	1820	3090	1760	916	1030	573	1680
8	1500	1500	1820	2450	2700	1740	2320	2060	824	819	1030	801
9	1570	1340	1830	3090	2670	2190	2590	1430	1170	815	905	1510
10	1890	1830	2310	3150	2670	2270	2330	1560	905	844	861	1750
11	407	2470	2930	2860	2790	3820	2190	1410	1300	1060	1120	1340
12	1720	3430	2640	2140	2490	2990	3420	1930	872	550	1480	905
13	1280	2530	2600	2500	2270	2730	4660	1790	1190	849	905	933
14	1220	1550	1800	2880	2460	2840	4700	1420	833	935	493	830
15	1290	1790	2530	2900	2430	2520	3600	1740	833	958	776	1040
16	1400	1500	4890	2860	2210	2110	3260	1860	799	701	955	952
17	1200	1640	5030	2770	2380	2190	2990	1270	608	519	623	940
18	1250	1970	3650	3960	2510	2390	2610	1770	907	905	622	1980
19	1280	2000	2870	5410	2510	2620	2810	2400	1450	922	441	1730
20	1430	1830	2700	9460	2310	2940	2910	1710	1890	870	940	1530
21	1280	1920	2370	12900	2460	2610	3260	1300	1420	755	640	1140
22	1270	2020	2830	9650	2530	2390	2740	1720	983	691	657	1270
23	1450	1110	2990	6690	1660	2090	2510	1600	886	1000	549	1230
24	1200	1290	2660	4960	2360	2100	2670	1570	850	1350	995	1160
25	1320	1700	2520	3890	2170	2140	2230	1530	891	1280	357	1150
26	1380	1530	2870	3580	2100	2930	2240	1870	757	1090	363	1000
27	1460	2720	2870	3220	2260	3020	2030	1310	789	897	395	900
28	1870	4630	4750	3280	2200	2740	2390	1620	862	346	875	760
29	1530	4170	8050	2820	2100	2300	1980	1100	744	787	466	550
30	1650	3270	4940	2800	---	2190	2010	1230	1110	536	694	865
31	1330	---	3140	2760	---	2390	---	1320	---	616	1300	---
TOTAL	44468	59680	94250	127390	74610	74360	82110	51860	30414	27025	23621	34783
MEAN	1434	1989	3040	4109	2573	2399	2737	1673	1014	872	762	1159
MAX	2180	4630	8050	12900	3950	3820	4700	2540	1890	1350	1480	1980
MIN	407	1110	1800	2140	1660	1740	1880	1100	608	346	357	550

CAL YR 1987 TOTAL 1340859 MEAN 3674 MAX 70400 MIN 407
WTR YR 1988 TOTAL 724571 MEAN 1980 MAX 12900 MIN 346

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 948124 MEAN 2598 MAX 28900 MIN 322

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, 453 microsiemens, June 23; minimum, 52 microsiemens, Dec. 29.
pH: Maximum, 8.0 units, June 18, July 15; minimum, 5.4 units, Oct. 20.
WATER TEMPERATURE: Maximum, 33.0°C Aug. 18; minimum, 0.5°C, Jan. 8-10, 12.
DISSOLVED OXYGEN: Maximum 12.9 mg/L, Jan. 29; minimum 3.2 mg/L, Aug. 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	131	124	128	116	111	113	91	84	86	78	74	76
2	132	125	129	131	112	122	92	87	88	80	78	79
3	131	113	122	144	130	138	96	87	89	79	74	77
4	120	112	116	149	129	141	90	86	87	74	69	72
5	120	112	114	180	130	138	95	90	92	80	69	72
6	126	111	119	135	124	130	99	93	96	78	76	77
7	120	111	117	131	124	127	101	98	99	82	79	80
8	123	116	120	128	123	125	104	99	102	84	83	83
9	122	116	119	135	125	131	107	104	105	88	84	87
10	127	117	122	134	125	130	105	100	103	94	86	89
11	202	116	162	132	121	128	111	101	104	86	82	84
12	128	115	123	126	90	113	109	103	106	83	80	81
13	140	125	133	94	87	91	103	96	99	81	79	80
14	150	131	140	89	87	88	98	97	97	85	79	82
15	137	127	131	97	89	91	98	95	97	90	86	87
16	130	121	127	115	97	106	98	86	93	93	90	91
17	131	120	125	122	114	117	88	76	79	94	91	92
18	134	126	129	123	113	116	80	77	79	93	80	89
19	137	128	131	123	116	120	78	77	77	80	71	76
20	140	129	133	118	114	116	85	78	82	74	65	69
21	150	140	143	114	109	112	88	86	87	65	61	64
22	151	136	147	113	108	110	88	86	87	61	54	56
23	141	133	136	154	113	125	90	85	88	59	55	57
24	148	134	141	121	111	116	91	88	90	62	58	60
25	136	132	133	129	118	123	89	87	88	63	60	61
26	140	132	135	125	121	123	90	87	89	---	---	---
27	242	133	151	123	106	114	87	78	84	---	---	---
28	150	136	142	112	83	94	78	57	71	91	80	84
29	161	128	135	90	85	89	60	52	56	85	81	83
30	135	124	128	90	83	87	69	61	65	90	84	87
31	136	116	128	---	---	---	74	69	71	91	88	90
MONTH	242	111	131	180	83	116	111	52	88	94	54	78

02156500 BROAD RIVER NEAR CARLISLE,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	89	87	88	100	91	97	100	90	96	118	101	110
2	88	86	87	96	91	95	97	93	95	117	111	114
3	86	81	83	91	88	90	112	97	106	128	109	116
4	89	81	84	91	89	90	109	103	105	179	103	120
5	87	83	85	102	90	97	105	92	99	---	---	---
6	86	82	85	104	98	101	92	78	86	---	---	---
7	84	81	82	108	99	102	87	76	81	---	---	---
8	88	84	87	102	100	101	89	78	84	---	---	---
9	87	82	85	105	99	102	98	81	89	---	---	---
10	83	80	82	100	92	97	91	88	89	119	109	113
11	87	81	84	95	89	91	92	89	91	120	107	112
12	93	85	88	93	85	88	92	76	83	175	109	118
13	96	92	93	89	87	88	90	78	83	128	119	124
14	98	93	96	90	87	88	83	78	81	120	108	113
15	99	96	98	89	87	88	80	78	79	119	109	113
16	98	92	95	89	85	87	83	78	80	123	111	117
17	94	90	92	88	87	87	89	83	87	128	124	125
18	93	89	91	95	89	92	90	87	89	124	109	116
19	92	88	89	95	93	93	90	80	85	133	111	121
20	96	90	93	100	87	93	89	80	88	137	104	126
21	100	94	97	98	90	94	88	83	86	108	105	106
22	99	94	96	91	88	89	87	82	85	112	106	107
23	98	93	95	90	85	88	94	86	89	128	111	116
24	93	88	91	92	85	89	100	91	96	130	114	122
25	101	90	97	105	89	95	101	95	98	124	114	119
26	95	87	91	101	91	96	97	92	95	122	112	115
27	102	90	97	100	95	98	97	94	95	129	123	125
28	100	97	99	99	93	96	98	96	96	129	108	117
29	102	94	98	94	91	93	102	93	97	128	114	121
30	---	---	---	92	87	90	100	94	97	133	128	131
31	---	---	---	93	88	90	---	---	---	147	125	130
MONTH	102	80	91	108	85	93	112	76	90	179	101	118

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	270	133	165	333	154	188	206	162	173	202	197	200
2	344	128	166	226	152	176	334	176	219	396	198	262
3	372	126	190	195	136	158	378	172	268	338	179	227
4	246	127	149	174	136	145	377	200	261	258	179	202
5	290	130	157	168	141	152	406	190	272	180	157	168
6	261	126	165	---	---	---	360	201	265	165	154	159
7	286	133	177	---	---	---	304	189	233	163	141	152
8	353	138	206	---	---	---	255	189	204	195	138	149
9	---	---	---	---	---	---	283	188	214	297	127	180
10	---	---	---	---	---	---	376	194	247	134	113	121
11	---	---	---	---	---	---	432	177	275	129	114	123
12	---	---	---	---	---	---	305	159	186	206	116	147
13	---	---	---	---	---	---	213	175	182	227	131	154
14	---	---	---	122	117	119	285	169	232	291	160	185
15	---	---	---	358	119	162	237	143	169	200	144	164
16	---	---	---	294	126	200	312	130	169	220	137	151
17	413	153	245	---	---	---	368	135	230	287	136	188
18	416	141	213	---	---	---	385	156	261	155	138	148
19	157	143	148	139	132	136	423	175	281	155	138	149
20	164	153	159	331	124	197	350	164	229	162	146	152
21	263	154	172	360	142	214	259	152	197	157	150	154
22	387	154	200	369	150	235	228	154	176	154	147	149
23	453	141	227	221	140	158	319	164	213	165	156	161
24	424	136	203	161	143	148	371	174	232	164	154	160
25	404	131	206	193	154	166	399	171	268	---	---	---
26	360	130	189	246	151	173	373	168	286	---	---	---
27	315	131	187	276	151	173	316	169	248	---	---	---
28	334	133	186	390	156	272	253	168	199	---	---	---
29	392	140	210	343	156	209	261	167	193	432	163	238
30	373	148	214	312	149	216	346	169	261	389	168	212
31	---	---	---	234	150	190	309	184	217	---	---	---
MONTH	453	126	188	390	117	180	432	130	228	432	113	171
YEAR	453	52	128									

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.8	7.5	7.3	7.0	---	---	6.8	6.7	6.7	6.7	6.2	5.8
2	7.8	7.6	7.4	6.9	---	---	6.8	6.7	6.8	6.6	6.3	6.0
3	7.7	7.5	7.3	6.9	---	---	6.7	6.6	6.8	6.4	6.1	5.8
4	7.5	7.0	7.1	6.7	---	---	6.6	6.5	6.7	6.6	5.9	5.7
5	7.4	7.0	7.0	6.3	---	---	6.7	6.5	6.7	6.6	6.0	5.8
6	7.3	7.0	7.0	6.2	---	---	6.8	6.7	6.7	6.6	---	---
7	7.7	6.9	6.3	6.0	7.7	7.1	6.8	6.7	6.7	6.6	---	---
8	7.8	7.2	7.2	5.9	7.8	7.0	6.9	6.8	6.6	6.6	---	---
9	---	---	7.1	6.0	7.5	7.0	6.8	6.8	6.7	6.6	---	---
10	---	---	7.4	5.9	7.4	7.1	6.8	6.8	6.7	6.6	6.1	5.9
11	---	---	7.3	6.3	7.5	6.9	6.8	6.7	6.7	6.6	6.9	6.1
12	---	---	7.2	7.1	7.3	6.7	6.8	6.7	6.6	6.5	6.6	6.3
13	---	---	7.1	7.1	7.1	6.7	6.8	6.7	6.6	6.5	6.6	6.1
14	7.5	5.5	7.1	6.9	6.9	6.5	6.8	6.7	6.6	6.4	6.3	6.0
15	7.6	6.8	7.2	6.9	6.8	6.4	6.8	6.7	6.6	6.4	6.4	6.1
16	7.7	6.9	7.2	7.0	7.2	6.5	6.8	6.7	6.5	6.4	6.2	6.0
17	7.2	5.8	7.2	7.0	7.1	7.1	6.8	6.7	6.5	6.4	6.5	6.1
18	7.3	5.5	7.2	7.1	7.3	7.1	6.7	6.7	6.5	6.4	6.6	6.2
19	7.6	6.2	7.1	7.0	7.3	7.2	6.8	6.6	6.5	6.4	6.5	6.3
20	7.6	5.4	7.2	6.9	7.2	7.1	7.0	6.5	6.5	6.4	6.4	6.1
21	7.6	6.4	7.2	7.1	7.1	7.0	6.5	6.5	6.5	6.3	6.3	6.1
22	7.5	7.1	7.2	7.1	7.0	6.9	6.7	6.5	6.5	6.2	6.3	5.9
23	7.5	7.3	7.1	6.9	7.1	6.8	6.8	6.7	6.3	6.1	6.2	5.8
24	7.7	7.5	7.0	6.8	6.9	6.7	6.9	6.8	6.5	6.1	6.6	6.0
25	7.6	7.3	---	6.2	6.7	6.5	7.0	6.9	6.3	6.3	6.6	5.9
26	7.8	7.4	---	---	6.5	6.1	---	---	6.3	6.2	6.8	6.5
27	7.6	7.3	---	---	6.2	5.9	---	---	6.5	6.1	6.6	6.3
28	7.5	7.3	---	---	6.9	5.9	---	---	6.5	6.1	6.7	6.5
29	7.9	7.3	---	---	6.7	6.6	6.8	6.8	6.2	5.9	6.7	6.5
30	7.6	7.4	---	---	6.7	6.5	6.9	6.8	---	---	6.6	6.4
31	7.4	7.3	---	---	6.8	6.7	6.8	6.7	---	---	6.6	6.3
MONTH	---	---	---	---	---	---	---	---	6.8	5.9	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.8	6.3	7.1	6.8	6.4	5.9	---	---	7.6	7.1	7.4	6.9
2	6.9	6.5	7.2	7.0	6.2	5.7	---	---	7.8	7.2	7.3	6.8
3	6.7	6.5	7.2	6.6	6.6	5.9	---	---	7.9	7.3	7.3	6.7
4	6.7	6.4	7.1	6.5	6.6	6.2	---	---	7.6	7.3	7.3	6.9
5	7.0	6.4	---	---	6.7	6.2	---	---	7.8	7.3	7.3	6.9
6	7.1	6.7	---	---	6.8	6.2	---	---	7.8	7.3	7.1	6.8
7	7.1	7.0	---	---	7.1	6.3	---	---	7.8	7.4	7.2	6.8
8	7.1	6.9	---	---	7.7	6.6	---	---	7.6	7.3	7.1	6.7
9	7.1	6.9	---	---	---	---	---	---	7.7	7.4	7.5	7.0
10	7.2	6.9	---	---	---	---	---	---	7.7	7.1	7.4	7.3
11	7.3	7.0	---	---	---	---	---	---	7.5	7.1	7.5	7.4
12	7.1	6.8	---	---	---	---	---	---	7.6	6.9	7.4	7.1
13	7.1	7.1	---	---	---	---	---	---	7.0	6.6	7.3	7.0
14	7.2	7.1	---	---	---	---	7.2	6.9	6.6	6.3	7.5	7.0
15	7.1	7.0	---	---	---	---	8.0	6.6	6.5	6.2	7.4	7.0
16	7.2	7.0	---	---	---	---	7.3	6.5	7.0	6.5	7.2	6.9
17	7.3	7.1	---	---	7.8	6.5	---	---	7.3	6.6	7.6	6.9
18	7.2	7.0	---	---	8.0	6.9	---	---	7.5	6.7	7.6	7.5
19	7.1	7.0	---	---	6.9	6.8	7.5	7.2	7.6	6.8	7.7	7.6
20	7.2	7.0	7.2	7.0	6.9	6.7	7.6	7.0	7.4	6.9	7.7	7.4
21	7.1	7.1	7.2	7.0	7.2	6.6	7.7	7.1	7.2	6.7	7.6	7.2
22	7.2	7.1	7.2	7.0	7.9	6.5	7.7	7.0	7.2	7.0	7.4	7.1
23	7.1	7.0	7.2	7.0	7.9	6.4	7.3	6.9	7.5	6.8	7.3	7.1
24	7.2	7.0	7.2	7.0	7.5	6.3	7.5	7.0	7.5	7.0	7.3	7.0
25	7.3	7.1	7.1	7.0	7.4	6.4	7.5	7.2	7.3	6.8	---	---
26	7.3	7.1	7.2	7.1	7.1	6.2	7.6	7.0	7.2	6.5	---	---
27	7.3	7.1	7.2	7.0	7.1	6.3	7.7	7.0	7.1	6.4	---	---
28	7.4	7.2	7.1	6.8	7.3	6.6	7.6	6.9	7.2	6.1	---	---
29	7.3	7.1	6.8	6.5	7.6	6.6	7.5	6.7	7.1	6.1	7.5	7.0
30	7.2	7.0	6.5	6.0	---	---	7.6	7.0	7.3	6.2	7.3	7.0
31	---	---	6.4	5.6	---	---	7.4	7.0	7.4	6.4	---	---
MONTH	7.4	6.3	---	---	---	---	---	---	7.9	6.1	---	---
YEAR	8.0	5.4										

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

TEMPERATURE (°C) OF WATER, 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	22.5	20.5	21.5	14.5	12.5	14.0	11.0	10.0	10.5	7.5	7.0	7.5
2	21.5	19.5	20.5	15.0	13.5	14.5	9.5	8.5	9.5	8.0	7.5	8.0
3	20.0	18.0	19.0	16.5	13.5	15.0	8.5	8.0	8.0	8.0	7.0	7.5
4	19.5	16.5	18.0	16.0	14.0	15.5	8.5	7.0	8.0	7.0	6.5	6.5
5	18.5	16.0	17.5	17.0	14.5	16.0	7.5	6.5	7.0	6.5	6.0	6.5
6	17.5	15.5	17.0	15.5	14.0	14.5	6.5	5.5	6.0	6.0	5.0	5.5
7	17.0	15.5	16.5	14.5	12.5	13.5	6.5	5.5	6.0	5.0	2.0	3.5
8	17.0	15.0	16.0	14.5	12.5	13.5	7.5	6.0	6.5	2.0	.5	1.5
9	17.0	14.5	15.5	14.0	12.5	13.5	8.0	7.0	7.5	1.0	.5	.5
10	16.5	14.5	15.5	15.0	13.5	14.0	9.0	8.0	8.5	1.5	.5	1.0
11	17.5	14.0	16.0	14.5	13.0	13.5	9.5	8.5	9.0	2.0	1.0	1.5
12	16.5	15.0	15.5	13.0	11.5	12.0	9.5	8.5	9.0	2.0	.5	1.5
13	15.5	13.5	14.5	11.5	10.0	11.0	9.0	8.5	8.5	2.0	1.5	2.0
14	15.0	13.0	14.0	11.5	10.0	10.5	9.0	8.5	8.5	2.5	1.5	2.0
15	14.5	12.5	13.5	11.0	9.0	10.0	9.0	8.5	9.0	2.5	1.5	2.0
16	14.5	12.5	13.5	13.0	10.0	11.5	8.5	8.0	8.5	2.5	1.5	2.0
17	14.5	12.5	13.5	12.5	11.5	12.0	8.0	7.0	7.0	2.5	2.0	2.5
18	15.0	13.0	14.0	14.5	12.5	13.5	6.5	5.5	6.0	3.5	2.5	3.0
19	16.0	14.0	15.0	13.5	12.5	13.0	5.5	5.0	5.5	5.0	3.5	4.5
20	16.5	14.5	15.5	13.0	11.5	12.5	6.0	5.5	6.0	6.5	5.0	5.5
21	17.0	15.0	16.0	11.5	9.5	10.5	7.0	6.5	7.0	6.5	6.5	6.5
22	15.5	13.5	15.0	10.0	8.0	9.0	8.5	7.0	8.0	7.0	6.5	6.5
23	15.0	13.0	14.0	10.0	7.5	9.0	9.0	8.0	8.5	6.5	6.0	6.0
24	15.0	12.0	13.5	9.5	7.5	9.0	8.5	7.5	8.0	6.0	5.0	5.5
25	14.0	12.5	13.5	10.0	8.0	9.0	8.5	8.0	8.5	6.0	5.5	5.5
26	14.5	12.5	13.5	10.5	9.0	10.0	11.0	8.5	10.0	---	---	---
27	13.5	13.0	13.5	12.0	10.0	11.0	11.5	11.0	11.5	---	---	---
28	14.0	12.5	13.0	12.5	12.0	12.0	11.5	10.5	11.0	---	---	---
29	14.5	11.5	13.0	12.0	11.5	12.0	10.5	9.5	10.0	4.0	3.0	3.5
30	14.5	12.0	13.0	11.5	11.0	11.5	9.0	7.5	8.5	5.0	3.5	4.0
31	14.5	12.0	13.0	---	---	---	7.5	6.5	7.0	6.0	4.5	5.5
MONTH	22.5	11.5	15.5	17.0	7.5	12.0	11.5	5.0	8.0	8.0	.5	4.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	6.0	7.5	10.0	7.5	8.5	18.5	17.0	18.0	19.5	17.0	18.0
2	10.0	8.5	9.0	10.5	8.5	9.0	19.0	17.0	18.0	20.5	17.0	18.5
3	11.0	10.0	10.5	10.0	9.0	9.5	19.0	17.5	18.0	20.5	17.0	19.0
4	11.5	11.0	11.0	11.0	10.0	10.5	20.0	18.0	18.5	21.0	19.0	20.0
5	11.0	9.0	10.0	11.0	10.5	11.0	20.5	18.0	19.0	---	---	---
6	9.0	7.5	8.0	11.5	10.5	11.0	20.0	18.5	19.5	---	---	---
7	7.5	6.0	6.5	12.5	9.5	11.0	18.5	15.5	17.0	---	---	---
8	6.0	4.5	5.5	13.0	10.0	11.5	17.0	15.0	15.5	---	---	---
9	5.5	4.5	5.0	13.0	11.5	12.0	17.0	15.0	16.0	---	---	---
10	6.0	4.5	5.0	12.5	12.0	12.5	17.5	15.5	16.5	22.0	19.0	21.0
11	6.0	5.0	5.5	12.5	11.5	12.0	17.5	15.5	16.5	23.0	19.0	21.0
12	6.5	5.0	6.0	12.0	11.0	11.5	16.5	14.0	15.0	24.0	20.5	22.5
13	6.0	4.5	5.5	14.0	12.0	13.0	14.5	13.0	14.0	23.5	20.5	22.0
14	5.5	4.5	5.0	13.5	12.0	13.0	15.5	13.5	14.5	24.5	21.0	22.5
15	5.5	5.0	5.5	12.0	10.0	11.0	16.5	14.5	15.5	25.0	21.5	23.5
16	7.0	5.0	6.0	11.0	9.0	10.0	17.0	15.5	16.5	26.5	22.5	24.0
17	7.5	6.0	6.5	11.0	8.5	9.5	17.0	15.5	16.5	25.5	22.5	24.0
18	7.5	6.5	7.0	9.5	9.0	9.0	17.0	16.0	16.5	25.0	22.5	24.0
19	7.5	7.0	7.5	9.5	8.5	9.0	17.5	16.5	17.0	24.5	23.0	23.5
20	8.5	7.5	8.0	10.0	8.0	9.0	17.5	16.0	16.5	25.0	22.0	23.5
21	9.0	7.5	8.0	12.0	9.5	11.0	17.5	16.0	17.0	25.5	21.5	23.5
22	9.0	7.5	8.0	13.5	11.5	12.0	19.0	17.5	18.0	25.0	22.5	24.0
23	9.5	8.0	8.5	13.5	11.5	12.5	19.5	19.0	19.0	27.0	23.0	25.0
24	10.0	8.0	9.0	14.5	12.5	13.5	20.5	19.0	19.5	26.5	24.0	25.0
25	9.5	8.0	8.5	15.5	13.5	14.5	20.5	19.0	19.5	25.0	23.0	24.0
26	9.0	7.0	8.0	16.0	15.0	15.5	20.5	18.5	19.5	24.5	22.0	23.0
27	9.0	7.0	8.0	16.5	15.0	16.0	20.5	18.5	19.5	23.0	20.5	22.0
28	9.0	7.5	8.0	16.5	14.5	15.5	20.5	18.5	19.5	23.0	20.0	22.0
29	9.5	7.5	8.5	16.5	14.5	15.5	20.0	17.5	18.5	25.0	20.5	23.0
30	---	---	---	17.0	14.5	15.5	19.0	16.5	17.5	25.5	22.0	24.0
31	---	---	---	18.0	16.0	17.0	---	---	---	27.5	23.0	25.0
MONTH	11.5	4.5	7.5	18.0	7.5	12.0	20.5	13.0	17.5	27.5	17.0	22.5

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

TEMPERATURE (°C) OF WATER, 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	28.0	24.0	26.0	---	---	---	31.5	28.0	29.5	27.0	25.0	26.0
2	28.0	24.5	26.5	---	---	---	32.0	28.0	30.0	27.0	24.0	25.5
3	28.0	25.0	26.5	---	---	---	30.5	28.0	29.5	26.5	25.0	25.5
4	26.0	23.5	25.0	---	---	---	29.5	28.0	29.0	26.0	24.5	25.5
5	25.5	22.0	24.0	---	---	---	29.5	27.5	28.5	26.0	24.5	25.0
6	27.5	22.5	24.5	---	---	---	31.0	27.5	29.0	26.0	23.5	25.0
7	27.5	23.0	25.0	---	---	---	30.5	27.0	29.0	24.5	23.0	24.0
8	29.0	24.0	26.0	---	---	---	30.5	27.5	29.0	23.0	21.5	22.5
9	---	---	---	---	---	---	31.0	27.5	29.0	22.5	21.5	22.0
10	---	---	---	---	---	---	30.5	27.5	29.0	22.0	21.0	21.5
11	---	---	---	---	---	---	30.0	27.5	29.0	24.0	21.5	22.5
12	---	---	---	---	---	---	32.0	28.5	30.0	26.0	22.0	23.5
13	---	---	---	---	---	---	31.0	28.0	29.5	26.5	23.0	24.5
14	---	---	---	30.5	29.5	30.0	30.5	28.5	29.5	28.5	24.5	26.0
15	---	---	---	31.5	28.0	30.0	30.5	28.0	29.5	25.5	25.0	25.5
16	---	---	---	31.0	29.0	30.0	30.5	27.5	29.0	25.0	24.0	25.0
17	28.0	25.5	26.5	---	---	---	32.5	28.0	30.0	24.0	23.0	23.5
18	28.5	25.0	27.0	---	---	---	33.0	28.5	30.5	23.5	22.5	23.0
19	28.0	26.0	27.0	31.0	29.0	30.0	32.5	28.5	30.5	23.5	22.0	22.5
20	29.0	26.0	27.5	30.5	28.0	29.0	31.5	29.0	30.5	24.5	22.0	23.5
21	29.5	25.5	27.5	31.0	27.5	29.0	31.0	29.0	30.0	26.0	22.5	24.5
22	30.5	26.5	28.5	29.0	27.5	28.5	30.0	28.5	29.5	25.5	22.5	24.5
23	31.0	27.5	29.5	29.5	27.5	28.5	30.5	27.0	29.0	25.5	23.0	24.5
24	30.5	28.0	29.0	30.0	27.0	28.0	30.0	28.0	29.0	26.5	24.5	25.5
25	30.5	28.5	29.5	29.0	26.5	28.0	31.5	27.5	29.0	---	---	---
26	---	---	---	30.0	27.0	28.5	31.5	27.0	29.0	---	---	---
27	---	---	---	29.5	27.0	28.0	30.5	27.0	28.5	---	---	---
28	---	---	---	31.5	26.5	29.0	28.0	26.5	27.5	---	---	---
29	---	---	---	30.5	27.5	29.0	30.5	26.5	28.5	25.5	22.5	24.0
30	---	---	---	32.0	27.0	29.0	29.5	27.5	28.0	24.0	22.0	23.0
31	---	---	---	32.0	27.0	29.0	27.0	26.0	26.5	---	---	---
MONTH	31.0	22.0	27.0	32.0	26.5	29.0	33.0	26.0	29.0	28.5	21.0	24.0
YEAR	33.0	.5	16.5									

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.3	6.4	6.9	8.8	7.6	8.0	9.8	9.3	9.4	---	---	---
2	8.0	7.0	7.5	8.4	7.4	7.8	11.0	9.4	10.1	---	---	---
3	9.3	7.6	8.4	8.6	7.5	7.9	10.8	10.3	10.5	---	---	---
4	11.4	9.2	10.2	8.8	7.3	7.9	11.2	10.6	10.8	---	---	---
5	10.1	9.0	9.6	8.8	6.4	7.9	12.0	10.8	11.5	---	---	---
6	10.2	9.0	9.5	8.5	7.4	7.9	11.8	11.1	11.5	11.3	11.0	11.1
7	10.3	9.0	9.5	8.8	7.4	8.0	11.6	11.1	11.3	11.7	11.2	11.4
8	10.3	9.1	9.5	9.6	7.2	8.5	11.6	11.0	11.2	12.2	11.7	11.9
9	9.9	8.9	9.3	9.8	8.3	9.0	11.5	10.8	11.1	12.6	12.3	12.4
10	9.4	8.7	9.0	8.9	7.9	8.6	---	---	---	12.7	12.5	12.6
11	9.7	8.0	8.7	8.7	7.7	8.2	---	---	---	12.6	12.4	12.5
12	8.2	7.8	8.0	8.4	8.1	8.2	---	---	---	12.7	12.4	12.5
13	8.4	7.6	8.0	9.0	8.5	8.7	11.0	10.0	10.3	12.6	12.2	12.5
14	8.7	7.6	8.0	9.5	8.8	9.1	10.9	10.3	10.5	12.4	12.2	12.3
15	8.6	7.7	8.2	9.6	7.3	8.5	10.9	10.3	10.5	12.4	12.2	12.3
16	9.1	8.0	8.4	10.0	7.5	8.6	10.5	10.2	10.3	12.4	12.1	12.3
17	9.3	8.1	8.6	10.4	7.3	9.1	10.8	10.4	10.7	12.3	12.1	12.2
18	9.2	8.0	8.5	9.7	7.8	9.0	11.9	10.8	11.3	12.2	11.7	12.0
19	9.4	8.0	8.6	9.0	8.1	8.6	12.0	11.5	11.7	11.7	11.2	11.5
20	9.5	8.0	8.6	9.1	8.3	8.7	11.7	11.4	11.5	11.4	11.1	11.2
21	9.2	7.4	8.2	9.9	8.7	9.2	11.4	11.0	11.2	11.5	11.3	11.4
22	8.9	7.3	8.0	10.1	8.5	9.5	11.2	10.4	10.8	11.3	10.9	11.1
23	8.3	7.3	7.7	11.2	9.6	10.2	10.4	10.4	10.4	11.0	10.9	10.9
24	9.6	7.3	8.2	10.4	9.4	9.9	10.9	10.4	10.6	11.2	10.9	11.0
25	9.2	7.7	8.3	10.1	9.4	9.7	10.8	10.7	10.8	11.6	10.8	11.0
26	9.4	7.8	8.4	9.8	9.2	9.5	10.7	10.2	10.5	---	---	---
27	8.1	6.7	7.8	9.6	8.8	9.3	10.2	9.8	10.0	---	---	---
28	8.3	7.5	7.8	8.7	8.3	8.5	---	---	---	---	---	---
29	8.8	7.4	8.0	8.8	8.4	8.5	---	---	---	12.9	12.2	12.5
30	8.5	7.5	7.9	9.3	8.8	9.1	---	---	---	12.5	12.0	12.3
31	8.7	7.5	8.0	---	---	---	---	---	---	12.4	11.4	11.9
MONTH	11.4	6.4	8.4	11.2	6.4	8.7	12.0	9.3	10.8	12.9	10.8	11.9

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

02156500 BROAD RIVER NEAR CARLISLE,SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.2	5.9	7.0	---	---	---	8.5	6.1	7.2	7.6	6.4	7.0
2	8.2	5.1	6.6	---	---	---	7.9	4.8	6.2	7.8	5.2	6.3
3	8.2	5.0	6.4	---	---	---	7.4	4.2	5.7	7.4	5.2	6.2
4	7.4	5.5	6.5	---	---	---	6.8	4.2	5.5	7.1	5.5	6.2
5	7.8	5.9	6.7	---	---	---	6.8	4.3	5.5	6.9	6.4	6.7
6	8.6	6.1	7.0	---	---	---	6.5	4.3	5.4	7.2	6.5	6.8
7	8.9	6.1	7.1	---	---	---	6.6	4.5	5.5	6.9	6.5	6.7
8	8.4	5.4	6.9	---	---	---	6.5	5.0	5.8	7.5	6.4	7.0
9	8.5	5.0	6.8	---	---	---	6.4	5.2	5.8	7.2	5.5	6.5
10	8.0	5.6	6.9	---	---	---	6.5	5.1	5.8	7.2	6.9	7.1
11	8.4	6.6	7.2	---	---	---	6.4	5.2	5.6	7.4	7.0	7.1
12	8.4	6.2	7.1	---	---	---	6.8	5.5	5.9	7.4	6.5	6.8
13	9.0	6.7	7.6	---	---	---	6.8	5.2	6.0	7.5	6.5	7.0
14	8.7	6.1	7.2	7.2	6.0	6.7	6.5	4.4	5.3	7.4	6.3	6.8
15	9.2	5.4	7.1	7.6	4.3	6.1	6.4	4.8	5.5	6.9	6.3	6.4
16	8.1	5.2	6.8	8.8	4.1	6.7	6.7	4.6	5.6	6.9	6.1	6.4
17	7.8	4.9	6.4	8.9	8.2	8.5	6.4	4.1	5.3	6.8	4.7	5.9
18	8.4	4.6	6.6	8.7	8.1	8.4	7.1	4.2	5.6	6.8	6.4	6.6
19	7.6	6.1	6.7	8.7	6.2	7.9	6.9	4.2	5.5	7.1	6.7	6.9
20	6.8	5.9	6.3	7.4	4.6	6.1	7.4	3.9	5.6	7.2	6.8	6.9
21	6.7	5.3	6.0	7.7	4.3	5.8	6.5	3.9	5.2	7.4	6.6	6.9
22	7.1	5.2	6.0	7.1	3.4	5.2	7.1	4.8	5.9	7.2	6.5	6.8
23	7.3	3.9	5.6	7.5	6.0	6.6	7.1	4.9	5.8	7.1	6.3	6.6
24	7.3	3.8	5.6	8.1	6.2	7.0	7.1	4.2	5.7	7.1	6.2	6.6
25	7.3	3.8	5.5	7.6	5.4	6.6	6.8	4.7	5.7	---	---	---
26	7.1	4.0	5.5	8.5	6.2	7.0	7.1	3.9	5.4	---	---	---
27	7.4	4.1	5.7	8.0	6.2	7.0	7.1	4.1	5.7	---	---	---
28	7.5	4.1	5.8	7.8	5.3	6.5	6.9	4.4	5.8	---	---	---
29	7.3	4.0	5.6	9.1	4.5	6.8	8.1	4.8	6.6	8.3	3.7	5.9
30	---	---	---	7.4	4.7	6.2	7.3	3.2	5.3	8.2	4.5	6.8
31	---	---	---	8.0	4.5	6.3	6.9	4.7	6.1	---	---	---
MONTH	9.2	3.8	6.5	9.1	3.4	6.7	8.5	3.2	5.7	8.3	3.7	6.7
YEAR	12.9	3.2	8.2									

02157000 NORTH TYGER RIVER NEAR FAIRMONT, SC

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

DRAINAGE AREA.--44.4 mi^2.

PERIOD OF RECORD.--October 1950 to September 1988. (Discontinued).

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

REMARKS.--Estimated daily discharges: Nov. 25 to Dec. 22, June 10-18, 25-30, July 12, 13, 16-31, Aug. 1-9, 14-28, 30, 31, Sept. 1-3, 8, 15. Records poor.

AVERAGE DISCHARGE.--38 years, 63.8 ft^3/s, 19.51 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,610 ft^3/s, May 26, 1959, gage height, 13.58 ft, from rating curve extended above 2,100 ft^3/s; minimum discharge, undetermined; minimum daily, 4.6 ft^3/s, Aug. 8, 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 20	1400	* 397	*2.69				

Minimum discharge, undetermined; minimum daily, 4.6 ft^3/s, Aug. 8.

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	23	22	27	41	42	27	27	31	14	33	18	16
2	20	22	24	47	44	26	26	29	14	22	10	12
3	19	22	25	45	51	26	26	29	14	23	9.6	12
4	18	23	23	50	62	26	35	30	15	26	8.0	76
5	18	23	23	43	56	27	29	47	14	27	12	62
6	19	23	22	39	50	26	28	36	13	21	9.6	40
7	19	22	21	34	45	25	27	32	11	17	7.7	29
8	19	22	22	54	44	25	25	30	11	16	4.6	24
9	18	22	21	47	42	32	24	29	9.8	16	7.3	42
10	18	23	31	42	41	48	24	30	8.9	15	50	46
11	18	48	28	39	39	47	25	29	8.0	15	38	38
12	18	36	27	37	38	37	90	27	8.0	14	30	34
13	19	29	25	40	35	35	62	28	7.3	16	22	33
14	19	28	24	43	35	31	48	27	6.5	20	18	29
15	19	27	90	39	38	29	42	25	5.8	17	16	27
16	19	26	60	37	42	27	39	24	5.0	16	12	27
17	19	26	48	44	37	26	36	23	6.9	15	11	71
18	19	37	40	80	35	27	36	22	18	13	8.8	85
19	19	37	35	144	38	37	63	21	77	11	6.2	64
20	19	31	33	319	37	30	48	20	32	7.3	6.2	57
21	19	31	30	159	34	27	41	20	22	7.3	8.4	50
22	18	29	34	102	33	25	38	19	18	15	14	44
23	18	27	31	81	32	23	61	20	15	20	14	40
24	19	26	31	69	32	23	86	24	13	18	12	37
25	20	26	48	63	30	28	51	24	11	13	7.7	35
26	20	28	42	58	29	60	44	20	9.2	9.6	6.5	36
27	20	45	40	52	29	40	40	19	9.6	20	5.5	34
28	27	41	74	49	28	33	36	18	5.8	14	14	31
29	24	36	64	47	27	30	34	17	5.2	11	35	30
30	23	30	49	45	---	28	32	17	34	8.8	20	29
31	22	---	43	44	---	27	---	15	---	8.0	18	---
TOTAL	609	868	1135	2033	1125	958	1223	782	442.0	505.0	460.1	1190
MEAN	19.6	28.9	36.6	65.6	38.8	30.9	40.8	25.2	14.7	16.3	14.8	39.7
MAX	27	48	90	319	62	60	90	47	77	33	50	85
MIN	18	22	21	34	27	23	24	15	5.0	7.3	4.6	12

CAL YR 1987 TOTAL 18748.7 MEAN 51.4 MAX 1530 MIN 7.6
WTR YR 1988 TOTAL 11330.1 MEAN 31.0 MAX 319 MIN 4.6

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.--Water-stage recorder and data collection platform. Elevation of gage is 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--15 years, 1,048 ft^3/s, 18.75 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)
Jan. 21	2300	*3,680	*11.00

Minimum discharge, 96 ft^3/s, Aug. 28, gage height, 2.83 ft; minimum daily 98 ft^3/s, Aug. 28.

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	352	253	546	1030	898	597	708	542	235	222	141	174
2	369	243	465	1030	848	638	689	470	230	355	137	147
3	301	245	452	1190	863	701	672	448	222	274	126	128
4	234	244	448	1560	1090	664	679	454	230	236	143	153
5	214	274	426	1380	1510	661	737	507	236	246	166	347
6	206	287	412	1130	1320	648	722	536	243	234	143	507
7	203	281	391	969	1120	598	707	526	219	216	136	337
8	199	281	380	899	1010	573	705	467	213	194	155	217
9	194	265	381	886	941	600	663	416	232	177	149	238
10	195	296	427	923	903	848	572	401	281	170	126	361
11	200	400	516	865	867	1310	550	395	231	173	137	350
12	196	562	547	805	843	1250	1320	409	203	172	176	259
13	199	516	466	764	819	1100	1950	411	196	163	203	207
14	197	475	409	892	782	1120	1630	398	180	170	163	183
15	202	398	478	907	731	954	1220	390	175	227	137	173
16	202	374	778	787	760	848	1050	342	177	207	126	163
17	206	379	984	741	841	774	931	330	165	184	120	178
18	202	421	795	1290	853	754	851	356	184	157	113	543
19	204	472	662	1940	820	974	998	367	408	144	108	642
20	202	446	581	2700	845	1140	1030	338	514	138	107	443
21	203	408	539	3440	837	952	922	326	411	138	141	313
22	194	357	681	3410	789	844	784	292	270	144	125	254
23	193	344	748	2330	750	787	741	277	219	143	117	217
24	199	357	644	1670	729	762	742	283	196	171	123	197
25	222	386	627	1420	703	746	949	390	192	184	125	188
26	225	374	745	1300	690	795	802	437	185	158	109	201
27	239	466	741	1130	674	1050	693	335	190	148	102	190
28	314	726	980	1060	666	945	643	293	184	168	98	180
29	367	792	2600	1030	615	824	609	304	171	192	113	175
30	327	690	2260	955	---	760	573	276	172	165	165	182
31	271	---	1370	939	---	724	---	249	---	144	200	---
TOTAL	7231	12012	22479	41372	25117	25941	25842	11965	6964	5814	4230	7847
MEAN	233	400	725	1335	866	837	861	386	232	188	136	262
MAX	369	792	2600	3440	1510	1310	1950	542	514	355	203	642
MIN	193	243	380	741	615	573	550	249	165	138	98	128

CAL YR 1987 TOTAL 322834 MEAN 884 MAX 15700 MIN 149
WTR YR 1988 TOTAL 196814 MEAN 538 MAX 3440 MIN 98

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 5.7 units, Nov. 1, 1985.
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, 291 microsiemens, Aug. 31; minimum, 47 microsiemens, Jan. 22.
pH: Maximum 8.2 units, Aug. 27, 29; minimum, 6.1 units, Dec. 29, 30.
WATER TEMPERATURE: Maximum, 31.5°C, Aug. 18; minimum, <.5°C, Jan. 7-12.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 28, Feb. 17; minimum 5.5 mg/L, June 16.

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	---	---	---	163	152	158	110	101	104	---	---	---
2	---	---	---	169	163	165	102	100	102	---	---	---
3	---	---	---	171	163	166	111	99	103	---	---	---
4	---	---	---	172	160	169	124	111	117	---	---	---
5	---	---	---	158	140	148	134	125	128	---	---	---
6	178	162	168	152	140	147	134	126	129	77	67	70
7	178	154	169	157	152	155	137	133	136	85	79	83
8	153	148	149	156	155	155	136	126	131	90	86	88
9	160	146	151	158	155	157	126	115	122	94	88	90
10	164	159	161	157	144	151	114	102	108	95	77	86
11	171	163	167	154	137	148	129	104	118	77	76	77
12	188	170	177	135	128	132	137	125	131	78	76	77
13	187	177	182	140	132	135	136	124	129	80	78	79
14	177	170	174	132	125	129	136	132	134	91	80	87
15	168	145	155	135	124	128	132	109	124	98	90	95
16	157	144	150	142	135	138	108	96	101	101	98	99
17	167	157	162	142	129	135	104	92	97	102	96	100
18	179	167	173	134	121	130	99	95	98	95	72	83
19	176	167	172	131	113	119	100	97	98	79	69	74
20	183	175	178	133	128	130	111	100	105	71	62	67
21	184	167	176	136	134	135	117	109	113	70	49	65
22	166	157	161	142	134	137	108	101	104	51	47	49
23	164	158	161	147	142	143	102	98	100	57	51	54
24	173	164	169	147	140	143	106	101	103	62	57	59
25	184	172	178	147	119	135	100	91	97	68	62	66
26	170	162	165	124	117	119	91	88	89	76	68	72
27	169	159	164	127	115	122	89	85	87	82	76	79
28	163	151	157	118	112	115	86	68	79	92	81	87
29	149	130	137	113	107	109	67	51	55	94	92	93
30	149	131	141	110	107	108	65	52	58	98	93	94
31	152	149	151	---	---	---	75	65	71	101	94	98
MONTH	188	130	163	172	107	139	137	51	106	102	47	80

02160105 TYGER RIVER NEAR DELTA, 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	96	94	95	114	110	113	111	106	110	105	100	102
2	98	87	95	111	101	106	114	110	113	106	102	104
3	86	83	84	118	101	112	116	114	115	113	106	110
4	93	87	91	113	112	113	116	109	113	111	101	107
5	88	78	81	118	113	115	109	98	105	112	97	102
6	84	81	82	118	115	117	98	88	92	114	111	113
7	84	79	81	122	119	120	104	94	102	115	110	113
8	81	77	79	123	113	118	110	104	107	114	111	112
9	80	78	79	114	101	109	112	107	109	118	110	114
10	85	80	82	108	99	105	117	112	115	109	102	105
11	95	86	92	97	91	94	118	115	117	102	97	99
12	101	95	98	94	91	92	---	---	---	114	97	105
13	103	99	101	91	87	90	---	---	---	122	114	118
14	108	102	105	86	79	81	---	---	---	125	122	123
15	103	101	103	84	81	83	---	---	---	129	121	125
16	---	---	---	84	81	82	90	84	87	140	124	133
17	---	---	---	95	85	92	97	90	93	141	115	130
18	99	92	96	101	95	98	96	91	94	117	108	113
19	97	94	95	98	94	96	91	74	82	123	107	112
20	97	93	95	99	92	95	85	76	80	149	123	133
21	102	97	100	99	97	98	98	85	92	149	143	146
22	101	99	101	98	90	95	101	95	97	157	144	148
23	---	---	---	91	90	90	105	101	103	167	157	162
24	---	---	---	104	90	98	---	---	---	166	137	157
25	104	91	100	108	104	106	---	---	---	136	116	127
26	110	104	107	107	104	106	---	---	---	121	113	116
27	115	110	113	108	97	104	84	78	79	139	119	128
28	117	111	114	97	93	95	95	85	91	158	140	149
29	116	112	114	97	91	95	103	95	99	162	149	156
30	---	---	---	92	89	90	103	100	101	154	149	152
31	---	---	---	105	93	101	---	---	---	156	147	152
MONTH	117	77	95	123	79	100	118	74	100	167	97	125

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	147	134	142	158	152	154	240	221	229	214	201	203
2	136	132	134	186	150	170	241	224	230	226	201	211
3	155	133	146	169	137	149	229	221	225	239	227	234
4	162	140	154	144	137	141	220	201	212	232	216	226
5	171	160	167	171	137	152	200	174	184	220	171	196
6	175	171	173	164	146	156	208	183	195	188	140	167
7	178	169	173	145	143	144	230	210	222	146	135	139
8	170	161	164	146	142	144	229	198	218	161	146	154
9	160	131	151	171	142	155	222	198	213	163	148	159
10	154	129	140	189	172	182	226	216	222	159	143	152
11	169	144	156	199	188	193	233	109	217	180	159	172
12	185	169	178	198	187	192	236	202	214	180	177	178
13	195	182	188	198	178	191	235	205	222	192	177	183
14	202	169	196	176	162	167	222	203	213	192	186	190
15	140	75	88	203	155	169	229	222	226	186	179	183
16	74	69	72	207	194	201	235	223	230	198	178	186
17	69	67	68	194	189	192	244	235	239	203	178	197
18	80	67	74	215	194	206	236	226	231	174	134	151
19	64	52	60	220	210	214	226	221	223	156	135	148
20	197	52	147	209	197	204	236	211	223	145	140	142
21	179	132	146	199	174	188	225	205	216	149	144	146
22	155	132	136	176	171	173	243	220	232	149	144	146
23	169	141	156	196	143	172	266	243	251	164	148	156
24	189	143	166	226	196	213	269	259	264	173	164	169
25	208	169	180	232	217	226	264	250	256	180	171	177
26	216	184	190	231	213	225	248	230	236	174	167	170
27	200	183	187	217	205	212	258	233	243	180	174	177
28	196	184	190	206	177	199	249	241	246	183	177	180
29	188	182	184	176	160	166	252	244	248	181	166	174
30	181	158	172	209	178	194	275	251	260	180	165	172
31	---	---	---	221	199	211	291	216	265	---	---	---
MONTH	216	52	149	232	137	182	291	109	229	239	134	175
YEAR	291	47	139									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, 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	---	---	---	15.0	12.0	13.5	10.5	8.5	9.5	8.5	7.0	7.5
2	---	---	---	15.0	12.0	13.5	8.5	6.5	7.5	8.5	8.5	8.5
3	---	---	---	15.5	12.0	13.5	6.5	5.0	6.0	8.5	7.0	7.5
4	---	---	---	16.0	13.0	14.5	7.5	6.0	6.5	7.0	6.5	7.0
5	---	---	---	16.5	14.0	15.0	6.0	4.5	5.0	7.0	5.5	6.5
6	15.5	13.0	14.5	14.0	11.0	12.5	5.0	3.5	4.0	5.5	4.0	4.5
7	16.5	13.0	14.5	11.5	9.0	10.5	5.5	3.5	4.5	4.0	<.5	---
8	15.0	11.5	13.0	12.0	9.0	10.5	7.5	5.0	6.0	<.5	<.5	---
9	14.5	10.5	12.5	14.0	11.0	12.5	9.5	7.5	8.5	1.5	<.5	---
10	15.0	10.5	13.0	16.5	13.5	15.0	11.0	9.5	10.0	1.5	<.5	---
11	16.0	12.5	14.0	15.5	10.5	13.0	10.0	8.5	9.5	1.5	<.5	---
12	14.0	13.0	13.5	10.5	8.5	9.5	9.5	8.0	8.5	1.5	<.5	---
13	14.0	11.5	12.5	9.5	7.5	8.5	8.0	7.0	7.5	3.5	1.5	2.5
14	13.0	9.5	11.5	9.5	7.5	8.5	8.5	7.0	7.5	3.0	1.5	2.0
15	13.0	9.0	11.0	10.0	7.0	8.5	10.0	8.0	9.0	2.5	1.5	2.0
16	13.0	9.0	11.0	13.0	10.0	11.5	8.5	6.5	7.5	2.0	.5	1.5
17	13.5	9.5	11.5	14.5	13.0	14.0	6.5	5.0	5.5	3.0	1.5	2.0
18	14.5	10.5	12.5	15.0	13.5	14.0	5.0	3.5	4.0	4.5	3.0	3.5
19	15.5	11.5	13.5	13.0	11.0	12.0	5.0	3.0	4.0	6.5	4.5	5.5
20	16.5	13.0	14.5	11.0	9.0	10.5	7.0	5.0	6.0	8.5	6.5	7.0
21	16.0	13.0	15.0	9.0	6.5	8.0	8.0	7.0	7.5	7.5	7.0	7.0
22	13.0	10.0	11.5	7.0	5.0	6.0	9.5	8.5	9.0	7.0	6.5	7.0
23	12.0	8.0	10.0	7.5	4.5	6.0	8.5	7.5	8.0	6.5	6.0	6.0
24	12.5	8.0	10.0	9.0	6.5	7.5	7.5	6.5	7.0	6.0	5.0	6.0
25	13.5	10.5	12.0	10.5	8.0	9.0	9.0	7.5	8.5	6.5	6.0	6.5
26	13.5	10.5	12.0	12.5	10.5	11.0	12.0	9.5	10.5	6.5	5.0	5.5
27	12.5	11.5	12.0	14.0	12.5	13.0	12.0	11.0	11.5	5.0	3.5	4.0
28	13.5	11.5	12.5	13.0	12.0	12.0	11.0	10.0	10.5	4.0	2.5	3.0
29	11.5	9.5	11.0	12.0	11.0	11.5	10.0	8.0	9.5	4.0	2.0	3.0
30	13.0	10.5	11.5	11.0	10.5	10.5	8.0	6.5	7.0	5.5	3.0	4.0
31	14.5	11.0	12.5	---	---	---	6.5	5.0	6.0	8.0	5.0	6.5
MONTH	16.5	8.0	12.5	16.5	4.5	11.0	12.0	3.0	7.5	8.5	<.5	5.0

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE (°C) OF WATER, 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	24.5	21.0	22.5	25.0	21.0	23.0	31.0	24.5	27.5	24.5	21.0	23.0
2	26.0	21.0	23.5	24.0	20.5	22.5	30.0	25.5	27.5	25.5	20.5	23.0
3	25.0	20.5	23.0	23.0	21.0	22.0	29.0	25.0	27.0	25.0	22.5	24.0
4	22.0	18.5	20.5	22.5	20.5	21.5	27.0	25.0	26.0	24.5	23.0	23.5
5	22.0	17.0	19.5	24.5	20.5	22.5	27.5	24.0	26.0	24.0	22.0	23.0
6	24.0	18.0	21.0	26.0	21.0	23.5	30.0	24.5	27.0	23.0	21.5	22.0
7	25.0	19.5	22.5	26.5	21.0	23.5	30.5	25.0	27.5	23.0	20.5	21.5
8	26.5	21.0	23.5	28.0	23.0	25.5	28.5	24.5	27.0	20.5	18.5	19.5
9	26.0	22.5	24.0	29.0	24.0	26.5	30.0	25.0	27.0	19.5	19.0	19.5
10	23.0	20.5	22.0	29.5	25.0	27.0	29.5	25.5	27.5	21.0	19.5	20.0
11	23.0	18.5	21.0	28.0	24.5	26.5	27.0	25.0	26.0	23.0	20.5	21.5
12	23.5	17.5	20.5	28.5	25.0	26.5	29.5	24.0	26.0	25.5	21.5	23.0
13	24.5	18.5	21.5	27.5	24.5	26.0	28.5	24.5	26.5	26.0	22.5	24.0
14	25.0	19.5	22.0	29.0	24.5	26.5	28.0	24.5	26.0	27.0	23.0	25.0
15	23.5	21.0	22.5	30.0	25.5	27.5	29.5	24.0	26.5	24.5	22.5	23.5
16	23.5	21.0	22.5	28.5	27.0	27.5	30.5	25.0	27.5	22.5	21.0	21.5
17	23.5	22.5	23.0	30.5	25.5	28.0	31.0	24.5	27.5	20.5	20.0	20.0
18	23.0	22.0	22.5	31.0	26.5	28.5	31.5	25.0	28.0	20.5	19.5	20.0
19	23.5	22.0	22.5	30.5	26.0	28.5	31.0	24.5	28.0	21.5	20.0	20.5
20	25.5	22.5	24.0	30.5	26.0	28.0	31.0	26.0	28.0	23.5	21.0	22.0
21	27.0	23.5	25.0	30.5	26.0	28.0	29.0	25.5	27.0	24.5	21.5	23.0
22	28.0	24.0	26.0	27.0	25.5	26.5	28.5	25.0	26.5	23.5	20.0	22.0
23	28.0	24.5	26.5	27.5	24.5	25.5	28.0	23.0	25.5	24.0	19.5	22.0
24	28.5	25.0	26.5	29.5	24.5	26.5	28.5	25.0	26.5	25.0	21.5	23.0
25	27.5	25.5	26.5	29.0	25.0	26.5	29.5	24.0	26.5	26.0	22.5	24.0
26	27.5	24.0	25.5	29.0	24.0	26.5	28.5	22.0	25.5	23.5	20.5	22.5
27	25.5	24.0	24.5	28.0	24.5	26.0	27.5	22.5	25.0	22.5	19.5	20.5
28	25.0	22.0	23.5	29.0	23.5	26.0	25.0	23.0	24.0	22.0	18.0	20.0
29	26.5	22.0	24.0	30.0	24.5	27.0	29.0	23.5	26.0	22.5	19.5	20.5
30	25.5	22.0	23.5	29.0	24.5	27.0	26.5	25.0	25.5	22.0	19.5	20.5
31	---	---	---	31.0	25.0	27.5	25.0	23.0	24.0	---	---	---
MONTH	28.5	17.0	23.0	31.0	20.5	26.0	31.5	22.0	26.5	27.0	18.0	22.0
YEAR	31.5	<.5	16.0									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	---	---	---	8.4	7.9	8.2	9.8	9.1	9.5	11.2	9.0	10.2
2	---	---	---	8.3	8.0	8.1	10.5	9.8	10.2	10.8	8.8	9.7
3	---	---	---	8.4	7.9	8.1	10.9	10.5	10.7	11.1	10.4	10.9
4	---	---	---	8.1	7.7	7.9	10.6	10.4	10.5	11.1	9.4	10.8
5	---	---	---	8.0	7.7	7.9	11.0	10.5	10.9	10.8	9.8	10.6
6	9.1	8.6	8.9	8.8	8.0	8.5	11.4	11.0	11.2	11.2	10.8	11.1
7	8.9	8.6	8.7	9.4	8.9	9.2	11.4	11.1	11.3	12.3	11.3	11.7
8	9.5	8.9	9.2	9.5	8.8	9.2	11.1	10.5	11.0	12.4	11.9	12.4
9	9.9	9.4	9.6	8.8	8.3	8.7	10.5	9.9	10.3	12.6	12.4	12.5
10	9.9	9.3	9.6	8.3	7.1	7.8	9.9	9.3	9.7	12.5	12.3	12.4
11	9.5	8.8	9.2	8.4	7.0	7.6	9.7	9.3	9.6	12.6	12.3	12.4
12	9.0	8.8	8.9	8.9	8.4	8.8	9.8	9.7	9.8	12.6	12.2	12.4
13	9.4	9.0	9.1	9.4	8.9	9.2	10.2	9.8	10.1	12.2	11.6	12.0
14	9.6	9.1	9.3	9.5	9.2	9.4	10.4	10.1	10.3	12.0	11.7	11.9
15	9.9	9.3	9.6	9.7	9.2	9.4	10.1	9.7	9.9	12.1	11.9	12.0
16	9.9	9.4	9.6	9.1	8.3	8.8	10.4	9.8	10.2	12.2	11.9	12.1
17	9.8	9.2	9.5	8.3	7.8	8.0	10.8	10.3	10.6	12.0	11.6	11.9
18	9.4	8.8	9.1	8.3	7.8	8.0	11.4	10.8	11.2	11.6	11.0	11.3
19	9.1	8.4	8.8	9.0	8.3	8.8	11.7	11.4	11.6	10.9	10.4	10.7
20	8.7	7.8	8.3	9.5	8.8	9.2	11.3	10.6	11.0	---	---	---
21	8.1	7.8	7.9	10.4	9.5	10.0	10.6	10.2	10.5	---	---	---
22	9.1	8.1	8.8	11.0	10.4	10.8	10.2	9.9	10.0	---	---	---
23	9.8	9.0	9.4	11.6	10.5	10.9	10.4	10.0	10.3	---	---	---
24	9.7	9.0	9.4	10.5	10.0	10.4	10.7	10.4	10.6	---	---	---
25	9.1	8.5	8.8	10.0	9.6	9.9	10.5	10.3	10.4	---	---	---
26	9.0	8.5	8.7	9.6	9.0	9.4	10.3	9.5	10.0	---	---	---
27	8.5	7.9	8.3	9.0	8.5	8.8	9.6	9.5	9.5	---	---	---
28	8.1	7.8	7.9	8.7	8.5	8.6	9.9	9.5	9.7	12.9	12.7	12.8
29	8.9	8.2	8.7	8.8	8.7	8.8	9.7	9.4	9.6	12.8	12.4	12.7
30	8.9	8.4	8.6	9.1	8.8	9.0	10.3	9.2	9.9	12.5	11.8	12.3
31	8.6	8.2	8.4	---	---	---	11.5	10.2	10.9	11.9	11.2	11.6
MONTH	9.9	7.8	8.9	11.6	7.0	8.9	11.7	9.1	10.4	12.9	8.8	11.7

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.2	6.7	6.9	---	---	---	7.6	6.6	7.1	9.0	6.5	7.5
2	7.4	6.7	7.0	---	---	---	7.5	6.7	7.0	8.9	6.4	7.5
3	7.3	6.8	7.0	---	---	---	7.8	6.8	7.2	8.7	6.4	7.1
4	8.0	7.0	7.4	---	---	---	7.8	6.9	7.3	8.1	6.3	6.9
5	8.5	7.1	7.5	---	---	---	7.6	7.0	7.3	7.3	6.0	6.5
6	8.0	6.8	7.3	8.0	7.3	7.8	7.8	6.8	7.2	7.1	6.0	6.6
7	7.6	6.6	7.0	8.0	7.3	7.7	7.8	6.7	7.1	8.0	6.8	7.3
8	7.4	6.5	6.9	8.1	7.3	7.8	7.9	6.7	7.3	8.2	7.3	7.8
9	7.2	6.6	6.8	8.1	7.4	7.7	---	---	---	8.9	7.5	7.8
10	7.3	6.9	7.1	7.9	7.2	7.6	---	---	---	7.8	7.3	7.6
11	7.5	7.0	7.2	8.1	7.3	7.7	---	---	---	7.5	6.8	7.2
12	7.7	6.8	7.3	8.0	7.5	7.8	7.6	6.5	7.0	7.3	6.6	6.9
13	7.6	6.7	7.1	7.6	7.2	7.4	7.1	6.4	6.7	7.1	6.3	6.7
14	7.4	6.3	6.9	7.7	7.2	7.5	7.1	6.4	6.7	7.3	6.3	6.7
15	7.3	5.8	6.6	7.5	7.0	7.3	7.2	6.3	6.7	7.2	6.5	6.9
16	7.0	5.5	5.9	7.6	7.0	7.2	7.2	6.1	6.6	7.6	7.1	7.3
17	---	---	---	7.4	6.8	7.2	7.4	6.2	6.7	7.9	7.2	7.6
18	---	---	---	7.9	7.1	7.5	7.6	6.1	6.7	7.6	7.1	7.4
19	---	---	---	---	---	---	7.8	6.1	6.8	7.4	6.7	6.9
20	7.0	5.7	6.5	---	---	---	8.0	6.0	6.7	7.3	6.7	6.9
21	6.8	6.3	6.6	---	---	---	7.3	6.1	6.5	7.4	6.7	6.9
22	7.0	6.5	6.7	---	---	---	8.1	6.1	6.9	7.7	6.8	7.2
23	7.1	6.1	6.7	---	---	---	8.7	6.2	7.2	7.9	6.9	7.3
24	6.9	5.9	6.5	---	---	---	8.7	6.0	7.0	7.4	6.5	7.0
25	6.7	5.7	6.2	---	---	---	8.5	5.9	6.9	7.2	6.5	6.7
26	---	---	---	---	---	---	9.0	6.1	7.2	7.3	6.5	6.9
27	---	---	---	---	---	---	9.5	6.2	7.4	7.9	7.0	7.3
28	---	---	---	8.1	6.9	7.4	9.0	6.2	7.3	8.3	6.9	7.5
29	---	---	---	7.7	6.9	7.2	9.9	5.9	7.4	8.8	6.9	7.5
30	---	---	---	7.6	6.8	7.2	8.4	5.8	6.6	8.0	7.0	7.4
31	---	---	---	7.5	6.7	7.0	7.3	5.7	6.4	---	---	---
MONTH	8.5	5.5	6.9	8.1	6.7	7.5	9.9	5.7	7.0	9.0	6.0	7.2
YEAR	12.9	5.5	8.8									

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: June 26 to July 6, Aug. 20-23, 25-29, Sept. 5-13, 18, 19, 26, 27, which are poor.

AVERAGE DISCHARGE.--15 years, 566 ft^3/s, 17.31 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)
Jan. 22	0100	*2530	*21.41

Minimum discharge, 55 ft^3/s, Aug. 30, gage height, 13.87 ft.

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	139	149	222	446	400	285	319	268	148	160	77	173
2	150	150	207	467	386	282	311	258	138	125	70	113
3	143	150	203	586	403	284	306	251	134	110	65	80
4	116	151	200	701	540	280	310	240	133	120	66	82
5	116	154	197	617	842	284	352	251	133	130	72	212
6	113	150	194	501	683	283	360	280	129	150	68	200
7	115	148	187	444	540	279	327	280	123	162	110	160
8	121	147	186	417	477	270	315	240	116	127	143	150
9	117	150	185	420	439	278	298	229	123	112	92	200
10	117	175	205	418	419	353	286	214	148	102	72	220
11	115	218	235	390	399	542	282	220	148	111	75	180
12	121	356	300	370	383	538	698	225	127	106	91	150
13	124	263	254	366	377	422	949	208	118	97	105	130
14	115	206	222	426	360	413	692	204	112	88	116	117
15	114	190	233	471	351	371	503	200	109	103	84	128
16	126	183	409	414	367	339	436	206	104	133	68	125
17	128	186	560	385	391	323	392	236	103	119	64	129
18	130	206	369	632	368	315	366	236	120	124	60	350
19	124	283	297	1140	349	395	432	201	246	95	58	310
20	122	243	266	1610	354	474	491	195	265	83	80	299
21	121	208	253	2330	364	407	459	179	232	77	75	218
22	119	196	299	2200	337	359	382	180	168	75	62	173
23	115	185	332	1000	319	336	342	175	135	75	60	145
24	119	182	303	722	316	321	329	174	116	121	60	131
25	129	178	282	621	310	319	360	209	109	107	68	125
26	138	176	364	568	301	329	363	221	106	90	62	130
27	155	210	380	513	296	584	323	195	100	83	58	150
28	189	303	406	470	294	425	296	175	98	83	60	164
29	174	296	1440	443	289	366	294	167	96	107	74	137
30	170	259	908	426	---	341	276	160	115	81	57	122
31	153	---	547	414	---	330	---	150	---	75	88	---
TOTAL	4048	6051	10645	20928	11654	11127	11849	6627	4052	3331	2360	5003
MEAN	131	202	343	675	402	359	395	214	135	107	76.1	167
MAX	189	356	1440	2330	842	584	949	280	265	162	143	350
MIN	113	147	185	366	289	270	276	150	96	75	57	80

CAL YR 1987 TOTAL 181162 MEAN 496 MAX 8500 MIN 89
WTR YR 1988 TOTAL 97675 MEAN 267 MAX 2330 MIN 57

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 122865 MEAN 337 MIN 61

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, 148 microsiemens, Sept. 1; minimum, 41 microsiemens Jan. 21.
pH: Maximum, 8.2 units, Apr. 11; minimum 5.3 units, Feb. 4.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 17, 18; minimum, 0.5°C, Jan. 7-9, 12.
DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Jan. 8, 9, 12; minimum, 5.8 mg/L, May 30, 31, Sept. 25.

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	82	80	81	86	83	85	76	75	75	61	56	58
2	81	80	81	86	85	85	75	74	75	63	59	61
3	83	81	82	87	85	86	75	74	75	64	58	61
4	83	82	82	87	86	87	77	75	76	58	56	56
5	84	82	83	88	86	87	79	77	78	59	55	57
6	84	83	84	88	82	85	81	79	80	59	58	59
7	84	82	83	85	82	84	82	80	81	60	58	59
8	83	81	82	85	84	85	81	80	80	63	60	62
9	82	81	82	85	84	85	82	79	80	64	62	63
10	83	81	82	87	81	84	82	76	80	66	62	64
11	85	83	84	86	84	85	77	76	76	67	62	64
12	87	84	85	83	75	80	79	77	78	66	62	64
13	85	83	84	74	70	71	78	72	75	67	65	66
14	84	82	84	71	70	71	76	72	73	68	64	66
15	83	81	82	76	71	73	72	70	72	70	66	67
16	83	81	82	79	76	77	72	67	70	70	67	68
17	84	82	83	80	78	79	67	52	59	71	67	69
18	86	84	85	83	79	81	60	53	57	68	59	63
19	87	85	86	83	82	82	64	60	62	59	50	55
20	88	87	87	83	74	78	69	65	68	51	46	48
21	89	88	88	76	74	75	71	69	70	46	41	43
22	89	86	88	78	75	77	70	69	70	45	42	43
23	87	85	86	81	77	79	69	68	69	50	46	48
24	88	85	86	82	81	82	69	68	68	54	50	52
25	88	87	88	83	82	83	70	68	69	56	54	55
26	89	87	88	84	79	83	71	69	70	58	56	57
27	89	85	86	79	76	78	72	64	68	60	58	59
28	87	83	85	78	75	77	65	60	63	61	59	60
29	84	82	83	77	76	76	60	42	49	64	61	63
30	84	83	84	77	75	76	54	45	49	67	64	66
31	85	83	84	---	---	---	56	53	54	67	65	66
MONTH	89	80	84	88	70	81	82	42	70	71	41	59

02160700 ENOREE RIVER AT WHITMIRE, 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	67	65	66	72	70	71	73	70	72	84	81	83
2	67	64	66	71	69	70	---	---	---	88	83	85
3	66	64	65	72	70	71	---	---	---	89	84	87
4	65	61	63	74	71	73	---	---	---	84	82	83
5	62	55	58	74	72	73	---	---	---	84	80	82
6	57	55	56	75	72	74	74	69	72	89	82	85
7	60	56	58	77	74	76	72	70	70	89	84	87
8	64	59	61	76	74	75	74	72	73	87	85	86
9	64	62	63	73	70	72	77	74	76	88	85	87
10	64	63	63	71	67	70	78	76	77	90	86	88
11	66	62	64	69	66	68	80	77	79	89	87	88
12	67	64	66	65	59	61	77	56	63	89	87	88
13	67	65	66	63	58	61	60	58	59	94	88	91
14	69	66	68	65	62	63	58	54	56	95	94	95
15	71	68	70	68	65	66	64	58	61	98	95	96
16	70	67	69	69	66	68	69	63	66	98	96	98
17	68	65	67	69	67	67	72	69	70	99	94	98
18	68	65	66	72	69	70	73	71	72	100	96	99
19	68	64	66	71	68	70	72	65	69	95	93	93
20	67	66	67	70	66	68	66	65	66	100	93	96
21	69	67	68	71	67	68	69	64	66	103	100	101
22	69	68	68	69	65	67	67	65	66	103	100	102
23	70	68	69	67	66	66	71	68	69	105	102	104
24	69	66	68	70	67	68	73	71	72	106	98	103
25	69	66	67	73	70	72	75	72	73	104	93	100
26	72	68	71	74	73	73	75	71	73	98	91	95
27	74	71	72	78	60	72	71	66	68	98	89	94
28	73	71	72	64	59	62	71	68	69	103	99	101
29	73	71	72	68	64	65	80	72	77	106	101	103
30	---	---	---	69	68	68	84	80	82	108	105	106
31	---	---	---	72	68	69	---	---	---	110	105	107
MONTH	74	55	66	78	58	69	84	54	70	110	80	94

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	109	104	107	110	107	109	122	116	120	148	122	136
2	107	102	105	115	106	108	128	123	125	121	109	113
3	104	98	102	122	116	120	128	125	127	115	108	113
4	108	98	103	120	110	113	128	124	126	109	105	107
5	113	101	105	111	106	109	126	121	124	107	95	102
6	115	104	110	107	104	105	121	118	120	105	81	94
7	114	103	107	105	99	102	124	115	121	80	71	73
8	---	---	---	100	97	98	138	118	130	83	71	77
9	---	---	---	100	96	98	127	116	122	84	73	80
10	102	99	100	103	99	101	115	113	114	88	80	85
11	108	101	104	107	103	105	114	104	111	---	---	---
12	112	108	110	107	103	105	112	104	108	---	---	---
13	114	111	113	109	106	107	119	103	109	---	---	---
14	114	111	113	108	105	106	125	120	122	110	105	108
15	117	113	115	109	106	108	125	119	123	108	105	106
16	115	113	114	117	108	113	118	114	116	107	104	106
17	115	101	112	118	100	110	121	117	118	107	90	101
18	---	---	---	102	95	98	124	118	121	94	90	92
19	---	---	---	106	99	102	125	122	123	96	73	87
20	---	---	---	115	106	110	---	---	---	79	71	74
21	---	---	---	117	109	114	---	---	---	82	78	80
22	---	---	---	114	110	112	---	---	---	86	78	82
23	---	---	---	114	111	112	---	---	---	91	85	88
24	---	---	---	128	112	120	134	129	131	96	92	94
25	105	97	100	130	126	128	132	117	126	101	96	98
26	107	104	106	125	116	119	137	133	135	---	---	---
27	105	101	102	119	115	117	135	133	134	---	---	---
28	104	101	103	117	112	115	133	129	131	94	89	93
29	---	---	---	115	112	113	134	129	132	88	84	85
30	---	---	---	113	108	111	133	131	132	89	86	88
31	---	---	---	116	109	113	145	131	136	---	---	---
MONTH	117	97	107	130	95	110	145	103	124	148	71	94
YEAR	148	41	85									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.3	7.1	6.9	6.4	---	---	6.7	6.5	7.1	6.7	6.5	6.1
2	7.3	7.1	6.8	6.4	---	---	6.6	6.5	6.8	5.9	6.5	6.0
3	7.2	7.0	6.9	6.4	---	---	6.6	6.5	6.1	5.5	6.6	6.4
4	7.3	6.9	7.0	6.3	---	---	6.6	6.5	6.2	5.3	6.6	6.1
5	7.2	6.9	6.6	6.2	---	---	6.7	6.5	6.7	6.0	6.4	5.9
6	7.3	6.9	7.1	6.3	---	---	6.7	6.5	6.9	5.9	6.5	6.3
7	7.1	6.9	6.7	6.4	---	---	7.5	6.6	6.4	6.1	6.4	6.3
8	7.2	7.0	7.1	6.6	---	---	7.1	6.7	6.3	5.4	6.5	6.3
9	7.7	7.0	---	---	---	---	6.8	6.6	6.6	5.6	6.5	6.3
10	7.2	7.1	---	---	---	---	6.8	6.7	7.3	6.2	6.8	6.3
11	7.2	7.0	---	---	---	---	7.0	6.7	6.6	5.7	6.7	6.4
12	7.3	7.0	---	---	---	---	6.9	6.7	6.2	5.9	6.8	6.7
13	7.3	7.0	---	---	---	---	7.0	6.8	6.6	6.0	7.3	6.7
14	7.3	6.9	---	---	---	---	6.9	6.8	6.6	6.4	7.0	6.8
15	7.3	6.9	---	---	7.4	7.0	7.0	6.8	6.6	6.5	6.9	6.8
16	7.4	6.9	---	---	7.3	7.0	6.9	6.8	7.0	6.4	7.1	6.8
17	7.3	6.9	---	---	7.1	6.8	7.7	6.8	7.0	6.6	7.1	7.0
18	7.2	6.9	---	---	6.9	6.7	7.3	6.7	6.7	6.5	7.2	7.0
19	7.3	6.8	---	---	6.9	6.8	6.9	6.6	7.1	6.7	7.2	7.0
20	7.3	6.8	---	---	7.0	6.8	7.0	6.4	6.7	6.6	7.1	6.8
21	6.9	6.7	---	---	7.0	6.8	6.5	6.2	6.9	6.7	6.8	6.6
22	7.0	6.8	---	---	7.0	6.8	6.4	6.2	6.8	6.5	6.7	6.6
23	7.2	6.7	---	---	6.9	6.9	6.5	6.3	6.7	6.5	6.8	6.6
24	7.3	6.8	---	---	7.0	6.8	6.6	6.5	6.5	6.4	7.0	6.7
25	7.1	6.7	---	---	6.9	6.7	6.7	6.6	6.6	6.3	7.3	6.8
26	7.4	6.7	---	---	6.8	6.7	6.8	6.6	6.7	6.5	7.5	7.0
27	7.2	6.7	---	---	6.9	6.7	6.8	6.7	6.6	6.4	7.2	6.7
28	7.1	6.6	---	---	6.8	6.7	6.8	6.6	6.5	6.3	7.1	6.7
29	7.3	6.7	---	---	6.7	6.2	6.9	6.8	6.6	6.4	7.1	6.8
30	7.5	6.7	---	---	6.5	6.2	7.3	6.9	---	---	7.1	6.7
31	7.1	6.6	---	---	6.6	6.4	7.3	7.0	---	---	7.0	6.7
MONTH	7.7	6.6	---	---	---	---	7.7	6.2	7.3	5.3	7.5	5.9

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°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	---	---	---	16.0	12.5	14.0	10.5	9.0	9.5	8.5	6.5	7.5
2	---	---	---	16.0	12.5	14.0	8.5	6.5	8.0	8.5	8.5	8.5
3	---	---	---	16.0	12.5	14.0	7.5	5.5	6.5	8.5	7.0	8.0
4	---	---	---	16.5	13.0	14.5	8.5	6.5	7.0	7.5	7.0	7.0
5	---	---	---	17.5	14.5	15.5	7.0	5.0	6.0	7.0	6.0	6.5
6	---	---	---	14.5	11.0	13.0	5.5	4.0	5.0	6.0	4.5	5.5
7	---	---	---	12.0	9.0	10.5	6.0	4.0	5.0	4.5	.5	2.5
8	---	---	---	12.5	9.0	10.5	7.5	5.0	6.5	1.0	.5	.5
9	15.0	11.0	12.5	14.0	11.0	12.5	10.0	7.5	9.0	1.0	.5	.5
10	15.0	11.0	13.0	---	---	---	11.0	9.5	10.5	2.0	1.0	1.5
11	16.0	12.5	14.0	---	---	---	10.5	9.0	10.0	2.0	1.0	1.5
12	14.5	13.5	14.0	---	---	---	10.0	8.5	9.0	2.0	.5	1.5
13	15.0	12.0	13.0	---	---	---	9.0	7.5	8.0	3.5	1.5	2.5
14	13.5	10.0	11.5	---	---	---	8.5	7.5	8.0	3.0	2.0	2.5
15	13.5	9.0	11.0	---	---	---	10.5	8.5	9.0	3.0	2.0	2.5
16	13.5	9.5	11.0	---	---	---	9.0	7.0	8.0	3.0	1.5	2.0
17	14.0	9.5	11.5	---	---	---	7.0	5.5	6.5	3.0	2.0	2.5
18	15.0	10.5	12.5	---	---	---	5.5	4.0	5.0	5.0	3.0	4.0
19	15.5	12.0	13.5	13.0	11.5	12.0	5.0	3.5	4.5	6.5	5.0	6.0
20	16.5	13.0	15.0	11.5	9.5	11.0	7.0	5.0	6.0	7.5	6.5	7.0
21	17.5	13.5	15.5	9.5	7.0	8.5	8.5	7.0	8.0	7.5	7.5	7.5
22	14.0	10.5	12.0	8.0	5.5	6.5	10.0	8.5	9.0	7.5	7.0	7.0
23	12.0	8.5	10.0	8.0	5.0	6.5	9.0	8.0	8.5	7.0	6.0	6.5
24	12.5	8.0	10.5	9.5	6.5	8.0	8.0	7.0	7.5	6.0	5.0	5.5
25	14.0	10.5	12.0	10.5	8.0	9.5	9.5	8.0	9.0	6.0	5.0	6.0
26	14.5	11.0	12.5	12.0	10.5	11.5	12.0	10.0	11.0	5.5	4.5	5.0
27	13.0	12.0	12.5	14.0	12.0	13.0	12.0	11.5	12.0	4.0	2.0	3.5
28	14.5	11.5	13.0	13.0	12.0	12.5	11.5	10.5	11.0	3.5	2.0	2.5
29	12.5	10.0	11.0	12.5	11.5	12.0	10.5	9.0	10.0	4.0	2.0	3.0
30	14.0	10.5	12.0	11.5	10.5	11.0	9.0	6.5	7.5	5.0	3.0	4.0
31	15.0	11.0	13.0	---	---	---	6.5	6.0	6.5	7.0	4.5	6.0
MONTH	17.5	8.0	12.5	17.5	5.0	11.5	12.0	3.5	8.0	8.5	.5	4.5

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

TEMPERATURE, WATER (°C), 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	24.5	21.0	23.0	24.5	21.5	23.0	30.0	25.0	27.5	24.5	22.5	23.5
2	26.0	21.5	23.5	24.5	20.5	22.5	29.0	25.5	27.0	25.0	21.5	23.0
3	---	---	---	23.0	21.5	22.5	28.5	25.0	26.5	25.5	23.0	24.0
4	---	---	---	22.5	21.0	21.5	27.5	25.0	26.0	25.0	23.5	24.0
5	---	---	---	24.5	21.0	22.5	27.5	24.5	26.0	25.0	22.5	23.5
6	---	---	---	25.0	21.0	23.0	30.0	25.0	27.0	23.0	22.0	22.5
7	---	---	---	25.5	21.5	23.5	29.0	25.5	27.0	23.5	21.0	22.0
8	---	---	---	27.0	23.0	25.0	28.5	25.5	27.0	21.0	19.5	20.0
9	---	---	---	28.0	24.5	26.0	30.5	26.0	28.0	20.0	19.5	20.0
10	24.5	21.5	23.0	29.0	25.0	27.0	29.5	26.0	27.5	21.5	20.0	20.5
11	24.0	20.0	21.5	28.0	24.5	26.0	27.0	25.0	26.0	---	---	---
12	24.0	18.5	21.0	28.5	25.5	26.5	29.0	24.0	26.0	---	---	---
13	25.0	19.5	22.0	27.5	25.0	26.0	28.5	24.5	26.5	---	---	---
14	25.5	20.5	23.0	29.5	25.0	27.0	27.5	25.0	26.0	27.0	23.5	25.0
15	26.5	21.5	24.0	30.5	25.5	28.0	29.0	24.5	26.5	25.0	23.5	24.0
16	27.5	21.5	24.5	28.5	27.0	27.5	30.0	25.5	27.5	23.0	21.5	22.5
17	---	---	---	30.0	25.5	27.5	31.0	25.0	27.5	21.5	20.5	21.0
18	---	---	---	30.0	26.5	28.0	31.0	25.0	28.0	21.0	20.5	20.5
19	---	---	---	30.0	26.5	28.0	30.5	24.5	27.5	21.5	20.5	21.0
20	---	---	---	30.0	26.0	28.0	---	---	---	23.0	21.0	22.0
21	---	---	---	30.0	26.0	28.0	---	---	---	24.5	22.0	23.0
22	---	---	---	27.0	25.5	26.5	---	---	---	23.5	20.5	22.0
23	---	---	---	27.0	24.5	25.5	---	---	---	24.0	20.0	22.0
24	---	---	---	28.5	24.5	26.0	29.0	25.5	27.0	25.0	22.0	23.5
25	28.5	26.0	27.0	28.5	25.0	26.5	30.0	24.5	26.5	26.0	23.0	24.5
26	29.0	25.5	27.0	27.5	24.0	26.0	29.0	22.5	25.5	---	---	---
27	26.5	24.0	25.5	27.5	24.5	25.5	28.0	23.0	25.5	---	---	---
28	26.0	22.0	23.5	28.0	24.0	25.5	25.5	23.5	24.5	21.5	19.0	20.5
29	---	---	---	28.5	25.0	26.5	29.5	24.0	26.5	22.0	20.0	21.0
30	---	---	---	29.0	25.5	27.0	27.5	25.5	26.5	22.0	20.0	21.0
31	---	---	---	30.5	25.0	27.5	25.0	23.5	24.5	---	---	---
MONTH	29.0	18.5	23.5	30.5	20.5	26.0	31.0	22.5	26.5	27.0	19.0	22.5
YEAR	31.0	.5	15.5									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.7	8.0	8.3	9.5	8.3	8.9	10.5	9.6	10.1	11.2	10.4	10.8
2	9.3	8.7	8.9	9.2	8.4	8.8	11.3	10.3	10.9	10.7	10.1	10.4
3	9.4	8.7	8.9	9.3	8.0	8.7	11.8	11.1	11.4	10.8	10.2	10.5
4	9.9	9.1	9.5	9.2	7.9	8.6	11.5	10.7	11.2	10.9	10.4	10.7
5	9.9	9.2	9.5	8.9	7.9	8.4	12.0	10.9	11.5	11.3	10.5	10.9
6	9.7	8.9	9.4	9.6	8.2	8.9	12.3	11.5	11.9	11.7	10.9	11.3
7	9.6	9.1	9.3	10.3	9.2	9.8	12.5	11.6	12.0	12.8	11.5	12.0
8	9.9	9.1	9.5	10.3	9.1	9.8	12.1	10.9	11.5	13.1	12.8	12.9
9	10.2	9.3	9.8	9.9	8.6	9.3	11.2	10.3	10.8	13.1	12.8	12.9
10	10.2	9.3	9.7	9.0	7.7	8.5	10.4	9.8	10.2	13.0	12.7	12.9
11	10.0	9.0	9.4	9.0	7.7	8.4	10.4	9.8	10.1	13.0	12.6	12.8
12	9.4	8.9	9.2	9.8	9.0	9.4	10.4	10.0	10.2	13.1	12.6	12.9
13	9.8	9.3	9.5	10.2	9.6	9.9	10.9	10.1	10.5	12.9	12.1	12.5
14	10.3	9.6	9.8	10.6	9.8	10.2	11.0	10.4	10.7	12.7	12.0	12.4
15	10.3	9.3	9.9	10.7	9.9	10.3	10.6	9.8	10.3	12.8	12.4	12.6
16	10.4	9.5	10.0	10.3	9.1	9.9	10.8	9.9	10.4	12.9	12.4	12.6
17	10.2	9.3	9.8	9.5	8.7	9.1	11.2	10.4	10.8	12.9	12.3	12.6
18	9.9	9.0	9.6	9.4	8.6	8.9	11.8	11.2	11.5	12.4	11.7	12.1
19	9.9	8.9	9.3	9.6	8.9	9.2	12.0	11.6	11.8	11.9	11.1	11.5
20	9.4	8.2	8.9	9.9	9.2	9.6	11.6	10.8	11.3	11.4	10.6	11.1
21	8.8	8.1	8.5	10.7	9.8	10.4	11.0	10.4	10.7	11.4	10.4	10.9
22	9.5	8.6	9.1	11.4	10.7	11.1	10.5	9.8	10.2	11.4	10.7	11.1
23	10.2	9.2	9.7	11.4	10.9	11.2	10.6	9.8	10.3	11.8	10.9	11.4
24	10.4	9.4	9.9	11.3	10.2	10.8	10.9	10.4	10.7	12.1	11.2	11.8
25	9.8	8.7	9.4	10.8	9.7	10.3	10.7	10.0	10.4	11.9	11.2	11.6
26	9.5	8.6	9.0	9.9	9.4	9.7	10.2	9.4	9.9	11.9	11.2	11.6
27	9.1	8.5	8.8	9.7	9.0	9.3	9.7	9.1	9.4	12.7	11.6	12.2
28	9.0	8.4	8.6	9.6	9.0	9.2	9.9	9.2	9.6	13.0	12.4	12.7
29	9.7	8.9	9.3	9.6	9.1	9.4	10.0	9.4	9.7	12.8	12.2	12.6
30	9.7	8.2	9.3	10.0	9.2	9.7	11.0	9.8	10.4	12.4	11.7	12.1
31	9.8	8.5	9.0	---	---	---	11.3	10.8	11.0	11.9	11.1	11.5
MONTH	10.4	8.0	9.3	11.4	7.7	9.5	12.5	9.1	10.7	13.1	10.1	11.9

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.1	6.2	7.3	8.0	7.6	7.8	7.5	6.6	7.0	7.2	6.6	6.9
2	8.3	6.7	7.6	8.2	7.5	7.9	7.5	6.6	6.9	7.6	6.6	7.1
3	9.0	6.5	7.5	7.8	7.5	7.7	7.6	6.6	7.1	7.2	6.4	6.8
4	9.7	7.8	8.8	8.2	7.9	8.0	7.8	6.7	7.1	6.9	6.3	6.6
5	10.2	8.3	9.1	11.2	8.0	9.2	7.9	6.8	7.2	6.8	6.3	6.5
6	9.9	7.0	8.6	8.4	7.7	8.1	7.8	6.5	7.1	6.6	6.2	6.4
7	9.5	6.7	8.3	8.2	7.6	7.9	7.7	6.6	6.9	7.0	6.5	6.8
8	---	---	---	8.0	7.4	7.7	7.2	6.6	6.8	7.5	6.9	7.2
9	---	---	---	7.8	7.3	7.5	7.2	6.6	6.8	7.4	7.1	7.2
10	7.4	6.8	7.2	7.8	7.2	7.5	7.3	6.7	6.9	7.3	6.8	7.1
11	7.8	7.3	7.5	8.2	7.3	7.6	7.4	6.8	7.1	---	---	---
12	8.0	7.4	7.7	7.9	7.3	7.5	7.7	6.8	7.3	---	---	---
13	7.9	7.2	7.6	7.9	7.3	7.5	7.5	6.9	7.2	---	---	---
14	7.8	7.1	7.5	7.7	7.0	7.4	7.4	7.0	7.1	7.0	6.0	6.5
15	7.7	7.0	7.3	7.8	6.7	7.2	7.7	7.1	7.3	6.7	6.4	6.5
16	7.7	6.8	7.3	7.1	6.7	6.9	7.7	7.0	7.4	6.9	6.5	6.7
17	---	---	---	7.3	6.7	7.1	7.8	7.0	7.4	7.0	6.7	6.9
18	---	---	---	7.1	6.7	6.9	8.0	7.0	7.5	6.9	6.7	6.8
19	---	---	---	7.2	6.7	6.9	8.0	7.0	7.5	6.7	6.3	6.5
20	---	---	---	7.2	6.7	6.9	---	---	---	6.6	6.3	6.5
21	---	---	---	7.3	6.6	6.9	---	---	---	6.5	6.0	6.3
22	---	---	---	7.3	6.7	7.0	---	---	---	6.8	6.2	6.5
23	---	---	---	7.5	7.0	7.2	---	---	---	6.7	6.2	6.5
24	---	---	---	7.3	6.8	7.0	8.0	6.3	7.1	6.4	6.0	6.2
25	7.5	7.0	7.2	7.3	6.8	7.0	8.1	6.3	6.9	6.2	5.8	6.1
26	7.4	7.0	7.2	7.5	6.9	7.2	8.2	6.3	7.2	---	---	---
27	7.5	6.9	7.2	7.6	6.9	7.2	8.7	6.5	7.4	---	---	---
28	7.9	7.3	7.6	7.8	6.9	7.3	8.6	6.8	7.4	7.8	7.3	7.5
29	---	---	---	7.4	6.6	7.0	8.5	5.9	7.2	7.7	6.7	7.4
30	---	---	---	7.3	6.6	6.9	8.4	6.0	6.9	7.7	7.0	7.5
31	---	---	---	7.3	6.6	6.9	7.6	6.5	6.8	---	---	---
MONTH	10.2	6.2	7.7	11.2	6.6	7.4	8.7	5.9	7.1	7.8	5.8	6.8
YEAR	13.1	5.8	9.0									

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: Jan. 8, 9. Records fair.

AVERAGE DISCHARGE.--8 years, 6.92 ft^3/s, 11.52 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)
Jan. 20	1057	*34	*1.94				

Minimum, 0.22 ft^3/s, Sept. 2, 3, gage height, -0.01 ft; minimum daily, 0.42 ft^3/s, Sept. 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	1.4	3.7	4.4	3.5	4.4	3.1	3.3	2.1	1.3	1.2	.74	.64
2	1.4	3.7	4.2	6.5	4.3	3.1	3.3	2.0	1.3	1.0	.84	.42
3	1.4	3.8	4.1	8.2	5.0	3.1	3.3	2.0	1.3	1.2	1.1	.49
4	1.4	3.8	4.2	10	6.0	3.1	3.4	2.3	1.4	1.2	1.2	1.8
5	1.4	3.8	4.0	6.0	5.4	3.0	3.3	3.1	1.3	1.1	1.1	1.9
6	1.4	3.7	4.0	4.8	4.8	3.0	3.2	2.3	1.2	.95	1.1	.80
7	1.5	3.7	4.0	4.3	4.5	3.0	3.0	2.2	1.2	.84	5.0	.64
8	1.4	3.8	4.0	7.0	4.3	3.0	2.9	2.1	1.2	.83	3.0	.70
9	1.4	3.9	4.0	6.0	4.2	3.5	2.8	2.1	1.2	1.0	1.5	5.0
10	1.5	4.4	4.0	4.0	4.1	4.2	2.7	2.1	1.7	.79	1.4	2.3
11	1.4	4.3	3.9	3.9	3.9	3.8	3.0	2.0	1.2	.79	1.8	1.7
12	1.4	4.0	3.8	3.6	3.9	3.5	9.8	1.9	1.2	.87	1.7	1.5
13	1.4	4.0	3.7	4.5	3.7	3.3	5.2	1.9	1.2	.78	1.4	1.4
14	1.4	4.0	3.6	5.0	3.6	3.2	4.0	1.9	1.1	.80	1.4	1.3
15	1.5	3.9	4.0	4.2	3.8	3.0	3.3	1.8	1.2	.75	1.4	1.3
16	1.7	4.0	3.9	3.9	3.9	3.0	3.1	1.9	1.1	1.4	1.4	1.3
17	1.7	5.4	3.6	4.3	3.7	3.0	2.8	2.1	1.1	1.1	1.2	1.7
18	1.7	4.8	3.5	7.1	3.6	3.2	2.8	2.1	1.1	.89	.88	1.8
19	1.7	4.0	3.5	9.7	4.3	4.8	3.1	1.9	1.6	.81	.75	1.8
20	1.7	3.9	3.5	21	4.3	3.9	2.9	1.8	1.4	.82	.61	2.2
21	1.7	3.8	3.7	12	4.0	3.6	2.7	1.7	1.1	.82	.65	2.1
22	2.1	3.8	5.2	8.0	3.8	3.3	2.5	1.7	1.0	.82	.65	2.0
23	2.5	3.8	4.3	6.7	3.7	3.2	2.5	1.7	1.2	1.4	.57	1.9
24	2.8	3.8	3.9	6.0	3.6	3.0	3.5	1.9	1.5	1.1	.63	1.8
25	2.9	3.8	4.1	6.5	3.5	3.2	2.9	2.2	1.4	.95	.56	1.9
26	3.1	4.2	3.9	6.2	3.5	3.6	2.7	1.8	1.4	.92	.48	4.4
27	4.7	5.6	3.7	5.4	3.5	4.0	2.5	1.7	1.4	.91	.48	1.9
28	4.0	6.2	4.0	4.9	3.3	3.7	2.3	1.6	1.4	.89	.68	1.6
29	3.6	5.7	3.9	4.7	3.2	3.6	2.2	1.6	1.4	.81	1.0	1.5
30	3.7	4.8	3.6	4.6	---	3.5	2.1	1.5	1.5	.76	.62	1.4
31	3.7	---	3.5	4.5	---	3.4	---	1.3	---	.75	.65	---
TOTAL	64.6	126.1	121.7	197.0	117.8	104.9	97.1	60.3	38.6	29.25	36.49	51.19
MEAN	2.08	4.20	3.93	6.35	4.06	3.38	3.24	1.95	1.29	.94	1.18	1.71
MAX	4.7	6.2	5.2	21	6.0	4.8	9.8	3.1	1.7	1.4	5.0	5.0
MIN	1.4	3.7	3.5	3.5	3.2	3.0	2.1	1.3	1.0	.75	.48	.42

CAL YR 1987 TOTAL 2538.09 MEAN 6.95 MAX 159 MIN .47
WTR YR 1988 TOTAL 1045.03 MEAN 2.86 MAX 21 MIN .42

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, 181 microsiemens, Sept. 5, 1988; minimum, 28 microsiemens, Nov. 23, 1985.
pH: Maximum, 9.2 units, May 21, 1988; minimum, 5.7 units, Apr. 30, 1988.
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, 181 microsiemens, Sept. 5; minimum, 57 microsiemens, Jan. 23.
pH: Maximum, 9.2 units, May 21; minimum, 5.7 units, Apr. 30.
WATER TEMPERATURE: Maximum, 30.5°C, several days in Aug; minimum, 1.0°C, Jan. 10.
DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Dec. 10; minimum, 2.2 mg/L, Oct. 4.

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	129	91	98	116	100	102	107	96	102	102	102	102
2	137	94	101	101	99	100	104	98	102	103	72	96
3	121	92	99	108	100	102	104	98	102	103	84	97
4	106	96	98	116	101	103	104	98	102	102	85	98
5	130	86	101	116	101	104	104	100	103	102	73	95
6	99	96	96	126	102	108	104	99	103	101	71	93
7	104	95	97	111	102	105	104	100	103	101	76	95
8	118	95	99	107	102	103	104	103	104	100	80	95
9	104	93	96	137	103	108	108	100	104	100	99	99
10	115	94	99	107	102	104	110	103	104	99	83	96
11	129	95	102	127	103	108	113	102	104	99	98	99
12	110	95	97	123	104	107	104	102	103	99	95	99
13	102	96	97	131	105	110	109	103	104	98	92	97
14	102	96	97	112	104	106	113	103	106	98	95	98
15	113	97	100	109	103	105	107	104	105	99	89	96
16	112	97	99	107	103	104	107	104	105	99	98	98
17	102	97	98	106	102	103	105	102	104	98	94	98
18	117	98	102	106	102	104	105	93	103	98	95	97
19	113	97	100	106	103	104	104	101	104	98	93	97
20	103	97	98	118	104	106	104	101	103	98	83	96
21	112	97	100	---	---	---	104	85	101	99	75	94
22	128	98	103	---	---	---	103	101	103	99	81	96
23	106	99	101	---	---	---	104	103	104	98	57	93
24	101	99	100	110	103	105	104	103	104	97	60	86
25	139	98	102	112	103	107	103	100	102	98	62	89
26	127	99	101	116	106	109	103	101	102	94	68	87
27	103	98	100	120	103	107	105	102	104	97	74	92
28	125	99	104	113	103	104	104	101	103	95	78	91
29	125	100	104	111	103	106	103	88	100	97	95	96
30	129	100	107	104	92	102	104	61	93	97	89	96
31	103	101	102	---	---	---	102	101	102	97	86	95
MONTH	139	86	100	137	92	105	113	61	103	103	57	95

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, 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	97	91	95	97	95	96	97	95	96	102	96	98
2	97	95	96	96	95	95	97	95	96	103	96	98
3	97	96	96	102	95	96	103	96	98	102	96	97
4	97	95	96	104	95	98	104	96	98	104	95	98
5	97	96	97	101	95	96	101	93	97	99	95	96
6	97	85	92	101	95	97	106	96	99	109	97	99
7	96	84	92	102	95	97	102	98	99	105	96	98
8	95	90	94	105	95	97	100	98	98	109	97	100
9	96	90	95	108	94	97	103	95	99	113	98	103
10	97	92	96	110	94	99	100	95	97	111	97	102
11	96	95	96	96	96	96	98	96	97	107	96	99
12	96	90	93	97	96	96	99	97	98	110	97	100
13	94	93	94	99	95	96	104	95	98	109	97	100
14	95	91	94	98	94	96	99	86	95	117	97	100
15	96	94	94	96	92	96	96	86	92	110	96	101
16	94	94	94	96	91	95	98	86	95	122	97	108
17	103	94	96	97	93	95	100	86	94	116	99	105
18	103	94	96	96	93	95	95	90	93	116	99	103
19	97	95	95	96	95	95	96	92	94	108	100	102
20	99	95	96	100	95	95	99	94	96	116	99	103
21	96	95	95	101	94	96	98	92	95	119	100	105
22	99	95	96	98	95	96	96	90	94	118	99	107
23	95	95	95	100	95	96	101	92	95	119	101	107
24	102	95	96	98	94	95	103	94	96	114	104	106
25	96	95	95	96	95	95	103	96	96	115	103	106
26	96	95	95	96	94	95	100	95	97	120	104	107
27	96	95	95	104	95	97	98	95	96	121	104	107
28	98	95	96	104	93	98	98	96	96	123	104	109
29	96	95	95	102	95	97	100	96	97	116	103	109
30	---	---	---	98	95	96	102	95	97	127	104	113
31	---	---	---	98	93	96	---	---	---	122	102	111
MONTH	103	84	95	110	91	96	106	86	96	127	95	103

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	124	104	110	120	111	113	149	125	129	149	130	133
2	122	104	109	135	111	116	146	125	131	135	131	132
3	119	105	108	134	111	113	138	127	130	147	130	133
4	117	107	109	137	112	117	146	128	131	149	129	133
5	118	106	109	117	112	115	151	129	134	181	128	141
6	127	107	112	137	116	119	152	129	134	161	129	135
7	115	106	109	141	115	120	145	130	133	158	129	134
8	123	107	111	141	115	122	175	131	141	154	133	138
9	123	107	113	131	115	120	153	129	137	156	132	137
10	126	107	111	132	117	119	160	131	137	162	132	137
11	120	104	107	133	118	124	150	132	137	149	130	136
12	116	104	108	133	118	122	155	132	136	136	129	132
13	130	104	113	119	116	117	158	132	139	136	122	132
14	136	107	117	142	116	123	156	133	138	139	124	131
15	115	103	108	137	117	121	169	133	147	135	122	132
16	122	104	110	132	118	121	159	134	138	134	131	132
17	134	105	112	131	119	123	159	132	140	137	131	132
18	108	103	106	129	119	122	153	129	136	161	131	135
19	129	105	110	128	120	122	145	128	132	156	131	135
20	152	107	118	130	120	122	145	126	130	144	130	134
21	127	107	113	128	120	122	150	125	133	141	130	134
22	136	106	112	140	121	123	148	126	130	139	130	133
23	129	105	113	128	119	121	145	121	131	139	131	134
24	128	106	114	123	120	121	143	121	130	141	131	134
25	126	110	116	161	121	132	156	127	133	143	131	134
26	135	110	118	142	120	125	162	124	135	147	131	135
27	133	110	115	152	123	129	147	127	132	158	131	136
28	127	111	115	146	123	126	138	128	129	140	131	133
29	119	111	113	138	122	126	138	126	129	139	131	133
30	118	111	113	144	124	128	152	128	134	135	132	133
31	---	---	---	132	124	127	141	128	130	---	---	---
MONTH	152	103	112	161	111	122	175	121	134	181	122	134
YEAR	181	57	108									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.2	7.0	6.5	5.8	7.6	6.9	7.6	7.2	7.6	7.0	7.7	7.1
2	8.5	6.9	6.9	6.2	7.9	6.9	7.8	7.3	7.7	7.0	7.8	7.1
3	7.5	6.8	7.0	5.9	8.1	7.0	7.5	7.1	7.3	7.0	7.7	7.2
4	7.5	6.8	6.6	6.0	7.5	6.9	7.8	7.3	7.3	7.0	7.8	7.2
5	8.2	6.9	6.6	6.0	7.4	6.7	8.4	7.3	7.1	7.0	7.8	7.2
6	7.5	6.9	7.0	5.9	7.3	6.8	8.6	7.5	9.0	7.0	8.1	7.2
7	7.4	6.9	6.8	6.0	7.3	6.8	8.7	7.5	9.0	7.0	8.0	7.2
8	7.4	6.8	7.2	6.5	7.5	6.9	8.8	7.3	8.6	7.0	7.9	7.3
9	7.4	6.8	7.2	6.4	7.1	6.9	8.4	7.3	8.0	7.0	7.9	7.2
10	7.4	6.7	7.2	6.6	7.5	7.0	7.3	6.8	8.0	7.0	7.2	7.2
11	7.5	7.0	7.5	6.6	7.9	7.0	7.4	6.5	7.0	7.0	7.2	7.2
12	7.7	7.0	7.6	6.9	7.7	7.1	7.1	6.5	7.6	7.0	7.2	7.2
13	7.6	7.1	7.7	6.7	8.1	7.0	7.1	6.3	7.4	7.0	7.9	7.2
14	7.4	7.0	8.0	6.8	7.9	7.1	7.4	6.6	7.1	7.0	7.9	7.2
15	7.3	7.0	8.1	6.9	8.7	7.0	7.7	6.9	7.5	7.1	7.7	7.2
16	8.1	7.1	8.3	6.8	8.5	7.1	7.7	6.8	7.1	7.1	7.2	7.2
17	8.4	7.0	8.0	6.9	7.9	7.1	7.1	6.7	7.2	7.1	7.2	7.2
18	7.2	7.0	8.3	7.1	8.3	7.2	7.2	6.7	7.3	7.1	7.2	7.2
19	7.7	7.0	8.6	7.3	7.9	7.2	8.2	6.8	7.6	7.1	7.2	7.2
20	7.5	7.1	9.0	7.2	7.9	7.2	7.3	7.1	7.9	7.1	7.9	7.2
21	7.2	7.0	9.2	7.1	8.0	7.2	7.5	7.0	9.0	7.1	7.8	7.2
22	7.5	6.9	9.1	7.2	8.3	7.3	7.9	7.0	7.2	7.1	8.0	7.3
23	7.6	6.9	8.6	7.2	7.8	7.1	8.6	7.0	7.6	7.1	8.0	7.3
24	7.0	6.8	7.5	7.1	8.1	7.3	8.6	7.0	7.6	7.1	7.3	7.3
25	7.0	6.5	8.4	7.2	7.7	7.2	8.9	7.0	7.5	7.1	8.5	7.3
26	6.9	6.4	8.3	7.2	7.6	7.1	7.8	7.0	7.6	7.1	8.2	7.3
27	6.7	6.2	8.1	7.2	8.0	7.1	7.4	7.0	7.6	7.1	8.0	7.3
28	6.6	6.1	7.9	7.0	7.8	7.3	8.0	7.0	7.1	7.1	8.0	7.3
29	6.6	5.8	7.6	6.9	7.5	7.2	7.8	7.0	7.6	7.1	7.3	7.3
30	6.2	5.7	7.6	6.8	7.6	7.3	8.0	7.0	7.8	7.1	7.3	7.3
31	---	---	8.1	6.8	---	---	8.1	7.0	7.7	7.1	---	---
MONTH	8.5	5.7	9.2	5.8	8.7	6.7	8.9	6.3	9.0	7.0	8.5	7.1

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

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

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

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, 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	26.0	20.5	22.0	27.0	24.0	25.5	28.5	26.5	27.5	28.0	27.0	27.5
2	25.5	21.0	23.0	25.5	23.5	24.5	30.0	27.0	28.0	27.5	27.0	27.5
3	25.0	21.0	23.0	26.0	23.5	25.0	30.5	27.0	28.0	27.0	26.5	27.0
4	23.5	21.5	23.0	25.5	23.5	24.5	29.5	27.0	28.0	27.0	26.5	27.0
5	24.5	21.5	22.5	26.5	23.5	25.0	30.5	27.5	28.0	27.5	25.5	26.5
6	23.0	21.0	22.0	26.5	24.0	25.5	30.0	27.5	28.5	28.5	26.0	27.0
7	23.0	21.5	22.0	27.0	24.5	25.0	30.0	27.5	28.5	27.5	26.0	27.0
8	23.5	21.0	22.0	28.0	24.0	25.0	30.0	27.5	28.5	26.5	25.5	26.0
9	23.5	21.0	21.5	28.0	24.5	25.5	30.0	27.5	28.5	26.0	24.0	25.5
10	23.0	21.0	22.5	26.5	24.5	25.5	30.5	27.5	29.0	27.0	21.5	25.5
11	24.0	22.0	23.0	27.0	24.5	25.5	29.0	27.5	28.5	28.0	23.0	26.0
12	23.5	22.0	22.5	26.0	24.0	25.0	30.0	27.5	28.5	26.0	24.5	25.5
13	25.0	21.5	22.5	27.5	24.5	26.0	30.5	28.0	29.0	27.0	24.5	25.5
14	24.5	21.5	22.5	29.0	25.0	26.5	29.5	28.0	29.0	27.0	25.0	26.0
15	27.5	22.0	23.5	28.0	25.0	26.5	28.5	27.5	28.0	28.0	25.5	26.5
16	25.0	21.5	23.5	29.5	25.5	27.0	28.5	27.5	28.0	26.5	26.0	26.5
17	24.5	22.0	23.0	27.5	25.5	26.0	29.0	27.5	28.0	26.0	24.5	25.5
18	25.5	22.0	23.5	27.5	25.0	26.0	29.0	28.0	28.5	25.5	23.5	25.0
19	27.5	22.5	24.5	29.0	25.5	26.5	28.5	28.0	28.0	25.0	23.0	25.0
20	27.5	22.0	24.5	27.0	25.5	26.0	28.5	27.5	28.0	25.5	24.0	25.0
21	26.5	22.5	24.5	27.0	26.0	26.5	30.5	27.5	28.5	26.5	24.0	25.0
22	27.0	22.0	24.5	28.0	26.0	27.0	30.0	28.5	29.0	26.0	24.5	25.0
23	27.0	22.5	24.5	28.5	26.0	27.0	29.0	28.0	28.5	25.5	24.5	25.0
24	29.0	23.5	27.0	30.0	26.5	28.0	28.5	28.0	28.0	25.5	25.0	25.0
25	29.0	22.5	26.0	29.0	26.5	27.5	29.0	28.0	28.5	26.0	25.0	25.5
26	28.5	23.5	25.5	29.0	26.5	27.0	29.5	28.0	28.5	25.5	25.0	25.0
27	27.0	24.5	26.0	28.0	26.5	27.0	28.5	28.0	28.0	25.5	24.0	25.0
28	26.5	24.0	25.5	28.0	26.5	27.0	28.5	27.5	28.0	26.0	24.0	25.0
29	26.0	23.0	24.0	28.5	26.5	27.5	28.0	27.0	28.0	25.0	24.5	25.0
30	26.5	23.5	25.5	28.5	26.5	27.0	29.5	27.5	28.0	25.0	24.0	24.5
31	---	---	---	28.0	26.0	27.0	28.0	27.0	27.5	---	---	---
MONTH	29.0	20.5	23.5	30.0	23.5	26.0	30.5	26.5	28.5	28.5	21.5	26.0
YEAR	30.5	1.0	19.0									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.1	5.7	6.4	8.5	6.3	7.5	11.2	9.1	9.8	9.0	5.6	7.1
2	6.9	3.8	5.9	8.5	6.7	7.7	11.1	8.0	9.6	9.2	8.4	8.7
3	6.7	5.0	5.7	9.1	6.4	8.2	10.5	6.8	8.7	9.1	8.6	8.9
4	7.0	2.2	5.2	10.0	7.5	8.6	11.5	7.9	9.1	9.1	8.7	8.9
5	7.7	4.0	6.1	10.3	7.2	8.8	10.0	7.4	8.6	9.2	7.9	8.8
6	6.0	3.4	4.9	9.6	8.2	8.8	10.6	5.6	8.4	7.9	7.2	7.6
7	6.8	4.3	5.9	8.8	4.7	7.1	10.3	8.5	9.5	8.0	7.0	7.7
8	8.0	6.1	6.8	7.6	4.6	5.7	11.6	9.2	9.7	7.9	7.0	7.6
9	7.0	5.0	5.9	8.6	4.3	6.7	13.2	5.6	9.1	8.0	7.7	7.8
10	7.3	4.0	5.7	8.3	6.0	7.4	13.5	6.4	8.8	8.1	6.9	7.7
11	8.2	4.0	5.5	9.4	8.2	8.6	11.0	7.0	8.6	8.0	7.8	7.9
12	6.8	6.2	6.6	9.1	7.7	8.2	8.8	5.9	7.7	7.9	7.6	7.8
13	7.2	6.8	7.1	9.4	5.7	8.2	11.8	8.8	9.6	7.7	7.3	7.5
14	7.7	7.1	7.3	8.2	4.8	6.4	12.3	8.7	10.2	8.0	7.6	7.8
15	8.4	7.3	7.7	7.3	4.9	6.8	10.4	7.3	9.1	13.1	8.4	11.2
16	7.9	7.3	7.6	8.0	6.8	7.3	11.2	7.2	9.6	13.4	10.1	12.0
17	8.0	7.1	7.4	8.4	5.4	6.9	11.9	7.8	9.8	9.9	8.8	9.3
18	8.2	7.2	7.5	9.0	7.8	8.3	11.6	5.8	8.5	8.9	8.2	8.7
19	8.4	7.3	7.8	9.3	8.3	8.6	10.1	7.2	9.2	9.2	8.4	9.0
20	8.4	7.2	7.5	9.4	6.8	8.0	10.0	5.9	7.8	10.0	8.8	9.4
21	8.6	7.1	8.0	---	---	---	12.1	6.5	9.6	9.7	9.2	9.5
22	9.2	7.9	8.4	---	---	---	10.0	6.5	8.3	9.7	9.3	9.5
23	8.6	6.3	7.9	---	---	---	9.9	6.8	8.5	9.6	9.1	9.4
24	8.4	5.8	7.6	9.1	7.5	8.4	10.1	7.3	8.8	9.5	9.1	9.3
25	9.0	5.5	7.7	10.5	8.2	8.8	9.5	6.7	8.6	9.3	9.0	9.2
26	9.0	7.0	8.0	10.0	8.5	9.0	9.2	7.2	8.4	9.2	8.8	9.0
27	8.4	5.1	7.2	11.8	8.5	9.4	9.0	8.2	8.5	9.3	8.8	9.0
28	8.9	6.1	7.4	10.7	7.8	8.9	10.0	7.5	9.3	9.0	8.7	8.9
29	8.4	4.6	7.3	10.1	7.2	9.0	10.0	7.4	8.4	9.0	8.7	8.9
30	8.8	7.7	8.1	10.6	8.7	9.5	8.2	6.5	7.4	9.0	8.7	8.8
31	7.8	3.9	7.2	---	---	---	7.8	5.8	6.9	8.9	8.5	8.7
MONTH	9.2	2.2	7.0	11.8	4.3	8.0	13.5	5.6	8.8	13.4	5.6	8.8

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	10.5	6.1	7.4	7.6	4.9	6.6	7.0	4.2	5.4	5.7	5.2	5.4
2	9.6	5.8	7.1	7.6	4.7	5.8	8.0	4.1	5.8	5.5	5.0	5.3
3	8.9	5.4	7.2	7.4	4.6	6.1	8.8	3.9	5.7	5.4	4.7	5.0
4	8.0	5.9	7.1	6.8	5.1	5.9	7.8	4.1	5.4	5.2	4.6	5.0
5	8.3	5.7	6.9	8.4	4.9	6.6	8.6	4.3	5.7	6.4	5.0	5.6
6	7.1	5.1	6.2	8.7	5.9	7.3	9.4	4.5	6.0	7.2	5.3	6.1
7	8.3	5.2	6.2	9.0	6.0	7.0	10.2	4.7	6.9	7.1	5.8	6.3
8	8.0	5.3	5.9	9.6	5.0	6.6	9.2	4.5	6.2	6.5	6.0	6.1
9	5.9	4.7	5.4	8.8	5.6	7.0	8.7	3.9	5.6	6.3	5.9	6.1
10	7.5	5.6	6.8	8.6	5.2	6.6	9.0	4.3	6.2	6.8	5.8	6.2
11	8.6	6.6	7.5	7.7	4.8	5.9	7.3	3.6	5.4	8.1	6.0	6.5
12	8.3	5.9	7.0	7.1	4.2	5.2	8.7	4.4	5.6	6.3	5.6	6.0
13	8.7	5.1	6.5	8.0	4.8	6.5	9.1	4.9	6.2	8.5	5.5	6.1
14	9.2	5.3	6.8	8.4	5.0	5.9	8.4	5.0	6.7	7.8	5.6	6.3
15	12.0	5.5	8.4	8.3	5.2	6.0	6.8	3.6	5.2	7.3	5.6	6.6
16	11.9	5.3	8.4	7.7	4.4	5.9	7.2	4.5	5.5	6.9	6.0	6.6
17	9.0	5.5	6.9	7.0	4.3	5.0	7.4	3.9	5.2	6.3	5.4	5.8
18	10.2	5.3	7.5	5.3	4.0	4.6	7.0	4.1	5.1	6.0	5.5	5.8
19	8.2	4.8	6.9	8.1	4.3	5.5	5.5	3.7	4.5	6.2	5.8	5.9
20	7.8	4.2	5.9	5.3	4.2	4.8	6.8	3.5	4.5	6.0	5.7	5.8
21	8.8	4.2	6.0	6.4	4.3	5.1	8.5	3.9	5.8	8.0	5.6	6.1
22	8.9	4.5	6.0	7.6	4.9	5.8	7.2	5.0	6.4	7.8	5.9	6.5
23	9.1	4.1	5.9	8.1	4.7	6.1	6.8	4.0	5.5	6.7	5.8	6.1
24	8.0	4.4	6.7	8.4	4.7	6.7	5.3	3.7	4.6	6.3	5.6	5.8
25	8.4	4.4	6.2	8.7	4.8	6.1	6.2	4.4	5.2	7.8	5.4	6.3
26	8.6	4.1	5.9	7.5	4.9	5.7	7.1	4.0	5.3	7.3	6.0	6.6
27	7.7	4.9	6.4	7.4	4.6	5.5	5.1	3.8	4.4	7.4	6.0	6.4
28	8.6	4.6	6.5	7.9	4.5	6.1	5.3	4.0	4.9	7.1	6.0	6.3
29	5.6	4.3	5.0	7.5	5.3	6.0	5.3	4.4	4.9	6.5	5.9	6.2
30	7.5	4.8	6.5	7.0	3.9	5.2	6.9	4.2	5.1	6.7	6.0	6.2
31	---	---	---	8.0	3.8	5.7	5.6	5.2	5.4	---	---	---
MONTH	12.0	4.1	6.6	9.6	3.8	6.0	10.2	3.5	5.5	8.5	4.6	6.0
YEAR	13.5	2.2	7.8									

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

GAGE.--Water-stage recorder. Datum of gage is 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 CURRENT YEAR.--Maximum elevation 266.98 ft, July 8; minimum, 254.65 ft, Aug. 21.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261.52	261.42	262.76	263.20	261.38	262.35	261.29	260.39	260.77	263.28	263.98	260.90
2	262.36	262.55	263.55	263.38	260.84	263.45	261.41	261.90	262.77	264.94	262.22	263.35
3	262.95	266.01	263.41	262.65	260.00	262.25	259.88	261.61	261.83	261.81	261.11	263.29
4	261.74	265.41	262.02	262.91	260.55	262.68	264.84	261.98	261.75	264.51	261.28	262.21
5	260.61	263.77	262.81	262.51	263.72	262.18	265.01	261.99	261.71	264.61	261.70	263.75
6	260.61	263.65	261.26	261.74	261.36	261.60	264.04	262.19	264.62	263.61	262.81	263.85
7	261.20	262.31	262.10	261.11	260.24	261.95	264.28	262.11	264.87	264.91	259.56	263.85
8	262.85	262.82	263.20	260.81	259.91	262.01	264.62	261.12	262.41	264.98	261.51	263.02
9	263.30	262.11	262.02	261.51	260.10	262.01	264.18	260.32	262.22	261.51	263.64	261.22
10	262.30	263.72	261.04	260.11	260.61	260.11	260.51	261.09	260.98	259.32	263.45	263.12
11	260.36	264.91	262.52	259.85	260.41	262.06	261.02	261.48	263.62	260.24	260.91	264.28
12	263.10	265.14	261.95	261.94	258.41	262.66	261.98	262.80	262.59	260.65	265.01	263.45
13	264.95	264.41	261.14	260.64	260.41	261.00	261.71	262.55	262.10	261.31	261.86	264.24
14	263.70	263.65	261.65	262.91	261.01	261.15	261.41	263.64	260.00	264.11	258.56	264.76
15	261.38	262.25	260.31	261.51	260.26	260.28	262.20	261.73	261.70	265.26	260.35	262.15
16	263.38	260.86	262.52	262.65	260.70	261.24	262.05	260.58	261.21	263.11	262.71	263.21
17	262.90	259.71	263.51	262.18	260.70	260.95	259.51	261.40	263.31	261.61	262.90	262.05
18	261.90	261.01	263.71	261.64	260.01	261.45	261.05	262.29	263.61	265.61	263.55	261.66
19	262.18	264.15	263.31	262.40	257.71	261.00	261.51	264.46	262.01	264.01	263.12	264.08
20	264.26	262.78	262.15	262.90	259.34	261.55	260.25	264.39	263.21	262.81	262.55	264.71
21	262.54	266.01	262.06	262.05	260.01	262.51	262.48	263.63	263.21	261.01	259.41	262.18
22	264.05	263.31	261.35	262.25	261.24	262.84	264.35	260.30	262.65	261.88	259.25	261.64
23	262.61	263.60	261.94	261.95	260.41	261.50	262.01	262.94	262.50	263.78	260.66	264.44
24	262.01	261.61	261.71	261.51	259.16	262.51	260.44	261.88	261.60	261.34	260.85	264.56
25	262.26	263.71	259.91	260.70	259.98	262.66	260.48	263.04	262.15	260.55	260.81	264.26
26	262.60	261.78	263.55	260.78	261.08	263.21	262.28	262.93	260.18	262.94	262.92	261.41
27	263.65	265.01	262.01	261.25	261.24	262.56	261.75	262.81	261.71	261.41	259.25	261.65
28	262.24	264.04	265.25	260.88	261.01	263.34	261.75	262.95	262.31	263.82	260.18	262.85
29	263.64	262.81	264.95	262.29	261.72	263.54	261.70	262.12	263.82	264.95	260.98	262.01
30	262.04	262.16	264.71	261.65	---	263.44	261.08	259.69	262.71	265.29	258.96	263.12
31	261.75	---	264.44	259.58	---	263.92	---	260.88	---	264.96	259.58	---
MAX	264.95	266.01	265.25	263.38	263.72	263.92	265.01	264.46	264.87	265.61	265.01	264.76
MIN	260.36	259.71	259.91	259.58	257.71	260.11	259.51	259.69	260.00	259.32	258.56	260.90
(+)	5.05	5.49	8.27	2.92	5.02	7.60	4.38	4.18	6.15	8.95	2.92	6.64
(*)	-61.4	22.7	138.7	-267.0	112.0	128.8	-166.1	-10.0	101.6	139.7	-301.0	191.8

CAL YR 1987 * 13.1 MAX 266.31 MIN 257.64
WTR YR 1988 * 1.5 MAX 266.01 MIN 257.71

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

LOCATION.--Lat 34°15'38'', long 81°19'50'', Fairfield County, Hydrologic Unit 03050106, 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.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1987 to September 1988.

GAGE.--Water-stage recorder. Datum of gage is 200 ft above National Geodetic Vertical Datum of 1929. Data prior to October 1987 are in files of the US Geological Survey.

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

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 227.60 ft, Jan. 22; minimum, 219.38 ft, Aug. 18.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	222.00	220.77	222.01	220.83	222.98	220.84	223.51	222.72	223.10	219.99	221.51	221.39
2	222.02	219.68	222.02	220.84	220.93	220.83	223.07	222.71	222.91	219.62	222.40	221.42
3	220.79	220.71	223.62	221.47	222.02	220.84	222.98	222.72	222.94	222.79	222.84	222.28
4	221.93	220.70	222.69	220.77	222.91	221.03	224.14	222.35	222.94	222.86	222.89	221.24
5	222.05	221.87	220.87	220.78	222.88	221.51	223.80	222.80	223.57	221.17	222.86	222.74
6	222.01	221.91	220.89	219.66	221.59	221.44	224.82	222.79	223.62	222.74	222.86	221.45
7	221.96	220.80	220.82	220.77	221.62	221.47	223.53	222.77	222.95	222.75	221.50	220.96
8	220.87	220.77	220.84	220.78	221.57	221.42	222.94	221.66	222.96	222.88	221.51	221.44
9	220.82	219.62	221.92	220.80	222.07	221.41	222.93	222.85	222.97	222.88	222.45	221.45
10	220.81	220.77	221.53	221.43	222.85	221.97	222.93	222.84	223.00	222.54	223.43	222.36
11	220.86	220.77	222.46	221.45	222.97	221.19	222.97	222.52	222.96	222.83	223.04	221.64
12	220.87	220.77	222.75	221.43	222.88	222.76	222.97	220.88	223.06	221.46	223.32	222.91
13	221.96	220.69	222.83	221.90	222.87	221.51	222.13	220.82	223.06	220.89	223.02	222.87
14	220.76	220.70	221.91	221.84	221.61	221.49	222.84	221.90	220.94	220.85	223.08	222.19
15	222.84	220.69	221.93	221.82	222.94	221.46	223.81	222.36	222.92	220.85	223.07	222.11
16	220.86	220.16	222.45	221.87	222.99	222.79	222.92	222.77	222.92	222.82	223.05	221.52
17	220.82	220.79	222.50	221.54	222.95	222.76	222.85	222.76	222.97	222.84	221.81	221.63
18	220.84	220.77	221.57	220.86	222.88	221.22	223.81	222.75	222.97	222.07	222.98	221.16
19	221.51	220.81	221.53	220.79	222.85	222.70	225.34	222.84	223.03	221.08	223.05	222.92
20	221.98	221.41	222.07	220.78	222.84	222.69	226.36	222.46	223.13	222.17	223.08	221.99
21	222.01	220.80	221.71	221.41	222.91	221.79	226.94	224.41	222.12	222.01	222.04	220.83
22	220.85	220.76	221.64	221.43	222.89	222.83	227.60	225.52	222.17	221.99	222.44	221.39
23	220.84	220.76	221.54	221.41	222.89	221.42	227.03	222.93	222.48	221.98	223.36	222.36
24	220.84	220.79	222.03	221.47	222.88	222.80	222.98	222.84	222.61	222.45	223.43	222.21
25	220.82	220.80	222.08	221.50	223.00	222.79	224.78	221.06	222.60	219.45	222.28	220.92
26	221.51	220.80	222.04	221.92	222.98	220.76	224.50	222.90	222.08	221.35	222.22	221.99
27	222.00	221.46	222.11	221.88	222.86	221.90	223.01	222.82	222.01	221.91	222.24	222.06
28	222.47	221.88	222.82	221.87	224.76	222.10	222.99	221.44	222.03	221.42	223.06	222.07
29	221.01	220.76	224.29	222.68	226.81	222.66	222.94	221.16	221.54	221.41	223.05	222.84
30	222.01	220.77	223.85	222.83	224.49	222.68	222.88	222.77	---	---	223.03	222.09
31	222.03	221.93	---	---	224.08	222.69	222.96	222.79	---	---	222.64	221.54
MONTH	222.84	219.62	224.29	219.66	226.81	220.76	227.60	220.82	223.62	219.45	223.43	220.83

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

ELEVATION (FEET NGVD), 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	222.62	222.45	222.71	221.52	220.98	220.85	220.89	220.40	222.37	220.75	220.58	220.47
2	222.60	222.12	221.63	221.50	221.68	220.83	220.89	220.82	221.05	219.83	220.60	220.52
3	222.24	221.17	223.58	221.52	220.93	220.24	220.87	220.80	220.94	220.77	220.62	220.53
4	221.35	221.08	221.60	221.48	220.84	220.77	220.91	220.79	220.91	220.75	220.86	220.54
5	222.54	220.98	222.71	221.49	220.82	220.78	220.88	220.79	220.93	220.79	220.87	220.77
6	222.61	222.39	222.68	221.50	221.33	220.77	220.88	220.79	220.93	220.78	221.52	220.79
7	222.62	222.45	221.61	221.47	220.91	220.80	221.12	220.78	220.88	220.77	221.53	221.43
8	224.35	222.46	222.73	221.51	220.90	220.80	227.03	219.85	220.91	220.77	222.63	221.43
9	223.82	222.42	222.73	221.72	220.89	220.81	220.94	220.76	220.91	220.76	222.69	222.46
10	222.69	221.26	221.93	221.54	221.55	219.78	220.87	220.85	220.92	220.73	222.67	220.83
11	222.31	221.17	221.61	221.50	221.58	221.46	220.91	219.48	220.95	220.77	220.88	220.81
12	223.27	222.15	221.62	221.43	221.55	221.42	220.91	220.86	221.56	220.76	220.89	220.76
13	223.73	221.50	221.59	221.17	221.59	221.45	220.91	220.84	220.91	220.78	220.90	220.73
14	223.43	222.56	221.58	221.47	221.58	219.58	220.91	220.78	220.88	220.80	221.28	220.77
15	223.49	222.01	221.60	221.43	220.96	219.65	221.55	219.49	220.99	220.82	220.87	220.73
16	223.44	223.25	221.61	221.51	220.88	220.80	220.90	220.77	220.96	219.51	220.86	220.82
17	223.44	223.21	221.63	221.51	220.89	219.64	220.89	220.80	220.93	219.46	220.89	220.83
18	223.38	221.18	221.62	221.50	220.83	220.79	223.03	220.78	220.87	219.38	222.10	220.84
19	222.70	222.44	222.06	221.49	220.84	220.79	220.98	220.77	220.89	219.43	222.09	220.87
20	222.70	221.64	222.06	220.34	221.97	220.78	220.89	220.75	220.89	219.45	222.85	220.85
21	222.71	222.50	222.11	221.92	222.05	221.38	220.90	220.79	220.91	219.43	222.74	222.49
22	222.71	221.43	222.17	221.60	222.06	220.79	220.93	220.16	220.99	219.45	222.68	220.78
23	222.70	222.49	221.67	221.46	222.06	220.81	220.88	220.77	220.94	220.34	220.90	220.75
24	222.69	222.56	221.67	221.41	222.12	220.82	220.84	220.76	220.61	220.49	220.86	220.76
25	222.76	222.56	221.66	221.42	220.89	220.80	220.88	219.50	220.60	220.46	220.86	220.75
26	222.77	221.69	221.63	221.48	220.89	220.78	221.68	220.78	220.62	220.47	220.86	220.76
27	222.70	222.16	221.60	221.09	220.93	220.79	221.72	220.77	220.59	220.47	220.89	220.76
28	222.26	222.12	221.60	221.44	220.93	220.80	221.58	220.80	220.56	220.46	220.89	220.76
29	222.68	221.19	221.57	221.49	221.30	220.78	220.87	219.72	220.60	220.49	220.89	220.78
30	222.71	221.54	221.62	221.47	220.90	220.79	220.88	220.76	220.56	220.45	220.87	220.77
31	---	---	221.67	220.92	---	---	221.21	220.76	220.55	220.48	---	---
MONTH	224.35	220.98	223.58	220.34	222.12	219.58	227.03	219.48	222.37	219.38	222.85	220.47

YEAR MAXIMUM 227.60 MINIMUM 219.38

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, 151 microsiemens Aug. 15, Sept. 1; minimum, 63 microsiemens, Jan. 24.
pH: Maximum, 8.2 units, June 13, Sept. 8; minimum 5.2 units, Nov. 11, 12.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 18; minimum, 0.5°C, Jan. 11.
DISSOLVED OXYGEN: Maximum, 14.3 mg/L, several days in Jan.; minimum, 3.8 mg/L, July 15, Aug. 19.

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	116	107	111	122	115	119	102	100	101	77	72	74
2	130	114	121	123	120	122	103	101	102	87	77	79
3	125	109	118	122	109	117	102	101	102	95	86	89
4	122	115	118	110	105	107	102	99	101	97	86	92
5	125	108	118	109	107	108	102	99	101	92	79	86
6	114	107	110	112	108	109	102	101	102	90	77	83
7	111	105	107	111	105	109	101	100	101	96	81	87
8	108	105	107	113	108	110	103	101	102	97	85	90
9	105	102	104	123	113	118	103	102	103	97	87	91
10	105	102	104	125	122	123	108	103	105	92	88	89
11	109	103	106	123	106	116	111	105	108	95	88	91
12	115	105	111	110	105	107	110	104	105	97	88	92
13	105	99	102	114	109	111	108	106	107	98	91	95
14	101	98	100	115	109	111	111	108	110	96	92	94
15	102	99	100	116	114	115	108	104	106	97	93	96
16	104	100	101	115	112	114	106	104	105	96	92	94
17	103	101	102	112	106	109	105	100	102	96	94	95
18	102	101	101	107	105	106	101	95	98	97	95	96
19	120	102	109	107	105	106	97	86	92	98	91	95
20	116	105	110	111	107	108	89	86	87	94	78	86
21	107	104	105	---	---	---	94	87	89	81	68	73
22	111	106	109	---	---	---	98	93	95	91	65	69
23	110	107	109	---	---	---	96	92	95	90	64	69
24	108	107	107	---	---	---	97	95	96	69	63	66
25	112	107	109	---	---	---	101	95	98	85	66	69
26	125	113	119	105	103	104	102	101	101	91	74	85
27	139	126	134	115	103	109	102	100	101	93	79	84
28	127	122	124	109	103	105	103	96	99	91	84	89
29	122	119	121	119	100	111	103	81	98	93	84	87
30	120	113	118	103	97	100	94	71	87	93	89	90
31	116	109	112	---	---	---	74	68	70	93	90	91
MONTH	139	98	111	125	97	111	111	68	99	98	63	86

02160991 BROAD RIVER NEAR JENKINSVILLE, 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	96	90	94	102	99	101	96	95	95	111	109	110
2	97	95	96	103	102	103	98	95	97	112	110	111
3	98	95	96	102	101	101	99	97	98	112	107	109
4	98	92	97	101	96	100	103	98	100	114	110	112
5	96	90	93	99	94	97	101	98	99	115	111	113
6	94	90	92	101	96	98	102	98	99	124	111	115
7	95	89	91	101	101	101	103	101	102	123	118	120
8	93	91	92	103	101	103	101	96	99	119	114	118
9	93	90	92	105	102	104	96	90	94	122	109	114
10	97	93	95	106	102	105	93	90	91	123	110	115
11	97	92	94	109	101	107	96	92	94	118	110	113
12	94	88	90	105	98	102	96	93	94	116	110	112
13	91	88	90	98	95	97	96	83	92	117	110	111
14	93	91	92	96	94	95	87	82	84	116	112	114
15	99	93	95	96	94	95	93	83	87	117	106	111
16	100	96	99	96	94	95	95	85	91	123	114	119
17	103	96	99	95	94	95	94	86	90	121	114	117
18	101	96	98	95	94	94	96	88	92	119	112	115
19	102	96	99	97	94	94	98	95	96	118	111	114
20	101	96	98	100	96	98	98	95	97	114	110	111
21	97	96	97	99	96	98	98	93	95	117	111	114
22	99	96	97	99	96	98	101	98	100	127	111	116
23	101	96	98	98	95	96	102	100	101	128	110	117
24	106	101	103	98	95	96	105	101	103	117	111	113
25	106	97	102	95	94	95	110	105	107	116	109	112
26	99	97	98	95	94	95	111	107	109	121	109	112
27	100	95	97	101	95	98	111	106	108	119	109	114
28	102	100	101	100	97	99	110	109	109	119	112	116
29	101	99	100	99	96	97	110	106	108	121	116	119
30	---	---	---	96	95	96	110	107	108	128	119	121
31	---	---	---	96	95	95	---	---	---	133	114	126
MONTH	106	88	96	109	94	98	111	82	98	133	106	115

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	122	113	116	117	111	114	132	120	123	147	126	131
2	120	112	115	123	115	117	135	121	124	132	127	129
3	116	112	114	123	114	118	134	122	127	128	124	126
4	114	111	112	122	113	116	131	121	125	130	123	127
5	115	111	114	119	115	117	138	123	127	129	123	125
6	120	113	115	117	113	114	134	---	128	127	123	125
7	116	111	113	119	113	115	---	---	---	127	123	124
8	112	109	110	122	112	117	---	---	---	132	125	127
9	119	110	112	122	113	116	---	---	---	132	122	127
10	118	110	112	118	115	117	---	---	---	131	120	127
11	120	113	117	124	115	118	136	123	129	122	118	120
12	114	108	110	125	117	119	135	125	128	120	117	119
13	119	108	111	125	119	121	136	122	125	117	115	116
14	124	113	116	129	118	121	133	124	128	116	114	115
15	123	113	118	129	120	122	151	123	130	115	113	114
16	118	114	115	123	118	120	134	121	128	116	113	114
17	131	116	119	125	119	121	135	124	128	115	113	114
18	123	112	117	127	119	121	133	124	127	126	112	116
19	116	114	114	126	118	120	132	122	126	130	122	126
20	129	115	118	123	119	120	129	121	124	125	119	122
21	123	113	117	127	120	122	136	121	125	125	118	120
22	126	112	116	129	120	123	145	123	129	125	118	120
23	119	112	114	130	121	124	147	125	132	124	118	121
24	129	111	117	126	120	123	137	126	130	124	119	122
25	121	113	117	137	119	124	143	125	130	124	120	122
26	124	115	117	139	122	128	137	123	129	123	119	121
27	133	118	123	135	122	125	129	121	124	130	119	122
28	127	118	122	138	123	128	132	121	125	127	123	125
29	119	113	115	127	122	123	133	126	129	126	122	124
30	114	111	112	127	121	123	140	124	128	125	122	123
31	---	---	---	126	122	123	143	121	130	---	---	---
MONTH	133	108	115	139	111	120	151	120	127	147	112	122
YEAR	151	63	108									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	7.2	6.1	5.7	6.8	6.0	6.4	6.3	6.5	6.3	7.1	6.7
2	7.4	7.3	5.9	5.7	6.6	6.3	6.5	6.3	6.5	6.3	7.1	6.7
3	7.4	7.3	6.0	5.6	6.6	6.3	6.6	6.4	6.4	6.4	7.0	6.8
4	7.4	7.3	5.7	5.5	6.3	6.0	6.5	6.4	6.5	6.3	6.8	6.6
5	7.3	7.1	5.5	5.4	6.8	6.1	6.5	6.4	6.6	6.3	---	---
6	7.2	7.1	5.5	5.4	6.8	6.6	6.5	6.4	6.6	6.5	---	---
7	7.2	7.1	5.4	5.3	6.6	6.4	6.7	6.5	6.6	6.5	---	---
8	7.2	7.1	5.4	5.3	6.7	6.3	6.7	6.5	6.7	6.6	---	---
9	7.2	7.0	5.6	5.4	6.7	6.3	6.7	6.6	6.6	6.4	6.8	6.6
10	7.0	6.8	5.5	5.3	6.7	6.2	6.7	6.6	6.6	6.5	6.8	6.5
11	6.8	6.6	5.4	5.2	6.6	6.1	6.7	6.6	6.7	6.6	6.9	6.7
12	6.7	6.5	5.8	5.2	6.6	6.4	6.7	6.6	6.9	6.6	7.0	6.6
13	6.8	6.4	6.0	5.7	6.6	6.4	6.7	6.4	6.9	6.7	6.9	6.6
14	6.5	6.4	6.0	5.9	6.7	6.6	6.7	6.7	6.9	6.7	6.8	6.7
15	6.7	6.4	6.2	5.8	6.7	6.3	6.7	6.5	6.8	6.7	6.9	6.8
16	6.3	6.2	6.1	5.8	6.4	6.2	6.6	6.5	6.9	6.7	7.0	6.7
17	6.3	6.2	6.2	6.0	6.4	6.2	6.6	6.5	6.8	6.7	6.7	6.6
18	6.3	6.0	6.7	6.2	6.5	6.2	6.6	6.3	7.0	6.7	6.7	6.6
19	6.7	6.0	6.9	6.4	6.5	6.3	6.5	6.3	7.0	6.7	6.9	6.7
20	7.0	6.7	6.9	6.5	6.5	6.3	6.4	6.2	7.0	6.6	7.0	6.8
21	6.9	6.7	---	---	6.5	6.3	6.3	6.0	7.0	6.7	6.9	6.7
22	6.7	6.6	---	---	6.5	6.2	6.2	5.9	7.0	6.7	7.0	6.8
23	6.6	6.3	---	---	6.5	6.4	6.2	6.0	7.1	6.8	7.0	6.6
24	6.5	6.1	---	---	6.5	6.4	6.1	6.0	7.2	6.8	7.0	6.7
25	6.1	5.8	---	---	6.4	6.2	6.4	6.0	7.1	6.7	7.1	6.8
26	6.4	5.8	7.2	7.1	6.2	5.8	6.5	6.3	7.2	6.8	7.3	6.8
27	6.9	5.9	7.1	6.9	6.2	6.1	6.4	6.2	7.2	7.1	7.0	6.8
28	6.7	6.2	7.0	6.8	6.4	6.2	6.4	6.2	7.3	7.0	6.9	6.7
29	6.3	6.1	7.0	6.7	6.7	6.3	6.4	6.2	7.2	6.9	7.0	6.7
30	6.5	6.1	6.7	6.0	6.5	6.3	6.5	6.3	---	---	7.0	6.7
31	6.3	5.9	---	---	6.4	6.3	6.5	6.3	---	---	6.9	6.8
MONTH	7.4	5.8	---	---	6.8	5.8	6.7	5.9	7.3	6.3	---	---

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	7.0	7.1	7.0	7.5	7.2	7.5	7.4	7.4	7.2
2	7.1	6.8	7.3	7.0	7.0	6.9	7.3	7.2	7.5	7.4	7.5	7.3
3	6.9	6.7	7.2	7.1	7.1	7.0	7.3	7.2	7.5	7.3	7.5	7.3
4	6.9	6.4	7.1	7.0	7.1	7.0	7.3	7.2	7.4	7.2	7.5	7.3
5	6.9	6.3	7.1	7.0	7.0	6.9	7.5	7.3	7.3	7.1	7.5	7.3
6	7.1	6.8	7.2	7.1	7.1	6.9	7.6	7.3	7.1	7.0	7.8	7.3
7	7.2	6.9	7.3	7.0	7.0	6.8	7.6	7.4	---	---	7.6	7.3
8	7.2	7.0	7.2	7.1	7.2	6.8	7.7	7.3	---	---	8.2	7.3
9	7.2	7.1	7.2	7.1	7.0	6.8	7.4	7.3	---	---	7.6	7.2
10	7.3	7.1	7.1	7.0	7.2	6.9	7.5	7.3	---	---	7.5	7.4
11	7.3	7.1	7.1	7.0	7.3	7.1	7.5	7.2	7.1	7.0	7.4	7.3
12	7.4	7.3	7.2	7.1	7.6	7.2	7.5	7.3	7.1	7.0	7.4	7.3
13	7.4	7.1	7.3	7.1	8.2	7.2	7.5	7.3	7.2	7.1	7.5	7.3
14	7.4	7.2	7.2	7.0	7.4	7.0	7.5	7.3	7.3	7.0	7.3	7.2
15	7.3	7.2	7.4	7.0	7.3	7.0	7.5	7.2	7.3	7.1	7.3	7.2
16	7.3	7.1	7.2	6.9	7.9	7.1	7.5	7.4	7.1	7.0	7.3	7.2
17	7.3	7.0	7.0	6.9	7.7	7.1	7.6	7.4	7.1	7.0	7.3	7.2
18	6.9	6.6	7.0	6.9	7.3	7.1	7.6	7.4	7.1	7.0	7.4	7.2
19	---	---	7.2	6.9	7.6	7.2	7.5	7.3	7.1	6.9	7.4	7.3
20	---	---	7.4	7.1	7.5	7.0	7.6	7.3	7.1	7.0	7.3	7.2
21	---	---	7.5	7.1	7.6	7.0	7.6	7.4	7.1	7.0	7.4	7.2
22	---	---	7.2	7.1	7.3	7.0	7.5	7.4	7.2	7.1	7.3	7.2
23	---	---	7.2	7.0	7.3	7.0	7.6	7.4	7.3	7.1	7.3	7.2
24	---	---	7.1	6.9	7.2	7.1	7.8	7.4	7.3	7.1	7.4	7.2
25	---	---	7.0	6.9	7.3	7.1	7.7	7.4	7.3	7.1	7.3	7.2
26	---	---	7.1	6.9	7.6	7.1	7.7	7.4	7.3	7.1	7.5	7.3
27	---	---	7.2	7.0	7.4	7.1	7.5	7.4	7.3	7.1	7.4	7.3
28	---	---	7.2	7.1	7.4	7.1	7.4	7.4	7.3	7.2	7.4	7.3
29	7.2	7.1	7.3	7.0	7.4	7.1	7.6	7.3	7.3	7.2	7.5	7.3
30	7.2	7.0	7.4	7.0	7.3	7.1	7.6	7.5	7.3	7.2	7.5	7.3
31	---	---	7.3	7.0	---	---	7.7	7.5	7.3	7.2	---	---
MONTH	---	---	7.5	6.9	8.2	6.8	7.8	7.2	---	---	8.2	7.2
YEAR	8.2	5.2										

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, 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	25.0	23.5	24.0	15.5	14.5	15.0	14.0	12.0	13.5	8.0	7.5	8.0
2	23.5	22.5	23.0	15.0	14.0	14.5	13.5	12.5	13.0	8.5	7.5	7.5
3	22.5	21.5	22.5	15.5	14.0	14.5	12.5	12.0	12.0	9.5	7.0	8.5
4	22.0	20.5	21.5	16.0	15.5	16.0	12.5	10.0	11.5	10.0	7.5	9.0
5	22.5	20.0	21.0	16.5	15.5	16.0	12.5	9.0	11.0	9.0	6.0	7.5
6	22.0	20.5	21.5	15.0	14.0	14.5	12.0	10.5	11.5	8.5	5.5	7.0
7	21.5	21.0	21.0	14.0	13.5	13.5	10.5	9.5	10.0	8.0	4.5	6.5
8	21.0	20.0	20.5	13.5	13.0	13.5	11.5	10.5	11.0	8.0	1.5	5.0
9	21.5	20.0	20.5	13.5	13.0	13.0	11.5	11.0	11.5	8.0	1.5	4.0
10	21.0	19.5	20.5	14.0	13.0	13.5	11.0	9.0	10.0	3.5	1.0	2.0
11	20.5	19.5	20.0	13.0	11.5	12.5	11.5	9.0	10.0	5.0	.5	1.5
12	19.5	18.0	18.5	12.5	11.5	12.0	12.5	9.5	11.5	8.0	1.0	3.5
13	19.5	18.0	19.0	11.5	11.0	11.5	10.0	9.0	9.5	8.0	3.5	6.5
14	19.5	19.0	19.0	12.0	11.0	11.5	10.0	9.0	9.5	6.5	3.5	5.0
15	20.0	18.0	19.0	10.5	9.5	10.0	12.0	9.0	11.0	8.0	3.5	6.0
16	19.5	18.5	19.0	10.0	9.0	9.0	12.0	9.0	10.0	6.5	2.5	4.0
17	20.0	19.0	19.5	9.5	8.0	8.5	11.0	9.0	10.0	6.0	2.5	4.0
18	19.5	19.0	19.0	11.5	9.5	10.5	10.0	9.0	9.5	5.0	2.5	3.0
19	19.0	17.5	18.5	11.0	10.0	10.5	9.5	6.5	8.0	7.5	3.5	5.0
20	20.0	18.0	19.0	10.5	10.0	10.0	7.0	6.5	6.5	7.0	5.5	6.0
21	20.0	18.5	19.5	---	---	---	9.0	6.0	7.0	6.5	5.0	5.5
22	18.5	17.5	17.5	---	---	---	10.5	7.5	9.5	7.5	5.5	6.0
23	18.0	17.0	17.5	---	---	---	8.0	7.0	7.5	7.0	5.5	6.0
24	17.5	17.0	17.0	---	---	---	8.5	7.5	8.0	5.5	5.0	5.5
25	17.5	17.0	17.0	---	---	---	11.0	8.0	9.0	7.0	5.0	5.5
26	17.0	16.5	16.5	15.5	14.5	15.0	11.0	10.0	10.5	7.5	4.0	6.0
27	16.5	15.5	15.5	15.0	12.5	14.0	11.5	10.5	11.5	7.5	4.0	6.0
28	16.5	16.0	16.5	15.5	14.0	15.0	13.0	10.5	11.0	7.0	4.0	6.0
29	16.5	16.0	16.0	13.5	12.0	12.5	13.0	9.5	11.5	7.0	3.5	5.0
30	17.0	16.0	16.5	14.5	12.0	13.5	11.0	9.0	10.5	7.0	4.0	5.0
31	17.5	16.0	17.0	---	---	---	8.5	8.0	8.5	5.0	3.5	4.5
MONTH	25.0	15.5	19.0	16.5	8.0	13.0	14.0	6.0	10.0	10.0	.5	5.5

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE (°C) OF WATER, 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	25.5	23.0	24.0	27.0	25.5	26.0	29.5	28.5	29.0	27.0	26.0	26.5
2	26.0	23.5	24.5	26.5	25.5	26.0	30.0	28.5	29.0	27.0	26.0	26.0
3	25.5	24.0	24.5	26.0	25.0	25.5	30.0	28.5	29.0	27.0	26.5	27.0
4	24.5	23.0	24.0	25.5	24.5	25.0	29.5	28.5	29.0	27.0	26.5	27.0
5	24.5	23.0	23.5	26.0	25.0	25.5	29.5	28.5	29.0	27.0	26.0	26.5
6	25.0	23.0	24.0	26.5	25.5	26.0	30.0	29.0	29.0	27.5	26.5	27.0
7	24.5	23.5	23.5	27.0	25.5	26.0	---	---	---	26.5	25.5	26.0
8	25.0	23.0	24.0	28.0	25.5	26.5	---	---	---	26.0	24.0	25.0
9	25.5	23.5	24.5	27.5	25.5	26.0	---	---	---	24.5	24.0	24.0
10	24.5	23.0	24.0	28.5	26.5	27.5	---	---	---	25.5	23.5	24.5
11	24.5	23.0	24.0	28.5	27.0	27.5	29.5	29.0	29.0	26.0	25.0	25.5
12	25.5	22.5	24.0	28.0	27.0	27.5	29.5	28.5	29.0	26.0	25.5	26.0
13	26.0	23.0	24.0	28.0	27.0	27.5	30.0	29.0	29.5	27.0	25.5	26.0
14	25.0	23.5	24.0	29.0	27.0	27.5	29.5	29.0	29.5	27.0	26.0	26.5
15	25.0	24.0	24.5	29.5	27.5	28.0	30.0	28.5	29.0	27.0	26.5	26.5
16	26.0	24.0	25.0	28.5	27.5	28.0	29.5	28.5	29.0	26.5	25.5	26.0
17	26.5	25.0	25.5	29.0	27.5	28.0	29.5	28.5	29.0	25.5	25.0	25.0
18	25.5	24.0	24.5	30.0	27.0	28.0	31.0	29.0	30.0	24.5	24.0	24.5
19	26.0	25.0	25.5	28.5	27.0	27.5	30.5	29.0	29.5	25.0	24.0	24.5
20	27.5	25.0	26.0	28.5	27.5	27.5	30.0	29.0	29.5	26.5	25.0	25.5
21	29.0	25.0	26.0	29.0	27.0	28.0	29.5	28.5	29.0	26.5	25.0	25.5
22	29.0	25.5	26.5	28.0	27.5	28.0	29.5	29.0	29.0	26.0	24.5	25.0
23	28.0	25.5	26.5	28.5	27.5	28.0	29.5	28.0	29.0	26.5	25.0	25.5
24	28.5	26.0	27.0	29.5	27.5	28.5	29.5	28.5	29.0	27.5	26.0	26.5
25	28.0	27.0	27.0	29.0	28.5	28.5	29.5	28.5	29.0	26.5	26.0	26.0
26	29.5	27.0	28.0	29.0	28.0	28.5	29.5	28.5	29.0	26.5	25.0	25.5
27	29.0	27.5	28.0	29.0	28.0	28.5	29.5	28.5	29.0	25.0	24.0	24.5
28	28.5	26.5	27.5	29.0	27.5	28.0	28.5	27.5	28.5	25.0	24.0	24.5
29	28.0	26.0	27.0	29.0	28.0	28.5	28.5	27.0	28.0	25.5	25.0	25.0
30	26.0	26.0	26.0	29.0	28.0	28.5	28.5	27.5	28.0	25.0	24.5	24.5
31	---	---	---	29.5	28.0	28.5	27.5	26.5	27.0	---	---	---
MONTH	29.5	22.5	25.0	30.0	24.5	27.5	31.0	26.5	29.0	27.5	23.5	25.5
YEAR	31.0	.5	17.5									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.0	6.3	6.6	7.8	7.5	7.7	8.7	8.2	8.4	11.2	10.8	11.0
2	7.3	6.5	6.8	8.2	7.7	7.9	8.7	8.4	8.5	11.4	10.8	11.1
3	7.3	6.5	6.8	8.1	7.6	7.9	9.0	8.6	8.8	11.8	10.7	11.1
4	7.6	6.9	7.2	8.3	7.6	7.9	10.1	8.7	9.2	12.3	10.8	11.4
5	7.2	6.6	7.0	8.3	7.8	8.0	10.3	9.2	9.5	12.7	11.4	12.1
6	7.3	6.3	6.8	8.0	7.7	7.8	9.7	9.2	9.4	12.9	11.6	12.3
7	7.1	6.7	6.9	8.0	7.8	7.9	10.3	9.8	10.0	13.3	11.3	12.1
8	7.5	6.8	7.1	7.9	7.7	7.8	9.9	9.6	9.8	13.7	11.1	12.5
9	7.7	6.9	7.3	8.0	7.6	7.7	10.3	9.9	10.1	13.6	11.0	12.6
10	7.8	7.0	7.3	8.1	7.7	7.9	11.8	10.2	11.0	14.3	12.7	13.6
11	7.9	7.1	7.5	8.6	7.9	8.2	11.7	10.1	11.0	14.3	12.4	13.9
12	7.6	7.0	7.3	8.3	8.1	8.2	11.2	9.2	9.9	14.1	10.4	13.0
13	7.9	7.2	7.5	8.2	8.0	8.1	11.4	10.6	11.0	13.0	10.1	11.1
14	7.8	7.3	7.5	8.1	7.9	8.0	10.6	10.1	10.5	13.4	11.5	12.3
15	7.7	7.3	7.6	8.4	8.0	8.2	10.9	9.7	10.1	14.0	11.5	12.3
16	7.6	7.3	7.4	8.8	8.3	8.5	10.7	9.2	10.0	13.9	12.0	13.2
17	7.7	7.4	7.6	9.2	8.7	9.0	10.5	9.2	9.9	14.3	12.4	13.5
18	7.9	7.4	7.6	8.8	8.3	8.5	10.7	10.0	10.4	14.3	12.5	13.8
19	8.3	7.1	7.6	8.5	8.2	8.4	11.7	10.4	10.9	12.8	10.9	12.1
20	8.3	7.7	8.1	8.7	8.3	8.5	12.0	11.6	11.7	11.7	11.0	11.3
21	8.0	7.3	7.7	---	---	---	12.2	10.9	11.8	11.3	10.6	11.1
22	8.3	7.7	8.0	---	---	---	11.5	9.9	10.6	11.4	10.3	11.2
23	8.3	8.0	8.1	---	---	---	11.5	11.2	11.3	11.2	10.3	10.9
24	8.2	7.8	8.0	---	---	---	11.1	10.5	10.7	11.1	10.8	10.9
25	8.2	7.6	7.9	---	---	---	10.6	9.5	10.3	11.2	10.3	11.0
26	8.4	7.7	8.0	8.5	8.2	8.3	10.1	9.5	9.7	11.2	10.1	10.6
27	8.3	8.1	8.2	9.4	8.5	8.9	10.1	9.2	9.5	11.3	10.0	10.6
28	8.4	7.9	8.2	9.3	8.7	8.9	10.2	9.1	9.9	11.4	10.1	10.6
29	8.1	7.9	8.0	9.7	8.7	9.4	10.7	9.1	9.6	12.1	10.4	11.4
30	8.3	7.8	8.0	8.7	8.2	8.4	10.4	9.4	9.7	12.2	10.3	11.5
31	8.0	7.6	7.8	---	---	---	11.1	10.4	10.6	12.2	11.8	12.0
MONTH	8.4	6.3	7.5	9.7	7.5	8.2	12.2	8.2	10.1	14.3	10.0	11.9

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.0	6.2	6.6	7.1	5.4	6.2	5.7	4.6	5.2	7.0	5.8	6.4
2	6.7	5.9	6.4	6.6	5.8	6.3	5.5	4.5	5.0	7.2	6.7	6.9
3	6.9	6.0	6.5	6.3	5.3	5.7	5.6	4.4	4.9	7.3	6.5	6.9
4	7.2	6.4	6.8	6.0	5.3	5.6	5.2	4.5	4.8	7.0	6.2	6.6
5	7.3	6.3	6.7	7.3	5.8	6.4	5.4	4.5	4.8	7.3	6.4	6.7
6	7.6	6.3	6.8	8.0	6.5	7.3	5.6	4.6	4.9	8.4	6.4	7.2
7	7.2	6.0	6.6	7.8	6.9	7.3	---	---	---	7.6	6.3	6.9
8	7.7	5.9	6.5	8.2	5.4	6.9	---	---	---	7.1	6.8	7.0
9	7.5	5.9	6.6	6.2	5.3	5.6	---	---	---	7.1	6.6	6.8
10	7.2	6.2	6.7	7.0	5.1	5.9	---	---	---	7.0	6.5	6.8
11	7.6	6.3	6.9	6.4	4.5	5.6	5.9	5.0	5.5	6.7	6.5	6.6
12	8.0	6.8	7.2	6.2	4.9	5.5	5.7	4.9	5.3	7.0	6.3	6.7
13	9.3	6.9	7.6	6.3	4.8	5.6	6.5	5.4	5.9	7.4	6.5	6.8
14	7.8	6.1	7.0	6.0	4.9	5.3	7.2	5.1	6.2	6.8	6.2	6.4
15	7.5	5.6	6.5	5.7	3.8	5.0	7.0	5.1	6.0	6.7	6.1	6.4
16	8.9	6.3	7.3	5.8	4.9	5.2	5.7	4.4	5.2	6.3	5.7	6.0
17	8.4	6.2	7.3	6.8	4.9	5.8	5.7	4.3	5.2	6.3	6.0	6.1
18	7.3	6.4	6.6	6.3	4.8	5.4	5.8	4.0	5.2	6.5	6.0	6.3
19	8.0	6.7	7.3	5.6	4.1	4.9	5.8	3.8	5.0	6.7	6.1	6.4
20	7.5	4.9	6.5	6.4	4.4	5.3	5.7	4.2	4.9	6.7	6.2	6.4
21	8.1	5.2	6.0	6.7	4.6	5.6	5.7	3.9	5.0	7.2	5.9	6.4
22	6.5	5.1	5.6	6.2	5.3	5.7	6.1	4.8	5.5	6.6	5.9	6.3
23	6.8	4.8	5.6	6.6	5.1	5.7	6.5	5.4	5.9	6.6	6.1	6.4
24	6.5	5.3	5.9	7.6	5.2	6.4	6.3	5.0	5.6	7.4	6.1	6.5
25	6.7	5.2	5.8	7.1	4.9	6.4	6.5	4.9	5.6	7.1	6.1	6.5
26	7.8	5.3	6.4	6.6	5.4	5.8	6.7	5.3	5.9	7.3	6.4	6.8
27	7.1	5.2	6.1	6.3	4.6	5.6	6.6	5.2	5.8	7.2	6.6	6.8
28	6.6	4.8	5.6	6.5	5.1	5.6	6.2	5.5	5.9	7.2	6.7	6.9
29	6.8	4.9	5.6	6.4	5.0	5.6	6.5	5.7	6.2	7.1	6.6	6.9
30	6.0	4.8	5.4	6.1	5.0	5.6	6.4	5.5	5.9	7.2	6.6	6.9
31	---	---	---	6.6	5.1	5.7	6.2	5.8	6.0	---	---	---
MONTH	9.3	4.8	6.5	8.2	3.8	5.8	7.2	3.8	5.5	8.4	5.7	6.6
YEAR	14.3	3.8	8.1									

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 fair. Regulation at low and median flow by powerplants above station.

AVERAGE DISCHARGE.--8 years, 5,387 ft^3/s, 15.27 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, 27,100 ft^3/s, Jan. 22, gage height 12.36 ft; minimum daily, 787 ft^3/s, Sept. 28.

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	2540	1430	4500	8030	5140	2080	4300	3140	1500	1230	1310	797
2	1790	1990	1270	6430	3890	2260	3700	2260	1530	1230	1290	812
3	1170	3590	2000	6110	5040	4250	1920	2270	1420	1210	1180	831
4	1950	1820	4000	6580	5140	4940	1740	2260	1410	1210	1170	1020
5	2560	1260	4660	7610	6130	4900	2930	3580	1390	1180	1170	1280
6	2550	1240	2160	7900	7030	4110	4150	3770	1420	1190	1160	1410
7	1320	1250	2020	7160	5030	2100	4170	2240	1440	1210	1160	1830
8	1190	1260	1980	5080	5080	2120	7770	3460	1430	5540	1160	2920
9	1170	1700	2390	4960	5090	3130	5280	3590	1420	1550	1150	4170
10	1180	2000	3390	4970	5010	4880	4190	2450	1630	1230	1150	3880
11	1200	2880	4790	5010	5080	4620	1940	2300	2100	1090	1180	1230
12	1220	3290	4730	5040	5100	5490	4720	2270	2070	1260	1760	1170
13	1760	4480	3640	2220	2260	5240	10200	2260	2100	1240	1290	1170
14	1160	2640	2050	3270	1390	5270	6670	2250	1610	1210	1180	1220
15	2760	2550	3450	6110	3600	5190	6470	2250	1700	1110	1220	1230
16	1240	3240	4970	4910	5010	3330	6460	2300	1360	1150	1050	1170
17	1200	3810	4800	4780	5030	2390	6480	2350	1350	1130	1000	1190
18	1220	1690	4540	6470	3600	2420	4330	2310	1330	1540	1070	1920
19	1660	1500	4650	9960	4250	5340	4430	2680	1330	1340	1050	2250
20	2060	2060	4680	13600	5500	4960	4420	3060	1640	1160	1070	2810
21	1590	2000	4780	21400	3050	2910	4500	3120	2270	1170	1030	3930
22	1220	2020	4880	21700	3010	3740	4360	3250	2750	1160	1080	2060
23	1230	1980	4780	14800	3440	4780	4400	2340	1910	1160	934	1150
24	1230	2270	4810	5310	4270	6430	4470	2280	2150	1130	800	1150
25	1230	2450	4980	7070	3560	3310	4630	2270	1310	1080	795	1150
26	1630	2700	2270	8370	2860	3250	4620	2270	1300	1520	795	1190
27	2330	2810	4280	5020	2820	3250	4040	2220	1310	1220	799	1170
28	3210	3700	7260	4910	2160	4660	3350	2200	1300	1540	787	1160
29	1410	8090	9640	4850	2070	5300	3160	2210	1260	1180	809	1160
30	2030	8430	7780	4860	---	5110	3670	2250	1240	1140	794	1150
31	2640	---	7400	5000	---	3770	---	2280	---	1250	831	---
TOTAL	52650	82130	133530	229490	120640	125530	137470	79740	47980	42560	33224	49580
MEAN	1698	2738	4307	7403	4160	4049	4582	2572	1599	1373	1072	1653
MAX	3210	8430	9640	21700	7030	6430	10200	3770	2750	5540	1760	4170
MIN	1160	1240	1270	2220	1390	2080	1740	2200	1240	1080	787	797

CAL YR 1987 TOTAL 2115038 MEAN 5795 MAX 96300 MIN 968
WTR YR 1988 TOTAL 1134524 MEAN 3100 MAX 21700 MIN 787

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 fair.

AVERAGE DISCHARGE.--5 years, 20.7 ft^3/s, 11.02 in/yr.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 278 ft^3/s, Apr. 12, gage height, 4.69 ft; minimum, 0.50 ft^3/s, Aug. 24-28, gage height, 0.69 ft.

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	1.2	1.3	8.4	9.3	11	9.3	8.2	5.6	1.7	.99	.98	1.4
2	1.2	1.3	6.3	41	11	8.8	7.8	5.0	1.6	.84	.92	1.3
3	1.1	1.3	5.5	67	15	8.1	7.6	4.7	1.5	.83	.89	1.4
4	1.1	1.4	5.6	118	33	7.5	7.5	5.1	1.7	.94	.94	3.5
5	1.1	1.5	4.8	40	26	6.9	6.9	6.3	1.4	.88	.96	7.8
6	1.1	1.4	4.5	22	16	6.3	6.7	4.7	1.4	.84	.93	2.8
7	1.1	1.5	4.4	16	13	5.8	6.8	4.3	1.3	.80	1.6	1.9
8	1.1	1.5	4.4	16	12	5.5	6.2	3.8	1.3	.78	1.3	1.7
9	1.1	1.6	4.4	15	11	7.0	5.9	3.6	1.3	.85	1.0	26
10	1.1	2.1	4.9	13	11	13	5.7	3.6	2.4	.80	1.1	21
11	1.1	2.9	5.1	12	11	26	5.8	3.4	1.3	.77	1.4	5.4
12	1.0	2.0	4.4	13	10	13	165	3.2	1.2	1.5	1.8	3.0
13	1.1	1.9	4.0	16	10	11	90	3.1	1.1	.97	1.3	2.4
14	1.1	1.8	4.0	29	10	9.4	30	3.0	1.1	.90	1.2	2.1
15	1.0	1.9	5.7	17	10	8.3	20	2.9	1.1	.90	1.1	1.9
16	1.0	1.9	7.0	16	10	7.6	16	3.1	1.0	1.4	1.1	1.9
17	1.0	2.8	4.9	15	9.8	7.3	13	3.2	1.0	2.7	1.1	2.9
18	1.0	6.8	4.4	57	9.8	8.1	12	3.1	1.1	1.1	1.0	23
19	1.0	2.9	4.2	82	11	20	12	2.7	1.1	.94	.96	8.6
20	1.0	2.5	4.3	144	11	14	10	2.5	1.0	.89	.87	4.4
21	1.0	2.4	5.0	70	10	11	9.2	2.4	.92	.96	.78	2.9
22	.99	2.3	33	34	9.8	9.2	8.6	2.3	.87	1.4	.60	2.3
23	1.0	2.4	19	23	9.8	8.5	8.9	2.3	.82	1.3	.54	1.9
24	1.1	2.4	12	18	9.7	8.2	18	2.4	.78	1.3	.51	1.8
25	1.2	2.5	12	20	9.5	8.3	12	3.0	.75	1.1	.50	2.1
26	1.2	4.0	12	23	9.5	13	9.2	3.1	.73	1.0	.52	5.1
27	2.3	29	10	16	9.5	20	8.0	2.2	.75	1.0	.50	2.3
28	2.5	26	15	14	9.5	12	7.0	2.1	.74	1.1	.57	1.8
29	1.3	28	23	13	9.5	10	6.3	1.9	.72	1.0	2.3	1.7
30	1.2	13	12	12	---	9.2	5.7	1.9	.78	.97	1.7	1.6
31	1.3	---	10	12	---	8.7	---	1.7	---	1.0	1.4	---
TOTAL	36.59	154.3	264.2	1013.3	348.4	321.0	536.0	102.2	34.46	32.75	32.37	147.9
MEAN	1.18	5.14	8.52	32.7	12.0	10.4	17.9	3.30	1.15	1.06	1.04	4.93
MAX	2.5	29	33	144	33	26	165	6.3	2.4	2.7	2.3	26
MIN	.99	1.3	4.0	9.3	9.5	5.5	5.7	1.7	.72	.77	.50	1.3

CAL YR 1987 TOTAL 6757.66 MEAN 18.5 MAX 687 MIN .88
WTR YR 1988 TOTAL 3023.47 MEAN 8.26 MAX 165 MIN .50

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: Oct. 14-19, and June 27 to July 15, which are poor.

AVERAGE DISCHARGE.--19 years (water years 1968-83, 1986-88), 46.2 ft^3/s, 12.83 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)
Apr. 11	1250	*689	*6.23				

Minimum, 0.1 ft^3/s, Aug. 27, gage height, 2.25 ft.

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	9.6	4.3	19	19	25	18	15	17	4.7	2.7	1.3	10
2	5.2	6.1	17	52	25	17	15	13	4.3	2.8	.72	2.8
3	4.6	4.4	15	130	122	17	15	12	4.3	3.0	.74	1.4
4	4.3	7.1	15	154	145	17	15	41	4.1	3.5	.71	1.4
5	4.1	11	14	57	67	17	14	45	4.1	4.0	.72	63
6	4.1	7.9	13	37	44	16	15	26	4.1	3.5	.71	18
7	4.1	4.6	12	31	35	16	13	20	4.1	3.0	.71	2.9
8	3.9	3.9	13	38	32	15	12	15	4.1	2.8	1.8	1.8
9	3.8	4.3	13	33	30	30	11	13	4.7	2.6	.59	43
10	3.6	8.3	14	28	27	123	11	12	4.6	2.5	.50	42
11	4.6	11	16	26	26	52	174	11	5.0	2.9	.40	15
12	5.4	5.1	16	26	28	36	206	9.1	4.3	3.2	.38	6.4
13	4.0	4.0	16	33	25	34	72	8.2	4.1	3.7	.36	3.4
14	3.5	2.5	16	51	23	26	41	8.8	3.9	3.3	.38	2.8
15	3.2	2.2	18	37	27	22	34	8.1	7.8	3.0	.36	2.5
16	3.1	3.6	22	33	29	20	29	7.3	3.9	2.6	.34	8.5
17	3.0	13	18	38	24	19	25	6.8	4.5	2.5	.35	4.4
18	3.3	22	16	160	23	58	29	10	5.9	1.9	.32	9.7
19	3.6	8.9	16	95	38	44	32	7.8	4.7	1.6	.31	8.3
20	4.6	7.3	16	232	35	30	25	6.7	6.5	1.1	.37	15
21	4.2	6.8	17	138	27	25	22	6.0	4.1	1.6	.33	9.4
22	5.9	5.9	37	66	23	22	19	5.4	3.9	1.1	.36	2.8
23	4.3	6.0	34	46	23	21	84	5.6	9.8	1.1	.35	2.4
24	4.1	6.3	25	43	22	20	45	6.3	13	1.0	.31	2.2
25	6.0	6.7	23	38	20	22	30	7.2	6.8	.93	.24	2.9
26	5.5	9.0	22	42	20	22	26	6.3	6.3	.86	.12	5.5
27	9.2	104	21	33	19	20	23	5.8	4.0	1.0	.12	3.8
28	10	73	25	29	19	18	19	5.5	3.3	1.0	.47	2.7
29	6.1	46	37	27	18	17	17	5.4	2.9	.87	25	2.2
30	4.7	24	25	26	---	17	16	5.2	2.7	.77	3.7	2.0
31	4.3	---	20	25	---	16	---	5.0	---	.78	14	---
TOTAL	149.9	429.2	601	1823	1021	847	1104	361.5	150.5	67.21	57.07	298.2
MEAN	4.84	14.3	19.4	58.8	35.2	27.3	36.8	11.7	5.02	2.17	1.84	9.94
MAX	10	104	37	232	145	123	206	45	13	4.0	25	63
MIN	3.0	2.2	12	19	18	15	11	5.0	2.7	.77	.12	1.4

CAL YR 1987 TOTAL 18116.1 MEAN 49.6 MAX 1600 MIN 2.0
WTR YR 1988 TOTAL 6909.58 MEAN 18.9 MAX 232 MIN .12

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 fair, except for estimated daily discharges: Nov. 22-25, Dec. 3 to Jan. 1, Jan. 4-22, May 13-23, 26, and June 3-21, which are poor.

AVERAGE DISCHARGE.--12 years, 9.10 ft^3/s, 21.80 in/yr.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,330 ft^3/s, Aug. 28, gage height, 8.30 ft; minimum, 1.1 ft^3/s, July 5, 6, 17-20, 24-26, Aug. 27, 28, gage height, 0.44 ft.

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	1.6	1.6	12	6.2	3.8	3.6	2.8	2.5	1.7	1.5	1.4	2.9
2	1.5	1.6	11	28	8.0	3.7	2.8	2.3	1.9	1.5	1.3	2.1
3	1.5	1.7	10	48	38	3.7	2.8	2.4	2.7	1.4	1.5	20
4	1.7	2.0	8.0	11	19	4.3	2.8	22	2.0	1.3	1.8	32
5	1.7	2.2	6.0	6.5	5.9	3.7	2.7	6.7	1.8	1.1	1.4	23
6	1.7	1.7	5.2	4.2	5.1	3.7	5.8	3.0	1.7	1.2	14	3.6
7	1.7	1.7	4.4	3.4	4.5	3.7	2.8	2.8	1.7	1.6	1.6	2.7
8	1.8	1.9	3.9	3.3	4.3	3.7	2.3	2.8	1.6	1.8	1.8	28
9	1.8	2.0	3.7	3.8	4.3	6.2	2.4	2.8	1.5	10	2.1	104
10	1.7	22	4.7	18	4.1	19	2.3	5.9	6.5	1.3	2.4	9.5
11	1.7	2.6	4.0	14	4.1	4.1	4.9	3.0	18	1.6	2.3	5.7
12	1.8	2.3	3.6	9.0	9.4	3.1	62	2.6	12	1.9	2.2	4.1
13	1.8	2.2	3.3	12	3.6	8.7	8.9	2.4	8.0	13	2.1	3.6
14	1.7	2.1	2.9	8.2	3.4	3.1	3.8	2.2	5.3	7.1	1.8	3.3
15	1.7	2.1	22	6.2	4.6	2.8	13	2.0	3.7	1.6	1.5	3.2
16	1.8	2.1	10	5.6	3.6	3.6	4.3	2.4	2.8	5.0	1.7	3.0
17	1.8	56	6.2	19	3.2	2.8	3.1	7.0	2.3	1.3	2.0	28
18	1.9	4.6	5.2	15	3.1	22	6.8	3.5	2.0	1.1	1.8	9.1
19	1.9	3.7	4.4	12	20	7.9	16	2.5	1.9	3.5	1.7	3.8
20	1.9	3.7	4.8	38	4.3	3.4	3.1	2.2	2.3	1.2	1.7	3.0
21	1.8	3.4	13	13	3.6	3.2	3.0	1.9	2.9	26	1.8	2.8
22	1.8	3.3	20	6.0	3.4	2.8	3.0	1.8	2.1	10	1.8	2.7
23	1.9	3.2	9.0	5.3	3.4	2.8	13	2.1	1.9	1.6	7.1	2.9
24	2.0	3.1	6.2	4.9	3.3	3.0	3.5	12	1.7	1.3	1.6	2.8
25	2.1	3.0	4.8	9.9	3.1	8.0	4.1	5.1	1.7	1.5	1.5	33
26	2.2	33	3.6	4.5	3.1	6.1	3.5	1.9	5.9	1.4	1.9	18
27	44	94	3.0	4.0	3.2	7.0	2.8	1.5	1.5	66	1.4	3.2
28	2.6	21	11	3.8	3.2	2.8	2.7	1.5	1.3	11	216	2.7
29	1.7	13	7.0	3.7	3.2	2.6	2.6	1.5	1.3	2.4	29	2.5
30	1.6	12	4.7	3.7	---	2.7	2.6	1.5	3.0	1.9	5.4	2.4
31	1.6	---	3.5	3.9	---	2.7	---	1.5	---	3.5	21	---
TOTAL	98.0	308.8	221.1	334.1	185.8	160.5	196.2	115.3	104.7	186.6	336.6	367.6
MEAN	3.16	10.3	7.13	10.8	6.41	5.18	6.54	3.72	3.49	6.02	10.9	12.3
MAX	44	94	22	48	38	22	62	22	18	66	216	104
MIN	1.5	1.6	2.9	3.3	3.1	2.6	2.3	1.5	1.3	1.1	1.3	2.1

CAL YR 1987 TOTAL 4089.3 MEAN 11.2 MAX 250 MIN 1.5
WTR YR 1988 TOTAL 2615.3 MEAN 7.15 MAX 216 MIN 1.1

02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

LOCATION.--Lat 34°02'00'', long 81°40'09'', 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.

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, 67.17 ft, Jan. 23, 1988; minimum, 48.93 ft, June 18, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 67.17 ft, Jan. 23; minimum, 49.17 ft, Sept. 19, 20. (Minimum may have been exceeded during period of missing record Sept. 23-30.)

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	60.58	60.10	63.73	64.26	62.47	59.61	62.22	61.10	---	---	51.09	---
2	60.58	59.76	60.28	63.69	61.35	59.35	62.85	60.08	---	---	51.18	---
3	61.03	61.56	59.21	63.84	63.09	60.58	60.34	60.21	---	---	51.11	---
4	59.76	61.52	61.37	63.58	63.28	62.56	59.42	59.36	---	---	50.95	50.33
5	61.18	59.36	63.10	63.81	63.11	62.87	61.01	60.29	---	---	51.09	51.53
6	61.09	59.70	61.12	63.58	63.90	62.85	62.73	62.40	---	---	51.03	51.09
7	60.11	60.80	59.44	63.95	62.97	60.15	62.72	60.19	---	---	50.99	51.32
8	59.77	59.28	59.18	63.56	62.93	59.37	62.94	59.53	---	---	50.95	51.37
9	60.41	60.03	59.47	63.14	62.91	59.67	63.77	62.04	---	---	50.88	53.24
10	59.82	60.91	60.49	63.12	62.84	62.25	62.50	60.07	---	---	51.07	53.49
11	59.36	60.17	62.32	63.12	62.60	63.13	60.73	60.29	---	---	51.01	51.72
12	59.59	60.87	63.05	63.15	62.72	63.31	61.18	62.16	---	---	50.97	---
13	59.69	62.58	62.88	61.01	61.58	63.23	64.30	63.06	---	---	51.66	---
14	60.21	61.96	59.48	61.55	59.26	62.90	64.17	61.55	---	---	50.76	---
15	60.18	60.42	59.73	62.71	59.60	62.52	63.76	59.47	---	---	50.97	---
16	61.09	60.56	63.02	63.12	62.45	61.74	63.64	59.43	---	---	50.92	---
17	59.27	62.33	63.14	62.99	62.49	59.61	63.60	61.89	---	---	50.74	---
18	59.93	61.08	62.71	63.10	61.94	59.42	63.03	62.50	---	---	50.86	---
19	59.40	59.12	62.83	63.81	60.97	61.93	63.00	62.21	---	---	50.93	50.05
20	60.75	59.26	63.01	64.94	63.04	63.27	62.73	62.27	---	---	51.02	49.99
21	60.58	59.82	62.75	66.46	61.96	61.81	61.97	62.31	---	---	50.91	52.75
22	59.35	59.52	62.80	66.59	60.42	60.85	61.71	62.36	---	---	---	51.87
23	60.51	59.51	62.77	65.87	60.30	61.65	61.42	---	---	50.92	---	---
24	59.71	59.55	63.08	63.65	61.89	63.31	62.13	---	---	50.94	---	---
25	59.46	60.15	63.18	63.27	61.73	62.25	62.39	---	---	49.89	---	---
26	60.06	60.71	61.94	64.27	60.59	61.36	62.71	---	---	49.71	---	---
27	61.05	61.74	60.75	62.70	60.34	61.97	62.71	---	---	51.28	---	---
28	62.09	62.58	62.99	62.25	59.92	61.53	60.92	---	---	51.09	---	---
29	61.04	63.43	63.56	62.24	59.34	63.47	61.12	---	---	51.10	---	---
30	60.26	64.32	63.69	62.18	---	63.48	61.24	---	---	50.87	---	---
31	60.91	---	63.26	62.20	---	62.28	---	---	---	50.84	---	---
MEAN	60.28	60.76	61.95	63.47	61.79	61.75	62.30	---	---	---	---	---
MAX	62.09	64.32	63.73	66.59	63.90	63.48	64.30	---	---	---	---	---
MIN	59.27	59.12	59.18	61.01	59.26	59.35	59.42	---	---	---	---	---

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, 45.77 ft, Feb. 25, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 54.56 ft, July 9; minimum, 45.77 ft, Feb. 25.

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	49.90	49.28	52.40	52.04	48.43	48.59	50.32	49.52	52.04	51.41	51.19	48.32
2	50.04	49.70	48.96	51.73	48.49	48.26	51.38	49.54	51.86	51.46	51.28	48.41
3	50.77	50.68	48.91	51.92	49.92	48.63	48.63	49.63	51.88	51.81	51.20	48.86
4	49.62	50.64	50.12	50.65	50.36	49.68	48.71	48.36	51.73	52.36	51.10	50.47
5	50.35	49.05	51.35	50.63	50.03	50.18	50.88	49.46	52.29	51.37	51.23	51.15
6	50.11	49.05	49.08	50.56	51.33	50.20	51.38	50.38	52.56	51.66	51.18	51.03
7	49.29	49.09	48.54	51.72	49.92	48.71	51.13	49.08	52.75	51.51	51.10	50.99
8	49.83	48.72	48.09	51.45	49.76	48.54	51.28	48.53	52.48	51.26	51.09	50.37
9	50.40	49.54	48.55	50.77	49.66	48.69	52.55	50.37	52.55	51.73	51.00	51.22
10	49.90	50.32	49.04	50.72	49.50	49.74	50.79	49.01	52.13	51.53	51.23	51.77
11	48.99	49.27	49.14	50.75	48.97	50.69	49.36	50.03	52.40	51.10	51.15	50.02
12	49.52	49.42	50.23	50.80	49.21	50.94	50.15	52.19	51.85	51.12	51.10	48.22
13	49.64	50.49	50.52	49.31	48.90	50.83	53.07	53.10	51.99	51.36	51.57	48.09
14	49.83	50.71	47.94	49.95	48.18	49.04	53.01	50.81	52.65	50.97	50.92	47.97
15	50.05	49.02	48.28	49.77	48.04	48.21	52.56	48.57	52.73	51.25	51.11	47.98
16	50.47	49.04	51.05	50.05	48.76	48.17	52.52	48.41	52.21	51.17	51.03	47.95
17	49.04	49.01	51.29	50.17	48.85	48.05	52.43	51.86	52.29	51.12	50.95	47.98
18	49.90	47.95	50.09	48.68	48.68	47.97	51.67	52.55	52.32	51.13	51.05	48.12
19	49.13	48.24	50.53	49.40	48.55	50.08	51.64	52.15	51.93	51.10	51.13	48.19
20	50.31	48.57	50.99	51.88	49.69	50.92	50.78	51.97	51.86	50.98	51.22	47.90
21	50.06	48.81	49.84	53.40	49.28	50.02	49.45	52.10	52.19	51.22	51.11	51.15
22	49.23	48.76	49.24	53.33	48.18	48.99	49.01	52.12	52.32	51.12	48.35	50.47
23	50.65	48.93	49.22	52.66	47.95	49.10	48.39	52.12	51.64	51.08	48.28	48.23
24	49.41	48.67	50.61	50.92	49.60	50.55	49.82	52.21	50.52	51.09	47.93	47.84
25	49.51	49.13	50.97	50.56	49.16	50.11	50.18	52.05	50.00	49.46	47.65	47.96
26	50.06	49.43	50.19	51.36	48.48	49.85	50.77	52.07	50.47	49.80	47.92	48.02
27	50.61	50.52	49.54	48.47	48.64	50.56	50.96	51.90	49.87	51.29	48.00	48.04
28	51.21	50.91	50.25	47.92	48.47	48.99	49.15	52.33	50.25	51.10	48.24	48.05
29	50.16	51.53	50.01	48.21	48.16	52.20	49.62	52.07	51.81	51.06	47.50	48.01
30	50.20	52.95	49.60	48.27	---	52.22	49.99	51.95	51.57	51.01	48.53	47.96
31	49.76	---	49.30	48.14	---	50.49	---	52.08	---	50.98	48.44	---
MEAN	49.93	49.58	49.80	50.52	49.07	49.65	50.72	50.92	51.84	51.18	50.15	49.02
MAX	51.21	52.95	52.40	53.40	51.33	52.22	53.07	53.10	52.75	52.36	51.57	51.77
MIN	48.99	47.95	47.94	47.92	47.95	47.97	48.39	48.36	49.87	49.46	47.50	47.84

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 fair. No estimated daily discharges.

AVERAGE DISCHARGES.--8 years, 48.7 ft^3/s, 31.49 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, 984 ft^3/s, gage height, 5.79 ft, Apr. 4; minimum, 12 ft^3/s, gage height 1.88 ft, Sept. 2, 3; minimum daily discharge, 12 ft^3/s, Sept. 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	20	18	21	39	45	33	32	38	21	21	17	13
2	20	18	21	37	54	33	30	37	21	18	17	12
3	19	18	22	36	55	33	121	36	20	27	15	13
4	19	18	22	41	79	37	361	39	19	28	15	49
5	19	18	20	35	61	33	109	38	19	24	136	25
6	19	17	20	33	53	32	86	35	18	20	40	18
7	19	17	20	34	49	32	70	34	18	18	32	16
8	18	17	20	35	48	31	62	33	32	17	25	15
9	18	18	27	33	46	38	55	33	33	16	22	17
10	18	84	56	32	44	36	52	33	20	20	19	17
11	18	24	35	31	43	33	54	32	18	21	19	16
12	18	18	29	32	42	32	127	30	18	21	23	16
13	18	17	26	37	40	39	86	30	17	18	18	15
14	17	16	29	34	39	33	72	30	16	19	16	14
15	17	16	115	32	54	31	65	35	16	18	17	13
16	17	16	62	31	47	31	60	33	16	18	19	14
17	17	37	44	55	42	31	55	41	16	19	20	41
18	17	25	38	74	41	33	56	33	38	17	15	27
19	17	21	34	121	45	35	66	29	38	15	14	21
20	18	20	35	239	43	31	54	28	28	15	21	19
21	17	18	34	117	40	30	51	27	21	19	24	18
22	17	17	32	86	39	29	49	26	19	21	17	15
23	18	17	29	71	39	29	48	26	19	30	16	15
24	18	17	33	64	37	29	47	27	18	61	17	15
25	18	17	50	61	36	40	44	26	21	23	16	14
26	18	17	43	53	36	39	44	25	21	20	14	14
27	20	27	45	49	36	33	43	23	18	19	13	14
28	18	31	53	47	35	31	40	23	17	18	14	13
29	18	29	46	46	34	30	39	22	17	17	15	13
30	18	24	41	45	---	30	39	21	27	20	14	13
31	18	---	38	45	---	30	---	21	---	19	14	---
TOTAL	561	667	1140	1725	1302	1017	2117	944	640	657	694	535
MEAN	18.1	22.2	36.8	55.6	44.9	32.8	70.6	30.5	21.3	21.2	22.4	17.8
MAX	20	84	115	239	79	40	361	41	38	61	136	49
MIN	17	16	20	31	34	29	30	21	16	15	13	12

CAL YR 1987 TOTAL 17269 MEAN 47.3 MAX 435 MIN 15
WTR YR 1988 TOTAL 11999 MEAN 32.8 MAX 361 MIN 12

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 43,926,956 gal per day or 68.0 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.--50 years, 992 ft^3/s, 23.19 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)
Jan. 21	0430	*3490	* 7.69

Minimum daily, 59 ft^3/s, Oct. 8.

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	152	253	438	526	588	444	502	451	331	261	94	70
2	317	278	468	591	646	464	486	460	308	217	147	240
3	153	237	349	670	638	440	475	457	260	254	267	60
4	152	119	366	683	808	478	525	469	143	154	245	82
5	132	158	318	653	943	472	1220	464	183	116	264	187
6	77	412	275	575	946	453	1360	432	261	472	1390	356
7	263	311	418	482	727	446	868	452	185	391	894	62
8	59	276	327	553	751	463	685	452	128	233	522	171
9	279	264	432	556	664	457	666	311	119	222	437	304
10	211	274	222	555	679	524	545	450	208	252	204	247
11	234	564	398	638	624	628	583	429	263	215	364	162
12	144	831	472	505	644	504	870	427	260	273	284	207
13	171	396	394	508	551	497	1310	425	259	221	268	266
14	212	341	486	503	554	517	1270	333	259	245	399	373
15	211	287	433	473	579	530	851	354	260	227	248	281
16	225	408	623	620	584	467	720	247	181	227	253	252
17	106	411	940	530	576	473	699	391	109	234	250	708
18	188	383	724	547	638	487	720	524	173	252	256	814
19	223	553	560	1240	620	526	704	330	228	304	230	1080
20	224	493	391	2120	577	625	787	368	278	152	120	733
21	242	440	447	3260	583	507	666	351	141	131	145	588
22	229	300	508	2030	584	599	672	312	180	242	259	308
23	242	294	493	1250	578	485	587	296	205	307	341	331
24	112	349	498	941	522	475	529	390	229	205	227	235
25	217	415	364	871	552	511	612	370	219	209	248	265
26	236	367	516	851	839	742	604	392	283	99	129	311
27	280	306	635	663	696	637	562	329	141	92	170	253
28	313	365	978	681	516	642	474	331	201	206	216	160
29	305	405	1610	716	459	594	513	367	239	229	239	144
30	257	291	861	497	---	469	476	331	229	100	209	260
31	228	---	708	632	---	521	---	302	---	127	230	---
TOTAL	6394	10781	16652	25920	18666	16077	21541	11997	6463	6869	9549	9510
MEAN	206	359	537	836	644	519	718	387	215	222	308	317
MAX	317	831	1610	3260	946	742	1360	524	331	472	1390	1080
MIN	59	119	222	473	459	440	474	247	109	92	94	60

CAL YR 1987 TOTAL 264369 MEAN 724 MAX 9280 MIN 59
WTR YR 1988 TOTAL 160419 MEAN 438 MAX 3260 MIN 59

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.--Records good, except for estimated daily discharges: Oct. 12-26, which are poor.

AVERAGE DISCHARGE.--31 years, (1941 to 1971, 1988) 81.7 ft^3/s, 22.83 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)
Jan. 20	0727	*1150	* 4.60				

Minimum, 10 ft^3/s, June 16-18, 28-30, gage height, 0.61 ft.

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	20	18	25	68	43	35	35	31	15	24	20	14
2	18	18	24	83	85	35	37	30	15	14	14	12
3	17	18	26	68	90	37	40	29	15	30	13	18
4	17	18	27	75	181	39	107	48	15	64	14	172
5	17	18	25	49	83	37	43	64	14	34	181	49
6	17	18	25	43	65	38	49	32	14	19	50	20
7	18	18	25	45	57	38	39	29	14	15	26	17
8	17	19	24	89	53	37	35	28	18	15	20	15
9	17	21	24	66	50	99	33	27	38	40	17	35
10	17	236	85	54	48	141	33	32	14	15	129	21
11	18	48	38	51	46	66	42	26	13	16	97	17
12	17	28	30	53	45	47	281	25	12	14	50	20
13	18	26	28	93	42	49	76	30	13	103	21	59
14	18	24	29	70	42	42	50	26	12	33	19	23
15	18	24	278	49	76	39	42	26	12	20	18	18
16	18	23	72	46	63	38	38	25	11	16	15	35
17	18	120	43	139	45	37	36	23	11	31	15	272
18	18	42	36	184	42	61	50	22	105	16	14	83
19	18	34	33	256	54	72	168	20	40	15	14	37
20	18	38	33	624	45	43	59	20	16	14	21	29
21	17	28	52	200	42	39	46	20	14	49	22	25
22	16	28	53	97	39	35	40	19	13	41	28	21
23	16	26	34	75	38	35	50	27	17	30	13	20
24	18	25	58	65	37	36	59	53	20	20	14	19
25	17	24	103	61	37	117	39	25	13	16	24	61
26	17	26	54	54	36	60	39	19	13	15	13	38
27	37	34	62	48	36	41	35	18	12	14	12	18
28	18	38	295	46	37	37	32	18	11	25	20	17
29	17	28	86	45	36	36	32	18	10	23	22	17
30	17	27	57	44	---	36	31	17	75	21	38	16
31	17	---	48	45	---	35	---	16	---	14	18	---
TOTAL	561	1093	1832	2985	1593	1537	1696	843	615	816	992	1218
MEAN	18.1	36.4	59.1	96.3	54.9	49.6	56.5	27.2	20.5	26.3	32.0	40.6
MAX	37	236	295	624	181	141	281	64	105	103	181	272
MIN	16	18	24	43	36	35	31	16	10	14	12	12

WTR YR 1988 TOTAL 15781 MEAN 43.1 MAX 624 MIN 10

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.--Records fair, except for estimated daily discharges: July 19-23, which are poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion into basin by City of Greenville above station 02163500.

AVERAGE DISCHARGE.--49 years, 348 ft^3/s, 20.03 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)
Jan. 21	1530	*1740	*8.06

Minimum discharge, 51 ft^3/s, Aug. 3, minimum daily, 61 ft^3/s, Aug. 17-19, 29.

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	96	102	160	369	204	173	216	158	102	96	75	104
2	103	101	160	458	204	176	209	152	102	123	66	80
3	96	101	160	583	347	179	205	150	102	92	63	74
4	94	103	162	519	704	187	220	152	103	88	80	118
5	91	104	162	535	941	184	419	158	103	120	94	506
6	87	103	160	390	639	178	255	210	98	129	142	346
7	90	102	157	359	461	171	234	156	95	90	134	137
8	95	102	155	334	398	172	225	144	103	71	84	121
9	99	102	160	318	367	193	202	136	104	65	66	127
10	98	126	172	277	308	467	193	135	116	81	71	136
11	98	582	322	226	268	747	191	145	107	92	73	141
12	98	310	245	216	265	496	512	139	96	88	158	122
13	97	175	174	231	221	390	1090	132	90	89	158	111
14	97	163	164	438	202	331	637	131	79	91	105	150
15	100	158	182	437	199	232	423	131	81	140	77	140
16	103	154	803	242	296	215	339	126	87	114	65	342
17	101	160	471	243	399	209	257	125	87	93	61	473
18	102	384	216	627	222	219	231	124	88	81	61	914
19	102	278	181	973	222	385	331	122	140	81	61	682
20	103	176	172	1210	293	503	688	120	120	75	67	228
21	105	179	169	1630	233	285	383	118	110	76	64	175
22	106	165	196	1120	189	224	254	115	100	75	87	157
23	106	158	236	769	184	208	210	112	97	131	84	147
24	106	158	177	594	191	203	204	112	83	114	91	142
25	106	161	194	495	184	208	250	141	96	101	78	137
26	105	161	472	442	180	544	185	140	95	78	70	134
27	107	175	214	389	181	638	180	116	99	73	74	193
28	118	182	421	329	176	351	172	113	77	78	65	128
29	123	183	1350	292	174	262	167	111	69	76	61	108
30	106	169	746	251	---	236	161	107	77	95	89	101
31	103	---	460	223	---	226	---	104	---	88	93	---
TOTAL	3141	5277	9173	15519	8852	9192	9243	4135	2906	2884	2617	6474
MEAN	101	176	296	501	305	297	308	133	96.9	93.0	84.4	216
MAX	123	582	1350	1630	941	747	1090	210	140	140	158	914
MIN	87	101	155	216	174	171	161	104	69	65	61	74

CAL YR 1987 TOTAL 110461 MEAN 303 MAX 4700 MIN 57
WTR YR 1988 TOTAL 79413 MEAN 217 MAX 1630 MIN 61

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, 438.87 ft, Sept. 19; minimum, 431.92 ft, Feb. 13.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.47	438.29	438.46	436.85	432.02	433.05	436.62	437.42	438.54	438.28	438.07	438.12
2	438.48	438.30	438.41	436.70	432.01	433.09	436.71	437.42	438.55	438.28	438.07	438.10
3	438.47	438.32	438.32	436.64	432.01	433.09	436.77	437.41	438.53	438.28	438.04	438.13
4	438.42	438.31	438.28	436.35	431.95	433.09	436.67	437.41	438.49	438.29	438.07	438.15
5	438.38	438.31	438.22	436.18	432.01	433.09	436.64	437.52	438.46	438.26	438.10	438.20
6	438.35	438.32	438.21	436.09	432.07	433.09	436.92	437.59	438.46	438.33	438.31	438.27
7	438.34	438.34	438.20	435.85	432.05	433.09	436.77	437.64	438.44	438.36	438.46	438.22
8	438.31	438.35	438.09	435.69	431.97	433.09	436.77	437.68	438.41	438.35	438.54	438.19
9	438.33	438.34	438.07	435.56	431.96	433.88	436.90	437.70	438.41	438.34	438.54	438.34
10	438.32	438.43	438.01	435.39	431.93	434.07	436.90	437.81	438.38	438.37	438.50	438.35
11	438.31	438.51	437.99	435.23	432.00	434.24	436.99	437.87	438.38	438.36	438.54	438.35
12	438.30	438.50	437.92	435.03	432.04	434.39	437.09	437.92	438.36	438.35	438.56	438.35
13	438.27	438.48	437.87	434.85	432.03	434.52	437.15	437.96	438.34	438.35	438.56	438.37
14	438.26	438.52	437.85	434.70	431.98	434.64	437.18	438.00	438.33	438.32	438.57	438.41
15	438.25	438.53	437.77	434.55	432.01	434.73	437.14	438.06	438.32	438.34	438.56	438.42
16	438.24	438.46	437.75	434.40	431.98	434.81	437.29	438.09	438.28	438.33	438.54	438.44
17	438.22	438.51	437.69	434.22	432.05	434.87	437.22	438.14	438.34	438.34	438.50	438.64
18	438.21	438.52	437.61	434.09	432.03	435.05	437.15	438.20	438.30	438.31	438.47	438.69
19	438.21	438.47	437.59	434.15	432.00	435.09	437.19	438.20	438.36	438.28	438.44	438.73
20	438.22	438.48	437.49	434.40	432.01	435.18	437.25	438.24	438.38	438.22	438.39	438.66
21	438.22	438.52	437.53	434.92	432.00	435.23	437.24	438.26	438.36	438.25	438.35	438.64
22	438.20	438.49	437.46	435.09	432.10	435.36	437.22	438.27	438.34	438.20	438.34	438.64
23	438.20	438.52	437.43	434.91	432.27	435.45	437.28	438.31	438.33	438.24	438.34	438.61
24	438.18	438.52	437.36	434.63	432.40	435.54	437.24	438.35	438.31	438.25	438.34	438.60
25	438.18	438.48	437.28	434.35	432.51	435.66	437.35	438.43	438.28	438.21	438.31	438.57
26	438.18	438.50	437.29	434.03	432.65	435.89	437.39	438.46	438.30	438.19	438.26	438.56
27	438.26	438.50	437.22	433.50	432.87	436.07	437.37	438.48	438.29	438.16	438.23	438.58
28	438.27	438.53	437.23	432.80	432.96	436.21	437.27	438.51	438.28	438.15	438.24	438.53
29	438.28	438.50	437.29	432.25	432.99	436.32	437.35	438.53	438.25	438.13	438.21	438.51
30	438.28	438.45	437.04	432.05	---	436.42	437.42	438.53	438.28	438.13	438.19	438.51
31	438.29	---	437.01	431.98	---	436.51	---	438.53	---	438.12	438.18	---
MAX	438.48	438.53	438.46	436.85	432.99	436.51	437.42	438.53	438.55	438.37	438.57	438.73
MIN	438.18	438.29	437.01	431.98	431.93	433.05	436.62	437.41	438.25	438.12	438.04	438.10
(+)	6.85	6.93	6.27	4.08	4.51	6.05	6.46	6.96	6.85	6.78	6.80	6.95
(*)	-37	31	-246	-829	172	575	158	187	-42	-26	7.5	58

CAL YR 1987 *-.95 MAX 440.01 MIN 434.61
WTR YR 1988 * 0 MAX 438.73 MIN 431.93

(+) 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, 5.16 ft, Sept. 20, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.98 ft, Feb. 4; minimum, 5.16 ft, Sept. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	9.17	5.34	11.22	5.36	11.31	5.46	11.53	5.51	11.47	5.68	11.27	5.57
2	11.20	5.34	11.23	5.35	9.21	5.45	11.57	6.02	13.50	5.67	11.23	5.55
3	11.20	5.33	11.22	5.35	11.50	5.45	11.60	6.01	13.62	5.76	11.23	5.54
4	10.65	5.31	9.15	5.40	11.48	5.43	11.67	6.97	13.98	6.22	11.24	5.55
5	11.16	5.31	11.25	5.40	11.41	5.45	11.57	6.01	13.72	6.41	11.25	5.55
6	11.20	5.33	11.22	5.41	11.35	5.47	11.47	5.69	13.73	6.03	11.19	5.53
7	11.20	5.34	11.23	5.40	11.40	5.46	11.53	5.98	13.57	5.86	11.26	5.52
8	11.22	5.33	9.10	5.36	11.50	5.45	11.49	5.62	11.62	5.82	11.23	5.50
9	11.22	5.32	11.20	5.36	11.39	5.46	11.38	5.67	11.52	5.77	11.24	5.51
10	11.22	5.33	11.26	5.38	11.36	5.77	11.37	5.57	13.47	5.74	11.53	5.69
11	11.23	5.33	11.25	5.51	11.46	5.49	11.37	5.59	13.33	5.72	11.46	5.96
12	11.24	5.36	11.47	5.49	11.49	5.48	11.37	5.72	13.41	5.70	11.44	5.80
13	11.21	5.37	11.43	5.41	11.45	5.44	11.38	5.62	13.45	5.68	11.35	5.78
14	10.61	5.37	9.13	5.40	11.48	5.43	11.41	5.71	11.50	5.67	11.39	5.71
15	11.22	5.34	11.22	5.40	11.50	5.43	11.39	5.76	11.58	5.65	11.41	5.66
16	11.22	5.33	11.43	5.38	11.48	5.58	11.48	5.64	13.30	5.69	11.35	5.63
17	11.22	5.35	11.53	5.40	11.53	5.61	11.48	5.61	13.00	5.69	11.35	5.61
18	11.24	5.35	11.40	5.53	11.52	5.54	11.58	5.80	11.57	5.69	11.37	5.60
19	9.11	5.35	11.52	5.55	11.49	5.51	11.59	6.10	13.41	5.69	11.49	5.64
20	11.21	5.36	11.44	5.48	11.48	5.49	11.93	11.53	11.59	5.80	11.62	5.82
21	11.21	5.37	11.20	5.43	11.45	5.48	11.93	11.76	11.59	5.77	11.57	5.73
22	9.09	5.38	11.35	5.40	11.51	5.60	11.78	11.54	11.36	5.71	11.33	5.68
23	9.11	5.38	11.20	5.39	11.49	5.68	11.59	11.49	11.35	5.69	11.39	5.67
24	11.17	5.36	9.15	5.42	11.48	5.57	11.53	11.47	11.25	5.69	11.37	5.66
25	11.20	5.34	11.43	5.44	11.49	5.54	11.51	11.44	12.74	5.67	11.36	5.66
26	11.23	5.33	11.34	5.46	11.47	5.54	11.51	8.37	11.34	5.66	11.40	5.66
27	11.21	5.35	11.52	5.46	11.52	5.52	13.62	11.44	11.34	5.65	11.43	5.77
28	11.20	5.41	11.38	5.68	11.50	5.51	13.62	13.57	11.34	5.65	11.41	5.70
29	11.23	5.43	11.46	5.56	11.55	5.56	13.59	5.78	11.35	5.64	9.33	5.66
30	11.22	5.40	11.22	5.52	11.55	7.42	11.60	5.70	---	---	11.41	5.64
31	11.23	5.37	---	---	11.50	5.55	13.44	5.70	---	---	11.42	5.64
MONTH	11.24	5.31	11.53	5.35	11.55	5.43	13.62	5.51	13.98	5.64	11.62	5.50

02166501 LAKE GREENWOOD TAILRACE NEAR CHAPPELLS, 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	11.40	5.63	11.59	5.56	11.36	5.47	11.36	5.49	9.57	5.47	9.19	5.42
2	11.36	5.61	11.58	5.54	11.38	5.47	9.32	5.52	9.20	5.45	11.35	5.40
3	11.38	5.61	11.56	5.53	9.32	5.46	11.37	5.48	11.30	5.44	11.35	5.43
4	11.66	5.61	11.57	5.51	9.31	5.45	9.32	5.47	11.29	5.43	9.17	5.46
5	11.65	5.62	11.51	5.88	11.35	5.45	11.39	5.48	11.31	5.43	11.39	5.54
6	11.59	5.62	11.42	5.66	11.37	5.42	11.32	5.48	9.19	5.55	9.19	5.55
7	11.66	5.63	11.40	5.60	11.07	5.43	11.34	5.47	9.31	5.50	9.15	5.50
8	11.67	5.63	11.40	5.57	9.32	5.42	11.33	5.46	9.30	5.49	11.14	5.46
9	11.40	5.60	11.38	5.56	9.32	5.49	11.37	5.47	9.15	5.45	11.53	5.46
10	11.60	5.57	11.40	5.55	7.66	5.51	11.36	5.46	9.17	5.46	11.45	5.76
11	11.59	5.55	11.41	5.57	9.31	5.49	9.32	5.44	11.35	5.45	11.41	5.61
12	12.24	5.66	11.40	5.58	11.36	5.46	9.22	5.45	11.35	5.45	9.33	5.51
13	12.22	6.43	11.38	5.55	11.36	5.43	9.32	5.52	9.19	5.45	11.41	5.47
14	11.78	6.24	11.40	5.54	11.37	5.42	11.03	5.47	9.19	5.45	11.19	5.46
15	11.76	5.81	11.38	5.52	9.30	5.41	11.38	5.45	11.31	5.44	9.16	5.43
16	11.08	5.73	9.21	5.50	11.38	5.42	9.30	5.45	11.31	5.44	11.43	5.43
17	11.68	5.70	9.32	5.51	11.37	5.44	9.34	5.53	11.29	5.45	9.18	5.43
18	11.70	5.66	9.32	5.51	11.39	5.46	11.33	5.54	11.41	5.44	11.68	5.45
19	11.60	5.68	11.38	5.49	9.32	5.52	11.32	5.49	11.34	5.33	11.72	5.53
20	11.63	5.75	11.38	5.49	9.36	5.61	11.21	5.47	11.36	5.41	11.70	5.16
21	9.38	5.72	9.33	5.52	11.35	5.54	9.31	5.46	11.37	5.45	11.71	5.49
22	11.68	5.62	9.32	5.49	10.68	5.51	11.31	5.45	11.39	5.41	11.41	5.45
23	11.64	5.59	9.32	5.47	11.34	5.48	11.34	5.46	9.30	5.43	11.57	5.45
24	11.75	5.75	9.33	5.47	9.30	5.47	11.29	5.49	11.24	5.44	11.47	5.45
25	11.44	5.69	9.34	5.54	9.33	5.47	11.29	5.47	9.14	5.44	11.44	5.43
26	11.54	5.67	7.73	5.61	9.31	5.46	9.29	5.45	11.35	5.42	11.42	5.42
27	11.68	5.64	7.80	5.52	9.37	5.51	11.19	5.46	9.30	5.41	9.17	5.41
28	11.67	5.59	7.66	5.50	11.36	5.57	9.33	5.46	11.37	5.41	11.31	5.41
29	11.42	5.59	9.21	5.48	11.36	5.51	11.35	5.63	11.29	5.42	11.40	5.42
30	11.39	5.57	9.19	5.49	9.32	5.49	11.35	5.55	11.14	5.42	11.40	5.43
31	---	---	11.39	5.48	---	---	11.32	5.50	9.18	5.42	---	---
MONTH	12.24	5.55	11.59	5.47	11.39	5.41	11.39	5.44	11.41	5.33	11.72	5.16

YEAR MAXIMUM 13.98 MINIMUM 5.16

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.--No estimated daily discharges. Records poor.

AVERAGE DISCHARGE.--8 years, 15.9 ft^3/s, 12.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,100 ft^3/s, Apr. 8, 1983, gage height, 10.28 ft; minimum, 0.05 ft^3/s, Oct. 8, 18, 19, 20, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 317 ft^3/s, Apr. 12, gage height, 7.05 ft; minimum, 0.05 ft^3/s, Oct. 8, 18, 19, 20.

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	.16	.13	2.2	10	6.9	3.8	4.0	2.8	.85	.60	.30	.33
2	.12	.13	1.9	19	6.7	4.0	3.9	2.5	.88	.61	.26	.31
3	.10	.12	2.0	6.7	34	3.8	4.1	2.2	.78	.54	.27	.29
4	.07	.13	2.0	5.1	65	4.4	4.1	2.9	.79	.65	.24	.49
5	.07	.16	2.1	5.0	78	4.4	3.7	12	.90	.68	.24	2.0
6	.06	.12	2.0	4.9	12	3.6	4.1	4.6	1.4	.59	.24	1.1
7	.06	.24	1.8	5.1	6.7	3.7	5.5	3.0	.75	.44	.24	.41
8	.07	.21	1.7	5.5	5.7	3.5	4.3	2.5	.73	.37	.26	.34
9	.08	.18	1.7	6.1	4.7	12	3.7	2.2	.71	.43	.32	19
10	.07	1.5	1.9	10	4.4	92	3.4	2.3	1.2	.37	.32	6.3
11	.07	1.2	1.8	8.3	4.1	28	4.0	2.6	.73	.37	.31	1.4
12	.07	.62	1.7	7.4	4.2	10	143	2.1	.63	.35	.28	.73
13	.06	.31	1.6	7.5	4.3	11	24	1.9	.59	.36	.26	.51
14	.07	.24	1.6	21	4.4	9.2	9.7	1.9	.70	.35	.24	.44
15	.10	.24	2.5	20	4.7	6.4	7.0	1.8	.56	.34	.23	.37
16	.09	.17	2.9	17	6.2	5.1	5.4	1.7	.58	.32	.22	.33
17	.09	1.4	2.2	19	5.4	4.7	4.4	1.7	.70	.31	.22	.72
18	.06	3.3	1.8	20	4.9	4.9	4.8	1.6	2.1	.30	.21	1.3
19	.05	1.8	1.8	21	8.8	29	11	1.4	3.2	.28	.21	.78
20	.10	1.1	2.1	22	12	17	8.5	1.3	1.3	.28	.22	.61
21	.15	1.0	2.7	48	7.8	9.6	5.4	1.2	.76	.28	.22	.49
22	.10	.89	4.3	55	6.0	6.7	4.4	1.2	.69	.26	.22	.39
23	.10	.97	3.5	13	5.4	5.6	4.4	1.1	.64	.27	.25	.41
24	.11	1.1	3.1	9.1	5.3	5.2	9.1	1.2	.65	.27	.27	.40
25	.13	1.2	3.2	7.5	4.4	5.0	5.5	1.7	.57	.30	.24	.41
26	.13	1.2	3.6	6.8	4.3	6.7	4.6	2.1	.78	.28	.24	.44
27	.17	1.5	4.2	9.4	4.3	6.9	4.0	1.4	1.3	.28	.24	.42
28	.17	2.1	3.9	7.6	3.8	5.4	3.2	1.1	.78	.31	.29	.40
29	.19	2.1	3.9	6.8	3.8	4.7	2.8	1.1	.61	.30	.31	.44
30	.14	2.1	3.9	6.8	---	4.3	2.9	1.0	.66	.30	.30	.40
31	.13	---	9.1	6.6	---	4.1	---	.96	---	.31	.44	---
TOTAL	3.14	27.46	84.7	417.2	328.2	324.7	308.9	69.06	27.52	11.70	8.11	41.96
MEAN	.10	.92	2.73	13.5	11.3	10.5	10.3	2.23	.92	.38	.26	1.40
MAX	.19	3.3	9.1	55	78	92	143	12	3.2	.68	.44	19
MIN	.05	.12	1.6	4.9	3.8	3.5	2.8	.96	.56	.26	.21	.29

CAL YR 1987 TOTAL 5476.43 MEAN 15.0 MAX 555 MIN .05
WTR YR 1988 TOTAL 1652.65 MEAN 4.52 MAX 143 MIN .05

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 those from Apr. 26 to May 3, which are poor. Flow regulated by Lake Greenwood (see sta. 02166501).

AVERAGE DISCHARGE.--62 years, 1916 ft^3/s, 19.13 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, 4,380 ft^3/s, Feb. 4, gage height, 10.31 ft; minimum, 24 ft^3/s, Oct. 2, gage height, 0.31 ft, Nov. 2, gage height, 0.34 ft; minimum daily, 138 ft^3/s, May 19.

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	392	349	656	1570	936	539	447	670	320	326	367	363
2	219	255	478	2570	1150	506	514	614	362	310	330	294
3	373	269	1280	1630	1590	379	400	634	290	370	315	364
4	233	347	647	3000	2390	381	1350	468	306	293	307	336
5	425	313	823	2100	1930	386	1320	825	351	359	320	340
6	326	512	564	1370	1690	378	1170	448	257	263	412	402
7	335	169	637	2760	1600	404	1430	375	283	387	319	346
8	300	339	1080	1800	1780	382	1110	367	330	319	318	363
9	298	395	671	1400	1290	295	584	313	355	321	271	568
10	354	351	697	1790	1300	605	695	373	338	316	371	443
11	329	651	972	1560	717	783	547	387	274	218	358	397
12	399	876	1090	1980	970	504	2300	398	328	393	351	324
13	364	946	865	1920	1070	461	2560	358	346	377	304	334
14	324	330	991	1710	1010	509	1900	356	305	377	344	349
15	343	367	1290	1680	1070	447	1990	331	290	331	295	330
16	234	371	1020	1700	1030	329	537	336	350	225	335	348
17	417	1210	1790	1540	926	607	1230	334	329	387	473	385
18	329	569	1470	2040	1120	420	1610	356	331	388	352	817
19	217	1070	1070	2330	1370	588	1190	138	327	304	356	1290
20	368	496	1110	3120	1020	1070	1110	402	363	381	307	1190
21	262	531	429	3240	1090	744	1160	421	317	297	340	1290
22	439	427	1660	3050	486	438	1380	295	366	338	288	419
23	324	476	1130	2920	442	427	570	318	309	336	311	591
24	341	485	1220	2870	414	426	1470	321	342	282	383	483
25	331	833	1060	2860	442	416	422	240	288	349	333	242
26	261	342	1020	2790	428	426	743	361	342	327	318	518
27	282	1070	1330	3230	405	415	881	392	424	365	327	347
28	337	628	1480	4130	421	434	986	219	392	250	319	401
29	355	882	1840	3270	570	392	598	402	322	491	320	363
30	432	678	2850	1950	---	395	345	320	368	299	339	334
31	360	---	1720	1160	---	244	---	319	---	327	355	---
TOTAL	10303	16537	34940	71040	30657	14730	32549	12091	9905	10306	10438	14571
MEAN	332	551	1127	2292	1057	475	1085	390	330	332	337	486
MAX	439	1210	2850	4130	2390	1070	2560	825	424	491	473	1290
MIN	217	169	429	1160	405	244	345	138	257	218	271	242

CAL YR 1987 TOTAL 491130 MEAN 1346 MAX 11300 MIN 169
WTR YR 1988 TOTAL 268067 MEAN 732 MAX 4130 MIN 138

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft upstream from dam on Saluda River and 10.0 mi upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 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, 356.67 ft, Sept. 25, minimum gage height, 351.27 ft, Dec. 31.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	353.59	351.74	351.79	351.38	354.60	354.80	354.93	356.49	356.40	356.18	355.95	355.38
2	353.57	351.76	351.77	351.50	354.70	354.80	354.97	356.47	356.27	356.16	355.96	355.38
3	353.55	351.77	351.80	351.49	354.80	354.70	354.98	356.48	356.27	356.14	355.93	355.44
4	353.59	351.76	351.79	351.63	355.10	354.70	355.04	356.56	356.27	356.14	355.87	355.60
5	353.54	351.66	351.75	351.70	355.20	354.70	355.08	356.62	356.28	356.13	355.87	355.79
6	353.51	351.63	351.73	351.75	355.30	354.70	355.18	356.60	356.24	356.10	355.85	355.84
7	353.47	351.59	351.68	351.73	355.40	354.70	355.19	356.56	356.25	356.08	355.82	355.83
8	353.44	351.54	351.71	351.83	355.40	354.60	355.20	356.51	356.25	356.06	355.83	355.84
9	353.48	351.55	351.73	351.85	355.50	354.60	355.21	356.46	356.31	356.10	355.76	356.22
10	353.52	351.63	351.78	351.91	355.50	354.70	355.21	356.41	356.30	356.10	355.77	356.36
11	353.50	351.48	351.82	351.95	355.50	354.80	355.20	356.41	356.25	356.11	355.83	356.36
12	353.50	351.34	351.85	352.04	355.60	354.70	355.48	356.40	356.21	356.09	355.82	356.35
13	353.45	351.34	351.91	352.10	355.50	354.70	355.61	356.40	356.18	356.13	355.74	356.37
14	353.42	351.31	351.93	352.18	355.40	354.70	355.69	356.40	356.18	356.14	355.75	356.36
15	353.21	351.30	352.00	352.22	355.50	354.70	355.80	356.38	356.14	356.12	355.71	356.25
16	353.14	351.29	351.92	352.30	355.40	354.37	355.83	356.40	356.19	356.11	355.72	356.33
17	353.10	351.46	351.82	352.35	355.30	354.35	355.86	356.40	356.13	356.13	355.70	356.39
18	353.04	351.50	351.63	352.53	355.20	354.49	356.01	356.42	356.18	356.12	355.67	356.36
19	353.06	351.54	351.52	352.60	355.20	354.59	356.12	356.41	356.21	356.11	355.62	356.46
20	353.06	351.51	351.52	352.90	355.30	354.60	356.18	356.41	356.25	356.08	355.60	356.45
21	353.04	351.52	351.55	353.20	355.30	354.63	356.22	356.39	356.29	356.02	355.55	356.47
22	353.01	351.52	351.63	353.40	355.30	354.64	356.27	356.38	356.27	356.06	355.53	356.46
23	352.84	351.52	351.57	353.50	355.20	354.64	356.30	356.40	356.30	356.01	355.51	356.41
24	352.80	351.49	351.52	353.60	355.20	354.68	356.38	356.38	356.26	356.03	355.40	356.46
25	352.78	351.54	351.52	353.80	355.10	354.76	356.36	356.41	356.22	356.00	355.45	356.57
26	352.61	351.58	351.55	354.00	355.00	354.79	356.43	356.43	356.29	356.05	355.40	356.58
27	352.47	351.65	351.52	354.10	354.90	354.86	356.48	356.38	356.23	356.02	355.36	356.58
28	352.29	351.79	351.60	354.20	354.90	354.87	356.45	356.34	356.22	356.00	355.42	356.57
29	351.97	351.82	351.34	354.40	354.80	354.89	356.47	356.34	356.24	356.05	355.38	356.56
30	351.86	351.94	351.28	354.50	---	354.91	356.45	356.40	356.21	356.03	355.42	356.49
31	351.74	---	351.42	354.50	---	354.93	---	356.41	---	355.94	355.41	---
MAX	353.59	351.94	352.00	354.50	355.60	354.93	356.48	356.62	356.40	356.18	355.96	356.58
MIN	351.74	351.29	351.28	351.38	354.60	354.35	354.93	356.34	356.13	355.94	355.36	355.38
(+)	53.84	54.20	53.27	58.98	59.55	59.80	62.82	62.74	62.33	61.79	60.74	62.90
(*)	-1281	139	-347	2132	227	93	1165	-30	-158	-202	-392	833

CAL YR 1987 *-5.50 MAX 358.06 MIN 351.28
WTR YR 1988 * 5.63 MAX 356.62 MIN 351.28

(+) 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, 10.0 mi upstream from confluence of Saluda and Congaree Rivers.

DRAINAGE.--1,170 mi^2.

PERIOD OF DAILY 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 DAILY RECORD.--Maximum gage height, 84.90 ft, Sept. 7, 1985; minimum, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 83.77 ft, July 31; minimum, 70.96 ft, Dec. 8.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	71.27	71.26	72.49	71.48	82.29	71.26	76.51	72.95	71.67	71.61	74.46	72.55
2	71.28	71.27	72.52	72.37	73.98	71.63	80.10	73.02	71.67	71.26	76.23	72.45
3	71.29	71.26	72.50	72.36	79.83	71.29	77.10	72.54	78.74	71.30	75.65	72.93
4	71.30	71.29	72.52	72.03	73.43	71.28	80.48	72.00	71.75	71.72	74.38	71.95
5	72.31	71.30	80.67	72.05	76.30	71.29	72.83	72.15	74.89	71.72	73.78	71.56
6	71.99	71.31	74.09	72.08	72.83	71.31	72.38	72.17	72.28	72.10	71.65	71.64
7	71.98	71.96	72.32	72.13	72.85	70.98	82.80	72.26	72.30	72.16	79.75	71.64
8	75.77	71.37	72.30	71.77	74.04	70.96	74.57	72.20	72.26	72.15	78.93	72.61
9	71.48	71.38	71.84	71.74	71.82	71.71	72.33	72.15	72.24	72.13	76.75	72.54
10	71.47	71.27	71.88	71.78	72.20	71.57	72.33	72.21	74.77	72.14	75.96	72.62
11	71.46	71.27	83.01	71.76	72.21	71.49	72.33	72.23	78.38	72.04	75.51	72.24
12	71.27	71.26	81.61	72.08	71.48	71.40	72.39	72.24	75.69	71.79	77.01	73.75
13	73.18	71.26	73.62	72.07	71.43	71.40	72.34	71.81	76.74	71.34	74.96	72.52
14	79.87	71.27	72.11	72.04	71.44	71.41	72.18	71.57	76.70	72.44	76.29	72.28
15	81.16	72.99	72.54	72.09	72.21	71.42	79.52	72.07	74.69	72.35	81.79	72.29
16	81.54	72.33	72.46	72.06	80.37	71.69	72.35	72.25	80.53	71.98	81.24	72.27
17	72.45	72.30	72.17	72.09	81.13	72.62	72.33	72.25	82.46	72.66	75.33	72.84
18	72.46	72.29	72.19	71.37	82.33	72.41	72.30	71.65	80.65	72.52	73.44	71.88
19	72.47	72.31	72.06	71.38	79.72	72.23	71.73	71.65	78.87	72.30	71.90	71.86
20	72.45	72.33	75.11	71.99	75.93	72.79	71.90	71.66	74.50	71.19	71.88	71.85
21	74.63	72.26	77.17	71.28	74.62	71.62	71.71	71.63	75.09	71.61	71.88	71.75
22	74.40	71.63	74.94	71.63	74.89	71.41	79.16	71.19	79.25	71.69	79.15	71.43
23	82.45	72.29	73.24	71.27	79.19	71.29	71.24	71.17	---	---	71.44	71.37
24	73.71	71.83	71.28	71.26	75.92	72.86	71.23	71.17	---	---	71.39	71.32
25	72.31	71.95	74.52	71.26	73.38	72.05	71.23	71.18	---	---	71.39	71.28
26	79.31	71.93	71.31	71.26	75.77	72.02	72.70	71.16	---	---	71.38	71.34
27	78.91	72.43	71.35	71.28	74.90	72.60	75.38	72.10	---	---	71.38	71.34
28	82.66	72.39	71.30	71.27	77.66	72.56	72.95	72.10	75.34	72.52	71.42	71.37
29	83.19	72.81	71.28	71.26	80.75	73.90	72.39	71.69	76.49	72.66	71.42	71.40
30	82.20	72.46	76.12	71.25	81.27	73.99	71.75	71.61	---	---	71.42	71.10
31	73.47	71.98	---	---	76.74	73.35	71.71	71.60	---	---	71.51	71.08
MONTH	83.19	71.26	83.01	71.25	82.33	70.96	82.80	71.16	---	---	81.79	71.08

02168501 LAKE MURRAY TAILRACE NEAR COLUMBIA, 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	71.51	71.42	72.91	71.78	82.14	71.53	71.69	71.63	72.26	71.43	72.21	71.38
2	71.49	71.42	71.83	71.74	72.56	71.56	71.72	71.65	72.22	71.79	71.38	71.37
3	71.50	71.44	71.81	71.73	72.78	71.34	71.72	71.67	73.02	71.82	71.43	71.37
4	71.61	71.25	71.81	71.57	71.45	71.36	71.74	71.71	73.26	72.31	71.44	71.37
5	71.68	71.26	71.71	71.31	71.51	71.38	71.74	71.72	72.48	72.38	71.47	71.39
6	72.22	71.37	73.33	71.69	71.45	71.36	71.76	71.71	72.41	71.81	71.45	71.38
7	72.48	71.36	73.28	73.02	71.44	71.32	71.75	71.70	71.86	71.72	71.49	71.39
8	72.45	71.31	73.26	73.05	71.39	71.29	80.12	71.73	72.10	71.75	71.48	71.40
9	71.47	71.33	73.30	73.04	71.40	71.27	72.39	71.79	72.14	71.89	75.18	71.40
10	71.48	71.43	73.09	71.75	71.48	71.38	72.34	71.77	73.32	71.86	71.70	71.64
11	72.34	71.44	73.38	71.76	71.51	71.42	72.06	71.36	73.33	72.46	71.69	71.63
12	72.38	71.48	73.31	71.86	71.56	71.43	71.50	71.36	72.62	72.43	71.74	71.45
13	71.55	71.43	73.01	71.36	71.51	71.36	72.02	71.35	72.59	72.46	72.35	71.72
14	71.50	71.48	71.37	71.36	72.09	71.37	72.04	71.95	72.83	72.42	72.38	72.20
15	71.74	71.48	71.37	71.36	72.15	72.03	73.32	71.38	72.81	72.61	72.50	72.31
16	71.72	71.63	72.10	71.36	72.97	71.58	71.45	71.37	72.71	72.58	72.35	71.51
17	71.69	71.58	72.51	71.37	72.25	71.57	71.42	71.35	72.80	72.59	71.89	71.84
18	71.68	71.47	71.38	71.37	71.67	71.55	71.54	71.33	72.72	72.58	71.88	71.85
19	71.53	71.46	71.39	71.37	71.62	71.55	71.48	71.36	72.76	72.59	71.87	71.85
20	71.57	71.46	71.39	71.37	71.61	71.52	71.41	71.39	72.73	72.61	78.03	71.85
21	71.55	71.49	73.70	71.38	71.61	71.45	71.42	71.39	72.69	72.57	77.59	72.05
22	71.51	71.45	71.94	71.76	71.57	71.40	71.41	71.40	72.70	72.60	73.64	72.10
23	71.52	71.41	71.83	71.74	71.53	71.40	71.42	71.40	72.85	72.62	72.26	72.17
24	71.46	71.36	73.20	71.71	71.52	71.39	71.42	71.40	72.78	72.61	72.20	72.17
25	71.53	71.38	71.78	71.70	71.51	71.38	71.66	71.37	72.72	72.59	72.28	72.17
26	71.50	71.42	71.82	71.72	71.47	71.38	75.33	71.37	72.76	72.56	72.61	72.19
27	71.50	71.40	71.85	71.65	71.57	71.38	73.46	72.01	73.96	72.63	72.39	72.18
28	71.48	71.37	71.75	71.58	73.11	71.38	71.94	71.52	73.90	72.53	72.21	72.18
29	71.79	71.48	71.75	71.54	73.09	71.59	71.62	71.60	73.12	72.43	72.68	72.18
30	73.48	71.75	71.67	71.56	71.64	71.59	71.62	71.60	72.74	72.02	72.21	72.18
31	---	---	71.69	71.55	---	---	83.77	71.61	72.09	71.56	---	---
MONTH	73.48	71.25	73.70	71.31	82.14	71.27	83.77	71.33	73.96	71.43	78.03	71.37

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 10 mi upstream from confluence of Saluda and Broad River.

PERIOD OF RECORD.--September 1984 to September 1985, October 1987 to September 1988.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: September 1984 to September 1985, October 1987 to September 1988.
DISSOLVED OXYGEN: October 1987 to September 1988.

INSTRUMENTATION.--USGS mini-monitor.

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, November 17, 1984; minimum, 6.5°C, several days during February and March, 1985.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Feb. 3, 4, 1988; minimum, 0.6 mg/L, Oct. 15, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 19.0°C, Dec. 7; minimum, 7.0°C, Feb. 13.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Feb. 3, 4; minimum, 0.6 mg/L, Oct. 15.

TEMPERATURE (°C) OF WATER, 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	---	---	---	15.5	14.5	14.5	17.0	15.0	15.5	12.0	11.5	11.5
2	16.0	13.5	15.0	15.0	14.5	15.0	16.0	14.5	15.0	12.0	11.5	11.5
3	16.5	14.0	15.0	15.5	14.5	15.0	17.0	14.5	15.5	12.5	11.5	11.5
4	---	---	---	15.5	14.5	15.0	16.5	14.0	15.0	13.0	11.5	12.0
5	---	---	---	16.5	14.5	15.0	15.0	13.5	14.0	12.5	11.5	11.5
6	---	---	---	15.5	14.5	15.0	15.0	13.5	14.0	11.5	11.0	11.5
7	---	---	---	15.5	14.5	15.0	19.0	13.5	15.0	12.5	10.5	11.5
8	---	---	---	15.5	14.5	15.0	16.5	13.5	14.5	13.5	10.0	11.5
9	---	---	---	16.0	14.5	15.5	14.5	13.5	14.0	10.5	10.0	10.5
10	---	---	---	16.0	15.0	15.5	14.5	13.5	14.0	10.5	9.5	10.0
11	---	---	---	15.5	14.5	15.0	14.0	13.0	13.5	10.5	9.5	10.0
12	---	---	---	16.0	14.5	15.0	15.0	13.0	14.0	10.5	9.5	9.5
13	---	---	---	15.5	14.5	15.0	14.5	13.0	13.5	10.0	9.0	9.5
14	15.0	14.0	14.5	16.0	15.0	15.0	14.5	13.5	14.0	10.5	9.0	9.5
15	15.5	14.0	14.5	15.5	14.5	15.0	14.5	13.0	14.0	9.5	9.0	9.0
16	15.0	14.0	14.5	16.0	14.5	15.5	13.0	12.5	13.0	10.0	9.0	9.0
17	15.0	14.0	14.5	15.5	15.0	15.5	13.0	12.5	12.5	9.5	9.0	9.0
18	15.0	14.0	14.5	16.0	15.0	15.5	13.0	12.0	12.5	10.0	9.0	9.5
19	15.0	14.0	14.5	16.0	15.0	15.5	12.5	12.0	12.5	10.0	9.0	9.5
20	---	---	---	15.5	14.5	15.0	12.5	12.0	12.0	10.5	9.0	9.5
21	---	---	---	17.0	14.5	15.5	13.5	12.0	12.5	9.5	8.5	9.0
22	---	---	---	16.5	15.0	15.5	13.5	12.0	12.5	9.5	8.0	9.0
23	---	---	---	17.0	14.5	16.0	13.0	12.0	12.5	10.5	8.5	9.5
24	---	---	---	17.5	16.0	16.5	12.0	12.0	12.0	10.5	9.0	9.5
25	---	---	---	17.5	15.0	16.0	12.5	12.0	12.5	10.0	9.0	9.5
26	---	---	---	17.0	15.5	16.0	13.0	11.5	12.5	10.5	8.5	9.0
27	---	---	---	16.0	15.5	16.0	12.0	11.5	12.0	9.5	8.0	8.5
28	16.0	14.5	15.0	16.5	15.5	16.0	13.0	11.5	12.0	9.5	8.0	8.5
29	15.5	14.5	15.0	16.5	15.0	16.0	14.0	12.0	13.0	9.5	8.0	9.0
30	16.0	14.5	14.5	16.5	15.0	15.5	14.0	12.5	13.0	10.0	8.5	9.0
31	15.5	14.5	15.0	---	---	---	13.5	11.5	12.5	10.0	8.5	9.0
MONTH	16.5	13.5	14.5	17.5	14.5	15.5	19.0	11.5	13.5	13.5	8.0	10.0

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.0	8.5	9.0	8.5	8.0	8.5	11.0	9.5	10.0	12.5	10.5	11.5
2	11.0	8.5	9.5	8.5	8.0	8.0	11.0	9.5	10.0	12.5	11.0	11.5
3	10.0	8.0	9.5	8.5	8.0	8.5	10.5	9.5	10.0	12.5	11.0	11.5
4	10.0	8.5	9.5	9.5	8.5	9.0	12.5	9.5	11.0	12.5	11.0	12.0
5	9.0	8.0	8.0	9.5	8.0	9.0	12.5	11.0	11.5	14.0	11.5	12.5
6	9.5	8.0	8.5	10.5	9.0	9.5	11.5	10.5	11.0	12.5	11.0	11.5
7	9.0	8.0	8.5	9.0	8.0	8.5	12.0	10.0	11.0	11.5	10.5	11.0
8	8.5	7.5	8.0	8.5	8.0	8.5	11.5	10.5	11.0	11.5	10.5	11.0
9	9.0	7.5	8.0	8.5	8.0	8.5	11.5	9.0	10.0	11.5	10.5	11.0
10	8.0	7.5	8.0	9.0	8.5	8.5	11.5	9.0	10.0	12.0	11.0	11.5
11	8.0	7.5	7.5	9.0	8.5	8.5	11.0	9.5	10.0	12.5	11.5	11.5
12	8.0	7.5	8.0	9.0	8.5	8.5	10.0	9.5	10.0	12.0	11.0	11.5
13	8.5	7.0	8.0	9.5	8.5	9.0	11.5	9.5	10.5	12.5	11.0	11.5
14	8.5	7.5	8.0	9.5	8.5	9.0	12.0	9.5	10.5	13.5	12.0	12.5
15	8.0	7.5	8.0	9.5	8.5	9.0	11.0	9.5	10.5	14.0	12.0	13.0
16	8.5	7.5	8.0	10.0	8.5	9.5	11.0	10.0	10.5	13.5	12.0	12.5
17	8.5	7.5	8.0	10.5	9.0	9.5	11.0	9.5	10.5	13.5	12.0	12.5
18	8.0	7.5	8.0	10.0	9.0	9.5	12.0	10.0	11.0	14.0	12.0	12.5
19	8.0	7.5	7.5	10.0	9.0	9.5	13.0	11.0	12.0	14.0	12.0	13.0
20	8.5	7.5	8.0	11.0	9.0	9.5	13.0	11.0	12.0	14.0	12.0	13.0
21	8.5	7.5	8.0	10.5	9.0	9.5	13.0	10.5	12.0	13.5	11.0	12.0
22	8.5	7.5	8.0	11.0	8.5	9.5	13.5	11.5	12.5	12.5	11.5	12.0
23	9.0	8.0	8.5	11.0	9.0	9.5	12.5	11.5	12.0	13.0	11.5	12.0
24	8.5	8.0	8.0	10.5	9.0	9.5	13.5	11.0	12.0	13.0	11.5	12.0
25	8.5	7.5	8.0	10.5	9.0	10.0	13.5	11.0	12.0	13.0	11.5	12.0
26	8.5	8.0	8.0	10.5	9.5	9.5	12.5	11.0	12.0	13.5	11.5	12.5
27	9.0	8.0	8.0	11.0	9.0	10.0	13.5	11.5	12.5	13.5	11.5	12.5
28	9.0	8.0	8.0	11.5	9.0	10.0	13.5	11.0	12.5	13.0	11.5	12.0
29	8.5	8.0	8.0	11.0	9.0	10.0	12.5	10.5	11.5	13.0	11.5	12.0
30	---	---	---	11.0	9.0	10.0	12.0	10.0	11.0	14.0	11.5	12.5
31	---	---	---	12.0	9.5	10.0	---	---	---	14.0	12.0	13.0
MONTH	11.0	7.0	8.0	12.0	8.0	9.0	13.5	9.0	11.0	14.0	10.5	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.5	11.5	13.0	15.0	13.0	14.0	---	---	---	16.5	14.5	15.0
2	14.0	11.5	12.5	14.5	13.0	14.0	---	---	---	16.0	14.5	15.0
3	14.5	11.5	12.5	13.5	13.0	13.5	---	---	---	16.5	14.5	15.5
4	15.0	13.0	13.5	15.0	13.0	13.5	---	---	---	16.5	15.0	15.5
5	15.0	12.5	13.5	14.5	13.0	13.5	---	---	---	17.0	15.0	16.0
6	15.0	13.0	14.0	15.0	13.0	14.0	---	---	---	17.5	14.5	15.5
7	15.5	13.0	14.0	15.0	12.5	13.5	---	---	---	17.0	15.0	16.0
8	15.0	13.5	14.0	14.0	12.5	13.0	---	---	---	16.0	15.0	15.5
9	15.5	13.5	14.0	13.5	12.5	13.0	15.0	14.0	14.5	16.0	14.0	15.0
10	15.0	13.0	14.0	14.5	13.0	13.5	14.5	13.0	14.0	16.0	14.5	15.5
11	15.0	12.5	13.5	15.0	13.0	14.0	14.0	13.5	13.5	16.0	15.0	15.5
12	14.5	12.5	13.5	16.0	14.0	15.0	14.5	13.5	14.0	17.0	15.0	15.5
13	14.5	12.5	13.5	15.5	13.5	14.5	14.5	13.5	14.0	15.5	14.5	15.0
14	14.5	12.0	13.0	15.0	13.5	14.0	15.0	13.5	14.0	15.5	14.5	15.0
15	13.0	12.0	12.5	15.0	13.5	14.0	14.0	13.5	13.5	15.5	14.5	15.0
16	14.5	12.0	12.5	15.5	14.5	15.0	14.5	13.5	14.0	16.0	14.5	15.0
17	13.0	12.0	12.5	16.5	14.0	15.0	14.5	13.5	14.0	15.5	15.0	15.5
18	13.5	12.5	13.0	16.5	15.0	15.5	14.5	13.5	14.0	15.5	15.0	15.0
19	14.5	12.5	13.0	16.5	15.0	15.5	14.5	13.5	14.0	16.0	14.5	15.0
20	14.5	12.5	13.5	16.5	14.5	15.5	14.5	14.0	14.0	16.0	15.0	15.5
21	15.0	13.0	14.0	16.0	14.5	15.5	14.5	14.0	14.0	16.0	14.5	15.0
22	15.0	13.5	14.0	15.5	14.5	15.0	15.0	13.5	14.0	15.5	14.5	15.0
23	15.0	13.5	14.0	16.0	14.5	15.0	14.0	13.5	14.0	15.5	14.5	15.0
24	15.5	13.5	14.5	16.0	14.0	15.0	14.0	14.0	14.0	15.5	15.0	15.0
25	15.5	13.5	14.5	16.0	14.5	15.0	14.5	13.5	14.0	15.5	15.0	15.0
26	15.0	13.0	14.0	15.0	13.0	13.5	14.5	14.0	14.0	15.5	15.0	15.5
27	15.0	13.5	14.5	13.5	13.0	13.5	14.5	13.5	14.0	15.5	15.0	15.0
28	15.0	12.5	13.5	16.0	14.0	15.0	14.5	13.5	14.0	16.0	15.0	15.0
29	15.5	12.5	14.0	16.0	14.0	15.0	15.0	14.0	14.5	16.0	15.0	15.0
30	14.0	13.5	13.5	16.0	13.5	15.0	15.0	14.0	14.5	15.5	15.0	15.0
31	---	---	---	---	---	---	15.5	14.5	15.0	---	---	---
MONTH	15.5	11.5	13.5	16.5	12.5	14.5	15.5	13.0	14.0	17.5	14.0	15.0
YEAR	19.0	7.0	12.5									

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), 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	5.2	2.8	3.7	---	---	---	8.2	7.4	7.9	10.2	9.4	9.8
2	4.6	3.0	3.6	5.4	4.9	5.1	9.8	8.1	8.9	10.6	9.3	9.8
3	5.9	2.9	4.0	5.4	4.7	5.0	9.5	8.0	8.9	10.1	9.4	9.7
4	---	---	---	5.2	4.2	4.7	9.9	8.0	8.9	12.3	9.4	10.4
5	---	---	---	6.3	.9	3.4	10.1	8.6	9.0	10.4	9.7	10.0
6	---	---	---	5.3	1.8	4.5	10.3	8.5	9.5	10.4	9.9	10.1
7	---	---	---	4.6	4.1	4.4	11.8	8.4	9.6	10.4	9.9	10.0
8	---	---	---	4.7	2.3	3.8	11.5	8.4	9.5	11.2	9.8	10.3
9	---	---	---	2.9	2.1	2.5	10.4	9.6	9.8	10.8	10.2	10.5
10	---	---	---	2.9	1.9	2.4	10.0	9.5	9.8	10.9	10.4	10.6
11	---	---	---	5.0	.7	2.3	10.3	9.3	9.9	10.9	10.4	10.6
12	---	---	---	8.7	1.1	4.0	10.0	9.2	9.5	11.0	10.5	10.7
13	---	---	---	8.9	2.0	6.4	10.1	9.1	9.5	11.9	10.5	11.1
14	8.2	1.0	4.7	8.7	7.7	8.2	10.1	9.3	9.5	12.1	10.7	11.2
15	7.9	.6	2.8	7.8	2.3	3.3	10.3	9.2	9.6	10.9	8.4	9.7
16	4.7	.9	3.6	7.9	2.3	6.6	10.0	9.0	9.4	9.0	8.4	8.6
17	5.0	4.3	4.6	7.4	6.2	6.8	9.9	9.1	9.4	8.9	8.4	8.6
18	4.9	4.3	4.5	6.8	5.3	6.3	10.1	9.1	9.4	9.0	8.3	8.6
19	4.9	4.3	4.6	6.3	4.9	5.6	11.0	9.1	9.6	8.8	8.3	8.5
20	5.0	4.4	4.6	7.0	1.7	5.2	9.8	9.1	9.4	8.8	8.3	8.5
21	4.9	2.1	3.7	7.6	2.4	5.4	10.5	9.3	9.8	8.9	8.2	8.5
22	7.8	2.3	4.4	7.3	2.4	6.1	10.2	9.5	9.9	11.0	8.3	9.5
23	4.2	.7	3.0	6.3	3.5	5.4	11.3	9.0	9.8	11.2	10.3	10.6
24	5.2	2.6	3.8	6.2	4.6	5.2	10.7	9.2	9.5	11.2	10.2	10.6
25	5.0	4.0	4.4	6.3	4.5	5.4	9.4	9.0	9.2	10.9	10.2	10.4
26	4.7	1.1	3.1	5.4	4.8	5.1	9.4	8.9	9.1	11.6	10.5	11.1
27	5.0	.7	2.1	5.9	5.1	5.4	9.6	9.0	9.2	11.7	11.1	11.4
28	6.5	.9	3.9	7.6	5.5	6.4	10.0	8.9	9.1	11.7	11.1	11.3
29	5.0	.7	2.1	7.9	6.8	7.3	11.3	9.3	9.8	11.6	10.9	11.2
30	6.1	.8	3.3	9.0	7.0	7.8	10.6	9.5	9.8	11.6	10.8	11.1
31	---	---	---	---	---	---	9.9	9.4	9.6	11.6	10.8	11.1
MONTH	8.2	.6	3.7	9.0	.7	5.2	11.8	7.4	9.4	12.3	8.2	10.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.6	10.9	11.2	11.4	10.6	11.0	12.0	10.7	11.2	11.3	8.2	9.4
2	12.2	10.9	11.4	11.5	11.1	11.3	12.0	10.7	11.2	10.9	8.1	9.2
3	12.4	11.0	11.8	12.0	11.0	11.4	11.8	10.6	11.1	10.7	8.3	9.1
4	12.4	11.8	12.1	12.2	11.0	11.7	11.5	9.8	10.9	10.6	8.3	9.1
5	12.0	11.1	11.6	12.2	11.0	11.8	11.3	9.7	10.4	10.5	8.2	9.1
6	11.7	11.0	11.3	12.3	11.6	11.9	10.3	9.7	9.9	9.7	8.3	8.8
7	11.8	11.2	11.4	11.6	10.7	11.3	12.0	9.6	10.2	9.1	8.4	8.7
8	11.6	11.1	11.3	11.5	10.7	11.2	10.5	9.6	10.0	9.1	8.3	8.6
9	11.5	10.8	11.1	11.3	10.7	11.1	11.6	9.7	10.5	9.0	8.2	8.5
10	12.0	10.7	11.1	11.4	10.7	11.1	11.5	10.0	10.6	10.3	7.4	8.7
11	12.2	10.5	11.2	11.4	10.8	11.1	11.2	9.9	10.2	10.1	7.5	8.7
12	11.5	10.5	11.0	11.2	10.5	10.9	10.5	9.6	10.1	10.5	7.5	9.1
13	11.6	10.9	11.3	11.8	10.7	11.1	11.5	10.0	10.6	11.0	8.0	9.6
14	11.7	11.1	11.4	11.7	10.6	11.0	11.6	9.9	10.6	11.7	7.8	9.2
15	11.4	11.0	11.2	11.5	10.5	10.8	11.4	9.4	10.2	11.6	7.8	9.2
16	11.8	11.1	11.3	11.2	10.5	10.8	10.8	9.3	9.9	12.0	7.9	9.3
17	11.7	11.0	11.3	10.9	10.6	10.7	10.7	9.3	9.9	11.2	8.3	9.3
18	11.5	10.9	11.1	11.9	10.7	11.2	10.6	9.1	9.7	11.6	8.3	9.6
19	11.4	10.8	11.1	11.9	11.2	11.5	10.7	9.1	9.7	11.5	8.4	9.6
20	10.9	10.2	10.7	11.9	11.2	11.5	10.9	9.1	9.8	11.6	7.8	9.5
21	11.8	10.4	10.9	12.1	11.2	11.5	10.8	9.0	9.7	11.5	6.2	8.2
22	12.1	10.6	11.0	12.2	10.1	11.5	10.8	9.0	9.7	10.3	6.2	8.3
23	11.5	10.8	11.1	12.2	11.1	11.5	10.3	8.8	9.4	10.5	7.3	8.5
24	11.5	10.3	10.9	12.2	11.0	11.4	11.2	9.0	9.8	9.7	7.5	8.1
25	11.4	10.7	11.1	12.1	10.9	11.4	11.1	8.9	9.7	9.6	7.6	8.3
26	11.6	11.0	11.2	11.9	10.9	11.3	10.7	9.0	9.7	10.3	7.8	8.7
27	11.3	10.8	11.0	11.9	10.8	11.3	10.8	8.9	9.7	10.0	7.8	8.6
28	11.4	10.9	11.1	12.2	10.8	11.4	11.0	9.0	9.8	10.4	7.8	8.8
29	11.4	10.6	10.9	12.1	10.8	11.3	10.4	9.0	9.6	10.3	7.8	8.9
30	---	---	---	12.2	10.5	11.3	10.2	8.3	9.2	10.6	7.9	8.9
31	---	---	---	11.7	10.2	10.8	---	---	---	10.2	7.8	8.8
MONTH	12.4	10.2	11.2	12.3	10.1	11.3	12.0	8.3	10.1	12.0	6.2	8.9

02168504 SALUDA RIVER BELOW LAKE MURRAY DAM NEAR COLUMBIA, SC--Continued

OXYGEN DISSOLVED (MG/L), 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	10.6	7.0	8.4	11.3	8.2	9.5	---	---	---	7.4	5.6	6.2
2	9.1	6.8	7.7	11.0	8.3	9.4	---	---	---	6.8	6.0	6.3
3	9.1	7.0	7.9	9.7	8.4	9.0	---	---	---	6.6	6.0	6.2
4	10.4	7.2	8.5	10.8	8.5	9.4	---	---	---	6.7	5.9	6.1
5	10.3	7.4	8.7	10.5	8.5	9.4	---	---	---	6.3	6.0	6.1
6	10.5	7.5	8.7	10.5	8.4	9.3	---	---	---	6.6	5.9	6.2
7	10.1	7.5	8.7	10.4	8.4	9.3	---	---	---	7.5	6.2	6.8
8	9.5	7.5	8.4	10.5	3.7	7.3	---	---	---	6.9	3.2	6.0
9	10.0	7.9	8.7	6.5	3.5	4.9	7.5	6.8	7.1	7.2	2.0	4.1
10	9.6	8.0	8.7	6.9	3.1	5.2	7.7	4.0	6.3	7.9	7.2	7.5
11	9.7	8.1	8.8	7.8	5.6	6.6	5.6	3.8	4.7	7.9	7.2	7.4
12	9.9	8.1	8.8	8.4	6.6	7.4	5.7	4.8	5.2	7.7	4.1	7.0
13	9.9	8.2	8.9	8.3	6.7	7.5	5.6	4.6	5.1	7.7	3.9	5.5
14	10.3	7.8	8.8	8.4	7.3	7.8	5.5	4.3	4.9	5.7	4.1	4.7
15	8.8	7.7	8.2	8.7	7.2	7.9	5.0	4.3	4.6	6.1	5.6	5.9
16	9.5	7.7	8.2	8.5	7.8	8.1	5.0	4.3	4.6	7.9	4.7	6.0
17	8.5	7.6	8.0	9.0	7.7	8.3	4.7	4.0	4.4	5.7	5.1	5.3
18	9.4	8.1	8.6	9.7	7.5	8.5	4.8	4.0	4.3	5.5	5.0	5.2
19	9.7	8.0	8.7	9.8	8.2	8.9	4.8	4.0	4.4	5.4	5.0	5.2
20	9.6	7.9	8.6	9.1	7.3	8.1	4.8	3.9	4.3	5.4	2.2	4.4
21	9.7	7.9	8.7	9.0	7.3	8.1	4.9	3.9	4.4	8.5	2.5	4.7
22	9.9	7.7	8.6	8.9	7.3	8.0	5.4	4.2	4.6	5.1	3.0	4.2
23	9.5	7.6	8.4	9.2	7.3	8.1	4.8	4.0	4.4	4.7	4.3	4.5
24	9.5	7.6	8.4	9.6	7.3	8.2	4.5	3.9	4.2	4.6	4.2	4.4
25	9.5	7.6	8.4	9.3	7.3	8.0	4.8	4.0	4.3	6.3	4.3	4.6
26	9.5	7.6	8.3	9.0	2.7	6.1	4.7	4.0	4.4	6.6	4.4	4.8
27	9.9	7.6	8.6	5.9	3.1	4.7	6.6	4.0	5.3	5.2	4.5	4.7
28	9.9	8.0	8.9	6.8	3.6	4.9	5.4	3.8	4.4	5.2	4.6	4.8
29	10.9	7.7	9.2	9.2	6.0	7.1	5.1	3.8	4.5	5.1	3.9	4.7
30	9.6	8.0	8.7	9.1	6.7	7.6	6.3	4.1	5.0	5.2	4.8	4.9
31	---	---	---	---	---	---	6.7	5.5	6.2	---	---	---
MONTH	10.9	6.8	8.5	11.3	2.7	7.8	7.7	3.8	4.9	8.5	2.0	5.5
YEAR	12.4	.6	8.3									

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: Mar. 25-28, which are fair. Flow regulated by Lake Murray (see sta 02168500).

AVERAGE DISCHARGE.--63 years, 2834 ft^3/s, 15.27 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, 14,200 ft^3/s, Oct. 29, gage height, 7.21 ft; minimum, 192 ft^3/s, gage height 1.45 ft, June 28, July 13; minimum daily, 201 ft^3/s, July 21.

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	234	434	2930	2190	370	1270	269	458	1680	266	575	324
2	230	632	662	2630	333	1640	279	368	652	270	371	227
3	227	628	1030	2310	886	1670	280	362	481	273	441	292
4	224	606	372	2790	548	793	276	376	238	276	707	444
5	254	2160	919	707	1010	456	243	384	247	276	567	656
6	248	707	524	654	710	350	325	472	238	276	399	319
7	414	517	379	3630	593	1600	307	1150	230	276	313	286
8	620	505	678	1070	589	1950	341	1140	219	804	345	375
9	255	376	375	606	571	1850	264	1140	245	563	385	1180
10	248	424	353	617	941	1780	268	653	342	438	472	558
11	217	2850	471	615	1330	1420	308	437	255	330	1040	428
12	217	3650	270	615	989	2500	539	564	254	218	653	345
13	278	577	247	569	1590	1240	420	596	243	259	599	430
14	1290	476	250	456	1470	1530	336	226	243	412	604	510
15	4210	593	326	1450	1460	3160	335	222	442	413	667	541
16	1890	491	2560	615	2170	2220	393	234	413	240	639	475
17	602	619	4410	629	4520	1140	348	254	489	217	657	429
18	600	505	4810	612	3030	814	350	236	303	211	650	522
19	604	322	2360	449	2250	557	355	222	278	210	647	447
20	607	703	1600	595	977	775	313	218	272	205	639	1390
21	954	937	885	495	1130	745	301	412	266	201	632	1060
22	1120	863	911	1140	1570	729	287	434	245	226	630	656
23	3150	390	2360	283	1130	303	301	367	236	206	668	523
24	695	216	1610	265	1330	267	307	442	234	203	664	477
25	513	252	763	277	2780	240	273	366	226	203	636	529
26	2570	295	610	278	3100	235	285	357	239	490	636	1190
27	4280	441	1650	781	1610	245	273	354	223	953	891	596
28	4680	404	2600	586	1640	280	264	328	350	402	1360	521
29	7320	312	3810	521	1570	296	330	311	441	266	890	515
30	3420	410	4070	385	---	259	466	294	256	258	619	498
31	752	---	2400	374	---	209	---	300	---	1930	697	---
TOTAL	42923	22295	47195	29194	42197	32523	9636	13677	10480	11771	19693	16743
MEAN	1385	743	1522	942	1455	1049	321	441	349	380	635	558
MAX	7320	3650	4810	3630	4520	3160	539	1150	1680	1930	1360	1390
MIN	217	216	247	265	333	209	243	218	219	201	313	227

CAL YR 1987 TOTAL 869492 MEAN 2382 MAX 12400 MIN 216
WTR YR 1988 TOTAL 298327 MEAN 815 MAX 7320 MIN 201

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 441874 MEAN 1211 MAX 7320 MIN 211

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, 25.0°C, July 19, 20, 25, 1988; minimum, 6.5°C, Jan. 27, Feb. 13, 1988.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Feb. 14, 1988; minimum, 2.4 mg/L, July 12, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1987.--WATER TEMPERATURE: Maximum recorded, 21.5°C, Aug. 10, 12; minimum recorded, 13.0°C, July 10, 13.
DISSOLVED OXYGEN: Maximum recorded, 12.4 mg/L, Aug. 21; minimum recorded, 3.9 mg/L, Aug. 26, 27.
WATER YEAR 1988.--WATER TEMPERATURE: Maximum, 25.0°C, July 19, 20, 25; minimum, 6.5°C, Jan. 27, Feb. 13.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Feb. 14; minimum, 2.4 mg/L, July 12.

TEMPERATURE, WATER (°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---	17.5	16.0	17.0	20.0	18.5	19.0
2				---	---	---	17.5	15.5	16.5	20.0	18.5	19.0
3				---	---	---	18.5	14.0	15.5	20.0	18.0	19.0
4				---	---	---	16.5	14.0	14.5	19.5	18.5	19.0
5				---	---	---	18.0	14.0	16.0	19.0	18.0	18.5
6				---	---	---	18.0	17.0	17.5	20.0	18.5	19.0
7				---	---	---	19.0	17.0	17.5	---	---	---
8				---	---	---	20.0	18.5	19.5	---	---	---
9				16.5	13.5	14.0	20.0	19.0	19.5	---	---	---
10				16.0	13.0	14.0	21.5	14.0	18.0	---	---	---
11				17.5	13.5	15.5	18.5	15.0	16.5	---	---	---
12				19.0	17.5	18.0	21.5	18.5	20.0	---	---	---
13				18.0	13.0	16.0	20.5	18.0	19.5	---	---	---
14				17.5	14.0	15.5	19.5	17.5	18.5	---	---	---
15				19.0	16.5	17.5	18.5	17.5	18.0	---	---	---
16				20.0	18.0	19.0	18.5	17.0	17.5	---	---	---
17				18.5	17.5	18.0	18.0	14.0	16.0	---	---	---
18				19.0	17.0	18.0	18.5	14.0	15.0	---	---	---
19				19.5	17.0	18.0	17.5	14.5	15.0	---	---	---
20				20.0	14.0	17.5	18.0	14.5	16.0	---	---	---
21				17.0	13.5	14.0	18.0	14.0	16.5	20.0	18.5	19.0
22				16.5	13.5	14.5	18.0	14.0	15.5	19.0	15.5	17.5
23				15.5	13.5	14.0	21.0	15.0	18.5	17.0	15.0	16.0
24				18.0	13.5	15.5	17.0	14.5	15.5	19.0	17.0	17.5
25				17.0	13.5	14.5	19.5	14.0	16.5	18.5	15.0	16.5
26				17.5	13.5	15.5	17.0	14.0	15.0	17.5	16.0	16.5
27				19.5	14.5	17.5	17.5	14.5	15.0	17.5	16.5	17.0
28				16.0	14.5	15.0	17.5	14.5	15.5	18.0	16.5	17.5
29				17.5	14.5	16.0	18.0	15.0	16.0	17.0	16.5	17.0
30				17.0	15.5	16.0	20.5	18.0	19.5	18.0	16.5	17.0
31				17.0	15.0	16.0	20.5	19.5	20.0	---	---	---
MONTH				20.0	13.0	16.0	21.5	14.0	17.0	20.0	15.0	18.0
YEAR	21.5	13.0	17.0									

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (°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	19.0	18.0	18.5	16.5	15.0	16.0	15.0	13.0	14.5	12.5	12.0	12.0
2	19.5	18.5	19.0	16.5	15.5	16.0	15.0	13.5	14.0	12.0	11.5	11.5
3	19.5	18.5	19.0	16.0	15.0	15.5	14.5	12.5	13.5	11.5	10.5	11.0
4	18.5	18.0	18.0	16.5	15.5	16.0	14.0	13.0	13.5	12.0	11.0	11.5
5	18.0	17.5	17.5	16.5	16.0	16.0	13.0	12.0	12.5	11.5	10.0	10.5
6	17.5	17.0	17.5	16.0	14.0	15.0	13.0	12.0	12.5	10.0	9.0	10.0
7	17.5	17.0	17.5	14.5	13.5	14.0	12.0	11.5	11.5	10.5	8.5	9.5
8	17.0	15.0	16.0	15.0	14.0	14.5	14.5	11.5	12.5	11.0	9.0	10.0
9	16.0	14.5	15.5	16.0	14.5	15.0	15.0	14.5	15.0	11.0	8.5	9.5
10	16.5	16.0	16.0	17.5	16.0	16.5	15.0	14.5	14.5	9.0	8.5	8.5
11	17.0	16.5	16.5	17.5	14.5	16.0	15.0	14.0	14.5	8.5	8.0	8.5
12	17.0	16.5	17.0	16.0	14.5	15.5	14.0	13.0	13.0	8.5	7.5	8.0
13	16.5	16.0	16.5	15.0	13.5	14.0	13.0	12.5	13.0	8.5	8.0	8.5
14	16.0	14.0	15.5	14.5	13.5	14.0	13.0	12.5	12.5	8.5	7.5	8.0
15	15.5	14.0	15.0	15.0	13.5	14.5	14.0	13.0	13.5	9.0	7.0	8.0
16	16.0	14.0	15.0	16.0	14.5	15.5	14.0	12.0	13.0	8.0	7.5	8.0
17	15.5	15.0	15.5	16.5	16.0	16.0	13.0	12.0	12.5	8.5	7.5	8.0
18	16.0	15.0	15.5	16.5	16.0	16.0	12.5	11.5	12.0	9.0	8.5	8.5
19	16.0	15.0	15.5	16.0	15.0	15.5	12.5	11.0	12.0	10.0	9.0	9.0
20	16.5	15.5	16.0	15.0	14.0	14.5	12.5	12.0	12.5	11.0	10.0	10.5
21	16.5	15.0	16.0	14.0	13.0	13.5	12.5	12.5	12.5	11.0	10.0	10.5
22	15.0	13.5	14.5	14.5	13.5	14.0	13.5	12.5	13.0	10.0	8.5	9.5
23	16.0	13.0	15.0	14.0	13.0	13.5	12.5	11.5	12.0	9.0	8.5	8.5
24	15.0	14.0	14.5	14.0	13.5	14.0	12.5	11.5	12.0	8.5	8.0	8.5
25	15.0	15.0	15.0	15.0	14.0	14.0	13.0	12.0	12.5	8.5	8.0	8.5
26	16.0	14.5	15.0	15.5	15.0	15.5	14.5	13.0	13.5	8.5	7.5	8.0
27	15.0	14.0	14.5	16.5	15.5	16.0	14.5	12.0	12.5	8.0	6.5	7.5
28	16.5	14.5	15.5	16.5	15.5	16.0	12.5	12.0	12.0	8.0	7.0	7.5
29	16.0	14.5	15.5	15.0	15.0	15.0	13.0	11.5	12.0	9.0	7.5	8.0
30	16.5	14.5	15.5	15.0	14.0	14.5	13.0	12.0	12.5	9.5	8.0	8.5
31	15.5	14.5	15.0	---	---	---	13.0	12.0	12.5	10.5	9.0	9.5
MONTH	19.5	13.0	16.0	17.5	13.0	15.0	15.0	11.0	13.0	12.5	6.5	9.0

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

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

TEMPERATURE, WATER (°C), 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	20.0	12.5	18.0	20.5	19.5	20.0	19.5	15.0	17.0	21.0	20.0	20.5
2	17.0	13.5	15.0	21.0	19.5	20.0	22.0	19.5	20.5	21.0	20.0	20.5
3	18.5	16.5	17.5	21.0	19.0	20.0	21.5	20.0	20.5	22.0	20.5	21.5
4	18.0	16.0	17.0	19.5	19.0	19.0	20.0	17.0	18.5	23.0	21.5	22.0
5	19.5	18.0	18.5	20.5	19.0	19.5	19.0	17.0	18.0	23.0	21.5	22.5
6	20.5	19.0	19.5	21.0	20.0	20.5	20.5	18.0	19.0	23.5	21.5	23.0
7	21.5	20.5	21.0	21.5	20.0	21.0	22.0	19.5	20.5	23.0	22.0	22.5
8	22.5	21.5	22.0	21.5	14.5	20.0	22.5	21.0	22.0	22.0	19.5	20.5
9	22.5	21.5	22.0	18.0	14.5	16.5	22.0	20.0	21.0	19.5	17.5	18.5
10	22.0	20.5	21.0	18.5	17.5	18.0	21.5	19.5	20.5	20.5	17.0	18.5
11	21.5	20.0	20.5	19.5	17.5	18.5	19.5	15.0	17.0	21.5	20.0	21.0
12	21.0	19.5	20.5	21.5	19.5	20.0	19.5	18.0	19.0	22.0	21.0	21.5
13	21.0	20.0	20.5	23.5	21.5	22.5	19.5	18.5	18.5	22.0	21.0	21.5
14	21.5	20.5	21.0	23.5	21.5	22.5	19.0	17.5	18.5	21.5	19.5	20.5
15	21.5	19.5	20.5	22.5	20.5	21.5	17.5	17.0	17.0	19.5	18.5	19.0
16	19.5	17.0	18.5	21.5	20.0	20.5	18.0	17.0	17.5	18.5	18.0	18.0
17	18.5	17.0	17.5	22.5	21.0	21.5	18.5	17.5	18.0	18.5	17.5	18.0
18	19.0	16.0	17.0	24.5	22.5	23.0	18.5	17.5	18.0	19.0	18.5	18.5
19	20.5	19.0	19.5	25.0	24.5	24.5	19.0	18.0	18.5	20.0	18.5	19.5
20	21.5	20.5	21.0	25.0	24.5	24.5	19.0	18.0	18.5	21.5	16.0	19.5
21	22.0	21.0	21.5	25.0	24.5	24.5	19.0	18.0	18.5	19.5	16.0	17.0
22	22.5	21.5	22.0	24.5	23.5	24.0	18.5	17.5	18.0	19.0	16.5	17.5
23	23.5	22.5	23.0	23.5	23.0	23.0	18.0	17.5	17.5	18.5	17.0	17.5
24	24.5	23.0	23.5	23.5	22.5	23.0	17.5	17.0	17.0	20.0	18.0	19.0
25	24.5	23.5	24.0	25.0	23.5	24.0	18.5	17.0	17.5	20.5	19.0	19.5
26	24.0	23.5	24.0	24.5	19.5	23.5	18.5	17.5	18.0	21.0	19.5	20.5
27	24.0	23.0	23.5	19.0	16.5	17.0	18.0	16.5	17.5	20.0	19.0	19.5
28	23.5	22.0	23.0	19.5	18.0	18.5	19.5	15.0	16.5	19.5	18.5	19.0
29	21.5	17.0	18.0	22.5	20.0	20.5	20.5	19.0	20.0	20.0	18.5	19.0
30	19.0	18.0	18.5	23.0	22.5	22.5	19.0	17.0	18.0	19.5	18.0	19.0
31	---	---	---	23.0	14.5	21.5	20.0	17.0	18.5	---	---	---
MONTH	24.5	12.5	20.5	25.0	14.5	21.0	22.5	15.0	18.5	23.5	16.0	20.0
YEAR	25.0	6.5	15.5									

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---	11.3	8.3	9.5	9.1	7.3	8.0
2				---	---	---	11.9	8.0	10.0	9.8	7.6	8.6
3				---	---	---	11.5	5.7	8.3	9.9	8.0	8.9
4				---	---	---	9.9	6.5	7.4	9.7	8.1	8.6
5				---	---	---	9.0	6.6	7.6	8.1	7.1	7.7
6				---	---	---	9.5	7.7	8.6	8.0	7.1	7.4
7				---	---	---	9.4	8.3	8.6	7.8	6.6	7.2
8				---	---	---	9.9	7.0	8.4	---	---	---
9				8.9	6.4	7.2	10.0	8.4	9.1	---	---	---
10				8.5	6.3	6.9	10.2	5.0	7.2	---	---	---
11				8.9	6.8	7.7	8.7	5.8	7.1	---	---	---
12				9.2	7.9	8.5	9.4	7.1	8.1	---	---	---
13				9.3	6.1	7.6	9.1	6.0	7.6	---	---	---
14				8.9	6.6	7.7	9.8	5.8	7.7	---	---	---
15				9.5	8.0	8.7	9.7	6.7	8.1	---	---	---
16				9.9	7.9	8.8	10.5	7.8	8.9	---	---	---
17				10.4	8.6	9.4	10.9	4.8	7.7	---	---	---
18				10.8	8.8	9.7	9.8	5.0	6.5	---	---	---
19				10.9	8.9	9.8	8.4	5.7	6.4	---	---	---
20				11.6	7.3	9.5	11.9	8.3	9.4	---	---	---
21				9.4	6.0	6.9	12.4	7.0	9.0	10.2	7.9	9.0
22				8.8	5.9	6.8	10.9	7.3	8.8	11.1	6.6	9.1
23				8.5	5.8	6.6	11.1	6.1	9.6	9.7	6.1	7.2
24				9.9	7.3	8.3	8.7	6.1	7.2	10.7	8.5	9.5
25				9.9	6.7	7.6	10.4	4.7	7.5	10.4	4.3	6.8
26				9.9	6.8	8.0	9.7	3.9	5.9	11.4	7.2	9.2
27				9.8	8.2	8.8	8.2	3.9	5.1	12.3	8.0	9.9
28				10.2	7.7	8.7	7.7	4.6	5.7	12.3	9.2	10.8
29				10.7	8.0	9.0	9.0	6.0	7.3	11.6	8.6	10.4
30				11.1	8.0	9.0	9.0	6.5	7.7	8.4	7.0	7.7
31				11.0	7.8	9.0	8.6	6.6	7.7	---	---	---
MONTH				11.6	5.8	8.3	12.4	3.9	7.9	12.3	4.3	8.6
YEAR	12.4	3.9	8.2									

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.8	7.2	7.9	8.3	6.4	7.1	8.7	7.9	8.3	10.8	10.1	10.4
2	9.1	8.2	8.6	8.4	7.5	8.1	9.2	8.3	8.8	10.8	10.1	10.3
3	9.5	8.5	8.9	7.8	7.2	7.5	9.4	8.9	9.1	10.6	10.2	10.4
4	10.1	9.1	9.3	7.5	7.0	7.2	9.3	8.6	8.9	10.7	10.1	10.4
5	10.1	8.4	9.4	7.0	4.1	5.9	9.8	9.0	9.4	11.7	10.6	11.1
6	9.8	8.3	9.3	6.1	4.5	5.4	9.8	9.2	9.5	11.4	10.8	11.0
7	10.0	8.8	9.5	6.6	5.4	6.0	10.1	9.6	9.8	11.1	10.1	10.7
8	10.5	9.5	10.0	6.5	5.4	5.9	10.2	9.6	9.9	11.2	10.4	10.8
9	9.6	8.2	9.0	6.2	4.6	5.5	9.4	8.8	9.2	11.5	10.6	11.1
10	10.0	9.1	9.4	5.9	4.8	5.2	9.7	9.0	9.3	11.8	11.1	11.4
11	10.1	9.6	9.8	---	---	---	10.0	9.0	9.5	11.8	11.3	11.5
12	9.9	8.6	9.1	---	---	---	10.1	9.5	9.8	11.8	11.3	11.5
13	9.0	7.9	8.4	7.6	3.8	6.0	10.0	9.3	9.6	11.6	11.2	11.4
14	9.0	6.5	8.5	7.9	7.5	7.6	10.0	9.5	9.7	11.9	11.1	11.4
15	6.4	4.5	5.5	8.6	7.4	8.0	9.9	9.3	9.6	11.9	11.2	11.5
16	6.4	4.9	5.5	8.0	7.3	7.6	10.2	8.8	9.6	12.1	11.1	11.6
17	8.6	6.4	7.5	8.0	7.2	7.5	---	---	---	11.8	11.4	11.6
18	8.6	7.6	8.1	7.5	7.0	7.1	---	---	---	11.4	11.0	11.2
19	8.6	7.5	8.0	7.7	7.0	7.3	---	---	---	11.2	10.5	10.8
20	8.6	7.3	7.9	8.9	7.4	8.0	---	---	---	10.5	10.1	10.4
21	8.5	6.5	7.6	9.1	7.0	7.7	---	---	---	10.3	9.9	10.1
22	8.6	5.6	7.0	8.5	6.9	7.6	---	---	---	11.5	10.1	10.9
23	7.1	3.3	5.6	8.8	7.3	7.9	10.1	9.8	10.0	10.9	10.6	10.8
24	8.6	6.2	7.5	7.6	6.6	7.1	10.8	10.0	10.4	10.9	10.5	10.7
25	7.9	6.6	7.2	7.8	6.6	7.4	10.2	9.7	9.9	11.0	10.4	10.6
26	7.8	4.7	6.3	8.0	6.6	7.2	10.1	9.6	9.8	10.8	10.4	10.5
27	6.7	3.4	4.3	7.3	6.1	6.9	10.1	9.5	9.8	12.2	11.1	11.7
28	6.7	3.7	5.0	7.1	6.6	6.8	9.9	9.4	9.7	12.0	11.5	11.8
29	6.1	3.6	4.8	7.8	6.4	7.1	10.6	9.4	9.9	11.9	11.5	11.8
30	6.7	4.6	5.4	8.5	7.5	7.9	10.4	10.0	10.2	11.8	11.4	11.6
31	6.4	5.1	5.5	---	---	---	10.7	10.2	10.5	11.5	11.2	11.4
MONTH	10.5	3.3	7.6	9.1	3.8	7.0	10.8	7.9	9.6	12.2	9.9	11.1

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

02169000 SALUDA RIVER NEAR COLUMBIA, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	---	---	---	10.1	8.2	9.1	5.6	4.8	5.2	6.8	5.5	6.0
2	---	---	---	10.7	9.0	9.7	7.2	5.0	5.8	6.9	6.1	6.5
3	---	---	---	10.6	8.5	9.4	7.6	5.4	6.5	6.8	6.1	6.5
4	---	---	---	10.6	8.5	9.3	8.4	7.3	7.8	6.3	5.4	5.8
5	---	---	---	10.8	9.2	10.0	7.6	6.4	7.0	5.7	5.1	5.5
6	---	---	---	10.7	9.0	9.8	8.5	7.0	7.7	5.2	4.3	4.8
7	9.4	8.5	9.0	10.8	8.7	9.7	8.3	6.9	7.6	6.2	4.8	5.4
8	9.2	7.6	8.5	10.9	5.7	9.2	8.4	6.3	7.4	6.3	5.5	5.9
9	8.4	7.3	7.9	8.2	2.7	5.7	8.7	7.0	7.7	6.2	5.3	5.9
10	7.9	6.4	6.9	8.2	6.7	7.4	9.2	7.3	8.1	6.1	5.2	5.6
11	7.7	6.4	6.9	7.6	3.9	5.5	8.8	7.1	7.9	6.6	5.5	5.9
12	9.1	7.6	8.1	6.4	2.4	4.3	7.3	6.6	6.9	6.9	5.5	6.1
13	9.4	8.4	8.9	7.9	5.2	6.3	8.4	7.1	7.7	7.1	5.7	6.3
14	9.7	8.4	9.0	9.1	6.9	7.8	8.1	6.9	7.6	7.2	6.3	6.7
15	10.1	7.9	9.1	9.2	7.7	8.3	9.0	7.1	7.9	7.1	6.4	6.7
16	10.4	9.0	9.6	7.7	6.6	7.2	9.2	7.6	8.4	7.4	6.5	6.8
17	10.1	9.0	9.6	8.0	5.7	6.6	9.6	7.9	8.7	7.3	6.5	6.9
18	10.8	9.2	9.8	7.9	5.1	6.8	9.7	7.7	8.7	6.6	5.8	6.2
19	10.6	8.8	9.8	8.1	7.0	7.6	9.9	7.8	8.8	7.0	5.5	6.1
20	10.4	8.7	9.7	7.9	6.5	7.2	9.6	7.6	8.7	7.4	3.9	6.1
21	10.3	8.5	9.5	7.5	6.4	7.0	9.6	7.7	8.7	6.4	4.1	5.1
22	10.2	8.3	9.3	7.2	5.5	6.3	9.9	7.7	8.7	6.6	4.3	5.4
23	9.7	8.1	9.2	6.6	5.3	5.8	10.0	8.2	9.0	6.8	5.2	6.0
24	9.9	8.2	9.0	7.4	6.1	6.6	9.7	7.8	8.7	7.1	5.7	6.4
25	9.7	8.1	8.9	7.4	6.5	7.0	9.7	8.1	8.8	7.4	6.1	6.6
26	9.4	7.9	8.6	8.0	6.2	7.0	9.6	7.3	8.4	6.6	4.7	5.2
27	8.8	7.1	7.8	8.4	7.3	7.8	9.2	7.2	8.1	6.1	4.8	5.4
28	9.6	7.9	8.5	7.7	6.9	7.3	7.7	6.7	7.1	6.8	5.1	6.0
29	11.0	9.3	9.9	7.6	6.1	6.8	6.8	6.0	6.3	7.5	6.0	6.7
30	10.8	9.3	9.8	7.5	6.2	6.9	7.5	6.8	7.1	7.5	6.5	6.9
31	---	---	---	7.6	5.0	6.6	7.0	5.9	6.6	---	---	---
MONTH	11.0	6.4	8.9	10.9	2.4	7.5	10.0	4.8	7.7	7.5	3.9	6.1
YEAR	12.4	2.4	8.7									

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.--No estimated daily discharges. Records fair. 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.--49 years, 9,154 ft^3/s, 15.83 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, 24,700 ft^3/s, Jan. 23, gage height, 9.78 ft; minimum, 770 ft^3/s, June 28, gage height 1.49 ft; minimum daily, 1240 ft^3/s, Sept. 3.

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	3080	2900	8970	10700	5630	3770	4610	4260	3630	1780	2480	1550
2	2600	1840	3360	8700	4620	3990	4730	2780	2330	1770	2010	1310
3	2310	3650	2530	8880	6420	5070	3610	3120	2150	1640	2150	1240
4	1630	4020	3810	9890	6480	5740	2090	3020	1610	1760	2090	1550
5	3170	3660	5600	8710	6610	5450	2330	3490	1620	1940	2140	3210
6	3290	1820	4340	7590	8590	5320	4590	4980	1630	1620	1910	2230
7	2840	1850	2790	11000	6030	4420	4780	4210	1780	1820	1780	2700
8	1620	1980	3070	7720	5900	4360	5870	3850	1840	2350	1870	3250
9	1720	1610	2800	5860	5880	4420	7320	5380	1860	5900	1840	6250
10	1310	2890	3570	5830	6100	6480	4730	3800	2210	2010	1780	5820
11	1650	4690	5140	5820	6530	6890	3520	2770	2650	1820	2670	3850
12	1550	7120	5070	5890	6180	7980	3900	2690	2750	1570	2250	2010
13	1450	5020	5120	4300	5790	6730	9310	3250	2550	1840	2900	1930
14	2980	4160	2970	4060	3220	7010	8630	3330	2350	2020	2040	1990
15	5520	3670	3020	6520	3730	8250	6810	2810	2330	1840	2150	2110
16	4630	3510	6950	6350	7060	6800	6780	2630	2370	1760	2220	1900
17	1820	4680	8880	5740	9180	4100	6640	2320	1910	1720	1960	1870
18	1970	4050	9400	6510	7510	3750	5660	2810	2040	1590	1970	2400
19	1870	2030	6870	8740	6050	4990	5020	2990	1890	2330	1950	3510
20	2880	2590	6340	13200	6530	6150	5180	3480	1850	1670	1950	4180
21	3240	3390	5860	21300	5640	4650	4970	3590	2690	1690	2110	5150
22	2450	3350	5980	22300	5200	4450	4900	3890	3440	1750	2370	4610
23	4090	2710	7240	17900	4550	4700	4860	3370	3000	1710	1920	4610
24	2360	2660	6620	6990	5480	6270	4980	2950	3360	1710	1960	1910
25	1720	2950	5910	5680	6900	5250	5010	3080	1900	1930	1720	1960
26	3620	3510	4820	9750	6430	4100	5030	2930	1800	1610	1640	2980
27	6270	4080	4640	6410	4910	4290	4920	2810	1910	2980	1840	2230
28	7340	4600	7330	5750	4580	4570	4020	2880	1530	2370	2840	2040
29	9700	6280	11200	5630	3950	5640	4070	2770	1890	2170	2620	1990
30	4880	9210	12900	5440	---	5690	4150	2760	1880	1780	1760	1960
31	4050	---	9220	5480	---	4890	---	2830	---	2960	2020	---
TOTAL	99610	110480	182320	264640	171680	166170	153020	101830	66750	63410	64910	84300
MEAN	3213	3683	5881	8537	5920	5360	5101	3285	2225	2045	2094	2810
MAX	9700	9210	12900	22300	9180	8250	9310	5380	3630	5900	2900	6250
MIN	1310	1610	2530	4060	3220	3750	2090	2320	1530	1570	1640	1240

CAL YR 1987 TOTAL 3092270 MEAN 8472 MAX 120000 MIN 1310
WTR YR 1988 TOTAL 1529120 MEAN 4178 MAX 22300 MIN 1240

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

WATER-QUALITY RECORDS

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

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

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, 27.5°C, June 23, 24; minimum, 7.5°C, Mar. 15.

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

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

02169500 CONGAREE RIVER AT COLUMBIA, SC--Continued

WATER-QUALITY RECORDS--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.0	15.5	19.5	---	---	---	---	---	---	21.0	18.5	19.5
2	16.5	14.0	15.5	---	---	---	---	---	---	21.5	20.0	21.0
3	17.5	15.0	16.0	---	---	---	---	---	---	22.5	21.0	21.5
4	19.0	15.5	17.5	---	---	---	---	---	---	23.0	21.5	22.0
5	21.0	16.0	18.5	---	---	---	---	---	---	23.0	21.5	22.5
6	21.0	19.0	20.0	---	---	---	---	---	---	23.0	21.5	22.5
7	22.0	18.5	20.0	---	---	---	---	---	---	23.5	21.0	22.0
8	22.0	20.0	21.0	25.5	22	23.5	---	---	---	21.5	20.5	21.0
9	---	19.5	---	24.0	20	22.0	---	---	---	20.5	19.5	20.0
10	---	---	---	21.5	19	20.5	26.0	22.0	24.0	21.0	19.5	20.0
11	---	---	---	23.0	20	21.5	22.0	17.0	20.0	22.0	20.5	21.0
12	---	---	---	24.5	21	22.5	21.0	17.0	19.0	23.0	21.0	22.0
13	---	---	---	25.5	22	23.5	23.0	19.5	21.0	23.5	21.0	22.0
14	---	---	---	27.0	23	25.0	21.5	19.5	20.5	23.5	21.5	22.5
15	---	---	---	---	---	---	20.5	19.0	19.5	21.5	20.0	21.0
16	---	---	---	---	---	---	21.0	18.5	19.5	20.0	19.0	19.5
17	---	---	---	---	---	---	21.0	18.5	19.5	20.0	18.5	19.0
18	---	---	---	---	---	---	21.5	19.0	20.0	19.5	18.5	19.0
19	---	---	---	---	---	---	22.0	19.0	20.5	21.0	19.0	20.0
20	---	---	---	---	---	---	22.5	19.5	21.0	22.5	19.0	21.0
21	---	---	---	---	---	---	21.5	19.5	20.5	19.0	16.5	18.0
22	26.5	23.5	25.0	---	---	---	21.0	19.5	20.0	20.5	18.5	19.0
23	27.5	24.0	25.5	---	---	---	20.5	19.0	19.5	20.5	18.0	19.0
24	27.5	24.5	26.0	---	---	---	20.0	18.5	19.5	22.0	18.5	19.5
25	27.0	25.0	26.0	---	---	---	20.5	18.0	19.5	22.0	19.5	20.5
26	---	25.0	---	---	---	---	21.0	18.5	20.0	21.0	19.5	20.0
27	---	---	---	---	---	---	20.5	18.5	19.5	21.5	19.5	20.0
28	---	---	---	---	---	---	19.5	17.5	18.0	20.5	19.0	20.0
29	---	---	---	---	---	---	21.0	19.0	20.0	20.5	19.5	20.0
30	---	---	---	---	---	---	20.5	19.5	20.0	20.5	19.0	20.0
31	---	---	---	---	---	---	19.5	18.5	19.0	---	---	---
MONTH	27.5	14.0	21.0	27.0	19	22.5	26.0	17.0	20.0	23.5	16.5	20.5
YEAR	27.5	7.5	18.5									

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.--Records fair, except for estimated daily discharges, Oct. 26 to Nov. 19, June 30 to July 11, and July 15-18, which are poor. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--22 years, 75.5 ft^3/s, 17.20 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)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov. 27	1600	585	5.32	Aug. 28	2400	*1160	*6.99

Minimum daily, 4.0 ft^3/s, Aug. 27.

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	37	22	108	54	81	38	33	23	12	8.0	32	119
2	33	25	84	109	82	34	38	20	12	8.4	19	76
3	30	27	81	163	156	34	33	19	12	9.0	16	88
4	25	31	79	162	168	37	31	26	11	9.6	13	130
5	24	32	70	122	133	40	30	68	11	14	12	266
6	23	29	66	98	111	38	28	50	11	14	23	170
7	24	25	64	96	97	35	30	38	11	11	26	96
8	23	26	64	96	90	33	26	28	11	9.6	14	80
9	21	29	64	85	87	36	23	23	28	8.8	12	326
10	21	91	78	92	84	70	22	22	107	8.0	11	328
11	21	33	69	96	82	82	26	26	60	9.5	9.3	172
12	23	30	61	91	91	66	119	22	38	9.9	8.6	105
13	22	29	56	95	84	76	225	19	23	18	7.4	71
14	20	28	52	94	78	55	186	18	16	12	6.9	54
15	20	30	89	87	75	43	218	17	13	9.5	5.9	44
16	20	32	81	83	72	39	99	16	12	8.9	5.6	37
17	21	230	68	95	71	35	65	17	11	8.1	5.4	43
18	21	150	60	134	67	43	61	21	11	6.5	5.2	73
19	20	110	56	142	100	83	84	18	11	5.6	4.9	63
20	21	85	53	185	90	72	69	17	16	5.9	4.7	57
21	22	71	58	166	84	59	54	15	26	8.6	4.6	50
22	21	64	97	142	75	47	50	14	14	43	4.5	43
23	21	58	81	119	68	41	43	16	11	22	4.8	37
24	21	54	74	104	64	40	53	29	11	15	5.1	30
25	22	49	71	107	58	40	45	43	11	11	4.4	44
26	28	79	67	102	57	49	42	38	11	8.8	4.1	125
27	210	347	65	93	55	54	36	22	11	79	4.0	81
28	40	267	70	88	51	47	35	16	11	207	230	57
29	35	182	67	85	43	43	29	13	9.5	177	816	43
30	23	149	59	83	---	39	25	12	8.2	147	251	35
31	21	---	56	82	---	35	---	12	---	68	176	---
TOTAL	934	2414	2168	3350	2454	1483	1858	738	560.7	980.7	1746.4	2943
MEAN	30.1	80.5	69.9	108	84.6	47.8	61.9	23.8	18.7	31.6	56.3	98.1
MAX	210	347	108	185	168	83	225	68	107	207	816	328
MIN	20	22	52	54	43	33	22	12	8.2	5.6	4.0	30

CAL YR 1987 TOTAL 36523 MEAN 100 MAX 899 MIN 11
WTR YR 1988 TOTAL 21629.8 MEAN 59.1 MAX 816 MIN 4.0

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 1988.

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

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, 10.5°C, Mar. 16, 17, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, June 24, July 27, Aug. 1; minimum, 10.5°C, Mar. 16, 17.

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

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

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.0	26.0	23.5	22.5	23.0	30.5	25.0	27.5	25.5	24.0	24.5
2	26.5	22.0	24.5	23.5	22.0	22.5	29.0	25.0	27.5	26.0	25.0	25.5
3	26.0	22.0	24.0	23.5	21.5	22.5	29.0	27.5	28.5	27.5	25.5	26.5
4	24.5	22.5	23.5	22.0	21.0	21.5	28.5	27.0	28.0	27.5	26.5	27.0
5	22.0	19.0	20.5	25.5	21.5	23.0	28.5	26.5	27.5	27.5	25.5	26.5
6	21.5	20.0	20.5	24.5	22.0	23.0	28.0	26.5	27.0	27.0	26.0	26.5
7	22.5	20.5	21.5	24.5	21.5	23.0	27.0	26.0	26.5	26.0	25.0	26.0
8	23.0	22.0	22.5	24.5	23.5	24.0	26.5	25.0	26.0	25.0	23.0	24.0
9	23.0	21.5	22.5	28.5	24.5	27.0	26.5	25.5	26.0	23.5	23.0	23.0
10	24.0	22.5	23.0	28.5	27.5	28.0	26.5	25.0	26.0	25.5	23.5	24.5
11	24.0	21.5	22.5	27.5	25.5	26.5	29.5	24.5	27.0	25.5	25.0	25.5
12	25.0	23.5	24.0	25.5	23.5	24.5	28.5	27.5	28.0	26.5	25.5	26.0
13	25.0	23.5	24.5	24.0	22.5	23.5	29.0	27.0	28.0	27.0	25.5	26.0
14	25.5	23.5	24.5	26.5	24.0	25.5	28.5	28.0	28.5	28.5	26.5	27.5
15	24.5	22.0	23.0	26.5	25.5	26.0	27.5	26.5	27.0	28.0	27.0	27.5
16	25.5	24.0	25.0	25.5	24.0	25.0	28.0	26.5	27.0	27.0	25.5	26.5
17	25.0	22.5	23.5	25.0	23.5	24.0	27.5	26.5	27.0	25.5	24.5	25.0
18	24.5	22.5	23.5	25.0	24.0	24.5	26.5	25.5	26.0	24.5	24.0	24.5
19	24.0	23.0	23.5	---	---	---	27.0	26.0	26.5	25.5	23.5	24.5
20	25.0	23.0	24.0	---	---	---	27.0	25.5	26.0	27.0	25.5	26.0
21	29.0	24.0	26.0	---	---	---	27.0	26.0	26.5	26.5	25.0	26.0
22	30.0	28.0	29.0	28.0	26.0	27.0	28.5	26.5	27.5	26.5	25.5	26.0
23	29.5	29.0	29.5	27.0	25.5	26.0	28.0	26.0	27.0	27.0	26.0	26.5
24	30.5	28.0	29.0	27.0	25.0	26.0	26.5	25.5	26.0	28.0	26.0	27.0
25	30.0	27.5	29.0	28.5	25.5	26.5	25.5	24.5	25.0	28.5	27.0	27.5
26	27.0	24.5	25.5	28.5	24.0	26.5	29.0	23.5	27.0	27.0	24.5	26.5
27	26.0	24.5	25.0	30.5	23.5	27.0	28.5	26.5	27.5	25.5	24.0	24.5
28	24.5	22.0	23.5	28.5	27.0	27.5	27.0	24.5	26.0	25.5	24.5	25.0
29	25.0	21.5	23.0	29.0	27.0	28.0	25.5	24.0	24.5	26.0	24.5	25.5
30	24.5	22.5	23.0	28.5	27.5	28.0	27.0	25.5	26.5	25.5	24.5	25.0
31	---	---	---	28.0	26.5	27.5	26.0	25.0	25.5	---	---	---
MONTH	30.5	19.0	24.5	30.5	21.0	25.5	30.5	23.5	27.0	28.5	23.0	26.0
YEAR	30.5	10.5	23.0									

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: Dec 5-10, Mar. 23-26, 30, 31, Apr. 1-3, 27-30, May 1-26, June 27-30, July 1-18, 26-31, and Aug. 1-7, which are poor.

AVERAGE DISCHARGE.--22 years, 13.5 ft^3/s, 18.33 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)
June 26	1700	*77	*3.15				

Minimum, 3.6 ft^3/s, June 2, gage height, 0.47; minimum daily, 3.9 ft^3/s, June 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	11	11	13	11	13	11	10	10	4.9	6.0	9.8	8.3
2	9.7	11	13	16	12	11	9.4	9.6	3.9	5.6	9.2	7.5
3	9.2	11	12	20	13	11	10	9.2	4.6	5.8	8.8	7.1
4	9.0	11	12	19	15	12	13	10	4.8	6.2	8.4	7.8
5	9.2	12	11	15	14	12	12	11	4.8	7.0	8.3	10
6	9.0	11	11	13	13	11	11	10	4.7	7.4	10	7.8
7	8.7	10	10	14	12	11	11	9.8	4.6	6.8	7.0	6.8
8	7.4	11	10	17	12	11	10	9.6	5.3	6.6	5.8	7.4
9	7.9	11	11	14	12	12	9.7	9.4	6.2	6.2	5.9	26
10	8.8	15	12	14	12	43	9.4	9.5	11	5.9	5.2	23
11	9.5	14	13	13	12	23	9.4	10	6.3	5.6	5.1	14
12	9.6	12	12	13	13	17	15	9.8	5.2	6.0	5.0	11
13	8.8	11	11	14	12	16	24	9.0	4.9	8.1	4.8	9.4
14	8.7	11	11	14	12	14	14	8.8	4.7	7.2	5.1	8.5
15	9.3	10	15	14	12	14	12	8.8	4.5	6.8	5.8	8.0
16	9.4	10	15	13	12	13	11	8.6	4.4	6.0	5.7	7.7
17	9.0	26	12	15	12	13	11	8.4	4.6	5.2	5.4	8.1
18	8.9	23	12	19	12	14	11	9.4	6.2	4.9	5.0	15
19	8.8	15	11	19	19	16	15	8.9	5.0	4.3	5.0	13
20	8.9	13	11	20	16	14	12	8.3	4.6	4.2	4.9	10
21	8.8	12	12	18	14	13	11	7.9	4.4	4.2	5.5	8.8
22	8.7	11	15	16	13	13	11	7.5	5.1	4.5	6.0	8.0
23	9.2	11	13	15	12	12	11	7.8	4.3	4.9	8.1	7.7
24	9.3	11	12	14	12	11	12	7.4	4.1	5.2	8.7	7.5
25	9.6	11	13	14	12	11	11	7.3	4.1	8.4	6.1	8.0
26	9.7	15	13	14	12	12	12	7.2	19	11	5.5	18
27	24	27	12	13	12	14	11	6.5	14	10	5.5	11
28	16	21	13	13	12	13	10	6.2	10	13	21	9.8
29	13	17	14	13	11	12	11	5.7	9.0	12	26	9.0
30	12	15	12	13	---	11	10	5.5	7.4	11	13	8.4
31	11	---	12	13	---	11	---	5.3	---	10	9.9	---
TOTAL	312.1	410	379	463	370	432	349.9	262.4	186.6	216.0	245.5	312.6
MEAN	10.1	13.7	12.2	14.9	12.8	13.9	11.7	8.46	6.22	6.97	7.92	10.4
MAX	24	27	15	20	19	43	24	11	19	13	26	26
MIN	7.4	10	10	11	11	11	9.4	5.3	3.9	4.2	4.8	6.8

CAL YR 1987 TOTAL 5292.0 MEAN 14.5 MAX 58 MIN 6.7
WTR YR 1988 TOTAL 3939.1 MEAN 10.8 MAX 43 MIN 3.9

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.

GAGE-HEIGHT RECORDS

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

GAGE.--Data collection platform. Datum of gage is 68.73 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Flow affected by backwater from Lake Marion.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 15.95 ft, Mar. 4, 1987 (maximum observed gage height, 17.90 ft, Mar. 5, 1987 by Santee Cooper personnel); minimum gage height, 4.27 ft, Aug. 11, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.20 ft, Jan. 24; minimum, 4.40 ft, Aug. 26.

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	5.95	5.86	9.35	9.90	7.81	5.90	6.96	6.51	5.67	5.05	4.96	6.23
2	5.92	5.25	9.46	9.92	7.50	6.34	6.85	6.47	5.75	5.06	5.01	---
3	5.56	4.87	8.59	9.56	7.29	6.05	6.32	6.20	5.72	5.05	4.78	5.43
4	5.17	5.22	7.76	9.34	7.97	6.15	5.77	6.20	5.57	4.97	4.84	5.12
5	4.96	5.46	7.45	9.61	8.52	6.77	5.52	6.10	5.45	4.95	4.80	5.09
6	5.12	5.22	7.56	9.67	8.78	6.22	5.60	6.09	5.32	4.95	4.81	5.60
7	5.09	5.00	6.89	9.52	9.16	5.86	5.69	6.42	5.24	4.85	4.74	6.04
8	5.05	4.82	6.15	9.78	8.66	5.62	6.14	6.47	5.28	4.84	4.73	6.17
9	5.13	4.85	6.31	9.51	7.88	5.32	6.68	6.56	5.36	5.11	4.75	6.69
10	5.02	4.82	6.03	8.85	7.74	5.80	6.98	6.79	5.41	5.61	4.82	7.98
11	4.79	5.03	6.01	8.17	7.73	7.31	6.42	6.44	5.46	5.05	4.74	---
12	4.73	5.94	6.95	7.64	7.79	7.95	6.06	5.98	5.53	4.94	4.82	---
13	4.63	7.22	6.63	8.15	7.90	8.47	6.15	5.82	5.52	4.95	4.85	---
14	4.99	6.26	6.29	7.93	7.83	8.15	8.58	6.00	5.55	4.97	4.89	---
15	5.12	5.66	5.63	7.62	6.56	7.66	9.01	6.02	5.52	4.96	4.79	---
16	5.59	5.36	5.76	8.17	6.35	8.30	8.30	5.96	5.44	5.03	4.78	---
17	5.53	5.46	7.43	8.38	7.92	8.20	7.83	5.96	5.45	5.03	4.73	---
18	4.74	6.02	8.71	7.75	8.39	7.22	7.90	6.00	5.37	4.89	4.73	---
19	4.60	6.61	9.19	7.96	8.14	6.64	7.71	6.02	5.37	4.76	4.76	---
20	4.67	5.69	8.97	9.07	8.17	6.69	7.39	6.11	5.32	4.84	---	---
21	4.76	5.73	8.59	9.91	8.25	6.75	7.29	6.06	5.25	4.79	---	---
22	4.86	5.62	7.99	10.46	7.48	6.52	7.04	6.02	5.34	4.70	---	---
23	4.70	5.25	7.82	10.85	6.71	6.48	7.15	6.06	5.46	4.75	---	---
24	5.08	5.03	8.31	11.11	6.69	6.78	7.15	5.95	5.49	4.74	---	---
25	4.80	5.09	8.13	10.88	7.31	7.18	6.95	5.91	5.51	4.78	---	---
26	4.59	5.18	7.80	10.20	7.64	6.96	7.12	5.88	5.30	4.80	---	---
27	4.91	5.30	7.25	10.04	7.96	6.04	7.51	5.86	5.19	4.76	4.47	4.99
28	5.94	6.05	7.18	9.52	7.49	6.12	7.21	5.82	5.23	5.00	4.73	4.86
29	6.75	7.60	8.31	9.06	6.45	6.39	6.74	5.87	5.14	4.99	5.13	5.04
30	7.59	8.59	9.49	8.74	---	6.79	6.54	5.77	5.11	4.91	5.29	4.94
31	6.60	---	9.94	8.34	---	6.93	---	5.70	---	4.96	5.49	---
MEAN	5.26	5.67	7.68	9.21	7.73	6.76	6.95	6.10	5.41	4.94	---	---
MAX	7.59	8.59	9.94	11.11	9.16	8.47	9.01	6.79	5.75	5.61	---	---
MIN	4.59	4.82	5.63	7.62	6.35	5.32	5.52	5.70	5.11	4.70	---	---

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC--Continued

WATER-QUALITY RECORDS

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

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

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 32.0°C, July 24, 1988; minimum, 10.5°C, Mar. 17, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 32.0°C, July 24; minimum, 10.5°C, Mar. 17.

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

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

02169810 SANTEE RIVER AT TREZESVANTS LANDING NEAR FORT MOTTE, SC--Continued

WATER-QUALITY RECORDS--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.0	27.0	27.5	27.0	27.0	---	---	---	---	---	---
2	28.5	27.5	28.0	28.0	27.0	27.5	---	---	---	---	---	---
3	28.0	26.5	27.5	28.0	26.5	27.0	30.5	28.5	29.0	---	---	---
4	26.5	24.5	25.0	26.5	26.0	26.5	30.5	30.0	30.5	---	---	---
5	25.5	24.5	25.0	26.5	25.5	26.0	30.0	29.5	30.0	---	---	---
6	26.0	25.0	25.5	27.0	26.0	26.5	31.0	29.5	30.0	---	---	---
7	---	---	---	28.0	26.5	27.0	30.0	29.0	29.5	---	---	---
8	---	---	---	28.5	27.5	28.0	31.0	30.0	30.0	---	---	---
9	30.5	28.5	30.0	29.5	28.5	29.0	31.0	30.0	31.0	---	---	---
10	30.0	27.5	28.5	29.0	27.0	28.5	31.5	30.5	31.0	---	---	---
11	27.5	25.0	26.5	30.0	29.0	29.5	31.5	30.5	31.0	---	---	---
12	26.5	24.0	25.0	30.0	29.0	29.5	30.5	29.5	30.0	---	---	---
13	26.0	24.5	25.5	30.0	29.0	29.5	30.0	29.5	30.0	---	---	---
14	26.5	25.5	26.0	30.0	28.5	29.0	30.0	28.5	29.5	---	---	---
15	28.0	26.0	27.0	31.0	29.5	30.0	29.0	28.5	29.0	---	---	---
16	28.0	27.5	27.5	31.0	30.5	31.0	29.5	28.5	29.0	---	---	---
17	28.5	27.5	28.0	31.5	31.0	31.0	30.0	28.5	29.5	---	---	---
18	28.0	27.5	28.0	31.5	31.0	31.0	31.0	29.5	30.0	---	---	---
19	28.5	28.0	28.0	31.5	31.0	31.5	31.0	30.0	30.5	---	---	---
20	29.5	28.0	29.0	31.5	30.5	31.0	31.0	30.0	30.5	---	---	---
21	30.0	29.0	29.5	31.0	30.5	30.5	30.5	30.0	30.0	---	---	---
22	30.5	29.5	30.0	30.5	29.5	30.0	30.0	29.5	30.0	---	---	---
23	30.5	29.5	30.0	29.5	28.5	29.0	30.0	29.0	29.5	---	---	---
24	31.0	30.0	30.5	32.0	29.5	30.5	29.5	29.0	29.0	---	---	---
25	31.0	30.0	30.5	30.5	29.5	30.0	30.0	29.0	29.5	---	---	---
26	31.0	30.0	30.5	30.0	29.5	30.0	---	---	---	---	---	---
27	30.0	29.0	29.5	30.5	29.5	30.0	---	---	---	---	---	---
28	29.0	28.0	28.0	30.0	29.0	30.0	---	---	---	---	---	---
29	29.0	27.5	28.0	30.0	29.0	29.5	---	---	---	---	---	---
30	29.0	27.0	28.0	---	---	---	---	---	---	25.5	25.5	25.5
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	31.0	24.0	28.0	32.0	25.5	29.0	31.5	28.5	30.0	25.5	25.5	25.5
YEAR	32.0	10.5	23.5									

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 (see preceding page) for generation of power and for recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft, Feb. 28, 1964 (distorted due to high westerly winds); minimum, 61.36 ft, Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.22 ft, Apr. 28; minimum, 72.43 ft, Jan. 19, 20.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.50	73.75	74.00	72.82	73.10	73.36	74.11	74.96	74.68	74.14	73.73	73.92
2	74.50	73.77	73.98	72.86	73.04	73.28	74.15	74.98	74.67	74.11	73.72	73.98
3	74.42	73.78	74.13	72.99	73.06	73.27	74.16	74.96	74.62	74.10	73.76	74.02
4	74.17	73.79	74.14	72.98	73.10	73.33	74.17	74.92	74.62	74.02	73.79	74.06
5	74.10	73.81	74.18	72.88	73.07	73.33	74.09	74.91	74.60	74.02	73.79	74.19
6	74.06	73.70	74.26	72.85	73.06	73.35	74.24	74.82	74.55	73.98	73.75	74.24
7	73.99	73.71	74.28	73.06	73.08	73.27	74.12	74.84	74.50	73.94	73.78	74.24
8	73.95	73.71	74.22	73.06	73.23	73.17	74.13	74.90	74.51	73.90	73.78	74.30
9	73.93	73.75	74.18	73.11	73.37	73.29	74.16	74.93	74.52	73.92	73.77	74.58
10	73.90	73.82	74.14	73.11	73.50	73.36	74.25	75.07	74.53	73.95	73.76	74.65
11	73.92	73.73	73.98	73.05	73.57	73.37	74.22	74.93	74.48	73.96	73.74	74.74
12	73.90	73.58	73.91	72.94	73.62	73.38	74.60	74.85	74.45	73.95	73.75	74.88
13	73.79	73.63	73.85	72.91	73.41	73.50	74.35	74.82	74.47	73.99	73.66	74.94
14	73.76	73.66	73.77	72.72	73.44	73.57	74.45	74.84	74.48	74.00	73.73	74.93
15	73.66	73.68	73.79	72.63	73.65	73.45	74.59	74.79	74.45	73.89	73.73	74.89
16	73.65	73.72	73.55	72.53	73.55	73.40	74.65	74.81	74.43	73.86	73.72	74.93
17	73.66	73.85	73.41	72.52	73.55	73.48	74.70	74.82	74.49	73.83	73.66	74.99
18	73.65	73.87	73.39	72.47	73.46	73.71	74.77	74.82	74.41	73.78	73.59	75.06
19	73.65	73.88	73.39	72.44	73.55	73.73	74.85	74.81	74.40	73.77	73.57	75.10
20	73.65	73.86	73.44	72.50	73.66	73.76	74.86	74.79	74.36	73.75	73.59	75.11
21	73.62	73.74	73.47	72.59	73.62	73.72	74.89	74.73	74.30	73.73	73.59	75.07
22	73.51	73.68	73.46	72.72	73.59	73.83	74.93	74.69	74.26	73.74	73.56	75.06
23	73.46	73.68	73.32	72.78	73.63	73.88	75.07	74.73	74.27	73.76	73.58	75.05
24	73.51	73.68	73.26	72.97	73.61	73.97	75.05	74.71	74.30	73.75	73.57	75.03
25	73.50	73.68	73.19	73.29	73.57	73.94	75.02	74.71	74.32	73.77	73.53	75.08
26	73.47	73.78	73.10	73.31	73.43	74.00	75.07	74.72	74.36	73.75	73.50	75.08
27	73.54	73.84	73.01	73.33	73.40	73.99	75.13	74.71	74.28	73.82	73.50	75.07
28	73.57	73.87	73.04	73.34	73.38	74.01	75.07	74.69	74.22	73.79	73.77	75.01
29	73.58	73.93	72.77	73.31	73.41	74.04	75.02	74.71	74.19	73.74	73.75	74.95
30	73.68	74.04	72.72	73.22	---	74.06	74.96	74.73	74.21	73.73	73.85	74.89
31	73.73	---	72.73	73.16	---	74.08	---	74.69	---	73.74	73.85	---
MAX	74.50	74.04	74.28	73.34	73.66	74.08	75.13	75.07	74.68	74.14	73.85	75.11
MIN	73.46	73.58	72.72	72.44	73.04	73.17	74.09	74.69	74.19	73.73	73.50	73.92
(+)	34.3	35.6	30.5	32.1	33.1	35.8	39.5	38.3	36.3	34.4	34.8	39.2
(*)	-1344	502	-1904	597	399	1008	1427	-448	-772	-709	149	1698

CAL YR 1987 *25 MAX 76.71 MIN 72.09
WTR YR 1988 *41 MAX 75.13 MIN 72.44

(+) 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).

EXTREMES FOR CURRENT YEAR.--
Water Year 1986.--Maximum discharge, 16,600 ft^3/s, Dec. 6, gage height, 22.24 ft; minimum daily, 366 ft^3/s, Nov. 9, 10.
Water Year 1987.--Maximum daily discharge, 87,000 ft^3/s, Mar. 6; minimum daily, 417 ft^3/s, Oct. 26.
Water Year 1988.--Maximum daily discharge, 850 ft^3/s, Oct. 3; minimum daily, 462 ft^3/s, Mar. 22.

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	457	414	520	382	562	648	576	529	481	483	497	571
2	460	410	520	376	563	644	563	530	483	487	544	560
3	465	375	590	373	565	644	559	539	484	484	486	551
4	473	404	4400	386	583	655	562	538	485	483	487	516
5	485	422	14300	387	590	667	574	556	490	486	495	528
6	487	385	16600	403	573	682	577	538	482	487	499	524
7	491	373	4800	375	588	677	581	526	484	488	508	518
8	494	382	3180	404	588	666	591	536	489	487	506	517
9	497	366	1400	481	590	655	713	528	489	484	505	520
10	503	366	709	568	601	642	624	525	489	483	506	521
11	504	367	609	592	646	643	562	522	489	467	506	520
12	502	373	592	585	610	640	541	519	489	485	506	526
13	503	379	874	570	577	657	536	510	489	486	524	529
14	500	370	3110	560	577	715	538	508	489	488	545	521
15	490	383	1310	583	590	689	545	511	489	504	517	521
16	485	403	816	595	643	672	582	515	489	489	508	525
17	515	419	841	576	640	665	579	516	489	489	502	524
18	508	441	737	576	634	640	541	518	489	490	506	526
19	493	445	556	593	665	598	531	543	489	489	514	526
20	505	468	532	602	727	600	530	526	489	486	515	527
21	506	470	522	577	646	693	562	512	446	488	518	525
22	503	624	512	574	650	613	584	506	490	494	520	528
23	506	616	510	577	662	566	556	504	489	497	516	529
24	504	555	500	586	649	550	542	505	496	494	518	531
25	506	590	658	585	642	579	532	491	491	498	517	533
26	509	5040	686	589	634	580	527	500	485	500	502	529
27	513	15600	511	887	642	578	528	496	480	504	495	532
28	509	9960	502	786	626	562	531	487	491	504	554	527
29	525	2960	497	582	---	565	532	478	505	500	570	529
30	492	590	514	572	---	562	527	483	489	500	575	532
31	418	---	444	570	---	559	---	484	---	494	569	---
TOTAL	15308	44950	62852	16852	17263	19506	16826	15979	14608	15198	16030	15866
MEAN	494	1498	2027	544	617	629	561	515	487	490	517	529
MAX	525	15600	16600	887	727	715	713	556	505	504	575	571
MIN	418	366	444	373	562	550	527	478	446	467	486	516

CAL YR 1985 TOTAL 259086 MEAN 710 MAX 16600 MIN 366
WTR YR 1986 TOTAL 271238 MEAN 743 MAX 16600 MIN 366

02171500 SANTEE RIVER NEAR PINEVILLE, 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	515	552	519	478	520	527	515	515	515	515	545	590
2	515	534	506	436	523	3900	515	515	515	515	518	566
3	501	543	532	488	484	31300	515	515	515	515	544	596
4	487	523	508	500	509	49500	515	515	515	515	535	626
5	518	535	497	524	503	70900	515	515	515	515	549	816
6	494	537	519	466	505	87000	515	515	515	515	551	860
7	515	546	507	487	528	58000	515	515	515	515	573	786
8	531	534	529	489	651	20200	515	515	515	541	562	677
9	517	585	481	464	1090	18000	515	515	515	563	564	604
10	518	515	443	470	511	16500	515	515	515	555	571	603
11	530	515	471	549	460	3000	515	515	515	567	582	622
12	516	515	509	513	491	5000	515	515	515	512	596	601
13	507	515	506	496	518	5000	515	515	515	518	572	608
14	520	515	511	548	486	2000	515	515	515	559	584	600
15	521	515	494	555	497	1800	515	515	515	549	571	618
16	537	515	484	589	522	1500	515	515	515	555	575	580
17	526	515	495	606	504	1140	515	515	515	547	575	603
18	523	515	487	632	498	744	515	515	515	526	592	594
19	517	515	505	632	503	816	515	515	515	532	605	590
20	533	515	480	592	504	685	515	515	515	539	589	589
21	549	626	499	536	512	599	515	515	515	537	565	613
22	522	538	512	613	538	548	515	515	515	538	577	582
23	505	522	502	709	591	511	515	515	515	552	607	593
24	466	487	468	553	496	515	515	515	515	542	585	593
25	432	430	467	559	501	515	515	515	515	520	570	588
26	417	485	499	541	527	515	515	515	515	549	579	584
27	455	528	497	487	588	515	515	515	515	561	593	565
28	518	511	496	499	583	515	515	515	515	552	586	575
29	489	500	479	512	---	515	515	515	515	550	586	587
30	521	522	448	564	---	515	515	515	515	544	574	579
31	539	---	439	706	---	515	---	515	---	536	595	---
TOTAL	15754	15703	15289	16793	15143	383290	15450	15965	15450	16649	17770	18588
MEAN	508	523	493	542	541	12360	515	515	515	537	573	620
MAX	549	626	532	709	1090	87000	515	515	515	567	607	860
MIN	417	430	439	436	460	511	515	515	515	512	518	565

CAL YR 1986 TOTAL 194874 MEAN 534 MAX 887 MIN 373
WTR YR 1987 TOTAL 561844 MEAN 1539 MAX 87000 MIN 417

02171500 SANTEE RIVER NEAR PINEVILLE, 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	742	537	564	531	515	515	481	532	483	506	541	550
2	800	539	567	537	515	585	480	530	466	511	547	546
3	850	554	539	574	515	527	484	521	476	516	542	534
4	676	531	566	537	515	512	495	544	491	522	553	531
5	593	544	537	608	515	510	486	566	488	526	555	547
6	564	526	519	531	515	503	580	618	482	526	555	528
7	559	531	542	558	515	494	775	551	468	511	553	524
8	564	521	528	567	515	504	551	528	464	497	553	521
9	575	509	529	542	515	510	515	526	469	517	550	551
10	562	519	524	528	515	533	506	524	499	519	548	533
11	560	531	565	539	515	541	562	567	489	518	549	528
12	560	545	547	509	515	525	591	512	488	526	548	504
13	563	506	545	561	515	518	708	526	474	531	548	508
14	572	494	566	543	515	590	588	514	472	530	550	520
15	577	466	566	505	515	596	557	502	490	527	553	508
16	562	466	603	512	515	532	555	508	489	515	554	506
17	552	499	563	535	515	502	548	530	489	516	555	509
18	546	521	556	536	515	499	563	529	485	518	536	519
19	547	501	553	554	515	483	607	522	485	526	531	520
20	536	561	531	569	515	509	557	520	485	537	535	526
21	540	525	534	562	515	496	552	514	483	537	533	528
22	545	523	544	558	515	462	535	512	482	535	532	541
23	550	516	530	525	515	479	555	510	484	540	533	555
24	536	476	530	515	515	470	563	527	480	541	537	555
25	538	485	531	515	515	490	546	543	473	542	536	563
26	540	497	516	515	515	463	546	518	494	548	533	556
27	537	499	535	515	515	470	543	504	508	551	533	541
28	542	499	556	515	515	482	657	509	505	555	555	538
29	542	507	643	515	515	478	576	499	502	550	559	536
30	558	528	523	515	---	492	537	491	503	548	548	537
31	538	---	509	515	---	487	---	490	---	545	551	---
TOTAL	18026	15456	16961	16641	14935	15757	16799	16287	14546	16387	16906	15963
MEAN	581	515	547	537	515	508	560	525	485	529	545	532
MAX	850	561	643	608	515	596	775	618	508	555	559	563
MIN	536	466	509	505	515	462	480	490	464	497	531	504

CAL YR 1987 TOTAL 565541 MEAN 1549 MAX 87000 MIN 436
WTR YR 1988 TOTAL 194664 MEAN 532 MAX 850 MIN 462

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.

EXTREMES FOR CURRENT YEAR.--
Water Year 1986.--Maximum daily discharge, 10,800 ft^3/s, Nov. 29; minimum daily, -1330 ft^3/s, Feb. 3.
Water Year 1987.--Maximum daily discharge, 75,800 ft^3/s, Mar. 7; minimum daily, -560 ft^3/s, Nov. 30.
Water Year 1988.--Maximum daily discharge, 1,900 ft^3/s, Feb. 22; minimum daily, -351 ft^3/s, Dec. 1.

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	500	-856	1070	996	549	558	1300	536	515	542	560	526
2	500	-336	1580	273	755	-191	858	561	523	510	550	525
3	500	30	2330	601	-1330	1080	1440	582	522	535	566	1710
4	486	269	1160	564	98	880	966	551	533	512	527	1250
5	528	663	6180	527	2130	609	571	550	521	522	537	874
6	541	459	7340	857	1450	579	-146	561	523	545	536	598
7	547	414	9950	647	658	585	-858	543	541	552	554	96
8	552	417	10700	126	254	612	458	554	534	510	529	23
9	534	550	2960	1280	756	605	2190	575	527	532	538	1550
10	532	531	785	1870	824	639	1210	618	513	538	554	-157
11	553	1070	629	1120	612	648	876	553	523	509	602	-211
12	588	463	564	657	564	563	720	533	514	521	562	327
13	-267	139	549	620	574	570	635	556	513	529	527	880
14	1220	232	2250	-57	568	316	621	535	537	541	518	1870
15	433	306	2090	680	734	808	579	527	505	563	572	1030
16	770	398	875	-270	673	525	552	521	521	519	567	579
17	535	238	925	1720	619	448	569	531	539	525	570	175
18	563	370	781	966	602	649	618	587	538	535	604	909
19	549	350	515	651	621	-700	630	593	505	520	589	677
20	518	335	480	379	625	-211	603	558	491	535	553	-279
21	533	358	463	202	627	793	563	579	537	522	608	1030
22	559	421	449	1070	577	556	576	553	482	496	628	919
23	537	505	414	483	608	1100	398	577	529	500	631	629
24	598	481	453	25	645	-296	822	542	500	544	464	614
25	584	487	616	1420	619	744	601	533	616	518	668	617
26	556	860	758	594	625	795	579	535	552	539	468	539
27	573	6000	428	415	643	902	552	526	515	555	-300	566
28	435	8010	458	300	529	542	581	537	524	592	-534	619
29	213	10800	379	900	---	719	556	534	532	570	121	555
30	268	6200	735	700	---	1140	571	529	564	566	685	556
31	483	---	946	2220	---	-501	---	501	---	592	474	---
TOTAL	16021	40164	59812	22536	17209	16066	20191	17071	15789	16589	15028	9596
MEAN	517	1339	1929	727	615	518	673	551	526	535	485	653
MAX	1220	10800	10700	2220	2130	1140	2190	618	616	592	685	1870
MIN	-267	-856	379	-270	-1330	-700	-858	501	482	496	-534	-279

CAL YR 1985 TOTAL 260260 MEAN 713 MAX 10800 MIN -856
WTR YR 1986 TOTAL 276072 MEAN 756 MAX 10800 MIN -1330

02171560 SANTEE RIVER NEAR RUSSELLVILLE, 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	550	1120	170	508	609	700	550	550	666	216	557	637
2	550	700	445	914	575	3000	550	550	638	464	573	585
3	551	671	622	713	571	9800	550	550	654	777	561	590
4	498	454	591	618	564	23400	550	550	640	808	570	590
5	513	693	586	567	569	47100	550	550	634	685	366	590
6	521	570	507	456	573	66800	550	550	640	627	646	619
7	509	571	705	533	567	75800	550	550	578	555	678	569
8	509	-242	509	558	598	67800	550	550	703	-268	575	688
9	540	586	68	534	1250	55200	550	550	736	-125	582	634
10	542	975	444	532	638	48200	550	550	742	162	270	1250
11	551	863	515	624	524	38600	550	550	736	727	876	817
12	546	664	537	588	552	27300	550	550	159	742	605	842
13	536	768	542	600	903	19800	550	550	669	373	127	747
14	543	909	560	818	303	14800	550	550	720	252	1070	759
15	531	865	560	597	653	11300	442	550	730	303	617	965
16	540	838	563	1290	481	6580	366	550	691	534	583	668
17	529	713	541	758	521	2330	601	550	567	503	6.0	608
18	529	770	565	599	560	1850	550	550	650	706	165	677
19	527	120	555	758	570	1770	550	550	697	610	1360	618
20	533	151	551	-73	684	1850	350	1190	755	324	801	749
21	545	-285	571	465	571	1730	200	669	678	607	312	580
22	535	262	560	607	811	1500	700	685	433	522	419	594
23	525	374	548	756	1170	1300	800	208	653	465	998	637
24	509	139	557	668	-117	1300	550	222	399	509	797	1060
25	483	654	982	618	871	1300	550	729	788	-76	604	926
26	432	975	858	640	534	1200	550	752	551	-49	568	973
27	411	1740	406	570	727	1000	550	753	679	530	459	620
28	448	738	426	560	313	900	550	711	693	732	773	464
29	259	760	229	568	---	800	550	696	677	755	636	562
30	115	-560	472	593	---	700	550	743	373	521	595	560
31	191	---	458	820	---	600	---	725	---	.00	573	---
TOTAL	15101	17556	16203	19357	17145	536310	16109	18533	18929	13491.00	18322.0	21178
MEAN	487	585	523	624	612	17300	537	598	631	435	591	706
MAX	551	1740	982	1290	1250	75800	800	1190	788	808	1360	1250
MIN	115	-560	68	-73	-117	600	200	208	159	-268	6.0	464

CAL YR 1986 TOTAL 208935 MEAN 572 MAX 2220 MIN -1330
WTR YR 1987 TOTAL 728234.00 MEAN 1995 MAX 75800 MIN -560

02171560 SANTEE RIVER NEAR RUSSELLVILLE, 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	550	558	-351	500	-100	13	532	599	656	519	597	574
2	520	560	1020	532	395	151	531	571	644	522	586	566
3	422	565	1360	556	499	1460	525	577	642	529	597	557
4	-323	557	680	526	613	707	527	570	665	544	578	533
5	1510	565	423	616	-200	555	535	595	676	551	592	574
6	622	556	596	640	900	513	531	600	678	547	593	558
7	799	553	180	452	975	-4.0	641	672	673	548	586	550
8	597	551	433	722	800	706	782	629	660	537	593	558
9	585	557	438	609	700	917	623	608	644	529	585	570
10	586	555	551	534	725	481	566	602	630	555	585	573
11	580	144	322	515	200	-164	550	602	673	554	585	573
12	576	891	528	487	-100	366	537	629	687	556	590	550
13	588	632	585	336	-125	1360	602	601	692	551	584	535
14	578	526	387	482	900	294	662	610	675	595	579	336
15	508	505	509	623	600	98	636	610	681	620	591	761
16	659	492	359	574	550	1280	577	608	691	585	590	532
17	576	488	631	523	-100	977	602	611	700	554	589	520
18	555	557	866	1010	-100	579	556	644	698	556	591	528
19	558	561	571	764	800	533	561	648	681	559	557	527
20	550	535	384	606	-61	544	695	649	672	574	561	522
21	551	484	171	672	494	551	650	651	669	581	566	525
22	566	657	497	550	1900	538	611	648	650	590	563	526
23	555	556	338	550	721	523	589	648	644	577	554	540
24	563	530	834	550	458	476	401	618	635	600	554	536
25	557	515	656	550	476	549	807	660	597	589	555	580
26	563	510	587	550	1306	521	668	690	569	576	560	580
27	560	517	436	550	930	526	626	671	572	590	549	584
28	585	451	584	550	668	521	577	665	571	631	542	541
29	561	496	445	550	580	542	866	668	573	629	605	536
30	559	218	510	550	---	549	719	670	574	616	585	539
31	570	---	548	550	---	549	---	658	---	586	592	---
TOTAL	17786	15842	16078	17779	15404	17211.0	18285	19482	19472	17650	17934	16484
MEAN	574	528	519	574	531	555	609	628	649	569	579	549
MAX	1510	891	1360	1010	1900	1460	866	690	700	631	605	761
MIN	-323	144	-351	336	-200	-164	401	570	569	519	542	336

CAL YR 1987 TOTAL 729080.00 MEAN 1997 MAX 75800 MIN -351
WTR YR 1988 TOTAL 209407.0 MEAN 572 MAX 1900 MIN -351

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 1987 TO SEPTEMBER 1988

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	METRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	DISSOLVED (PERCENT SATURATION)
NOV									
02...	1400	101	7.00	17.5	6.0	53	766	7.9	82
30...	1300	105	6.70	10.5	7.0	27	762	8.5	76
DEC									
15...	1300	99	6.60	14.5	10	67	754	7.5	74
JAN									
28...	1600	104	6.60	6.0	8.0	55	775	11.0	87
FEB									
26...	1730	100	7.10	10.5	11	58	765	9.9	88
MAR									
22...	1230	100	7.10	13.5	5.5	67	770	9.4	89
APR									
29...	1500	102	7.10	18.5	7.0	92	762	8.2	88
MAY									
31...	1300	95	7.10	24.0	7.5	70	761	7.1	85
JUN									
23...	1630	98	7.10	28.0	2.0	75	760	6.9	88
JUL									
20...	1545	99	7.20	28.5	17	75	766	6.4	82
AUG									
31...	1830	140	6.50	23.5	6.0	67	761	6.5	77
SEP									
28...	1630	130	6.80	21.5	4.0	62	765	6.4	72

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)
NOV									
02...	0.8	9	1100	690	80	50	11	97	8.8
30...	0.5	6	650	10	50	<10	8	100	4.9
DEC									
15...	0.5	21	1200	880	120	90	19	100	10
JAN									
28...	1.5	9	720	350	50	40	9	100	9.0
FEB									
26...	1.0	10	800	590	40	40	4	100	11
MAR									
22...	0.7	8	1000	680	50	50	9	94	12
APR									
29...	1.8	11	2600	1100	80	60	5	100	15
MAY									
31...	2.0	23	1800	1200	150	100	17	100	7.8
JUN									
23...	2.1	23	1800	1300	150	120	25	96	6.3
JUL									
20...	1.6	19	2000	530	140	100	19	99	6.4
AUG									
31...	1.5	15	980	610	120	100	20	100	14
SEP									
28...	2.0	4	1000	730	50	50	1	100	9.2

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.--No estimated daily discharges; records poor, (1987-88 water years). 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 Cooper River.

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.--
Water Year 1987.--Maximum daily discharge, 25,500 ft^3/s, Feb. 9, 10; minimum daily, 0 ft^3/s, several days.
Water Year 1988.--Maximum daily discharge, 16,600 ft^3/s, Dec. 23; minimum daily, 0 ft^3/s, several days.

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	.00	3000	15500	20000	25000	15600	23000	10200	237	6240	54	131
2	.00	3470	15800	20000	25300	23900	23000	9890	125	3040	42	1330
3	.00	3170	15400	15700	25300	23900	23400	10100	119	448	615	7120
4	.00	3310	15600	14700	25400	23800	23200	8570	126	166	222	6680
5	.00	2080	15500	18200	25100	23800	23300	11900	122	1230	3660	16000
6	.00	1980	15600	20700	25300	23600	23500	11200	120	1630	2860	18300
7	.00	2530	15300	20200	25200	23900	23600	12100	114	2870	130	22200
8	.00	12100	15900	21000	25200	23800	23500	12300	121	8690	1390	24200
9	.00	8340	18200	21600	25500	24000	23600	11900	116	10300	553	24200
10	.00	397	23100	21700	25500	24000	23700	13500	109	7210	4640	21400
11	.00	.00	23100	21800	25400	23300	23600	15600	121	1110	364	12600
12	.00	660	23100	21800	25200	24400	23700	13200	6550	209	1160	12100
13	1860	550	23300	21000	19100	24600	23600	13600	1140	4980	5000	12500
14	.00	9560	23200	13600	24400	24000	16800	7650	167	5750	794	12100
15	.00	.00	23200	15000	24600	24000	15600	7140	115	5640	7.0	8090
16	.00	1930	23200	9000	20800	24100	17000	8340	489	2050	.00	8420
17	.00	3740	23100	9550	25000	24200	14500	9010	1980	3400	7000	9110
18	.00	4450	23100	10900	24900	24700	12800	11000	152	247	7760	9380
19	74	3650	22900	8640	24700	24800	13400	10700	144	2140	2100	9020
20	1720	6940	22700	20800	24800	24800	15200	2770	138	5270	2770	9480
21	750	12200	22600	24200	22200	24800	19100	2550	967	1360	5290	9450
22	159	14900	21900	24800	20800	23700	18300	1610	3080	2450	6070	9620
23	128	14600	21400	24800	12300	24100	18900	7330	1080	3090	3420	9040
24	.00	16700	21100	24600	19300	24600	13700	6600	4020	2200	224	6880
25	.00	21600	20000	24700	21000	24900	11300	170	483	8280	11	5330
26	.00	12700	14700	24300	17400	24900	10900	.00	4050	8000	1670	720
27	.00	2310	14900	24100	14700	24100	10800	.00	530	3770	3340	82
28	369	6020	16600	24800	12900	22300	9490	174	165	490	1690	2580
29	4560	5590	19000	25000	---	24800	8980	154	711	81	124	4390
30	6220	12900	21100	24500	---	24800	10100	133	5280	1280	9.0	2490
31	6430	---	20300	24800	---	24700	---	121	---	98	.00	---
TOTAL	22270.00	191377.00	610400	616490	632300	740900	541570	229512.00	32671	103719	62969.00	294943
MEAN	718	6379	19690	19890	22580	23900	18050	7404	1089	3346	2031	9831
MAX	6430	21600	23300	25000	25500	24900	23700	15600	6550	10300	7760	24200
MIN	.00	.00	14700	8640	12300	15600	8980	.00	109	81	.00	82

WTR YR 1987 TOTAL 4079121.00 MEAN 11180 MAX 25500 MIN .00

02171645 REDIVERSION CANAL AT SANTEE RIVER NEAR ST. STEPHENS, 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	3340	.00	13100	14600	10600	6640	142	696	27	12	10	99
2	730	.00	7510	16200	6580	8640	109	791	27	13	.00	108
3	5490	.00	699	15900	5700	1090	62	503	27	2.0	3.0	104
4	10500	108	1180	14200	6000	175	92	36	28	.00	9.0	131
5	2490	.00	3590	13700	13600	70	859	3.0	28	.00	17	141
6	3660	.00	3900	13500	5050	1870	87	1200	29	.00	.00	126
7	402	.00	6990	14600	6580	6910	53	.00	28	.00	.00	129
8	234	.00	7320	13400	760	4560	.00	.00	34	.00	.00	131
9	18	.00	6980	13400	70	421	50	11	31	.00	.00	185
10	21	.00	5930	13900	120	1880	103	.00	29	.00	8.0	146
11	18	8970	8350	14200	11400	7840	105	.00	15	.00	28	132
12	201	4140	8030	14900	9420	7970	111	1300	29	.00	32	145
13	89	694	8040	14200	5920	1430	1720	30	34	.00	34	451
14	390	.00	10100	16100	4600	5610	2690	4.0	39	.00	36	4640
15	3280	.00	8560	15100	1610	7840	923	889	33	.00	37	1330
16	380	.00	10600	14700	1610	2930	1950	65	23	.00	33	341
17	8.0	.00	9700	14000	13600	1550	993	22	12	.00	35	298
18	14	.00	8830	9820	15200	226	1880	186	10	.00	31	300
19	23	818	9720	8720	810	1290	2940	9.0	5.0	.00	44	289
20	18	246	9790	8870	10200	185	2450	12	4.0	.00	52	282
21	12	5490	13000	9210	9130	155	987	18	6.0	.00	65	1440
22	19	3420	13000	16000	4330	823	955	20	6.0	.00	54	334
23	5.0	2610	16600	16000	4510	180	501	18	2.0	.00	69	271
24	6.0	.00	8410	15800	5890	1890	3940	25	6.0	.00	71	267
25	4.0	1020	11600	16400	12100	1790	2190	16	9.0	.00	62	266
26	6.0	.00	10800	14900	12300	1660	1620	.00	15	2.0	68	235
27	698	1040	11500	15500	4570	1320	1620	9.0	8.0	2.0	81	248
28	414	7080	12000	13700	3800	1540	3480	21	9.0	.00	111	118
29	.00	3420	11900	15300	4340	1270	2810	21	11	.00	84	60
30	.00	6270	15200	15700	---	1370	1320	30	1.0	.00	96	36
31	.00	---	16200	11900	---	141	---	28	---	.00	97	---
TOTAL	32470.00	45326.00	289129	434420	190400	81266	36742.00	5963.00	565.0	31.00	1267.00	12783
MEAN	1047	1511	9327	14010	6566	2621	1225	192	18.8	1.00	40.9	426
MAX	10500	8970	16600	16400	15200	8640	3940	1300	39	13	111	4640
MIN	.00	.00	699	8720	70	70	.00	.00	1.0	.00	.00	36

CAL YR 1987 TOTAL 3621999.00 MEAN 9923 MAX 25500 MIN .00
WTR YR 1988 TOTAL 1130362.00 MEAN 3088 MAX 16600 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 1987 TO SEPTEMBER 1988

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)
NOV									
02...	1515	120	7.00	17.5	4.0	28	766	9.0	94
30...	1430	105	7.40	12.5	12	68	762	9.8	92
DEC									
15...	1000	111	7.30	12.5	7.0	4	758	10.0	94
JAN									
28...	1700	121	7.20	6.0	8.0	16	775	12.1	96
FEB									
26...	1600	110	7.80	10.5	12	26	765	11.0	98
MAR									
22...	1100	115	7.00	13.5	9.2	39	770	8.2	78
APR									
29...	1200	114	7.50	20.5	8.0	18	761	7.6	85
MAY									
31...	1740	117	7.20	27.0	3.3	16	760	7.5	94
JUN									
23...	1845	110	7.30	31.0	2.3	7	758	6.6	89
JUL									
20...	1700	120	7.20	32.0	2.0	4	765	7.0	96
AUG									
31...	1630	120	7.50	27.5	2.0	2	763	7.4	94
SEP									
28...	1100	135	7.20	25.0	3.5	20	765	7.1	86

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)
NOV									
02...	0.5	5	940	440	170	140	3	95	4.8
30...	0.4	22	1400	770	80	60	22	100	12
DEC									
15...	0.4	8	340	30	20	10	7	100	5.0
JAN									
28...	2.0	7	410	170	20	<10	5	100	5.1
FEB									
26...	2.0	19	980	240	20	<10	19	95	5.8
MAR									
22...	0.8	6	1500	1200	230	250	4	100	5.0
APR									
29...	0.8	12	670	170	40	20	10	100	4.7
MAY									
31...	1.3	4	660	410	100	80	3	100	3.0
JUN									
23...	2.0	3	560	280	100	60	4	80	3.6
JUL									
20...	0.7	2	380	40	100	60	2	100	3.3
AUG									
31...	1.4	1	3400	190	50	20	1	100	3.3
SEP									
28...	1.0	3	5200	180	70	70	1	100	4.3

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.--Records fair, except for estimated daily discharges: July 23 to Aug. 23, Aug. 29 to Sept. 1, which are poor.

AVERAGE DISCHARGE.--20 years, 12.16 ft^3/s, 9.49 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. 10	2300	*104	*3.83				

Minimum discharge, 0.56 ft^3/s, Aug. 26, gage height, 1.21 ft; minimum daily, 0.60 ft^3/s, Aug. 26.

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	5.2	6.0	10	6.1	10	8.0	4.3	3.6	1.4	1.1	6.4	4.5
2	4.2	6.1	8.6	6.0	9.8	7.3	4.1	3.2	1.3	1.0	5.6	S1.3
3	3.9	6.1	7.8	8.8	9.2	6.7	3.9	2.9	1.4	1.0	5.0	1.0
4	3.8	6.4	7.5	17	9.4	7.6	4.1	2.7	1.7	1.1	4.4	1.3
5	3.7	7.1	7.3	13	10	8.2	4.0	4.3	1.5	1.0	4.0	7.7
6	3.6	6.4	6.9	10	9.0	7.2	3.6	3.8	1.3	.94	3.6	7.9
7	3.6	6.1	6.6	9.1	7.9	6.6	3.9	3.2	1.3	.92	3.4	5.5
8	3.5	6.1	6.3	20	7.3	6.1	3.7	2.8	1.2	.91	3.2	3.3
9	3.4	6.2	6.3	21	7.0	13	3.4	2.4	1.2	.87	2.8	18
10	3.4	7.7	6.3	21	6.6	37	3.2	2.4	1.9	.86	2.6	57
11	3.5	7.3	7.2	19	6.3	40	3.3	2.4	1.6	.86	2.4	66
12	3.7	6.3	6.9	17	6.4	33	4.1	2.1	1.3	.92	2.2	37
13	3.8	6.0	6.5	14	6.3	25	16	2.0	1.2	1.2	2.0	21
14	3.8	5.9	6.1	12	5.9	19	14	2.3	1.1	1.6	1.9	11
15	4.0	5.9	6.7	11	5.8	14	8.5	2.4	1.1	1.0	1.7	6.6
16	4.0	6.0	7.4	11	6.1	11	6.3	2.2	1.1	.91	1.6	4.6
17	4.1	7.4	6.9	13	5.7	9.1	5.0	9.4	.98	.86	1.4	3.8
18	4.2	9.8	6.5	20	5.5	8.3	4.3	24	.96	.77	1.2	19
19	4.3	7.1	6.2	23	12	14	14	17	.95	.75	1.0	32
20	4.5	6.4	6.2	26	27	15	22	9.1	.94	.74	.90	30
21	4.5	6.1	6.3	35	46	12	15	5.6	.93	1.1	.82	21
22	4.6	5.9	7.0	37	44	10	9.9	4.1	.89	1.4	.75	12
23	4.7	5.8	7.3	31	33	8.6	7.0	3.1	.87	1.5	.70	7.5
24	4.8	5.7	6.9	23	25	7.7	12	2.6	.83	1.6	.67	4.9
25	4.9	5.6	6.7	22	18	7.2	11	7.6	.86	1.7	.64	5.7
26	5.3	13	6.5	26	14	6.6	10	5.9	1.1	1.8	.60	9.7
27	6.4	17	6.3	21	11	6.0	9.2	4.2	1.5	1.9	.63	8.2
28	6.3	15	6.2	16	10	5.4	6.9	3.5	1.1	2.0	1.9	5.9
29	6.0	14	6.7	14	8.8	5.1	5.2	2.8	1.0	2.5	2.5	4.6
30	6.0	12	6.9	12	---	4.8	4.1	2.1	1.0	4.5	20	3.5
31	5.9	---	7.1	11	---	4.5	---	1.6	---	7.0	9.7	---
TOTAL	137.6	232.4	214.1	546.0	383.0	374.0	226.0	147.3	35.51	46.31	96.21	421.5
MEAN	4.44	7.75	6.91	17.6	13.2	12.1	7.53	4.75	1.18	1.49	3.10	14.0
MAX	6.4	17	10	37	46	40	22	24	1.9	7.0	20	66
MIN	3.4	5.6	6.1	6.0	5.5	4.5	3.2	1.6	.83	.74	.60	1.0

CAL YR 1987 TOTAL 8650.74 MEAN 23.7 MAX 1220 MIN .14
WTR YR 1988 TOTAL 2859.93 MEAN 7.81 MAX 66 MIN .60

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.

EXTREMES FOR CURRENT YEAR.--
Water Year 1987.--Maximum daily discharge, 89,500 ft^3/s, Mar. 9; minimum daily, 460 ft^3/s, Nov. 13.
Water Year 1988.--Maximum daily discharge, 18,500 ft^3/s, Jan. 30; minimum daily, 699 ft^3/s, May 26.

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	800	5630	15400	21700	26200	18500	24700	10600	976	5830	1070	983
2	800	4690	17900	22000	26300	19600	23400	9940	1020	4290	861	1010
3	810	4230	19000	21000	26400	22400	23500	10600	903	2330	1060	3650
4	800	4200	19500	22200	26500	34300	24900	10300	899	1280	1170	5920
5	850	3460	19600	21200	26400	47700	25600	12300	850	1640	2400	13000
6	850	2990	19600	20900	26400	65200	25900	11900	885	2340	3710	18300
7	850	2380	19700	22600	26400	80600	25700	12600	919	2900	2250	19900
8	840	7660	19500	24200	26400	89200	25400	12700	918	5090	1640	21500
9	880	9840	19800	24800	26500	89500	25400	12200	915	9160	1750	23900
10	915	5000	20900	24900	26800	84100	25400	13600	858	9020	2460	25600
11	870	1360	23100	25000	26700	76300	25300	16100	798	5110	3380	22600
12	900	710	25300	25000	26700	66200	25400	14400	3600	2330	1670	17400
13	1810	460	25900	25000	25700	55400	25300	14600	3730	2730	2450	14200
14	1730	5200	25900	23300	23300	47300	25200	10100	1760	5020	4230	13700
15	930	2420	25900	20700	24400	41100	21200	8340	1080	5840	1880	10100
16	870	1690	25800	19600	24900	35700	19700	8690	1110	4530	1030	9320
17	860	2870	25900	11500	24000	30800	18200	9200	2190	3840	3000	9680
18	850	3640	25900	12100	25600	29000	14200	10300	1460	2710	8000	10100
19	860	3700	25800	9990	26100	24000	14300	11200	1000	1850	5000	9630
20	1770	6700	25800	13600	26100	26000	15000	6560	918	3430	3070	10200
21	1950	8560	25800	20100	25500	26400	19100	4180	1370	4160	4090	9770
22	1340	15100	25700	21500	24200	26400	19500	3350	2990	2560	5410	9930
23	1040	16100	25700	24000	22400	25700	19500	5220	2210	3440	5560	9420
24	880	18500	25800	23400	19800	25600	18800	7300	3620	3260	3140	8710
25	840	20200	25900	25400	20200	25900	13200	4120	2260	4890	1440	6720
26	810	21500	24600	26000	20800	26100	12100	2100	3440	7610	1140	3460
27	800	19100	22200	25900	20100	26100	11800	1180	2500	6290	2680	1980
28	775	8600	21100	25800	17600	25500	10700	1070	1280	3410	3390	1620
29	3300	6550	20900	26100	---	24900	9910	997	1340	1640	2390	4310
30	5570	8480	21700	26100	---	25600	10200	956	4140	1280	1180	4060
31	6630	---	23400	26100	---	22700	---	964	---	1690	884	---
TOTAL	43780	221520	709000	681690	688400	1263800	598510	257667	51939	121500	83385	320673
MEAN	1412	7384	22870	21990	24590	40770	19950	8312	1731	3919	2690	10690
MAX	6630	21500	25900	26100	26800	89500	25900	16100	4140	9160	8000	25600
MIN	775	460	15400	9990	17600	18500	9910	956	798	1280	861	983

WTR YR 1987 TOTAL 5041864 MEAN 13810 MAX 89500 MIN 460

02171700 SANTEE RIVER NEAR JAMESTOWN, 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	4090	800	9120	16400	13300	5190	1010	2030	900	829	938	1010
2	2760	795	10000	17000	10700	8810	983	1610	910	904	909	1050
3	3170	891	5790	17200	7960	5680	931	1610	915	889	843	1010
4	9300	899	2850	16400	7300	2110	957	1470	922	834	882	1030
5	5430	966	3250	16000	10800	1150	1020	1030	929	804	909	1100
6	3670	916	4490	15500	9320	1890	1560	1560	875	811	930	1010
7	3280	914	5730	16600	8370	4520	1050	1300	802	848	886	927
8	1640	958	7010	15500	5440	6650	901	848	801	847	838	1130
9	1060	904	7100	15500	2160	3230	935	866	817	819	882	1060
10	933	882	6960	16100	1180	1470	940	838	727	828	967	1160
11	900	4770	7250	16400	5390	5480	869	835	814	833	891	1170
12	873	5780	8370	17300	10500	8810	861	949	849	844	914	1300
13	1030	3220	8440	15800	8700	6030	1540	1830	885	851	908	1320
14	1140	1400	9060	17700	7130	4470	3210	921	912	833	988	2290
15	2690	878	8960	17900	4750	7210	2470	835	868	891	1010	4820
16	2200	775	10400	17100	2920	6900	2540	1590	843	887	946	1970
17	1210	799	11500	16200	7510	4070	2470	1040	900	875	935	1390
18	918	929	10900	14200	14400	1770	2310	1020	875	851	910	1200
19	873	1200	10700	11400	7720	1860	3320	952	827	854	903	1170
20	909	1390	9960	11200	6960	1750	4280	896	821	832	896	1230
21	932	3630	12200	11300	9940	1190	2170	845	790	829	893	1500
22	825	4410	14300	15400	8250	1200	1910	837	790	835	831	1910
23	882	3780	17100	18100	6610	1540	1830	824	800	835	911	1310
24	887	2180	13300	18000	6160	1390	2290	828	777	811	928	1270
25	917	1400	13400	18400	9160	2760	3980	825	722	751	971	1210
26	776	1330	12900	17700	13200	2890	2930	699	834	825	974	1230
27	1070	1330	13400	17600	8950	2140	2430	854	756	876	1020	1280
28	1580	4370	14000	16800	6530	2340	3590	894	770	898	930	1270
29	1160	4780	14000	16900	6000	2160	4000	727	914	942	1220	1110
30	934	5420	16100	18500	---	2460	2730	835	939	941	1050	922
31	881	---	17300	15000	---	1440	---	893	---	937	1040	---
TOTAL	58920	62696	315840	501100	227310	110560	62017	33091	25284	26444	29053	41359
MEAN	1901	2090	10190	16160	7838	3566	2067	1067	843	853	937	1379
MAX	9300	5780	17300	18500	14400	8810	4280	2030	939	942	1220	4820
MIN	776	775	2850	11200	1180	1150	861	699	722	751	831	922

CAL YR 1987 TOTAL 4505020 MEAN 12340 MAX 89500 MIN 775
WTR YR 1988 TOTAL 1493674 MEAN 4081 MAX 18500 MIN 699

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.--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, 27.69 ft, Mar. 10, 1987; minimum, 11.77 ft, Jan. 25, 1979 and Mar. 17, 1981.

EXTREMES FOR CURRENT YEAR--Maximum gage height, 20.51 ft, Jan. 28; mininum, 12.99 ft, July 13.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	17.46	14.93	16.57	13.84	---	---	---	---	20.45	20.18	17.60	16.28
2	17.32	14.78	16.87	14.16	---	---	---	---	20.22	19.86	18.30	16.73
3	16.89	14.52	16.99	14.41	---	---	---	---	19.93	18.88	18.02	16.21
4	18.56	15.41	17.01	14.23	---	---	---	---	19.14	18.12	16.91	14.56
5	18.17	16.61	17.24	14.47	---	---	---	---	18.71	17.75	16.49	13.96
6	17.61	15.31	17.00	14.13	---	---	---	---	18.75	17.65	17.23	14.35
7	17.28	14.80	16.91	14.03	---	---	---	---	18.57	17.77	17.58	14.88
8	16.80	14.27	16.62	13.89	---	---	---	---	18.45	16.19	17.60	16.25
9	16.63	13.96	16.49	13.79	---	---	---	---	17.00	14.63	17.43	14.61
10	16.59	13.86	16.62	13.93	---	---	---	---	16.57	14.38	16.61	13.66
11	16.65	13.92	16.09	13.75	---	---	---	---	16.78	14.84	17.40	14.48
12	16.79	14.06	---	---	17.73	16.98	---	---	18.14	16.26	18.02	16.84
13	17.02	14.63	---	---	17.74	17.08	---	---	18.10	17.44	18.15	15.64
14	17.31	14.85	---	---	17.96	17.21	---	---	18.08	17.12	17.04	15.30
15	17.67	15.26	---	---	18.39	17.42	---	---	17.89	16.14	17.82	15.89
16	17.40	15.35	---	---	---	---	---	---	16.49	14.48	18.19	17.05
17	17.06	14.97	---	---	---	---	---	---	18.22	14.42	17.57	15.63
18	17.01	14.55	---	---	---	---	---	---	19.06	17.47	17.23	14.66
19	17.08	14.74	---	---	---	---	---	---	19.30	18.27	17.26	14.58
20	16.98	14.68	---	---	---	---	---	---	18.83	16.95	17.02	13.79
21	16.95	14.45	---	---	---	---	---	---	18.74	17.80	16.26	13.52
22	17.04	14.12	---	---	---	---	---	---	18.91	18.03	16.53	14.35
23	17.09	14.39	---	---	---	---	---	---	18.56	16.36	16.93	13.99
24	17.16	14.28	---	---	---	---	---	---	17.48	16.15	16.04	13.62
25	16.84	14.08	---	---	---	---	---	---	17.81	16.25	16.17	14.18
26	17.31	14.21	---	---	---	---	---	---	18.48	17.46	16.32	14.27
27	17.30	14.75	---	---	---	---	---	---	18.81	18.01	15.83	14.00
28	16.95	14.21	---	---	---	---	20.51	20.27	18.34	17.22	16.11	13.96
29	16.83	14.28	---	---	---	---	20.48	20.26	17.80	16.76	16.35	14.28
30	16.47	13.88	---	---	---	---	20.42	20.21	---	---	16.38	14.24
31	16.32	13.75	---	---	---	---	20.46	20.22	---	---	16.20	13.90
MONTH	18.56	13.75	---	---	---	---	---	---	20.45	14.38	18.30	13.52

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.--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	16.23	13.76	17.14	14.45	16.87	13.68	17.14	14.06	16.93	14.08	17.23	14.49
2	16.25	13.67	17.11	14.38	16.98	13.65	17.16	14.05	16.75	14.01	16.92	14.35
3	16.46	13.65	17.01	14.31	17.04	14.36	17.07	14.08	17.07	14.25	16.82	13.95
4	16.45	13.65	16.89	13.95	17.30	14.52	16.93	14.28	17.00	14.32	16.56	14.03
5	16.55	13.57	16.82	13.64	17.21	14.03	16.88	14.21	16.73	13.89	16.03	13.55
6	16.61	14.04	16.45	13.99	16.72	13.62	16.81	14.10	16.40	13.55	16.55	13.83
7	16.21	13.26	16.61	14.08	16.28	13.63	16.63	14.00	16.39	13.44	17.23	14.51
8	16.17	13.98	16.92	14.38	16.45	13.69	16.37	13.56	16.62	13.68	16.97	14.58
9	16.94	14.48	16.92	14.15	16.42	13.73	16.26	13.39	16.66	13.79	17.06	14.54
10	17.02	14.33	16.68	14.17	16.95	13.77	16.19	13.22	16.26	13.42	17.03	14.71
11	16.99	14.54	16.38	13.78	17.00	13.96	16.10	13.17	16.35	13.55	17.15	14.78
12	17.39	14.66	16.51	13.78	16.85	13.81	15.97	13.12	16.41	13.68	17.03	14.79
13	17.26	14.57	16.76	14.20	16.63	13.63	15.87	12.99	16.76	13.84	16.77	14.43
14	18.03	15.20	16.67	13.64	16.47	13.43	16.12	13.34	16.82	13.88	16.88	14.29
15	17.82	15.43	16.84	13.70	16.63	13.55	16.12	13.38	16.28	13.51	17.40	15.41
16	17.71	15.07	16.97	14.24	16.81	13.88	16.10	13.45	15.82	13.43	17.30	15.03
17	17.50	14.81	16.83	13.94	16.82	13.83	16.09	13.46	15.70	13.26	16.76	14.29
18	17.30	14.39	16.75	13.87	16.47	13.67	15.96	13.51	15.75	13.21	17.02	14.53
19	17.34	14.59	16.72	13.82	16.30	13.86	15.90	13.48	15.95	13.23	17.24	14.43
20	17.44	15.46	16.56	13.72	16.27	13.90	15.63	13.31	16.08	13.45	17.18	14.62
21	17.41	14.05	16.34	13.79	16.13	13.88	15.71	13.27	16.40	13.42	17.08	14.24
22	16.59	14.31	16.12	13.74	16.34	13.97	15.73	13.26	17.04	13.95	17.59	14.89
23	16.81	14.14	15.98	13.68	16.39	13.93	15.88	13.28	17.13	14.21	17.40	14.65
24	16.27	14.05	15.80	13.36	16.53	13.75	16.12	13.07	17.12	14.02	17.10	14.36
25	16.86	14.52	15.63	13.38	17.01	14.28	16.76	13.51	17.04	13.87	17.14	14.41
26	17.32	15.23	16.70	13.65	16.88	14.02	16.92	13.69	16.95	13.67	17.33	14.48
27	17.00	14.87	16.61	14.09	17.07	13.78	16.87	13.53	16.92	13.70	17.59	14.89
28	16.60	14.31	16.31	13.60	17.21	14.17	16.79	13.53	17.21	14.24	17.54	14.83
29	17.00	15.00	16.85	13.69	16.99	13.83	16.87	13.60	17.21	13.99	17.37	14.65
30	16.85	14.38	16.85	13.71	16.96	13.72	16.87	13.78	16.68	13.87	17.03	14.31
31	---	---	16.86	13.61	---	---	16.96	13.91	16.99	14.06	---	---
MONTH	18.03	13.26	17.14	13.36	17.30	13.43	17.16	12.99	17.21	13.21	17.59	13.55

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, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.56 ft, Dec. 22; minimum, 1.28 ft, Mar. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.48	1.97	6.44	2.12	6.77	2.50	6.81	3.37	6.40	3.55	6.55	2.97
2	6.62	2.34	6.70	2.28	6.51	2.41	6.55	3.17	6.43	3.44	6.73	3.02
3	6.05	1.96	6.82	2.49	6.90	2.65	7.20	3.85	6.34	3.23	6.52	2.67
4	6.99	1.93	6.86	2.23	6.04	1.61	7.01	3.84	6.83	3.04	6.18	2.18
5	7.12	2.87	7.06	2.52	6.28	1.33	6.58	3.34	6.61	2.80	6.14	1.74
6	6.83	2.45	6.82	2.08	6.61	1.97	6.75	3.44	6.39	3.03	6.50	2.45
7	6.48	1.86	6.80	2.22	6.52	2.23	6.74	3.78	6.37	2.92	6.31	2.31
8	6.48	1.83	6.48	2.07	6.80	2.81	6.46	3.73	6.01	2.66	6.33	2.41
9	6.43	1.87	6.32	2.16	6.48	2.74	6.43	3.59	6.06	2.54	6.27	2.38
10	6.36	1.97	6.40	2.43	6.29	2.70	6.48	3.99	5.91	2.72	5.95	1.57
11	6.42	2.16	5.86	2.20	6.04	2.20	6.32	3.97	6.39	2.66	6.01	3.15
12	6.54	2.51	6.36	2.42	5.58	2.69	6.45	3.87	6.48	1.96	6.56	2.78
13	6.72	3.18	6.25	3.03	5.74	2.84	6.35	3.28	5.64	2.24	6.35	1.86
14	6.88	3.57	5.85	2.64	5.92	2.97	6.09	3.68	6.49	2.39	6.20	1.96
15	6.88	3.86	5.78	2.67	6.45	2.26	7.13	3.81	6.98	2.41	6.53	1.73
16	6.81	3.83	6.20	2.88	5.67	2.01	7.18	3.70	5.71	1.55	6.81	2.10
17	6.66	3.20	6.54	2.68	5.71	1.94	7.31	3.73	6.61	1.45	6.75	2.21
18	6.71	3.14	6.12	2.17	6.88	2.54	7.19	3.67	7.10	2.42	6.89	2.11
19	6.79	3.15	6.55	2.03	7.05	2.76	7.52	3.65	7.42	3.19	6.62	1.94
20	6.67	2.99	7.00	2.53	7.23	2.83	7.45	3.83	6.94	2.69	5.91	1.28
21	6.69	2.61	6.55	1.68	7.07	2.44	7.37	3.41	6.85	2.80	6.35	1.39
22	6.88	2.32	7.05	1.81	7.56	2.78	7.16	3.47	6.79	2.92	6.39	2.38
23	6.93	2.53	6.97	2.31	7.44	2.99	6.68	3.34	6.53	2.49	6.49	1.95
24	7.02	2.52	6.54	1.84	7.37	3.32	6.62	3.36	6.08	2.46	5.50	1.60
25	6.69	2.16	6.46	1.71	7.02	3.27	6.78	3.64	6.18	2.79	5.30	2.09
26	7.17	2.65	6.54	2.15	6.23	2.91	5.71	3.10	5.93	3.25	5.46	1.97
27	7.08	2.89	6.59	2.37	6.49	3.31	6.17	3.48	6.41	3.04	4.99	1.88
28	6.65	2.20	7.01	3.41	6.97	3.67	6.32	3.39	6.78	2.94	5.40	2.03
29	6.53	2.50	6.91	2.88	6.34	2.73	6.06	3.37	6.77	3.36	5.65	2.11
30	6.26	2.13	6.89	2.53	6.78	3.12	6.18	3.35	---	---	5.57	1.96
31	6.15	1.90	---	---	6.94	3.34	6.25	3.40	---	---	5.78	1.87
MONTH	7.17	1.83	7.06	1.68	7.56	1.33	7.52	3.10	7.42	1.45	6.89	1.28

02171800 NORTH SANTEE RIVER 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	5.96	1.82	6.80	2.27	6.77	1.91	7.15	2.39	6.51	2.09	6.94	2.74
2	5.99	1.70	6.79	2.38	7.01	1.89	7.01	2.33	6.53	2.00	6.57	2.62
3	6.28	1.75	6.76	2.30	7.16	2.83	6.89	2.31	6.84	2.41	6.49	2.34
4	6.26	1.80	6.54	1.94	7.14	2.87	6.86	2.47	6.71	2.56	6.21	2.49
5	6.34	1.85	6.28	1.71	6.97	2.36	6.72	2.44	6.47	2.21	5.61	1.98
6	5.96	2.16	6.22	1.61	6.50	1.94	6.63	2.35	6.21	1.91	6.17	2.22
7	5.79	1.56	6.18	2.24	6.10	1.75	6.46	2.30	6.21	2.03	6.90	3.04
8	6.23	2.37	6.72	2.77	6.29	1.80	6.27	1.89	6.41	2.18	6.59	2.96
9	6.57	2.96	6.69	2.45	6.22	2.01	6.15	1.81	6.44	2.33	6.53	2.82
10	6.69	2.79	6.48	2.12	6.80	2.04	6.15	1.63	6.11	1.77	6.46	2.53
11	6.75	2.93	6.24	1.88	6.91	2.16	6.10	1.58	6.15	1.87	6.58	2.62
12	7.20	2.94	6.38	1.80	---	---	5.94	1.43	6.19	2.07	6.49	2.78
13	6.77	2.24	6.46	1.83	---	---	5.88	1.38	6.57	2.20	6.28	2.48
14	7.39	2.83	6.58	1.55	---	---	6.10	1.68	6.03	2.21	6.30	2.35
15	7.24	3.05	6.79	1.77	---	---	6.09	1.82	5.53	1.87	6.56	2.66
16	7.17	2.48	6.78	2.04	6.70	2.40	5.99	1.96	5.48	1.82	6.78	3.42
17	7.04	2.39	6.64	2.10	6.33	2.36	5.78	2.02	5.40	1.71	6.34	2.68
18	6.49	1.99	6.51	2.03	6.17	2.22	5.64	1.94	5.47	1.68	6.54	3.16
19	6.55	1.84	6.35	2.18	6.13	2.37	5.38	1.99	5.72	1.74	6.77	2.91
20	6.62	2.64	6.28	2.17	6.06	2.48	5.35	1.88	5.75	2.08	6.70	2.99
21	6.60	2.07	6.11	2.31	5.92	2.50	5.44	1.89	6.12	2.06	6.69	2.40
22	5.86	2.40	5.88	2.19	6.10	2.67	5.48	1.84	6.76	2.81	7.19	2.87
23	6.12	2.32	5.70	2.18	6.13	2.57	5.67	1.92	6.88	2.76	7.14	2.69
24	5.63	1.93	5.45	1.74	6.36	2.38	6.06	1.59	6.96	2.40	6.87	2.27
25	6.02	3.16	5.26	1.83	6.81	3.06	6.40	2.40	6.89	2.06	6.95	2.23
26	6.51	3.21	6.42	2.70	6.68	2.60	---	---	6.85	1.82	7.09	2.37
27	6.21	2.71	6.40	2.67	7.07	2.27	6.79	1.75	6.81	1.72	7.31	2.81
28	5.65	1.99	6.15	1.72	7.14	2.58	6.70	1.54	7.07	2.36	7.25	2.81
29	6.12	2.19	6.75	2.03	6.94	2.10	6.83	1.63	6.52	1.85	7.07	2.75
30	6.42	1.91	6.74	1.95	6.92	1.90	6.85	1.83	6.51	1.75	6.63	2.48
31	---	---	6.78	1.84	---	---	6.76	1.99	6.78	2.03	---	---
MONTH	7.39	1.56	6.80	1.55	---	---	---	---	7.07	1.68	7.31	1.98

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, 22.99 ft, Mar. 17, 1983; minimum, 12.55 ft, Aug. 6, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 20.81 ft, Dec. 22; minimum, 14.28 ft, Mar. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	19.79	15.08	19.78	15.35	19.91	15.09	19.79	15.41	19.36	15.21	19.77	15.82
2	20.02	15.49	20.04	15.63	19.51	15.00	19.58	15.19	19.39	15.13	19.83	15.80
3	19.37	14.89	20.22	15.67	19.97	15.17	20.35	16.03	19.33	15.05	19.59	15.37
4	20.10	14.85	20.30	15.41	19.25	14.69	20.13	15.75	19.90	15.25	19.50	15.19
5	20.39	15.45	20.57	15.69	19.74	14.50	19.63	15.26	19.67	15.20	19.58	14.87
6	20.14	15.39	20.24	15.24	19.91	15.06	19.79	15.39	19.42	15.50	19.82	15.58
7	19.76	14.84	20.23	15.48	19.76	15.21	19.80	15.82	19.25	15.47	19.37	15.24
8	19.99	14.85	19.85	15.33	19.92	15.69	19.51	15.57	19.15	15.44	19.40	15.17
9	19.92	15.00	19.63	15.47	19.56	15.60	19.40	15.52	19.21	15.66	19.29	15.47
10	19.77	15.15	19.76	15.73	19.35	15.55	19.44	16.03	19.31	15.86	19.28	14.84
11	19.82	15.37	19.19	15.53	19.05	15.05	19.35	16.09	19.80	15.80	19.38	16.10
12	19.93	15.80	19.43	15.61	18.68	15.52	19.49	15.91	19.58	14.38	19.67	15.50
13	20.10	16.45	19.50	16.19	18.77	15.63	19.36	15.06	18.71	14.88	19.42	14.80
14	20.24	16.90	19.13	16.00	18.98	15.81	19.05	15.75	19.52	15.07	19.49	14.64
15	20.11	17.12	19.03	16.01	19.44	14.98	20.28	15.54	20.26	15.06	19.75	14.63
16	20.09	17.06	19.45	16.18	18.64	14.45	20.27	15.53	19.05	14.50	19.91	14.65
17	19.95	16.41	19.92	15.69	18.65	14.71	20.45	15.40	20.03	14.41	20.08	14.79
18	20.06	16.42	19.44	15.42	19.93	15.14	20.29	15.13	20.24	14.74	20.44	14.90
19	20.15	16.33	19.97	15.30	20.16	15.22	20.69	15.10	20.64	15.25	20.07	14.89
20	19.99	16.18	20.48	15.77	20.41	15.24	20.62	15.29	20.11	15.13	19.41	14.28
21	20.06	15.82	20.01	14.96	20.16	14.77	20.49	15.04	19.91	15.06	19.81	14.50
22	20.34	15.51	20.46	15.00	20.81	15.11	20.23	15.21	19.63	15.19	19.84	15.48
23	20.36	15.72	20.37	15.41	20.64	15.17	19.70	15.20	19.53	15.19	19.82	15.08
24	20.49	15.74	19.98	14.98	20.49	15.50	19.54	15.27	19.17	15.33	18.83	14.83
25	20.13	15.37	19.88	14.93	20.00	15.29	19.78	15.43	19.27	15.48	18.60	15.21
26	20.66	15.94	19.88	15.32	19.16	14.86	18.64	14.69	19.04	15.85	18.75	15.18
27	20.54	16.06	19.91	15.57	19.53	15.50	19.10	15.19	19.47	15.47	18.30	15.14
28	20.01	15.43	20.35	16.48	20.03	15.87	19.26	14.97	19.86	15.73	18.71	15.30
29	19.88	15.74	20.11	15.83	19.39	14.78	18.93	14.94	19.93	16.07	18.94	15.35
30	19.58	15.37	20.13	15.42	19.85	15.57	19.07	14.96	---	---	18.83	15.10
31	19.48	15.14	---	---	19.95	15.56	19.17	15.02	---	---	19.14	14.99
MONTH	20.66	14.84	20.57	14.93	20.81	14.45	20.69	14.69	20.64	14.38	20.44	14.28

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	19.38	15.01	20.22	15.32	20.23	15.20	20.61	15.54	19.92	15.24	20.33	15.93
2	19.40	14.85	20.22	15.48	20.57	15.14	20.42	15.46	19.90	15.16	19.91	15.82
3	19.75	14.93	20.23	15.41	20.69	15.94	20.22	15.46	20.26	15.62	19.76	15.61
4	19.69	15.04	20.00	15.05	20.42	16.08	20.14	15.59	20.04	15.77	19.53	15.82
5	19.78	15.11	19.69	14.97	20.29	15.60	20.07	15.55	19.80	15.42	18.92	15.32
6	19.44	15.39	19.53	14.82	19.84	15.21	19.90	15.46	19.55	15.19	19.47	15.70
7	19.37	14.90	19.95	15.38	19.43	15.03	19.72	15.44	19.57	15.35	20.29	16.42
8	19.82	15.68	20.14	15.97	19.63	15.08	19.55	15.05	19.76	15.48	19.92	16.19
9	19.93	16.21	20.07	15.68	19.61	15.29	19.42	15.05	19.81	15.64	19.80	15.92
10	20.03	16.07	19.86	15.33	20.26	15.32	19.45	14.88	19.47	15.02	19.71	15.67
11	20.09	16.11	19.64	15.09	20.34	15.45	19.43	14.83	19.46	15.12	19.93	15.76
12	20.73	15.89	19.79	14.96	20.15	15.18	19.21	14.66	19.54	15.30	19.77	15.93
13	20.10	15.33	19.81	14.89	19.89	15.03	19.21	14.60	20.01	15.46	19.62	15.71
14	20.79	15.90	20.06	14.69	19.75	14.90	19.36	14.92	19.38	15.45	19.65	15.61
15	20.77	15.88	20.26	14.93	19.90	15.15	19.38	15.07	18.81	15.18	19.77	15.78
16	20.70	15.41	20.25	15.20	20.04	15.58	19.27	15.17	18.75	15.12	20.25	15.91
17	20.54	15.32	20.10	15.32	19.56	15.59	19.01	15.30	18.71	15.04	20.78	15.87
18	19.97	15.01	19.91	15.24	19.39	15.45	18.90	15.18	18.80	14.99	---	---
19	19.99	14.89	19.73	15.45	19.26	15.58	18.58	15.22	19.07	15.08	---	---
20	19.92	15.63	19.47	15.45	19.26	15.69	18.54	15.13	19.04	15.47	---	---
21	19.67	15.26	19.37	15.60	19.10	15.75	18.63	15.16	19.43	15.46	---	---
22	19.30	15.55	19.19	15.48	19.28	15.92	18.65	15.08	20.16	16.15	---	---
23	19.45	15.46	18.99	15.48	19.32	15.81	18.89	15.16	20.30	16.06	---	---
24	18.97	15.17	18.77	15.09	19.55	15.62	19.30	14.89	20.50	15.67	---	---
25	19.27	16.26	18.62	15.14	20.08	16.28	19.92	15.44	20.40	15.34	---	---
26	19.79	16.34	19.71	15.98	20.01	15.83	20.21	15.32	20.35	15.08	---	---
27	19.45	15.74	19.72	15.96	20.50	15.47	20.29	15.02	20.28	14.89	---	---
28	18.95	15.22	19.47	15.01	20.56	15.75	20.13	14.77	20.53	15.52	---	---
29	19.36	15.25	20.17	15.36	20.34	15.27	20.34	14.84	19.91	14.99	---	---
30	19.83	15.02	20.16	15.22	20.27	15.00	20.36	15.08	19.94	14.91	---	---
31	---	---	20.25	15.11	---	---	20.26	15.21	20.21	15.18	---	---
MONTH	20.79	14.85	20.26	14.69	20.69	14.90	20.61	14.60	20.53	14.89	---	---

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, <100 microsiemens many days most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 53,600 microsiemens, July 30; minimum, 200 microsiemens, Dec. 26, Jan. 20, 26, Feb. 2.

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	---	---	---	---	---	---	---	---	---	14100	2000	4220
2	---	---	---	---	---	---	---	---	---	26000	1300	6880
3	---	---	---	---	---	---	---	---	---	28400	3300	13200
4	---	---	---	---	---	---	---	---	---	18800	3800	7410
5	---	---	---	---	---	---	---	---	---	12900	2600	5020
6	---	---	---	---	---	---	---	---	---	19600	2000	5020
7	---	---	---	---	---	---	---	---	---	30400	2300	11900
8	---	---	---	---	---	---	---	---	---	21000	4500	9100
9	---	---	---	---	---	---	---	---	---	19300	2400	5820
10	---	---	---	---	---	---	---	---	---	20800	2500	7950
11	---	---	---	---	---	---	---	---	---	22100	3200	9090
12	---	---	---	---	---	---	---	---	---	17400	2400	7570
13	---	---	---	---	---	---	---	---	---	11400	1600	4040
14	---	---	---	---	---	---	---	---	---	19800	1800	6050
15	---	---	---	---	---	---	10800	3100	6020	22400	3300	8980
16	---	---	---	---	---	---	8800	1600	3520	18800	3300	7990
17	---	---	---	---	---	---	4900	700	2270	13000	2600	4530
18	---	---	---	---	---	---	32100	2600	9170	7500	700	2190
19	---	---	---	---	---	---	22700	3300	9410	24300	300	3280
20	---	---	---	---	---	---	23500	1100	6550	8300	200	1750
21	---	---	---	---	---	---	19300	2600	5500	10800	300	1780
22	---	---	---	---	---	---	40300	2900	10300	4400	500	2000
23	---	---	---	---	---	---	31500	3100	8520	12500	400	2630
24	---	---	---	---	---	---	17400	2600	5980	9800	1000	2520
25	---	---	---	---	---	---	10100	400	3410	10700	1100	2890
26	---	---	---	---	---	---	3500	200	1700	3400	200	1390
27	---	---	---	---	---	---	23600	400	4910	17400	300	2300
28	---	---	---	---	---	---	19300	2400	5800	12800	1100	2730
29	---	---	---	---	---	---	14900	1800	4110	2700	700	1220
30	---	---	---	---	---	---	20800	1300	4670	1300	400	804
31	---	---	---	---	---	---	22800	2700	6500	2200	300	732
MONTH	---	---	---	---	---	---	---	---	---	30400	200	4940

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, 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	2100	300	639	24900	3400	10800	24200	12600	18200	39900	12100	22000
2	1000	200	499	20800	4900	10400	26100	13500	19200	40800	17600	26100
3	5900	300	1090	12700	3100	5590	31400	14900	20600	40400	18800	26000
4	12800	500	2930	12300	2700	4910	31800	15900	22000	38700	18400	24800
5	21000	1400	5930	24500	2700	9830	34700	16100	23600	29200	16300	22000
6	19400	2300	7200	29400	11000	20500	31200	19800	24900	27900	18600	22700
7	18200	2400	8250	25000	12800	19700	27500	17700	22900	32400	20100	25100
8	16600	2800	7260	20000	9900	14600	35000	21500	26300	40200	22000	30400
9	19400	3900	9580	19000	7400	10400	39200	24400	31800	38300	23900	30700
10	19700	7400	12700	17100	6400	9020	39400	26900	32800	34700	21900	29000
11	26700	11100	17500	32700	9400	17400	38700	27000	33100	32800	22700	27300
12	21900	7800	14500	25100	6300	15100	47900	28600	35800	38000	23200	28900
13	12600	3900	6650	12200	1000	6890	39500	27100	33300	37900	23700	30300
14	31300	3800	8130	23700	2400	7170	45600	27000	34200	46000	23900	30400
15	26400	3700	10200	26600	5200	13300	43800	26100	32800	47300	24300	33000
16	15200	5300	7840	20400	6400	10600	43500	22800	29100	44800	27300	34500
17	40100	5200	15900	25100	6400	11500	43100	20900	27200	41300	28600	33700
18	34100	6700	13800	38300	7400	15200	31100	17800	23600	37200	26800	31800
19	27500	3800	9900	35500	9600	18300	23300	13700	18100	37900	25500	31400
20	12900	2200	5470	23600	10100	16500	22300	13700	17000	36500	25200	30500
21	6800	1100	3590	36600	9200	16000	21400	12300	14800	36700	24000	30600
22	19700	2000	4300	36700	12500	22500	24800	10900	15600	36300	23400	30000
23	14300	1200	3120	35300	16200	22600	26600	12600	17800	30900	19200	26400
24	20800	1700	6000	26800	15300	18700	17900	11000	14300	31100	22400	26500
25	17000	3000	7310	21400	14200	16700	26600	11600	17600	29600	22100	25500
26	22500	3400	8670	18400	11000	14000	28900	15300	21400	38700	23200	31300
27	11800	1900	4960	17700	9100	11200	25700	14000	20200	39700	24700	33200
28	25900	1100	5560	25900	10900	14500	21800	12800	16100	37100	27200	32700
29	23700	2900	9940	25000	12800	17600	27300	12900	16900	44500	28500	33600
30	---	---	---	25200	12000	17000	26500	9900	16000	44500	26000	33900
31	---	---	---	22900	12500	16400	---	---	---	45700	28100	34900
MONTH	40100	200	7570	38300	1000	14000	47900	9900	23200	47300	12100	29300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	45800	30000	35700	51400	30800	42100	50700	44400	47600	43300	30600	35600
2	47900	33000	37800	50300	32700	42400	50100	43700	47000	37900	30700	34300
3	47600	34600	39900	49400	26900	39800	52100	44000	47400	35500	29100	32200
4	47500	35000	39900	47300	32400	37600	50000	43700	47000	33100	28400	30600
5	45400	35000	39300	46100	32200	37900	47900	41300	45100	31000	22400	25900
6	41500	34700	37700	45500	31700	36700	45900	40900	43200	29500	22200	23800
7	39000	34400	36200	45400	31300	36000	43800	37900	41100	39900	22900	29000
8	39900	33900	36100	42800	28900	33400	45100	37700	40300	35200	24700	30900
9	39800	33700	36500	36900	26700	30100	45200	37500	40600	32300	22800	28100
10	46100	33500	37600	37300	26400	31200	41900	36800	39400	25000	19000	21900
11	45800	34000	38700	36100	24900	32200	42800	36800	38700	21700	15600	18500
12	45400	34600	39300	34200	23800	30800	44200	36400	38800	19800	15800	17300
13	43400	35800	39200	33000	25800	29400	49000	36600	40200	18000	14300	15900
14	43600	31500	37900	33200	21800	28700	44200	36100	40400	19200	13500	15800
15	45200	31400	38400	32500	21600	28400	41000	35300	38200	25100	14300	18300
16	47700	29900	40200	31200	21600	27600	40000	34300	36200	29600	17100	21700
17	45800	34000	42100	31000	22700	27300	38400	32200	34800	24700	17100	19700
18	44500	31300	39900	31000	25500	28100	38400	31700	34100	---	---	---
19	42600	31200	38100	30600	23900	28600	38400	30200	33900	---	---	---
20	42600	30800	38100	31500	25400	29000	37500	30200	33800	---	---	---
21	43600	26100	37100	31800	25500	29000	38900	28900	33800	---	---	---
22	39800	24200	33300	30500	24100	27500	47500	32100	37100	---	---	---
23	39100	27600	32900	30300	22900	26700	49800	33600	40600	---	---	---
24	37800	26300	31900	31200	24400	27700	47000	33500	42100	---	---	---
25	42100	27900	33000	35700	27000	29800	49900	32900	39500	---	---	---
26	42700	28500	34100	36400	28200	31300	50400	33400	39700	---	---	---
27	50400	29000	37000	51900	28600	36800	50000	34100	40500	---	---	---
28	51200	32000	42500	52100	39500	44900	49900	34000	41300	---	---	---
29	50300	33800	43200	53300	41100	45900	43300	32200	38300	---	---	---
30	49800	33200	41500	53600	42300	47100	43600	31200	36300	---	---	---
31	---	---	---	52900	43800	48000	41900	29500	34400	---	---	---
MONTH	51200	24200	37800	53600	21600	33900	52100	28900	39700	---	---	---
YEAR	53600	200										

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, 24.80 ft, Sept. 6, 1987; minimum, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.54 ft, Sept. 27; minimum, 17.79 ft, (from minimum indicator), during period Mar. 8-29.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 to SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	23.57	18.56	23.56	18.82	23.68	18.57	23.59	18.97	23.11	18.85	23.45	19.27
2	23.73	18.91	23.82	19.14	23.32	18.46	23.32	18.73	23.17	18.76	23.56	19.30
3	23.14	18.40	23.99	19.11	23.75	18.62	24.06	19.50	---	---	23.35	18.88
4	23.87	18.34	24.06	18.82	23.06	18.09	23.88	19.28	---	---	23.23	18.67
5	24.14	18.86	24.30	19.11	23.50	17.97	23.37	18.77	---	---	23.29	18.34
6	23.90	18.82	24.00	18.64	23.65	18.44	23.51	18.95	---	---	23.54	19.00
7	23.51	18.22	23.98	18.87	23.51	18.61	23.50	19.36	---	---	23.16	18.70
8	23.75	18.25	23.64	18.77	23.71	19.16	23.20	19.11	---	---	---	---
9	23.68	18.36	23.42	18.92	23.35	19.07	23.15	19.07	---	---	---	---
10	23.56	18.55	23.56	19.27	23.14	19.05	23.18	19.58	---	---	---	---
11	23.61	18.81	22.89	19.03	22.85	18.54	23.03	19.59	---	---	---	---
12	23.66	19.20	23.16	19.14	22.37	18.98	23.14	19.42	---	---	---	---
13	23.80	19.83	23.23	19.73	22.54	19.12	23.03	18.71	---	---	---	---
14	23.96	20.30	22.86	19.45	22.67	19.32	22.76	19.28	---	---	---	---
15	23.82	20.60	22.73	19.44	23.22	18.44	23.96	19.10	---	---	---	---
16	23.83	20.58	23.21	19.62	22.42	17.96	24.03	19.14	---	---	---	---
17	23.67	19.91	23.66	19.17	22.45	18.08	24.16	18.94	---	---	---	---
18	23.81	19.85	23.21	18.85	23.67	18.56	24.02	18.74	23.98	18.27	---	---
19	23.89	19.82	23.74	18.71	23.90	18.65	24.38	18.72	24.36	18.86	---	---
20	23.73	19.63	24.17	19.12	24.14	18.68	24.32	18.96	23.80	18.71	---	---
21	23.79	19.22	23.81	18.32	23.92	18.27	24.22	18.65	23.67	18.63	---	---
22	24.06	18.90	24.18	18.38	24.53	18.58	23.97	18.81	23.34	18.74	---	---
23	24.08	19.07	24.13	18.79	24.37	18.65	23.44	18.79	23.34	18.71	---	---
24	24.25	19.15	23.78	18.40	24.23	18.97	23.32	18.81	22.91	18.80	---	---
25	23.92	18.82	23.68	18.36	23.78	18.87	23.52	19.01	22.95	18.97	---	---
26	24.41	19.32	23.67	18.80	22.96	18.47	22.36	18.37	22.75	19.35	---	---
27	24.20	19.49	23.71	18.99	23.25	18.97	22.86	18.83	23.19	18.99	---	---
28	23.76	18.87	24.10	19.93	23.77	19.35	23.03	18.62	23.59	19.05	---	---
29	23.64	19.14	23.84	19.24	23.11	18.27	22.71	18.65	23.65	19.63	---	---
30	23.36	18.79	23.88	18.81	23.56	19.03	22.88	18.63	---	---	22.62	18.56
31	23.25	18.56	---	---	23.71	19.06	22.94	18.69	---	---	22.93	18.45
MONTH	24.41	18.22	24.30	18.32	24.53	17.96	24.38	18.37	---	---	---	---

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR MARCH 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	23.17	18.44	23.95	18.77	24.00	18.62	24.32	18.96	23.69	18.69	24.09	19.30
2	23.20	18.32	23.98	18.92	24.28	18.59	24.14	18.86	23.66	18.61	23.72	19.21
3	23.51	18.39	23.97	18.84	24.42	19.37	23.96	18.85	24.02	19.00	23.51	19.03
4	23.47	18.51	23.76	18.55	24.14	19.49	23.90	18.99	23.81	19.15	23.31	19.22
5	23.56	18.53	23.41	18.37	24.12	19.04	23.82	18.96	23.58	18.86	22.68	18.82
6	23.20	18.85	23.30	18.25	23.65	18.67	23.68	18.90	23.35	18.63	23.22	19.19
7	23.09	18.33	23.65	18.78	23.19	18.46	23.51	18.85	23.36	18.81	24.00	19.88
8	23.55	19.08	23.88	19.34	23.44	18.50	23.33	18.52	23.51	18.94	23.68	19.60
9	23.64	19.66	23.80	19.14	23.39	18.71	23.25	18.51	23.57	19.10	23.57	19.35
10	23.75	19.49	23.62	18.82	23.96	18.64	23.27	18.35	23.31	18.47	23.46	19.11
11	23.82	19.57	23.43	18.49	24.09	18.80	23.23	18.28	23.27	18.61	23.69	19.20
12	24.41	19.27	23.56	18.40	23.93	18.61	23.01	18.14	23.33	18.80	23.53	19.39
13	23.80	18.75	23.61	18.35	23.67	18.47	23.07	18.10	23.80	18.91	23.36	19.13
14	24.51	19.31	23.85	18.12	23.53	18.38	23.17	18.33	23.14	18.90	23.41	19.06
15	24.51	19.38	24.02	18.38	23.65	18.61	23.17	18.47	22.59	18.64	23.53	19.22
16	24.41	18.81	23.99	18.61	23.79	19.03	23.08	18.60	22.54	18.61	23.82	20.04
17	24.26	18.71	23.90	18.77	23.33	19.05	22.81	18.77	22.54	18.55	23.42	19.42
18	23.78	18.45	23.68	18.70	23.15	18.91	22.68	18.62	22.56	18.53	23.56	19.95
19	23.75	18.31	23.51	18.91	23.03	19.03	22.33	18.71	22.80	18.57	23.79	19.66
20	23.66	19.04	23.21	18.94	22.94	19.15	22.30	18.60	22.77	18.94	23.76	19.65
21	23.41	18.75	23.11	19.05	22.88	19.21	22.38	18.67	23.17	18.91	23.81	19.14
22	23.05	19.01	22.96	18.93	22.99	19.38	22.38	18.56	23.89	19.56	24.38	19.45
23	23.13	18.98	22.72	18.94	23.08	19.26	22.66	18.66	24.01	19.54	24.38	19.23
24	22.69	18.66	22.55	18.54	23.31	19.08	23.07	18.31	24.22	19.09	24.12	18.81
25	22.98	19.75	22.34	18.69	23.81	19.73	23.65	18.88	24.16	18.72	24.19	18.71
26	23.51	19.76	23.48	19.45	23.77	19.34	23.95	18.84	24.10	18.42	24.38	18.93
27	23.16	19.21	23.45	19.37	24.23	18.85	24.07	18.45	24.04	18.35	24.54	19.29
28	22.65	18.67	23.28	18.42	24.31	19.17	23.94	18.20	24.23	19.00	24.48	19.34
29	23.15	18.73	23.90	18.77	24.12	18.66	24.12	18.25	23.71	18.46	24.24	19.29
30	23.62	18.48	23.91	18.62	24.07	18.46	24.13	18.48	23.72	18.37	23.84	19.07
31	---	---	24.02	18.53	---	---	24.04	18.64	23.98	18.60	---	---
MONTH	24.51	18.31	24.02	18.12	24.42	18.38	24.32	18.10	24.23	18.35	24.54	18.71

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.

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 45,700 microsiemens, July 27, 31, minimum, 100 microsiemens, many days.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5400	200	1450	30800	7200	19100	6400	300	1650	300	200	212
2	10100	200	2960	36000	10000	22900	2100	200	606	300	100	173
3	8600	300	2990	38300	11700	24600	2200	200	810	200	100	162
4	11200	200	3500	38900	10200	26000	2400	300	927	200	100	181
5	11800	200	3200	41200	11600	26700	11900	300	4160	200	100	160
6	9700	400	3670	36700	10400	24000	16500	300	4730	200	100	142
7	8500	300	3030	36200	11200	23900	8300	300	2240	200	100	125
8	13500	200	4930	32100	10600	22400	5200	200	998	300	100	125
9	17000	300	6570	29900	11900	22000	1300	200	469	200	100	125
10	16400	500	7970	32800	10800	20800	900	200	383	400	100	148
11	18500	900	10100	26600	7700	16800	2200	100	535	500	100	169
12	21400	2500	12100	26100	8600	16500	1700	200	379	200	100	142
13	23400	5200	13500	24300	7400	13800	700	100	269	200	100	156
14	24900	6300	16100	29400	7900	16100	1000	200	304	200	100	140
15	25800	9000	17500	27700	9800	18600	400	200	254	200	100	152
16	23800	5720	14800	28700	11900	20000	600	200	267	200	100	154
17	21800	7130	14600	32400	11100	22800	300	100	196	300	100	179
18	23900	5700	14900	25900	7600	17900	1900	100	371	400	100	225
19	26900	7940	17700	31300	6900	20800	1400	100	387	500	100	250
20	27300	8790	18800	37900	9900	22600	1800	200	508	600	100	283
21	28500	8430	18600	30800	4500	17900	1800	200	569	1100	200	319
22	30800	6900	19900	33800	5300	19700	9700	100	1360	700	200	267
23	33900	10600	22300	32300	3500	15000	3600	200	783	300	100	202
24	35000	11200	23500	22200	1700	10000	1700	200	469	200	100	175
25	33900	11500	22500	22900	2000	10800	500	200	273	300	100	160
26	41000	12700	26100	24300	2300	11900	700	100	260	300	100	181
27	40500	12700	26600	21700	1900	10600	500	200	304	200	100	142
28	31500	7200	19000	23300	1300	10600	400	200	246	200	100	135
29	28200	9100	18800	18100	500	4890	300	100	221	200	100	165
30	26900	6700	17500	8500	400	2710	300	100	187	300	100	165
31	25900	6000	17400	---	---	---	300	100	192	200	100	185
MONTH	41000	200	13600	41200	400	17700	16500	100	816	1100	100	177

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCELLANVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	300	100	210	1200	200	487	16400	500	6790	23900	500	7800
2	300	200	258	1600	300	550	19400	700	8170	24100	1000	10000
3	300	100	237	800	200	379	22700	900	10200	20000	1400	9680
4	300	100	227	2600	200	787	25100	2000	12500	21500	1600	9180
5	300	100	208	8400	200	1940	26700	3600	13700	18600	1700	8220
6	300	100	192	15100	300	5990	28500	5600	16000	20600	1200	9100
7	900	100	229	13300	400	4870	25000	5200	13600	23300	3100	11200
8	1000	100	212	7000	200	1360	26900	10400	19000	26300	6000	16600
9	1200	100	229	2500	200	577	30000	13800	22700	28500	5300	17000
10	2200	100	731	4600	300	985	35200	12900	24800	27500	5900	17800
11	6500	200	1920	10100	300	4500	34900	16000	25300	30000	5200	17900
12	8100	200	2030	8200	200	1770	40500	14800	28400	31500	6600	20200
13	1800	100	358	1900	200	423	31100	7900	21000	30700	4800	18400
14	1400	100	327	6300	200	1850	38900	9500	23800	31100	4200	15400
15	4500	100	1170	8100	100	2010	35200	6900	21000	35700	5200	18700
16	6000	200	1580	7000	200	1800	31200	3900	14600	34100	7000	20400
17	16400	300	5400	9900	200	2880	27600	3200	11900	33600	7600	20100
18	12900	300	3310	18000	200	5480	20400	2600	10100	31300	7900	19300
19	10000	200	2360	17200	400	6110	22100	800	7930	30000	7800	18400
20	3100	400	1240	13000	400	4600	19400	1100	7550	29000	7900	18300
21	1600	300	587	20700	400	5510	15800	900	4870	25900	8400	17400
22	1000	200	398	18700	1000	8860	13700	1200	6830	27600	9800	18100
23	300	200	292	19600	700	7380	17500	1000	7820	28100	10600	19900
24	400	200	298	14200	400	5150	15200	1200	6880	30200	10200	20800
25	300	200	233	10700	500	4630	19400	3000	9920	32200	9700	19700
26	300	200	244	12700	600	4420	16800	600	7280	32600	11600	22300
27	500	200	290	12600	900	5810	12400	500	5320	32500	12300	22800
28	1300	300	779	15600	1300	8660	10200	400	4250	29500	11400	21500
29	1400	200	506	15500	1000	7370	14500	500	5790	28000	12800	20900
30	---	---	---	13400	500	6080	17300	300	5740	35300	12600	22100
31	---	---	---	14400	400	5440	---	---	---	28500	11500	18900
MONTH	16400	100	898	20700	100	3830	40500	300	12800	35700	500	17000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29100	11000	21000	38800	20300	26900	45600	23100	32300	27400	4930	15800
2	31900	11500	20100	39000	20100	27400	44200	22300	32700	23000	3700	12900
3	30300	11100	21400	36700	20200	27000	44400	23100	35200	19100	2170	11300
4	31400	11400	20400	36800	20500	27700	43200	22800	33900	18800	3640	11600
5	31300	9600	20500	36800	21500	28400	38900	20400	30400	16900	1710	9160
6	31900	9700	20400	34200	20600	26400	36900	18800	28500	20000	2980	10700
7	35100	10400	22600	35800	19800	25700	35300	15500	26500	23100	3750	12700
8	38700	16400	27600	---	---	---	35200	17100	27200	21700	3030	12800
9	39800	17700	29300	---	---	---	35400	16600	27400	17300	1700	8910
10	44400	17300	29800	---	---	---	33600	14400	24600	7800	700	3160
11	42800	17700	31200	---	---	---	34200	14900	24800	6400	600	2330
12	40400	17000	29800	39000	16400	28600	34700	15800	24800	5500	600	1940
13	39600	15900	28200	36100	14900	26600	35200	15800	24600	5700	500	2120
14	37800	15700	26900	38200	16800	27500	31400	13600	24200	7700	400	2810
15	38500	16500	27400	38500	17200	28200	28700	11800	20800	8800	500	2730
16	37900	19800	28100	39100	18600	29000	27800	11300	20100	10900	500	2940
17	35900	19300	26100	40200	19200	29600	26900	10700	19500	10000	1000	3680
18	35600	19100	25400	41000	19500	30700	29800	12800	21400	11700	1400	4720
19	33800	18700	25300	40600	19600	30700	31600	13400	23700	14200	1100	5540
20	33000	19300	24700	39800	18500	29900	34800	15900	26300	13000	900	5340
21	33300	19300	25000	41300	19300	31600	35800	16100	27300	12300	600	4690
22	34400	19100	25700	42400	19900	32300	38000	19200	29000	25100	800	9410
23	36500	19600	26300	40700	20000	31600	37100	19800	29300	24200	1400	10800
24	35300	19700	26800	40400	18900	30900	34000	18700	27700	23200	1800	11300
25	37300	19900	28800	43700	22200	33500	32600	13300	23900	23000	2200	11400
26	39500	19700	29200	44200	22400	35100	33800	12900	23400	26400	2200	12300
27	37400	20000	28400	45700	18900	34800	35000	13200	24200	30900	2600	14600
28	40000	20400	29800	44200	20900	33900	37000	15400	27400	30600	2800	14200
29	40700	21200	29800	44800	20600	32100	34900	10800	22900	26900	3000	12100
30	36600	20900	27900	45400	22400	33600	32200	8570	19800	18000	2500	8750
31	---	---	---	45700	23800	35000	28300	4450	15700	---	---	---
MONTH	44400	9600	26100	45700	14900	30200	45600	4450	25800	30900	400	8420
YEAR	45700	100	13000									

02172000 LAKE MOULTRIE NEAR PINOPOLIS, SC

LOCATION.--Lat 33°14'40'', long 79°59'30'', Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi upstream from Seaboard Coast Line Railroad bridge and 2.8 mi northeast of Pinopolis.

PERIOD OF RECORD.--January 1941 to current year. Prior to October 1942, published as Pinopolis Reservoir.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1924 (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft lower.

REMARKS.--Lake is formed by earth dikes and dam, with concrete navigation locks; dikes and dam completed in 1941. Storage began in November 1941. Water is diverted through canal (see sta 02170500) from Lake Marion (see sta 02171000) and discharged through tailrace canal into West Branch Cooper River. Usable capacity, 33,170,000,000 ft^3 between elevation 60.0 ft (normal limit of drawdown) and 76.8 ft (maximum normal elevation). Dead storage, about 16,600,000,000 ft^3. Figures given herein represent usable contents. Water is used for generation of power and for navigation. Records of contents at end of month published for water years prior to 1964 were computed from elevations 0.25 ft too high. Records of change in contents published for the same period are slightly in error.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 76.21 ft, Oct. 14, 1959 (affect by high wind); minimum, 58.52 ft, Dec. 21, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.03 ft, Sept 27; minimum, 71.57 ft, Jan. 16.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.50	73.76	73.51	71.94	72.34	73.12	73.97	74.69	74.56	74.12	73.65	73.91
2	74.47	73.78	73.61	71.89	72.57	73.05	74.01	74.67	74.52	74.02	73.67	73.96
3	74.34	73.72	73.82	71.88	72.63	73.19	74.02	74.61	74.65	74.00	73.70	73.97
4	74.12	73.74	74.09	71.83	72.70	73.16	74.02	74.60	74.53	74.02	73.75	74.19
5	74.04	73.77	74.10	71.90	72.35	73.22	73.98	74.72	74.52	73.95	73.75	74.18
6	73.88	73.63	74.18	71.97	72.62	73.30	74.04	74.67	74.44	73.92	73.70	74.13
7	74.03	73.67	74.14	72.05	72.67	72.99	74.21	74.61	74.44	73.91	73.76	74.21
8	74.02	73.70	74.05	72.12	72.99	73.04	74.10	74.59	74.44	73.87	73.71	74.28
9	73.84	73.68	73.97	72.20	73.25	73.23	74.13	74.62	74.43	73.85	73.67	74.39
10	73.91	73.77	73.84	72.27	73.40	73.38	74.16	74.69	74.46	73.90	73.65	74.42
11	73.93	73.57	73.67	72.19	73.02	73.15	74.10	74.69	74.47	73.89	73.66	74.70
12	73.87	73.48	73.70	72.16	73.11	73.02	74.30	74.56	74.40	73.97	73.61	74.71
13	73.85	73.50	73.65	72.18	73.18	73.36	74.29	74.58	74.35	74.00	73.60	74.77
14	73.79	73.64	73.48	71.80	73.28	73.37	74.35	74.58	74.32	73.94	73.66	74.66
15	73.64	73.70	73.44	71.58	73.47	73.15	74.52	74.51	74.35	73.76	73.66	74.84
16	73.57	73.65	73.28	71.57	73.52	73.28	74.54	74.55	74.33	73.79	73.60	74.90
17	73.64	73.70	73.09	71.59	73.10	73.42	74.61	74.61	74.29	73.75	73.52	74.93
18	73.68	73.85	72.95	71.69	72.86	73.59	74.43	74.58	74.27	73.73	73.51	75.00
19	73.66	73.79	72.94	71.82	73.27	73.65	74.53	74.54	74.26	73.68	73.53	74.98
20	73.65	73.88	72.97	71.85	73.25	73.75	74.52	74.55	74.23	73.63	73.53	74.99
21	73.66	73.55	72.90	71.89	73.25	73.75	74.61	74.48	74.20	73.63	73.60	74.97
22	73.44	73.62	72.84	71.61	73.38	73.76	74.64	74.49	74.19	73.70	73.46	74.92
23	73.48	73.65	72.57	71.62	73.45	73.86	74.71	74.44	74.20	73.74	73.48	74.93
24	73.51	73.68	72.59	71.67	73.47	73.80	74.64	74.53	74.29	73.72	73.51	74.98
25	73.55	73.64	72.39	71.81	73.17	73.73	74.69	74.59	74.26	73.69	73.47	75.00
26	73.44	73.72	72.49	71.91	72.91	73.90	74.76	74.57	74.33	73.67	73.39	75.02
27	73.52	73.76	72.47	71.93	73.18	73.98	74.73	74.51	74.28	73.77	73.40	75.03
28	73.56	73.79	72.32	72.02	73.25	73.91	74.78	74.65	74.24	73.70	73.48	74.93
29	73.50	73.84	72.18	71.86	73.30	73.95	74.68	74.62	74.14	73.66	73.67	74.88
30	73.56	73.74	71.97	71.92	---	73.86	74.69	74.63	74.18	73.72	73.77	74.85
31	73.69	---	71.96	72.16	---	73.94	---	74.57	---	73.63	73.78	---
MAX	74.50	73.88	74.18	72.27	73.52	73.98	74.78	74.72	74.65	74.12	73.78	75.03
MIN	73.44	73.48	71.96	71.57	72.34	72.99	73.97	74.44	74.14	73.63	73.39	73.91
[+]	25.0	25.1	20.8	21.3	24.0	25.6	27.5	27.2	26.2	24.8	25.2	27.0
[*]	-784	39	-1605	187	1078	597	733	-112	-386	-523	149	1042

CAL YR 1987 * 111 MAX 75.47 MIN 69.83
WTR YR 1988 * 25 MAX 75.03 MIN 71.57

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

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. An auxiliary gage 2.23 miles upstream, at Pinopolis Dam Tailrace, (station 02172001), at National Geodetic Vertical Datum, is 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.
Water Year 1979: Records poor. Estimated daily discharge Oct. 1-3, Oct. 14 to Dec. 2, Jan. 10-19, Mar.22 to Apr. 5, Sept. 13-30.
Water Year 1980: Records poor. Estimated daily discharge Oct. 1-11, July 29 to Sept. 23.
Water Year 1981: Records Poor. Estimated daily discharge Dec. 30 to Jan. 13, Feb. 22 to Mar. 26, Apr. 20 to May 27, June 16-24, June 29 to July 14, Aug. 25.
Water Year 1982: Records poor. Estimated daily discharge Oct. 5-8, Nov. 19 to Dec. 4, Jan. 17 to Feb. 16, Apr. 22 to June 11, Aug. 26.
Water Year 1983: Records poor. Estimated daily discharge May 7-13.
Water Year 1984: Records poor. Estimated daily discharge Aug. 21-29.
Water Year 1985: Records poor. Estimated daily discharge Jan. 27 to Feb. 5.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 33,700 ft^3/s, Nov. 25, 1979; minimum daily, 0.0 ft^3/s, many days in 1979 and 1985 water years.

EXTREMES FOR CURRENT YEAR.--
Water Year 1979: Maximum daily discharge, 29,200 ft^3/s, Mar. 18; minimum daily, 0.0 ft^3/s, many days in Nov., Dec. 1.
Water Year 1980: Maximum daily discharge, 33,700 ft^3/s, Nov. 25; minimum daily, 1900 ft^3/s, June 19.
Water Year 1981: Maximum daily discharge, 25,000 ft^3/s, Jan. 5; minimum daily, 416 ft^3/s, Apr. 15.
Water Year 1982: Maximum daily discharge, 27,300 ft^3/s, June 19; minimum daily, 602 ft^3/s, Nov. 15.
Water Year 1983: Maximum daily discharge, 28,400 ft^3/s, Jan. 15, 16; minimum daily, 1020 ft^3/s, Oct. 11.
Water Year 1984: Maximum daily discharge, 28,400 ft^3/s, Aug. 10; minimum daily, 1040 ft^3/s, July 22.
Water Year 1985: Maximum daily discharge, 28,200 ft^3/s, Feb. 25; minimum daily, 0.0 ft^3/s, many days in Mar., Apr., May and Sept.

Discharge for Water Years 1986, 1987, 1988 will be included with 1989 Water Resources Data.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4310	6000	.00	6000	20400	28500	28000	28400	20900	19100	21400	8720
2	5530	6230	2850	8950	23400	28800	28100	28600	24500	21900	20600	7440
3	5050	6570	5840	22200	23200	28800	28100	28600	22600	21300	18900	14700
4	5540	5320	5170	23100	22900	28800	28100	28700	21100	18700	20800	26700
5	6780	5230	5980	16900	23900	28800	28000	28800	24300	14300	16300	26800
6	12900	5720	7080	10200	26300	28800	28800	28700	24000	18300	15900	24000
7	10800	5860	12600	12000	23800	28800	28800	28700	23000	13800	17600	20300
8	8570	5900	10200	12500	25500	28800	28800	28700	23700	15400	17000	18700
9	8740	6390	14100	13900	25900	28800	28800	28700	21900	13400	17900	16400
10	6680	5350	16100	14800	23500	28900	28700	28400	22100	6160	19800	19100
11	9050	5060	17900	12300	22600	28900	28600	28600	26100	10000	15300	23100
12	9580	4900	16400	16800	18800	28900	28600	28600	22500	9580	16500	23100
13	7470	5160	15300	14600	7520	28900	28700	28700	20000	11300	10100	26700
14	6510	6400	18200	14600	7520	28700	28500	28500	18000	16100	8020	25500
15	5810	1100	19300	15500	4430	28900	28500	28400	16800	13700	12100	18200
16	7390	.00	16100	11400	3110	29100	28400	28400	27300	14100	1370	12400
17	6290	.00	17800	11600	12900	29100	28400	28400	18200	16300	3770	15000
18	5230	2910	19400	10100	15400	29200	28300	27400	20000	16600	6560	15100
19	4980	5300	17700	13100	13300	29000	28400	25900	15800	17400	9580	13200
20	4560	5320	17500	10100	12300	29000	28400	22900	16300	23600	13900	16700
21	4260	5300	17300	23400	12900	29000	28400	17500	14900	22300	17100	10200
22	4220	434	19800	27000	11700	28200	28400	18700	19000	21700	9490	11200
23	4920	.00	19000	28600	19700	28200	28400	22500	21900	24200	12200	5140
24	10600	.00	18000	28800	23500	28100	28400	23900	23000	18500	14700	8790
25	8260	2850	16500	29000	28600	28100	28200	24200	23500	19500	19500	8140
26	5590	5210	19500	27200	28400	28200	28100	22900	21000	18500	10100	12900
27	4940	5410	11800	24700	28600	28100	28200	23400	22500	21400	9320	17200
28	4670	5320	12700	25400	28500	27700	28300	22600	22200	22500	7580	17200
29	4890	2830	11500	25400	---	28200	28300	17900	19500	22200	7490	17200
30	7270	.00	6800	23900	---	28100	28200	19700	20200	23200	8230	17000
31	6150	---	10000	17700	---	28100	---	20200	---	22700	12900	---
TOTAL	207540	122074.00	418420.00	551750	538580	887500	851900	795600	636800	547740	412010	496830
MEAN	6695	4069	13500	17800	19230	28630	28400	25660	21230	17670	13290	16560
MAX	12900	6570	19800	29000	28600	29200	28800	28800	27300	24200	21400	26800
MIN	4220	.00	.00	6000	3110	27700	28000	17500	14900	6160	1370	5140

WTR YR 1979 TOTAL 6466744.00 MEAN 17720 MAX 29200 MIN .00

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21800	10900	25400	14900	27600	22400	28100	25100	26500	23000	10900	3030
2	26700	16400	25100	14900	27800	23600	28000	26800	25700	22700	10300	6170
3	27000	23300	26000	16800	27800	18500	28000	25800	23700	19300	6180	3940
4	27100	17600	23300	16300	27500	14200	28000	26000	19900	19300	10800	3230
5	27000	19700	21900	15500	27700	11000	28100	26100	12000	17300	9170	3170
6	26700	16200	23900	15700	27500	8610	28500	22100	13600	17600	6520	4010
7	26100	15500	24200	15600	27900	8340	28700	16300	13400	15900	9360	3140
8	26200	15500	24100	17500	28000	15600	28700	15900	14200	16700	12200	5090
9	26100	13400	24400	17300	27900	25500	28700	11200	8760	15600	10700	3040
10	26400	16300	24100	19900	27700	28200	28300	8510	15300	17400	13600	3210
11	24600	19300	25100	20400	27800	28000	28200	8820	12300	18600	14400	3550
12	24500	25600	24600	22000	27900	27700	28300	15000	7580	18900	13500	3530
13	24300	23800	23400	22800	26800	27500	28400	16100	4070	14500	12400	7670
14	24100	24900	19200	24400	24100	27400	27900	12400	4300	16300	10300	3840
15	22800	25300	17400	25500	22800	27500	28000	19200	6430	15300	9880	9210
16	21300	23600	17300	25400	19000	27800	28000	7370	10500	14700	6020	8050
17	22500	24700	24300	25200	19900	27700	28100	4000	6160	16400	4210	4130
18	23700	24500	21800	25300	21300	27600	28100	8570	3400	14400	8000	3290
19	22800	23400	17100	19500	17300	27700	28200	16300	1900	15100	4170	3310
20	20100	23500	18100	22900	13500	27500	28300	8040	8110	12800	11000	3380
21	10300	23800	14000	24500	10500	27600	28200	12500	2990	12600	4160	3480
22	18300	21700	12500	26100	9580	27700	28200	16500	2090	12500	3230	5130
23	14300	22200	15000	27200	8710	27800	28100	22800	6770	15300	2620	10800
24	13400	22000	12800	27600	8500	27800	28300	23400	9850	14000	2810	7780
25	19800	33700	14800	27800	8440	27700	28200	24400	10900	16300	3000	4150
26	13800	25400	18900	27800	16700	27800	28200	24500	23700	16800	3230	12500
27	15700	24900	21700	27800	14800	27900	28200	24700	22400	19000	7080	5520
28	13700	22900	19300	27700	8570	28100	28100	26600	22700	13900	3360	6900
29	17800	24600	19800	27800	10500	28100	28200	26700	22300	13600	3130	6360
30	14300	26500	13600	27600	---	28200	26300	26700	18700	8220	3140	7020
31	11300	---	14700	27600	---	28000	---	26800	---	11600	3040	---
TOTAL	654500	651100	627800	697300	594100	759050	844600	575210	380210	495620	232410	157630
MEAN	21110	21700	20250	22490	20490	24490	28150	18560	12670	15990	7497	5254
MAX	27100	33700	26000	27800	28000	28200	28700	26800	26500	23000	14400	12500
MIN	10300	10900	12500	14900	8440	8340	26300	4000	1900	8220	2620	3030

CAL YR 1979 TOTAL 7652110 MEAN 20960 MAX 33700 MIN 1370
WTR YR 1980 TOTAL 6669530 MEAN 18220 MAX 33700 MIN 1900

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11300	4850	9320	9400	10700	5170	2650	4860	4810	3170	2960	4190
2	15900	7880	13000	13700	7300	4240	2100	3610	7480	3550	3000	7960
3	12800	8300	17400	17600	7410	5040	2190	3670	3750	2810	12500	12700
4	4870	8240	22400	20200	7770	5570	1860	3610	8070	3570	11800	11700
5	4340	10300	18800	25000	7150	7570	887	4370	10800	6750	13600	9350
6	9410	9440	17600	14800	6220	7600	1060	3980	6420	9060	6780	7390
7	15400	13700	15700	11700	4200	6040	3580	3750	4540	11300	10700	8960
8	14100	17700	16900	15800	3860	8350	4100	3850	5610	9370	11000	2650
9	13100	9940	17100	16400	5180	10300	2140	3380	12400	9680	3790	6320
10	19300	9510	16000	11300	4380	11600	3460	3560	10000	11100	7430	10600
11	20700	11800	17400	12000	5840	10600	1660	3940	8180	9160	12300	14900
12	19700	9000	19300	16600	13800	9400	998	3450	3090	7730	10500	11000
13	18000	11100	15100	17900	11300	9510	13400	3750	4720	10200	9920	6530
14	14300	5540	15300	5790	6310	9050	6160	5080	11300	11200	10600	13100
15	11000	9480	21500	4730	5840	9470	416	7130	10900	3710	12900	9000
16	10000	8970	15900	6530	5960	10700	2140	3680	10900	2530	9430	3270
17	8590	18100	14700	9980	4120	8890	1390	3230	9320	4240	5340	2700
18	7980	16200	19400	5790	4170	6960	3330	5040	4090	3450	3810	2330
19	6700	15800	13800	8660	7690	9030	1950	8350	5370	6330	16500	3070
20	10300	15300	11100	7760	8690	12400	7750	4330	8240	9510	10400	1960
21	7720	14500	24400	10900	5180	10200	9710	4040	5670	12400	4230	3500
22	12300	19000	23400	8880	5600	7460	4000	4900	9980	6040	4170	3740
23	11800	11300	8070	11800	13800	11200	7070	4170	10400	4150	3970	2920
24	13700	10500	5590	10200	13800	6330	3380	4080	6290	2910	4340	2560
25	10300	9510	6270	12200	12400	6760	3690	4410	8220	3180	3460	2670
26	9170	10700	13500	12400	6090	12400	3490	4420	4160	3360	3210	3620
27	10700	8770	15600	10500	5170	6860	9610	4170	3320	8750	4040	2080
28	9380	6630	6930	10900	5210	10600	10600	3770	3430	4390	2220	2540
29	9650	9270	3820	9280	---	10400	4740	3740	3130	3540	1870	2040
30	13100	10100	11100	13200	---	10700	4650	2610	3270	2750	2310	3630
31	9440	---	11600	17900	---	3130	---	6960	---	3260	3890	---
TOTAL	365050	331430	458000	379800	205140	263530	124161	133890	207860	193150	222970	178980
MEAN	11780	11050	14770	12250	7326	8501	4139	4319	6929	6231	7193	5966
MAX	20700	19000	24400	25000	13800	12400	13400	8350	12400	12400	16500	14900
MIN	4340	4850	3820	4730	3860	3130	416	2610	3090	2530	1870	1960

CAL YR 1980 TOTAL 5890610 MEAN 16090 MAX 28700 MIN 1900
WTR YR 1981 TOTAL 3063961 MEAN 8394 MAX 25000 MIN 416

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5840	3330	7450	21100	20900	20600	11200	20800	13200	8900	3310	9750
2	3190	3750	3070	21200	20700	20600	8890	20800	12200	5740	5020	5970
3	3800	5550	3970	21100	20700	20600	7260	20700	14700	6220	2690	4270
4	4600	4730	4290	21100	20700	20600	9670	18600	14500	8060	9500	3860
5	3260	4390	4790	21200	20800	20500	12200	15400	14900	6040	9690	2660
6	11000	3090	4600	21100	20800	20600	12000	16800	15000	4720	12400	2980
7	3670	2760	9020	21100	20900	20500	14000	17500	18100	8660	14800	5010
8	3320	3480	3820	21100	20900	20600	15600	17700	11600	11600	12500	2860
9	3450	3200	10100	21100	20900	20800	17400	17100	17500	10500	15200	2350
10	4270	3240	11900	21300	20900	20700	12500	16500	16900	9740	13500	2060
11	3890	3370	16300	20200	20800	20300	11900	15200	16600	5190	13300	2830
12	3550	5710	15700	21300	20900	20400	7510	14500	16700	4240	9330	3240
13	2980	4080	5990	21200	20800	20400	1640	15100	17800	3260	11900	7790
14	3480	1210	3220	21300	20400	20500	3240	14600	18100	7040	13100	5430
15	3180	602	3360	21500	20700	20400	12700	13900	22300	12400	13500	7160
16	4330	4190	11600	21400	20700	20400	7130	10500	22200	13800	13700	6220
17	3100	3470	13400	21200	20700	20500	3100	12100	23100	10200	13500	3690
18	3480	3710	14100	21300	20700	20600	5320	10200	25100	8610	11800	4060
19	4110	5790	15300	21100	20800	20500	3140	5540	27300	12100	11400	4240
20	4350	5640	16200	20900	20700	20500	9460	4540	19700	14400	10600	4340
21	3760	9940	16000	20800	20600	20300	9730	4760	19300	15700	11000	1130
22	3720	5330	15900	20900	20500	20400	4570	10700	6220	18300	10200	2150
23	4160	9900	17000	21000	20400	16400	7360	4570	12500	15300	10100	4750
24	4060	5320	18100	20900	20500	18900	9650	7360	10300	14900	9300	6500
25	4070	5500	16600	20900	20500	19200	5940	9650	15700	14200	6520	6670
26	3610	5120	17900	20800	20400	19600	13000	5940	17200	15600	8540	6680
27	11500	2020	18900	20900	20400	20600	14900	13000	16600	15800	9070	10800
28	3180	3070	18900	21000	20500	20600	16100	14900	12700	14500	10300	8870
29	3680	3150	18900	21000	---	19800	14800	16100	7960	10700	4200	9390
30	3050	3030	19000	20800	---	15100	12400	14800	8900	16000	6550	3140
31	2040	---	20000	20900	---	12700	---	12400	---	14900	8480	---
TOTAL	129680	127672	375380	652700	579200	614200	294310	412260	484880	337320	315000	150850
MEAN	4183	4256	12110	21050	20690	19810	9810	13300	16160	10880	10160	5028
MAX	11500	9940	20000	21500	20900	20800	17400	20800	27300	18300	15200	10800
MIN	2040	602	3070	20200	20400	12700	1640	4540	6220	3260	2690	1130

CAL YR 1981 TOTAL 2542213 MEAN 6965 MAX 25000 MIN 416
WTR YR 1982 TOTAL 4473452 MEAN 12260 MAX 27300 MIN 602

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

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	3750	9240	9460	27500	24700	27500	27800	27800	19300	6330	11500	4650
2	4100	8640	10800	27700	25100	27600	27800	27900	16800	6820	4990	3710
3	3430	9420	8460	27800	25600	27700	27900	27900	13500	6760	5300	3230
4	3540	13200	11400	27700	26500	27800	28000	28000	16800	8410	7710	4040
5	3790	7920	14600	27600	26300	27800	28000	28000	11500	8930	8330	5400
6	3580	6190	14700	27800	25800	27800	28000	24300	11500	8850	8010	12600
7	6080	5900	16100	28000	26900	27600	28100	21800	11400	10400	6380	7940
8	5070	8950	18000	28100	27500	27200	28100	22300	9210	9210	11600	12900
9	3110	15700	14500	27900	27500	27800	28000	22300	9380	9920	12800	3880
10	2620	18000	18600	27800	27300	27900	28000	26800	11200	9820	10300	2360
11	1020	18600	20400	28100	27100	28000	28000	17500	14100	9570	15500	5860
12	2370	12100	23400	28300	27200	28000	28000	20700	12400	8690	17200	8360
13	5170	13000	26600	28300	27300	28000	27600	16900	11400	11800	8810	4530
14	8900	21100	25900	28300	27200	27900	27600	15000	12700	12200	5060	4160
15	14000	16500	25200	28400	27200	27900	27100	14900	13300	9260	4230	2980
16	6130	10100	25400	28400	27200	27900	27800	15000	12100	10400	6010	3130
17	3650	7880	26200	27500	27200	28000	27700	9730	12400	7620	9070	6270
18	4720	6580	26100	23300	26800	28000	27700	8130	11600	8890	12700	4660
19	4690	6160	26400	14900	27400	27300	27800	7610	11400	9410	15400	5760
20	3800	5810	26600	16800	27400	27700	27400	12700	11200	9840	11200	4500
21	3870	5880	27000	13100	27500	27700	25800	17500	11600	11500	7240	4710
22	3270	6430	26800	9400	27700	28300	26600	15600	12200	10100	12800	4010
23	2800	6530	26800	9000	27800	28200	27700	17800	11000	9940	10100	4910
24	6450	8440	26500	14100	28000	28100	27500	17600	12500	9720	4360	4400
25	5570	15100	26000	17100	27500	28000	27800	16900	12100	7430	4600	3930
26	5820	12200	26400	18200	27500	27800	27700	17700	13200	9740	3010	2870
27	6160	7730	25900	19600	27400	27600	27500	16300	11100	10500	3250	3530
28	3460	7720	26500	23900	27300	27700	27700	19500	6450	9970	3470	4900
29	4080	8440	27400	23600	---	27900	27700	19500	7980	8700	3770	3590
30	2600	13600	28000	24700	---	27800	27800	17400	7140	9220	3800	3110
31	2800	---	27800	25000	---	27800	---	19500	---	7710	3940	---
TOTAL	140400	313060	683920	727900	755900	862300	830200	590570	358460	287660	252440	150880
MEAN	4529	10440	22060	23480	27000	27820	27670	19050	11950	9279	8143	5029
MAX	14000	21100	28000	28400	28000	28300	28100	28000	19300	12200	17200	12900
MIN	1020	5810	8460	9000	24700	27200	25800	7610	6450	6330	3010	2360

CAL YR 1982 TOTAL 4978100 MEAN 13640 MAX 28000 MIN 1020
WTR YR 1983 TOTAL 5953690 MEAN 16310 MAX 28400 MIN 1020

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4780	4980	14400	21000	21200	21300	21100	20700	20000	12100	27200	13600
2	3850	4870	15300	21100	21200	21200	21000	17100	21100	12000	27500	14200
3	3490	6020	14200	21000	21100	21200	21200	16200	21100	12800	27800	12700
4	5030	5640	16600	21100	21000	21200	21200	21200	21000	13600	28000	12300
5	3540	4510	17400	21200	21000	20900	21200	21100	21000	11200	28000	12800
6	3860	5970	18700	21200	21200	21100	21400	21000	21100	10100	27900	9710
7	3310	5000	20600	21200	21200	21300	21400	21100	21000	12200	27900	11000
8	4410	2150	21200	21200	21100	21400	21300	21000	21100	10500	27900	13900
9	4530	5520	21200	20500	21000	21400	21200	21000	21200	10300	28000	13700
10	3300	5650	21200	21200	21100	21400	21100	20900	21100	9330	28400	15900
11	3470	7220	21200	21300	21000	21400	21200	20900	21000	10700	27200	18200
12	7520	7150	21200	21300	21000	21400	21000	20900	20900	13300	27800	12600
13	7440	5480	21300	21200	21000	21300	20700	21000	20800	11900	26700	11800
14	7400	7130	21300	21200	20800	21400	20800	21000	20800	13800	17400	13200
15	3670	7250	21400	21100	20900	21300	20800	20800	20800	14600	16000	8050
16	3360	9100	21400	21100	19900	21300	20800	19700	20800	15500	12400	4300
17	2680	12600	21400	19300	20500	21100	20600	20800	21000	15600	15900	4120
18	4230	8550	21300	21200	20600	20600	21000	20900	18000	21300	15800	4200
19	5200	4920	21200	19800	20500	20500	21200	21100	12200	23100	15900	3920
20	11700	6870	21200	21300	20600	20900	21200	21300	7700	22600	16200	6780
21	8880	8250	21100	21200	21000	20900	21100	21100	2430	23900	8760	6270
22	6350	9900	21200	21300	20900	21200	21200	21000	1040	23900	12300	5650
23	4120	6830	21200	20100	20900	21300	21300	21000	8470	22000	15600	5570
24	4740	8180	21300	20100	21200	21200	21100	21000	4870	18500	15500	5450
25	4350	14000	21500	20900	21300	21200	19900	21000	7840	20200	13600	6830
26	4200	7910	21400	21100	21200	21300	20800	21200	9410	22200	12700	8260
27	4790	8680	21300	21100	21100	21400	20500	21200	10800	19900	14800	4670
28	4770	11200	21200	21100	21300	21100	20600	21000	11100	25300	17800	5750
29	5820	14000	21300	21200	21500	21100	20500	21000	8170	25600	16400	15400
30	5540	14800	21200	21300	---	21500	20200	20900	9300	27400	17100	5040
31	5330	---	21100	21300	---	21200	---	20900	---	27300	14300	---
TOTAL	155660	230330	627500	650200	608300	657000	628600	641000	467130	532730	628760	285870
MEAN	5021	7678	20240	20970	20980	21190	20950	20680	15570	17180	20280	9529
MAX	11700	14800	21500	21300	21500	21500	21400	21300	21200	27400	28400	18200
MIN	2680	2150	14200	19300	19900	20500	19900	16200	1040	9330	8760	3920

CAL YR 1983 TOTAL 5829800 MEAN 15970 MAX 28400 MIN 2150
WTR YR 1984 TOTAL 6113080 MEAN 16700 MAX 28400 MIN 1040

02172002 LAKE MOULTRIE TAILRACE CANAL AT MONCKS CORNER, SC--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5560	9380	5080	9730	4230	22700	238	4750	1130	2710	10000	1750
2	5690	9710	5900	9780	12400	16000	6980	4610	2150	5390	9980	.00
3	6450	9050	5110	14500	17600	15900	7290	8320	2460	3040	8640	3100
4	6410	9880	15000	19300	21100	15300	7400	6770	2960	3170	8810	2240
5	6600	10900	19100	16700	23400	16300	7280	6920	2200	3120	7750	9280
6	6630	10100	17000	19200	24800	14700	2100	.00	2580	3290	5190	6630
7	6040	10100	21400	19000	25200	12200	.00	.00	2940	3260	7060	2860
8	6210	10200	15900	17700	26900	10700	.00	3890	4080	3220	6500	2400
9	6020	10200	15300	16300	27400	11400	6450	2970	3280	3650	7370	.00
10	5580	10100	14200	17000	27400	11600	7550	7710	3990	3280	6480	8860
11	2820	5780	16200	19800	27500	6540	7140	8590	2260	3220	6480	2150
12	4150	4530	18100	22500	27600	3170	7830	8220	5420	3260	10700	4120
13	4370	6220	18700	21300	28000	2590	1810	.00	7040	3080	2160	5760
14	4050	8000	17100	15000	28000	2000	.00	.00	7480	2400	3240	3140
15	4240	6490	19300	16700	27100	2890	.00	3710	6830	4570	2690	2320
16	4020	5630	18800	15400	28100	5010	6320	9640	8460	1740	3460	.00
17	3850	6020	20000	15400	28100	18100	6400	9410	8250	2650	3000	2790
18	3830	6330	17400	13400	27800	12300	5700	9820	7970	3340	2470	3600
19	4690	7050	13700	12800	27600	3550	8230	9770	8140	2920	13900	4100
20	5180	7820	12200	9020	27500	653	2750	9320	6350	3400	23900	6100
21	6750	6200	8310	27300	27300	3090	.00	7590	4970	2880	26200	3150
22	9900	3950	8390	10900	26900	2770	.00	8160	4010	3060	26400	2400
23	6220	3830	8640	4830	28200	2120	6090	10100	3430	3320	25200	3080
24	6660	4240	5540	5420	28100	344	5760	9550	2220	4640	23400	4820
25	4670	4900	8920	5870	28200	.00	7540	8330	2080	17600	17500	2810
26	4360	4320	13400	9560	25300	6140	8210	9140	2600	9940	13900	1560
27	4520	4470	12900	3040	28100	6370	6470	9150	1370	7760	13500	2920
28	9290	5390	12200	5000	25100	9160	5890	6650	793	5530	16200	2540
29	9990	10900	11100	3100	---	9500	251	8210	2210	9340	14600	2330
30	4510	6740	8810	3150	---	2830	.00	1660	1560	6850	14400	.00
31	5350	---	10600	3430	---	588	---	2520	---	8430	808	---
TOTAL	174610	218430	414300	402130	704930	246515.00	131679.00	195480.00	121213	144060	341888	96810.00
MEAN	5633	7281	13360	12970	25180	7952	4389	6306	4040	4647	11030	3227
MAX	9990	10900	21400	27300	28200	22700	8230	10100	8460	17600	26400	9280
MIN	2820	3830	5080	3040	4230	.00	.00	.00	793	1740	808	.00

CAL YR 1984 TOTAL 5906930 MEAN 16140 MAX 28400 MIN 1040
WTR YR 1985 TOTAL 3192045.00 MEAN 8745 MAX 28200 MIN .00

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.

PERIOD OF RECORD.--August 1975 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1983 to current year.
pH: April 1983 to current year.
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: April 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept. 17, 1985; minimum, 40 microsiemens, Sept. 7, 1987.
pH: Maximum, 8.4 units, July 26, 27, 1988; minimum, 5.6 units, Sept. 7, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, July 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981.
DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23, 1988; minimum 2.2 mg/L, Apr. 7, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 301 microsiemens, July 27; minimum, 78 microsiemens, July 20.
pH: Maximum, 8.4 units, July 26, 27; minimum, 6.0 units, Aug. 28.
WATER TEMPERATURE: Maximum, 30.0°C, several days in Aug; minimum, 4.5°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Jan. 20, 23; minimum, 4.5 mg/L, July 4.

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	110	107	108	125	117	121	131	126	127	126	117	122
2	114	108	110	127	117	122	130	121	126	126	121	123
3	114	107	110	141	117	123	124	121	122	125	122	123
4	111	106	108	129	115	119	123	121	122	124	122	123
5	115	107	109	130	114	117	126	123	124	126	123	124
6	118	107	110	121	113	116	127	124	126	126	125	125
7	114	107	109	122	114	117	130	123	126	127	125	126
8	114	107	109	119	114	116	132	122	125	127	126	126
9	116	107	109	128	115	118	130	122	124	129	127	127
10	114	105	108	126	115	118	125	121	123	130	127	128
11	119	107	110	120	115	117	123	121	122	131	126	128
12	116	109	111	118	115	116	124	121	122	129	126	127
13	114	109	111	117	115	116	126	124	125	129	127	128
14	111	107	109	117	115	116	126	123	124	130	127	128
15	110	108	109	118	115	116	125	122	123	130	128	129
16	112	108	109	119	115	117	126	122	125	130	128	129
17	112	108	110	119	115	117	130	121	124	132	128	129
18	112	109	111	123	114	118	123	120	121	139	128	130
19	114	109	111	126	119	121	123	119	121	133	128	130
20	117	110	113	123	118	120	133	119	122	138	129	131
21	121	111	116	124	119	121	158	120	125	136	131	132
22	122	118	120	123	120	121	196	121	130	135	132	133
23	121	118	120	122	120	121	142	120	124	134	133	133
24	125	119	120	122	120	121	126	119	121	135	133	134
25	125	120	122	129	120	123	130	118	121	137	134	135
26	126	118	121	129	119	122	122	117	120	139	134	136
27	125	119	121	131	121	123	127	120	122	138	135	136
28	129	119	122	132	123	126	129	119	123	139	135	136
29	124	119	121	136	125	129	124	119	121	174	131	144
30	122	120	121	136	127	129	---	---	---	133	131	132
31	123	120	121	---	---	---	123	119	122	133	131	132
MONTH	129	105	114	141	113	120	196	117	123	174	117	130

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, 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	134	132	132	134	130	132	133	126	131	129	122	125
2	136	132	133	133	131	132	133	131	132	129	121	125
3	148	133	135	132	128	131	133	131	132	129	123	126
4	135	132	133	132	128	130	134	132	133	130	126	128
5	136	132	133	131	130	131	134	130	132	128	119	124
6	137	133	134	132	128	130	134	132	133	129	126	127
7	136	123	134	132	129	130	135	133	133	128	126	127
8	136	133	134	131	128	130	136	134	135	129	127	128
9	137	133	134	131	130	130	138	133	135	133	123	128
10	136	133	134	132	128	130	151	134	138	136	126	131
11	138	132	134	133	130	131	169	134	141	137	122	127
12	135	131	133	133	128	130	149	134	138	124	115	120
13	137	134	135	129	127	128	135	133	134	123	112	118
14	137	133	135	130	127	129	139	133	134	126	115	119
15	154	135	139	129	128	129	139	130	135	127	115	121
16	137	135	136	131	128	129	138	133	135	125	114	120
17	134	133	133	132	129	130	140	132	135	125	119	122
18	136	132	134	133	129	130	140	134	136	126	120	123
19	141	133	136	132	128	129	138	134	135	126	121	123
20	135	131	134	133	126	129	138	122	130	124	121	122
21	138	133	136	138	127	130	129	122	127	139	122	129
22	136	132	134	142	128	131	130	127	128	130	122	126
23	135	131	133	133	123	129	130	127	129	132	120	125
24	134	132	132	133	129	131	129	127	128	125	122	124
25	133	131	132	132	128	130	131	128	129	126	122	124
26	134	131	133	130	128	129	130	128	129	128	122	124
27	133	130	132	133	129	130	131	128	129	129	120	124
28	135	130	132	135	129	133	132	127	129	127	120	122
29	134	131	133	134	131	132	130	123	128	132	120	124
30	---	---	---	135	130	132	129	122	125	145	123	128
31	---	---	---	133	126	131	---	---	---	147	123	130
MONTH	154	123	134	142	123	130	169	122	132	147	112	125

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	132	117	123	156	115	122	163	122	135	175	127	137
2	140	119	124	151	115	125	170	123	140	180	129	144
3	156	119	129	169	116	136	203	124	141	154	128	137
4	175	119	133	201	117	153	166	120	132	162	126	136
5	157	118	127	---	---	---	173	122	135	143	125	131
6	154	117	125	141	122	127	132	121	124	149	125	132
7	130	117	121	175	121	140	155	120	138	148	129	134
8	151	118	127	170	122	137	179	124	143	145	127	132
9	158	120	130	168	122	138	179	125	147	142	124	128
10	179	122	135	161	123	136	146	111	123	128	121	124
11	169	120	129	178	124	138	157	122	140	124	121	123
12	145	117	124	196	123	140	196	132	148	123	118	122
13	147	118	125	177	121	143	182	128	138	125	112	119
14	143	119	126	165	116	133	167	129	138	126	115	118
15	146	120	128	152	98	118	184	130	141	134	114	121
16	156	120	129	124	91	100	179	131	155	153	114	120
17	167	120	131	148	89	106	---	---	---	138	117	120
18	152	119	128	162	79	98	166	124	135	123	120	121
19	170	121	131	147	102	127	136	125	128	147	120	123
20	151	118	127	125	78	114	166	127	142	125	120	122
21	135	119	123	162	121	130	139	127	132	143	120	120
22	125	120	122	150	122	127	143	127	132	122	120	121
23	142	116	123	150	122	129	169	127	137	121	120	121
24	141	114	121	153	123	129	158	126	134	123	120	121
25	172	115	136	161	122	130	198	127	139	124	122	123
26	168	116	128	149	122	131	225	126	153	126	123	124
27	184	120	135	301	122	142	211	124	142	129	113	121
28	179	115	124	228	121	139	204	127	144	121	110	114
29	183	116	128	184	121	133	175	125	134	112	109	110
30	154	115	125	181	122	141	171	127	136	112	109	110
31	---	---	---	196	122	137	168	126	136	---	---	---
MONTH	184	114	127	301	78	130	225	111	138	180	109	124
YEAR	301	78	127									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, 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	25.0	24.5	24.5	17.0	16.5	17.0	14.5	13.5	14.0	11.5	11.0	11.0
2	24.0	24.0	24.0	17.5	17.0	17.0	13.5	12.5	13.0	11.5	11.0	11.5
3	24.0	23.5	24.0	18.0	17.0	17.5	13.0	12.5	13.0	11.0	10.0	10.5
4	23.5	22.0	22.5	18.0	17.5	17.5	13.0	12.5	12.5	10.5	9.5	10.0
5	22.5	21.5	22.0	18.0	17.5	17.5	12.5	11.5	12.0	10.0	9.5	9.5
6	22.5	21.5	22.0	17.5	17.0	17.0	11.5	11.0	11.0	9.0	8.5	9.0
7	22.0	21.5	22.0	17.0	16.0	16.5	11.0	10.5	11.0	8.5	7.0	8.0
8	22.0	21.0	21.5	16.5	16.0	16.5	12.0	11.0	11.0	7.0	6.5	6.5
9	21.5	20.0	21.0	17.0	16.5	16.5	12.0	11.5	12.0	6.5	6.0	6.5
10	21.5	20.5	21.0	18.0	17.0	17.5	12.5	12.0	12.0	6.5	6.0	6.0
11	21.0	20.5	21.0	17.5	16.0	17.0	12.5	12.0	12.0	6.0	5.5	6.0
12	20.5	20.0	20.5	16.0	15.0	15.5	12.0	11.5	12.0	6.0	5.5	6.0
13	19.5	19.0	19.0	15.0	15.0	15.0	12.0	11.5	12.0	6.0	6.0	6.0
14	19.0	18.5	18.5	15.0	14.5	15.0	12.5	11.5	12.0	6.0	5.5	6.0
15	18.5	18.0	18.0	15.0	15.0	15.0	13.0	12.5	12.5	5.5	5.0	5.0
16	18.0	17.5	18.0	16.0	15.0	15.5	13.0	11.5	12.0	5.5	4.5	5.0
17	18.5	17.5	18.0	16.5	16.0	16.0	11.5	10.5	11.0	5.5	5.0	5.5
18	18.5	18.0	18.5	17.0	16.0	16.5	11.0	10.5	10.5	6.0	5.5	6.0
19	19.0	18.5	18.5	16.5	15.5	16.0	11.0	10.5	10.5	6.5	6.0	6.5
20	19.5	18.5	19.0	15.5	15.0	15.5	12.0	10.5	11.0	9.0	7.0	7.5
21	19.5	18.5	19.0	15.0	14.0	14.5	12.5	12.0	12.0	8.0	7.5	8.0
22	18.5	18.0	18.0	14.5	13.5	14.0	12.5	12.0	12.5	8.0	6.5	7.0
23	18.0	17.0	17.5	14.0	13.0	13.5	12.5	11.0	11.5	7.5	6.5	7.0
24	18.5	17.5	18.0	14.0	13.5	14.0	12.0	11.5	11.5	7.5	7.0	7.0
25	18.0	18.0	18.0	14.5	14.0	14.0	12.5	11.5	12.0	7.5	7.0	7.0
26	18.0	17.5	18.0	15.0	14.5	14.5	13.0	11.5	12.0	7.0	6.5	6.5
27	17.5	17.0	17.5	15.5	14.5	15.0	13.0	13.0	13.0	6.5	6.0	6.5
28	17.0	17.0	17.0	15.5	14.5	15.0	13.5	12.5	13.0	6.5	6.0	6.0
29	17.0	16.5	17.0	15.0	14.5	15.0	12.5	11.5	12.0	7.0	6.0	6.5
30	17.0	16.5	17.0	14.5	14.5	14.5	---	---	---	7.0	6.5	6.5
31	17.0	16.5	17.0	---	---	---	11.0	10.5	10.5	8.0	7.0	7.5
MONTH	25.0	16.5	19.5	18.0	13.0	15.5	14.5	10.5	12.0	11.5	4.5	7.0

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

TEMPERATURE (°C) OF WATER, 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	25.0	23.0	24.0	27.0	25.5	26.5	29.5	28.5	29.0	27.0	26.0	26.5
2	25.5	23.5	24.5	27.0	26.0	26.5	30.0	29.0	29.5	26.0	26.0	26.0
3	26.0	24.5	25.0	26.5	25.5	26.0	30.0	29.0	29.5	26.5	26.0	26.0
4	25.5	23.5	24.5	25.5	25.0	25.5	29.5	28.5	29.0	27.0	26.5	26.5
5	24.5	23.0	24.0	26.0	25.0	25.5	29.5	28.5	29.0	26.5	26.0	26.0
6	25.0	24.0	24.0	26.0	25.5	25.5	29.0	28.5	29.0	26.0	25.0	25.5
7	25.0	24.0	24.5	26.5	25.5	26.0	29.0	28.5	28.5	25.0	24.5	24.5
8	26.0	25.0	25.5	26.5	26.0	26.0	29.5	28.5	29.0	24.5	24.0	24.0
9	26.5	25.5	26.0	27.0	26.0	26.5	30.0	29.0	29.5	24.0	23.5	24.0
10	26.0	24.5	25.0	27.5	26.5	27.0	29.5	29.0	29.0	25.0	24.0	24.5
11	24.5	23.5	24.0	28.0	27.0	27.5	30.0	28.5	29.0	25.5	24.5	25.0
12	25.0	23.5	24.5	27.5	26.5	27.0	29.5	29.0	29.5	26.0	24.5	25.0
13	25.5	24.0	25.0	28.0	27.0	27.5	29.5	28.5	29.0	25.0	24.0	24.5
14	26.0	24.5	25.5	28.0	27.5	28.0	29.5	28.5	29.0	25.0	24.0	24.5
15	26.0	24.5	25.5	28.5	27.5	28.0	29.5	28.5	29.0	25.5	24.5	25.0
16	26.0	24.5	25.5	28.5	27.5	28.0	29.0	28.0	28.5	26.0	25.0	25.5
17	26.0	24.5	25.5	29.0	28.0	28.5	29.5	28.0	28.5	25.5	24.5	25.0
18	26.5	25.0	25.5	29.0	28.0	28.5	29.5	28.5	29.0	25.0	24.5	25.0
19	26.5	25.5	26.0	29.0	28.0	28.5	29.5	25.5	29.5	25.0	24.5	24.5
20	26.5	25.5	26.0	29.0	28.0	28.5	30.0	29.5	29.5	25.0	24.5	25.0
21	26.5	25.5	26.0	28.5	27.5	28.0	29.5	29.0	29.5	25.5	25.0	25.0
22	26.5	26.0	26.5	28.0	27.0	27.5	29.0	27.0	29.0	25.5	25.0	25.5
23	27.5	26.0	26.5	27.5	27.0	27.5	28.5	28.0	28.5	26.0	25.0	25.5
24	28.0	26.5	27.0	27.5	27.0	27.5	29.0	28.5	28.5	26.5	25.5	26.0
25	28.5	27.5	28.0	28.5	27.5	28.0	29.0	28.5	29.0	26.5	26.0	26.0
26	28.0	27.0	27.5	29.0	28.0	28.5	29.5	28.5	29.0	26.0	25.0	25.5
27	27.5	26.5	27.0	29.0	28.0	28.5	29.0	28.5	29.0	25.0	24.0	24.5
28	27.0	25.0	26.0	29.0	28.5	28.5	29.0	27.5	28.0	25.0	24.5	24.5
29	27.5	26.0	27.0	29.0	28.0	28.5	28.0	27.5	27.5	25.0	24.5	24.5
30	27.5	26.0	26.5	29.5	28.0	29.0	28.5	27.5	28.0	25.0	24.5	24.5
31	---	---	---	29.5	28.5	29.0	28.0	27.0	27.5	---	---	---
MONTH	28.5	23.0	25.5	29.5	25.0	27.5	30.0	25.5	29.0	27.0	23.5	25.0
YEAR	30.0	4.5	18.5									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.1	5.6	6.4	8.6	6.7	7.6	11.6	10.0	10.8	10.0	8.8	9.5
2	7.8	6.1	6.8	8.8	6.8	7.9	11.5	9.5	10.8	10.0	8.6	9.3
3	7.7	6.5	7.5	8.6	6.5	7.8	10.5	9.2	9.9	10.1	8.7	9.4
4	---	---	---	8.2	6.7	7.3	10.8	9.2	10.2	10.2	9.0	9.7
5	---	---	---	7.9	6.2	7.1	11.3	9.5	10.4	10.5	9.3	10.0
6	---	---	---	8.6	5.9	7.5	11.0	8.8	10.2	10.9	9.7	10.3
7	10.3	6.8	8.4	8.5	6.5	7.4	11.1	9.1	10.4	11.0	9.9	10.5
8	9.4	6.7	8.3	8.0	5.9	7.2	11.4	8.9	10.3	11.1	10.1	10.7
9	10.5	7.3	9.1	7.8	6.1	7.0	11.3	9.3	10.5	11.5	10.2	10.8
10	10.1	7.4	8.8	7.4	5.6	6.5	10.8	8.6	9.7	11.6	10.4	11.0
11	9.7	6.6	8.3	7.8	5.5	6.6	10.8	8.8	9.8	12.6	10.7	11.6
12	9.0	6.7	7.9	8.1	6.8	7.5	11.0	8.7	9.9	12.7	11.3	12.0
13	10.5	7.4	9.0	8.2	7.0	7.6	10.8	8.1	9.6	12.6	11.6	12.1
14	11.1	8.7	10.1	7.7	6.7	7.3	10.8	8.6	9.7	12.8	11.8	12.3
15	10.9	9.3	10.2	7.7	6.2	7.0	11.1	8.7	10.0	13.0	12.0	12.6
16	11.3	8.7	9.9	7.7	6.1	7.0	11.7	9.3	10.7	13.0	12.2	12.7
17	10.6	8.5	9.3	7.2	6.1	6.8	12.0	9.8	11.0	13.2	12.4	12.7
18	9.0	7.1	8.3	6.6	5.7	6.1	12.9	10.5	11.5	13.5	12.3	12.9
19	9.3	7.2	8.4	---	---	---	13.3	11.8	12.8	13.2	12.3	12.8
20	9.2	7.3	8.4	---	---	---	13.2	11.1	12.4	13.7	12.0	12.6
21	9.2	6.7	8.0	---	---	---	13.0	10.1	11.5	13.4	11.5	12.4
22	11.4	8.4	10.0	---	---	---	12.3	9.9	10.9	13.4	11.6	12.6
23	10.9	8.3	9.8	---	---	---	11.5	9.5	10.4	13.7	11.8	12.8
24	10.7	7.9	9.4	---	---	---	10.7	8.7	9.7	13.3	11.2	12.3
25	10.0	7.2	8.5	11.2	10.1	10.6	11.2	8.8	9.8	12.9	11.1	12.0
26	10.1	7.0	8.5	11.1	9.4	10.1	10.2	8.3	9.2	13.1	11.2	12.1
27	9.2	6.7	8.2	9.9	9.1	9.6	9.7	8.1	8.9	13.1	11.5	12.4
28	8.4	6.5	7.6	10.8	9.1	9.5	10.2	8.0	8.9	13.2	11.6	12.5
29	10.1	7.5	9.0	9.7	8.6	9.0	10.0	9.0	9.5	13.4	11.6	12.4
30	9.5	7.9	8.5	10.8	8.8	9.6	---	---	---	13.0	11.6	12.3
31	8.7	6.8	7.9	---	---	---	10.1	8.7	9.5	13.6	11.5	12.5
MONTH	11.4	5.6	8.6	11.2	5.5	7.8	13.3	8.0	10.3	13.7	8.6	11.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.4	11.9	12.7	11.7	10.4	11.0	8.5	7.2	7.9	9.3	7.4	8.5
2	13.6	10.9	12.0	11.8	10.0	10.9	8.4	7.3	8.0	9.1	7.4	8.4
3	11.6	10.3	11.1	11.4	10.1	10.7	8.4	7.1	7.9	9.6	7.6	8.5
4	11.4	10.1	10.8	11.3	9.5	10.4	8.2	7.0	7.6	8.8	7.2	8.2
5	12.1	10.1	11.3	11.1	8.8	10.2	8.6	6.6	7.7	9.1	6.0	8.1
6	12.1	10.3	11.2	11.2	9.4	10.4	8.4	7.2	7.7	9.7	7.9	8.7
7	12.5	10.8	11.5	11.5	9.5	10.6	8.2	6.7	7.4	9.8	8.2	8.7
8	12.3	10.5	11.6	11.1	9.4	10.4	8.8	6.8	7.7	10.0	8.2	8.8
9	11.9	10.4	11.1	10.7	8.8	9.7	8.9	6.5	7.9	9.5	8.2	8.8
10	12.3	10.4	11.3	10.0	8.0	9.1	9.0	7.4	8.1	10.6	8.0	9.2
11	11.8	10.5	11.3	10.2	8.8	9.5	8.7	6.9	7.7	8.1	6.3	7.3
12	11.8	10.3	11.1	10.2	8.0	9.5	8.2	6.5	7.3	9.0	6.6	7.9
13	11.7	10.2	11.1	10.0	8.6	9.4	8.8	6.8	7.8	9.7	6.2	8.0
14	11.8	10.4	11.2	10.3	8.2	9.4	8.8	7.2	8.0	8.7	6.1	6.8
15	11.5	10.2	10.8	10.7	9.0	10.0	8.9	6.3	8.3	8.9	6.1	7.7
16	11.2	9.9	10.2	10.8	8.7	10.0	9.2	6.8	8.0	8.7	6.6	7.7
17	12.0	11.2	11.5	11.0	8.4	9.8	9.7	7.1	8.8	8.4	6.6	7.2
18	12.1	10.6	11.2	10.4	8.1	9.5	9.2	7.1	8.9	7.8	6.5	7.1
19	11.6	10.1	10.9	10.2	8.5	9.5	9.7	6.7	7.3	8.1	6.6	6.9
20	11.1	9.8	10.5	10.1	8.0	9.3	8.5	7.2	7.4	8.5	6.3	7.1
21	11.1	9.5	10.2	10.3	8.6	9.5	9.0	7.1	7.7	8.5	7.2	8.3
22	11.7	9.8	10.8	10.5	8.2	9.3	8.6	7.3	7.8	---	---	---
23	11.3	10.0	10.7	9.7	8.1	9.0	8.8	6.7	7.6	7.4	6.2	6.7
24	11.3	10.1	10.7	9.5	7.8	8.7	8.0	6.6	7.2	7.0	5.9	6.3
25	11.9	10.0	11.1	9.2	7.7	8.6	8.0	6.5	7.3	6.7	5.7	6.2
26	12.0	10.5	11.3	8.9	7.6	8.3	7.9	6.8	7.2	7.5	5.8	6.7
27	11.7	10.0	11.1	8.7	7.3	8.1	8.1	6.5	7.3	7.2	6.3	6.8
28	11.6	9.9	10.9	9.1	7.4	8.3	8.4	6.9	7.8	7.9	6.5	7.2
29	11.7	9.8	10.8	9.1	7.6	8.5	9.2	7.3	8.2	7.7	6.5	7.3
30	---	---	---	8.9	7.9	8.4	9.1	7.9	8.6	7.7	6.2	7.2
31	---	---	---	8.7	7.3	8.0	---	---	---	7.6	6.2	6.8
MONTH	13.6	9.5	11.1	11.8	7.3	9.5	9.7	6.3	7.8	10.6	5.7	7.6

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.4	5.9	6.6	7.2	4.7	6.3	6.9	5.5	6.4	6.6	5.1	5.7
2	7.7	5.9	6.8	8.3	6.3	7.1	6.5	5.0	5.9	7.0	5.7	6.2
3	7.4	5.7	6.7	7.8	5.1	6.5	6.5	5.2	5.9	7.1	6.0	6.4
4	8.6	6.1	7.0	6.0	4.5	5.4	6.6	5.4	5.8	7.1	6.3	6.6
5	8.7	6.3	7.4	7.4	5.2	6.1	6.6	5.5	6.0	6.7	6.2	6.4
6	8.5	7.2	7.7	7.7	6.1	6.7	6.6	5.5	6.1	6.5	5.8	6.1
7	7.7	6.7	7.1	7.9	6.6	7.1	6.4	5.6	6.1	7.5	5.2	6.4
8	7.6	6.8	7.2	7.7	6.8	7.2	6.8	5.4	6.2	7.3	6.4	6.8
9	7.5	6.1	6.8	7.8	6.7	7.4	7.1	5.4	6.4	6.9	6.0	6.5
10	6.9	5.7	6.3	7.7	6.5	7.2	6.8	5.2	6.1	7.6	5.6	6.9
11	7.7	5.3	6.6	7.5	6.3	7.0	7.2	5.5	6.4	7.7	5.6	6.9
12	8.6	6.6	7.8	7.4	6.0	6.7	8.9	4.9	6.6	7.2	5.6	6.5
13	8.7	7.0	8.1	7.4	6.0	6.7	7.3	5.0	6.3	6.7	5.0	6.0
14	8.6	6.7	7.8	7.6	5.7	6.6	7.9	5.9	6.9	7.2	5.4	6.3
15	8.3	6.2	7.4	7.9	5.9	6.8	7.7	6.2	6.9	7.2	5.7	6.5
16	7.9	5.9	7.0	7.6	5.9	6.9	7.7	5.7	6.7	6.8	5.7	6.2
17	7.8	5.7	6.8	7.4	5.7	6.7	7.4	5.8	6.6	6.2	5.2	5.7
18	7.5	5.7	6.7	7.5	5.8	6.7	7.4	5.2	6.2	6.0	5.2	5.6
19	7.4	5.8	6.7	7.3	6.2	6.8	8.9	5.8	6.8	6.1	5.0	5.4
20	7.2	5.7	6.5	6.9	5.6	6.3	7.3	6.0	6.7	6.2	5.2	5.6
21	7.4	5.8	6.5	6.5	5.2	5.8	6.7	6.0	6.4	8.7	5.5	6.1
22	7.1	5.9	6.3	5.8	4.8	5.3	6.0	5.2	5.6	6.9	5.4	6.2
23	6.8	5.8	6.2	5.7	4.8	5.3	6.9	5.2	6.0	7.4	5.8	6.6
24	6.6	5.8	6.2	5.7	5.1	5.4	6.8	5.6	6.4	7.0	5.7	6.4
25	7.0	5.4	6.3	6.5	5.1	5.7	7.0	5.5	6.3	6.7	5.3	6.0
26	6.7	5.5	6.2	7.2	5.6	6.4	7.2	5.0	6.3	6.1	4.7	5.4
27	6.2	5.4	5.8	7.5	5.9	6.7	7.1	5.4	6.3	6.2	4.9	5.7
28	7.6	4.9	6.3	7.0	6.0	6.6	6.7	5.6	6.2	6.5	5.1	5.9
29	8.2	6.2	7.3	7.2	5.4	6.3	7.1	5.0	6.2	6.5	5.2	6.1
30	8.3	5.8	6.8	7.0	5.2	6.2	6.8	5.0	5.9	6.2	4.8	5.6
31	---	---	---	7.5	5.5	6.5	6.2	5.0	5.6	---	---	---
MONTH	8.7	4.9	6.8	8.3	4.5	6.5	8.9	4.9	6.3	8.7	4.7	6.2
YEAR	13.7	4.5	8.3									

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.

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, 8.1 units, Aug. 26, 1987; 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, 0.9 mg/L, June 29-30, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 492 microsiemens, July 28; minimum, 98 microsiemens, Oct. 1.
pH: Maximum, 8.4 units, Oct. 4, 10, Mar. 8; minimum, 6.5 units, Dec. 12, 16, 17, May 26, 27, July 14, Sept. 10, 11.
WATER TEMPERATURE: Maximum, 30.5°C, July 30, 31, Aug. 1-3, 11, 18; minimum, 4.5°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Jan. 15, 16, 17; minimum, 3.4 mg/L, May 22, Aug. 5, 7, 8.

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	104	98	100	119	107	113	127	113	120	133	108	120
2	136	100	106	136	110	117	125	112	117	135	116	124
3	130	100	107	180	114	128	118	112	115	122	115	118
4	111	99	103	185	115	130	120	112	116	122	114	116
5	115	101	106	160	111	123	118	112	115	124	114	118
6	123	104	112	121	101	115	124	113	117	123	116	119
7	205	106	130	117	101	111	137	115	122	130	118	122
8	131	108	118	119	104	111	139	117	126	125	118	121
9	121	104	113	122	106	113	142	115	126	130	118	122
10	122	104	110	123	106	113	132	113	120	139	121	127
11	136	106	114	120	104	110	122	111	114	132	121	126
12	136	108	117	117	101	106	115	110	112	126	119	123
13	117	104	110	108	101	103	115	111	113	131	121	125
14	109	103	106	108	101	103	116	113	115	130	121	125
15	105	102	104	113	102	105	126	114	118	125	120	122
16	108	102	105	113	104	108	119	113	116	127	121	123
17	110	102	105	117	105	110	121	113	115	156	122	135
18	111	104	107	116	107	110	120	113	116	195	126	146
19	117	106	110	---	---	---	136	113	122	195	130	154
20	131	109	114	119	107	117	178	116	138	203	131	154
21	127	107	113	123	107	115	224	122	157	155	129	142
22	114	102	107	121	107	112	312	127	204	139	124	132
23	111	103	106	117	108	112	185	128	163	132	123	127
24	122	104	111	116	110	112	156	119	136	132	125	128
25	126	108	114	138	112	118	148	120	134	137	126	132
26	116	107	111	137	113	120	144	113	124	134	128	130
27	128	105	113	142	113	123	134	116	124	134	127	129
28	122	108	114	142	114	125	147	120	130	130	127	129
29	114	103	108	143	119	127	126	113	119	130	124	126
30	116	104	109	146	120	129	124	113	117	128	124	126
31	119	105	111	---	---	---	121	115	117	130	125	127
MONTH	205	98	110	185	101	115	312	110	126	203	108	128

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, 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	135	125	129	140	129	134	126	122	124	131	120	125
2	164	128	136	141	127	132	126	122	124	139	123	128
3	185	135	148	134	128	132	126	123	125	153	122	132
4	144	130	139	134	125	131	127	122	125	133	120	126
5	141	128	132	134	125	128	125	121	123	130	119	123
6	134	128	130	129	125	127	124	121	123	129	119	123
7	131	129	130	129	125	127	126	121	123	126	119	122
8	131	128	130	129	123	125	127	122	125	132	119	125
9	133	129	131	128	124	125	151	123	133	145	124	131
10	138	130	134	133	124	127	235	126	166	158	127	135
11	156	128	138	133	126	128	349	141	208	139	123	130
12	140	128	132	129	124	126	202	135	167	135	117	123
13	143	129	132	128	122	124	199	122	145	129	104	123
14	136	130	132	127	122	125	149	123	130	135	121	124
15	256	131	178	127	122	125	154	130	139	137	121	128
16	178	142	161	128	122	125	155	128	140	129	121	125
17	177	131	150	138	123	127	150	128	129	127	122	125
18	143	130	134	173	127	140	146	124	134	135	124	129
19	201	134	144	177	128	150	144	121	131	133	123	127
20	156	137	148	153	128	139	143	122	129	136	123	128
21	143	130	137	164	129	141	146	122	130	134	125	128
22	138	125	131	180	123	138	145	122	131	130	124	127
23	138	125	130	146	122	131	142	122	127	133	121	128
24	135	126	130	135	123	130	146	122	132	135	126	129
25	131	125	128	131	120	125	147	122	130	135	127	129
26	129	125	127	130	121	124	132	122	125	149	127	132
27	131	125	126	135	122	127	137	124	131	145	129	136
28	129	125	127	132	113	126	146	122	133	150	127	132
29	137	127	130	129	124	127	141	120	128	189	128	140
30	---	---	---	136	124	130	141	120	128	257	135	161
31	---	---	---	128	122	125	---	---	---	271	124	182
MONTH	256	125	136	180	113	130	349	120	135	271	104	131

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	177	120	145	199	131	166	206	142	189	214	129	157
2	207	128	153	240	134	186	224	149	178	223	147	177
3	258	147	196	204	133	168	315	146	204	188	139	168
4	386	156	253	192	135	162	264	144	193	190	134	159
5	296	148	201	194	131	167	271	142	186	169	127	150
6	256	141	184	206	131	166	240	131	172	167	129	143
7	191	124	147	173	130	155	197	128	150	181	130	146
8	231	130	165	178	131	154	241	142	168	183	128	152
9	244	144	178	219	134	161	280	148	189	152	120	138
10	310	150	196	209	134	168	276	134	193	136	114	126
11	311	143	219	199	131	161	246	153	184	139	109	122
12	317	135	193	240	139	161	262	158	202	122	99	108
13	232	142	172	259	137	186	251	134	204	111	101	107
14	231	140	177	247	135	183	218	151	172	114	101	106
15	246	139	187	178	116	148	246	145	193	113	105	109
16	282	134	200	128	118	122	229	138	187	111	104	107
17	259	135	186	135	119	126	188	125	155	113	107	111
18	232	134	176	129	119	125	158	122	135	119	109	114
19	222	134	179	129	119	125	150	124	131	123	112	117
20	219	142	168	129	120	125	168	129	142	123	112	117
21	167	131	149	128	122	125	143	133	139	122	112	115
22	159	130	143	133	122	127	---	---	---	117	112	113
23	146	114	130	144	125	133	237	116	149	118	111	113
24	172	115	134	142	127	135	218	153	162	121	111	115
25	303	134	171	226	132	149	185	136	155	122	112	116
26	301	124	202	269	147	175	186	126	152	132	114	120
27	425	146	190	482	142	192	203	125	153	173	119	136
28	425	143	262	492	148	284	343	146	204	157	117	135
29	432	138	242	340	133	215	223	140	172	128	114	119
30	258	125	178	245	141	179	216	128	163	126	112	117
31	---	---	---	277	144	203	219	126	157	---	---	---
MONTH	432	114	183	492	116	162	343	116	171	223	99	128
YEAR	492	98	138									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

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

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

TEMPERATURE (°C) OF WATER, 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	26.5	24.5	25.0	27.5	26.5	27.0	30.5	29.5	30.0	27.5	26.5	27.0
2	26.5	24.5	25.5	28.0	26.5	27.0	30.5	29.5	30.0	26.5	26.0	26.5
3	26.5	25.5	26.0	27.5	26.0	26.5	30.5	30.0	30.0	26.5	26.0	26.5
4	26.0	24.5	25.0	26.0	25.5	25.5	30.0	29.5	30.0	27.0	26.5	26.5
5	25.0	24.0	24.5	26.5	25.0	25.5	30.0	29.0	29.5	26.5	26.0	26.5
6	25.5	24.0	24.5	27.0	25.5	26.0	30.0	29.0	29.5	26.0	25.5	25.5
7	25.5	24.0	25.0	26.5	25.5	26.0	29.5	28.5	29.0	25.5	24.5	25.0
8	26.5	25.0	25.5	27.0	25.5	26.5	29.5	28.5	29.0	25.0	23.5	24.0
9	27.0	25.5	26.0	27.5	26.0	27.0	30.0	29.0	29.5	24.0	23.0	23.5
10	26.0	25.0	25.5	28.0	26.5	27.5	30.0	29.0	29.5	25.0	23.0	24.0
11	25.0	23.5	24.5	28.0	27.0	27.5	30.5	29.0	29.5	26.0	24.0	25.0
12	25.5	23.5	24.5	28.0	27.0	27.5	30.0	29.0	29.5	26.5	25.0	25.5
13	26.0	24.0	25.0	28.5	27.0	27.5	30.0	29.0	29.5	25.5	24.5	25.0
14	26.5	24.5	25.5	29.0	27.5	28.0	30.0	28.5	29.5	26.0	24.5	25.5
15	27.0	25.0	26.0	29.0	28.0	28.5	29.5	29.0	29.0	26.0	25.0	25.5
16	27.0	25.5	26.0	29.0	28.0	28.5	29.5	28.5	29.0	26.5	25.5	26.0
17	27.0	25.5	26.0	30.0	28.5	29.0	30.0	28.5	29.0	26.0	25.5	25.5
18	27.0	26.0	26.5	29.5	28.5	29.0	30.5	29.0	29.5	26.0	25.0	25.5
19	27.5	26.0	26.5	29.5	28.5	29.0	---	---	---	25.5	25.0	25.5
20	27.5	26.5	27.0	29.5	28.5	29.0	---	---	---	26.0	25.0	25.5
21	27.0	26.0	26.5	29.0	28.0	28.5	---	---	---	26.5	25.5	26.0
22	28.0	26.5	27.0	28.0	27.5	28.0	---	---	---	26.5	25.5	26.0
23	28.0	26.5	27.5	28.0	27.5	27.5	---	---	---	26.5	25.5	26.0
24	28.5	27.0	28.0	28.0	26.5	27.5	---	---	---	27.0	26.0	26.5
25	28.5	27.5	28.0	28.5	26.5	27.5	---	---	---	27.0	26.5	26.5
26	29.0	27.5	28.0	29.0	27.5	28.5	30.0	29.5	29.5	26.5	25.5	26.0
27	28.0	27.0	27.5	29.5	28.5	29.0	29.5	29.0	29.5	25.5	24.5	25.0
28	27.5	25.5	27.0	29.0	28.5	29.0	29.0	28.0	28.5	25.0	24.0	25.0
29	28.0	26.0	27.0	30.0	28.5	29.5	28.0	27.5	28.0	25.5	24.5	25.0
30	27.5	27.0	27.0	30.5	29.0	29.5	28.5	27.5	28.0	25.5	24.5	25.0
31	---	---	---	30.5	29.5	30.0	28.5	27.5	28.0	---	---	---
MONTH	29.0	23.5	26.0	30.5	25.0	28.0	30.5	27.5	29.5	27.5	23.0	25.5
YEAR	30.5	4.5	18.5									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.6	6.5	7.4	8.5	5.7	7.5	9.6	6.2	8.7	10.9	8.8	10.2
2	7.3	5.6	6.6	8.7	6.7	7.9	10.1	7.1	9.1	10.5	7.0	9.7
3	8.1	6.2	7.1	8.8	6.8	7.9	10.3	6.7	9.4	10.6	7.7	9.8
4	9.2	6.5	7.9	8.4	6.2	7.6	10.3	7.6	9.6	10.6	8.2	9.9
5	9.1	6.7	8.3	8.2	5.8	7.2	10.7	8.6	9.9	11.0	8.2	10.1
6	8.7	6.4	7.9	9.3	5.1	7.6	10.8	7.1	9.9	11.5	8.5	10.7
7	8.0	5.9	7.0	9.4	6.3	8.0	10.9	6.9	10.2	11.5	8.4	10.9
8	8.1	5.3	7.1	9.5	5.8	8.1	10.9	7.6	10.4	11.5	9.5	10.9
9	8.5	5.7	7.5	9.4	5.8	8.1	10.8	8.4	10.0	11.7	8.5	10.9
10	8.5	5.8	7.5	8.9	6.2	7.9	10.6	8.0	9.8	11.9	8.5	11.2
11	8.1	5.4	7.2	8.3	6.0	7.5	10.3	7.4	9.5	11.9	9.3	11.3
12	7.4	4.9	6.7	9.0	6.4	8.1	10.5	8.4	9.6	12.4	9.7	11.7
13	8.0	5.8	7.1	9.3	7.2	8.6	10.3	7.0	9.6	12.4	9.6	11.8
14	8.7	6.6	7.7	9.4	7.7	8.6	10.4	6.7	9.5	12.6	9.1	11.7
15	8.9	6.7	8.2	9.3	7.1	8.4	10.2	7.2	9.4	12.9	11.0	12.2
16	9.1	6.8	7.9	9.2	6.9	8.5	10.2	6.1	9.2	12.9	11.1	12.3
17	8.8	6.3	7.7	9.2	7.1	8.6	10.5	8.0	9.7	12.9	10.0	12.2
18	8.7	5.8	7.2	9.0	8.2	8.5	10.8	8.1	10.0	12.7	10.4	12.0
19	8.5	6.2	7.5	---	---	---	10.8	7.1	10.0	12.5	9.2	11.8
20	8.4	5.8	7.3	9.6	8.2	8.8	10.9	8.8	10.1	12.1	9.5	11.3
21	8.5	5.2	7.0	10.1	7.0	8.8	10.6	7.6	9.9	11.5	7.6	10.6
22	9.0	5.6	7.8	10.0	7.1	9.2	10.3	7.2	9.6	12.1	9.0	10.7
23	8.8	6.5	7.9	10.2	7.3	9.4	10.1	6.7	9.4	12.3	9.7	11.1
24	8.9	5.8	7.8	10.1	8.1	9.3	10.5	8.1	9.7	12.0	9.0	11.1
25	8.8	5.7	7.5	10.3	6.7	9.4	10.4	6.6	9.5	11.7	7.7	10.7
26	8.3	5.6	7.5	9.8	6.1	8.9	10.0	7.0	9.2	11.9	7.7	10.5
27	8.3	6.1	7.4	9.4	6.1	8.6	9.6	7.0	9.0	12.3	8.3	11.1
28	8.1	5.4	6.7	9.0	6.0	8.4	9.3	6.7	8.7	12.5	8.5	11.3
29	8.5	6.1	7.6	8.8	6.1	8.1	10.4	6.2	9.0	12.8	9.5	11.6
30	8.9	5.9	7.5	9.2	6.9	8.2	11.0	8.9	10.0	12.6	8.4	11.6
31	8.8	5.7	7.4	---	---	---	11.0	7.7	10.1	12.5	9.4	11.6
MONTH	9.2	4.9	7.5	10.3	5.1	8.3	11.0	6.1	9.6	12.9	7.0	11.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.3	9.1	11.5	12.7	10.1	11.7	9.7	7.8	9.0	9.6	5.7	8.3
2	12.4	9.7	11.7	12.7	9.3	11.7	9.6	7.1	8.8	9.4	5.6	8.1
3	11.9	8.9	11.4	12.2	9.5	11.6	9.3	7.4	8.6	8.9	5.3	8.0
4	11.7	9.8	11.0	12.0	8.8	11.2	8.9	6.6	8.3	8.9	6.4	7.9
5	11.7	9.4	10.9	11.9	9.2	11.1	9.2	6.8	8.2	8.5	5.0	7.3
6	11.9	9.3	11.2	12.0	10.4	11.3	9.1	6.4	8.2	8.8	6.1	7.8
7	12.1	8.5	11.5	12.2	10.2	11.4	8.9	7.0	8.3	9.3	6.2	8.3
8	12.4	9.4	11.6	12.4	10.4	11.6	9.6	7.5	8.8	9.3	7.5	8.5
9	12.1	9.6	11.5	12.1	8.5	10.9	9.9	7.9	9.0	9.1	6.2	8.2
10	12.0	8.1	11.4	10.6	7.7	9.8	9.9	7.5	8.9	9.0	6.4	8.1
11	11.9	9.1	11.3	11.2	7.6	10.1	9.6	7.1	8.6	8.9	6.2	7.8
12	11.6	8.0	10.9	11.3	8.1	10.3	9.1	7.3	8.3	8.8	6.2	7.6
13	11.8	8.5	11.0	10.8	7.9	10.0	9.7	6.9	8.5	8.0	5.1	7.1
14	12.2	8.9	11.3	11.0	8.0	10.0	9.8	7.1	8.8	7.7	4.9	6.8
15	11.8	8.1	11.2	11.5	9.4	10.5	9.8	6.7	8.6	7.5	5.6	6.7
16	11.9	8.1	10.9	11.7	7.7	10.7	9.4	7.1	8.4	8.0	5.5	6.9
17	12.2	7.3	11.1	11.6	8.3	10.8	9.7	6.0	8.2	7.9	5.6	7.0
18	12.2	10.2	11.5	11.0	9.0	10.4	9.5	6.7	8.3	7.6	4.6	6.8
19	12.1	9.3	11.5	10.9	8.7	9.9	9.3	7.0	8.2	7.5	5.2	6.7
20	11.8	9.8	10.9	10.7	8.6	9.8	9.7	6.5	8.3	7.6	5.2	6.6
21	11.2	7.4	10.3	10.7	8.3	10.0	9.4	6.7	8.6	7.1	3.9	6.2
22	12.2	9.4	11.0	10.7	7.7	9.5	9.4	6.7	8.5	6.7	3.4	6.0
23	12.1	9.3	11.1	10.7	7.8	9.8	9.0	7.1	8.3	6.8	3.5	5.8
24	11.9	9.8	11.3	10.7	6.9	9.5	8.3	5.1	6.9	6.7	4.0	5.9
25	12.6	9.0	11.4	10.4	6.2	9.4	8.7	4.6	7.1	6.6	3.5	5.8
26	12.8	9.4	11.7	10.1	7.7	9.3	8.2	5.5	7.3	7.7	4.7	6.3
27	12.6	10.5	12.1	10.0	7.9	9.3	8.4	3.8	6.6	7.3	4.3	6.4
28	12.6	10.7	11.9	10.5	7.4	9.4	8.6	3.6	6.3	7.8	4.2	6.5
29	12.6	10.2	11.8	10.4	7.3	9.5	9.2	5.3	7.7	7.9	4.1	6.7
30	---	---	---	10.4	8.6	9.6	9.2	4.6	7.8	7.8	4.7	6.6
31	---	---	---	9.9	8.0	9.2	---	---	---	7.3	4.4	6.3
MONTH	12.8	7.3	11.3	12.7	6.2	10.3	9.9	3.6	8.2	9.6	3.4	7.1

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.0	4.7	6.1	7.0	4.3	6.2	7.1	5.0	6.1	6.6	5.4	6.2
2	7.6	4.8	6.3	7.6	5.2	6.4	6.7	4.0	5.7	7.1	5.7	6.5
3	7.3	5.2	6.6	7.6	4.3	6.1	6.2	4.2	5.4	8.2	5.8	6.8
4	7.7	5.1	6.8	5.8	3.9	5.3	6.1	3.9	5.2	8.3	6.5	7.0
5	8.0	5.6	7.1	6.4	4.4	5.7	6.4	3.4	5.0	8.1	5.6	7.2
6	8.1	6.3	7.3	7.5	4.6	6.4	7.0	4.0	5.2	8.0	5.9	6.9
7	7.5	4.9	6.9	7.3	5.0	6.6	6.2	3.4	5.1	9.3	6.2	7.7
8	7.4	5.3	6.6	7.3	4.9	6.4	6.4	3.4	5.4	8.4	6.3	7.5
9	7.1	4.6	6.2	7.3	4.7	6.5	6.7	4.1	5.5	8.2	6.0	7.1
10	6.5	4.2	5.8	7.0	4.2	6.2	6.4	3.8	5.3	8.4	5.0	6.3
11	7.2	4.0	5.8	7.0	4.3	6.0	6.5	3.7	5.4	8.2	4.2	5.9
12	8.0	4.6	6.4	6.7	3.9	5.8	6.4	4.1	5.4	7.7	4.7	6.6
13	8.3	5.4	6.9	7.1	4.4	5.9	---	---	---	7.5	5.0	6.6
14	8.3	5.2	6.9	7.3	3.9	6.0	---	---	---	8.0	5.1	6.8
15	7.8	5.2	6.9	7.2	4.4	6.2	---	---	---	8.0	5.5	7.3
16	7.3	5.4	6.5	7.0	4.6	6.3	---	---	---	7.6	6.5	7.1
17	7.2	4.7	6.1	6.8	4.5	6.2	---	---	---	7.2	5.5	6.6
18	7.2	4.8	6.2	6.8	4.6	6.1	---	---	---	6.9	5.7	6.5
19	6.8	5.1	6.1	6.8	5.2	6.3	---	---	---	6.6	5.2	6.2
20	6.7	4.1	5.9	6.7	4.0	6.2	---	---	---	7.0	5.1	6.1
21	6.7	4.3	5.8	6.8	4.3	6.1	---	---	---	7.3	5.0	6.2
22	7.0	4.6	5.9	6.2	4.5	5.7	---	---	---	7.5	6.1	6.7
23	6.7	4.5	5.9	6.0	4.3	5.5	---	---	---	8.0	6.5	7.1
24	6.5	5.0	6.0	6.0	3.8	5.3	---	---	---	7.7	6.3	7.0
25	6.8	4.6	6.0	6.7	4.4	5.4	---	---	---	7.1	5.8	6.6
26	6.5	4.3	5.8	6.6	4.2	6.0	7.3	6.4	6.6	6.8	5.6	6.3
27	6.1	3.9	5.4	7.3	4.3	6.0	7.1	5.5	6.3	7.3	5.7	6.6
28	7.4	4.3	5.7	7.6	4.4	6.1	6.9	5.8	6.4	7.6	5.6	6.7
29	7.9	5.1	6.5	6.7	4.0	5.9	6.9	5.1	6.1	7.5	5.5	6.7
30	7.0	4.1	6.3	7.0	4.1	5.8	7.0	4.3	6.2	7.2	5.0	6.6
31	---	---	---	6.9	4.5	5.9	6.7	5.2	6.2	---	---	---
MONTH	8.3	3.9	6.3	7.6	3.8	6.0	7.3	3.4	5.7	9.3	4.2	6.7
YEAR	12.9	3.4	8.3									

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.

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 Programmer 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.
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.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 2180 microsiemens, June 27; minimum, 112 microsiemens, Oct. 1.
pH: Maximum, 8.2 units, March 19, 20, 21, Aug. 14; minimum, 6.0 units, Aug. 31.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 2, 3, 4; minimum, 3.0°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 12.5 mg/L, Feb. 17, 18; minimum, 5.0 mg/L, June 27.

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	156	112	124	272	136	186	258	140	179	238	134	175
2	312	116	186	634	146	334	180	136	155	224	134	172
3	392	118	219	896	166	483	194	136	160	272	130	175
4	234	116	161	788	160	435	190	136	153	222	130	155
5	448	130	236	698	160	378	204	138	158	152	128	140
6	502	128	296	506	150	260	266	140	190	192	130	149
7	336	128	225	250	140	183	340	150	229	236	136	181
8	302	124	205	248	144	186	384	166	268	302	136	193
9	306	122	209	282	146	198	404	150	250	224	138	180
10	228	114	168	316	146	219	294	136	205	250	146	200
11	252	122	183	258	140	189	166	134	144	326	140	236
12	304	122	207	148	134	141	156	134	140	278	140	202
13	302	126	195	148	134	140	152	136	145	272	144	196
14	432	118	241	248	136	171	356	138	210	238	138	183
15	494	116	229	260	140	194	590	138	270	252	134	168
16	250	145	201	666	148	315	302	140	188	278	136	190
17	234	114	171	826	156	458	200	128	160	402	138	238
18	268	116	190	568	160	324	354	128	195	494	146	306
19	406	136	253	582	168	351	368	130	216	660	152	339
20	---	---	---	524	146	257	516	134	273	636	168	354
21	558	118	261	206	140	163	656	146	342	434	156	276
22	384	146	228	180	136	151	1210	170	490	366	146	228
23	226	136	173	234	140	170	924	166	476	226	138	171
24	354	146	208	266	138	188	634	158	373	196	140	169
25	360	148	228	284	140	203	492	140	306	240	144	189
26	---	---	---	278	146	207	260	130	169	210	140	166
27	---	---	---	284	144	203	204	138	168	172	140	156
28	318	152	191	336	146	240	316	138	219	168	138	152
29	270	136	183	354	148	257	238	126	159	160	138	145
30	174	134	152	368	156	250	162	126	141	146	138	141
31	178	136	153	---	---	---	188	128	151	178	136	148
MONTH	558	112	203	896	134	248	1210	126	222	660	128	196

02172050 COOPER RIVER NEAR GOOSE CREEK, 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	284	140	183	578	160	349	188	136	160	292	136	177
2	582	150	256	450	152	279	184	136	159	524	144	258
3	420	152	281	322	148	223	202	138	163	526	148	307
4	402	150	253	262	144	191	206	136	167	472	138	236
5	252	144	179	168	138	153	194	134	154	284	134	175
6	182	140	157	168	138	153	162	134	146	190	130	157
7	172	140	156	174	136	153	152	136	141	178	134	152
8	170	140	157	152	136	142	214	138	163	236	136	172
9	202	146	169	152	136	142	538	152	277	456	152	262
10	328	152	218	158	136	145	1050	210	543	490	156	301
11	384	140	225	172	140	149	1380	200	754	358	152	251
12	216	140	163	196	134	155	1260	206	683	268	152	201
13	156	138	148	170	136	148	580	148	303	206	148	175
14	404	140	213	182	134	154	390	152	260	262	148	185
15	1010	150	480	162	134	145	546	168	315	302	156	217
16	676	166	398	202	134	153	520	152	288	252	150	200
17	668	172	363	332	138	195	412	148	253	244	152	185
18	912	156	278	726	152	305	354	144	226	238	148	188
19	502	162	297	644	158	350	280	134	177	218	148	174
20	502	160	290	450	158	272	184	136	154	190	144	162
21	324	150	220	348	160	247	170	134	148	170	144	157
22	238	144	184	358	158	257	152	134	143	160	140	149
23	196	146	173	340	144	221	162	134	146	152	144	147
24	194	144	162	230	140	186	160	134	142	156	140	149
25	174	138	155	188	134	153	152	134	142	168	144	155
26	150	136	141	150	134	141	590	136	303	500	150	229
27	166	136	143	148	134	142	680	148	346	880	162	453
28	454	134	216	248	136	170	278	136	186	490	158	307
29	624	148	353	246	140	189	214	136	165	594	166	311
30	---	---	---	280	146	202	174	130	153	990	182	454
31	---	---	---	196	138	162	---	---	---	986	200	546
MONTH	1010	134	228	726	134	194	1380	130	245	990	130	232

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1300	184	456	862	222	535	774	204	441	476	192	343
2	764	188	416	934	218	565	616	214	429	536	206	374
3	918	228	567	904	228	531	752	226	465	484	190	337
4	1400	266	798	770	216	475	822	224	513	436	180	305
5	1390	218	699	644	218	451	690	212	442	368	174	254
6	964	182	524	590	222	425	546	178	323	348	174	257
7	494	182	333	554	212	387	392	170	266	702	182	337
8	510	196	338	468	194	320	616	210	374	892	200	524
9	594	202	378	492	196	315	802	240	546	676	170	398
10	800	210	424	542	194	336	826	180	604	378	126	184
11	990	206	555	566	202	358	836	230	517	156	116	134
12	848	196	522	586	202	368	890	278	591	146	116	126
13	738	212	460	582	214	410	832	216	544	128	116	124
14	744	210	439	548	204	382	768	230	509	126	118	123
15	724	214	441	526	156	293	664	218	448	134	124	127
16	796	218	500	300	144	189	558	200	381	174	126	142
17	814	228	494	224	150	180	446	166	286	206	128	155
18	720	214	443	204	148	173	306	140	201	230	134	180
19	590	224	412	200	150	173	202	140	170	280	130	188
20	546	192	384	192	148	169	302	152	206	350	130	214
21	438	184	318	184	140	163	470	160	294	244	134	167
22	388	172	280	184	146	165	1120	168	442	192	130	162
23	322	172	245	262	156	198	1790	212	762	196	134	159
24	384	170	265	410	156	245	1540	196	691	184	144	162
25	1900	218	746	842	170	413	1240	194	599	218	146	172
26	1710	212	802	1060	190	567	814	180	440	356	152	216
27	2180	262	854	1570	206	639	---	---	---	478	160	292
28	1950	226	911	1720	218	760	---	---	---	500	162	310
29	1430	230	828	1010	206	615	770	184	440	400	146	218
30	1200	230	591	926	216	532	578	190	361	236	138	169
31	---	---	---	998	192	545	488	178	338	---	---	---
MONTH	2180	170	514	1720	140	383	1790	140	435	892	116	228
YEAR	2180	112	277									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPRATURE (°C) OF WATER, 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	25.5	24.5	25.5	16.5	16.0	16.5	14.5	12.5	13.5	11.0	10.0	10.5
2	25.0	24.0	24.5	17.0	16.5	16.5	12.5	11.5	12.0	11.0	10.5	10.5
3	24.5	23.0	24.0	17.5	16.5	17.0	13.5	11.0	12.0	10.5	9.0	10.0
4	23.0	22.5	22.5	18.5	17.0	17.5	13.5	12.5	13.0	9.5	8.5	9.0
5	23.0	21.5	22.5	19.0	18.0	18.5	12.5	12.0	12.5	9.0	8.0	8.5
6	22.5	21.5	22.0	19.0	17.5	18.5	12.5	11.5	12.0	8.5	7.5	8.0
7	22.0	21.5	22.0	18.0	16.0	17.0	12.0	11.0	11.5	8.5	6.0	7.5
8	22.0	21.0	21.5	17.5	15.5	16.5	12.5	10.5	11.5	7.0	5.0	6.0
9	21.5	20.0	21.0	18.0	17.0	17.5	12.5	11.5	12.0	6.0	4.5	5.0
10	21.0	20.5	21.0	18.0	16.5	17.5	12.5	12.0	12.0	5.5	4.5	5.0
11	21.0	20.5	21.0	17.0	15.5	16.5	12.5	11.5	12.0	5.5	4.0	5.0
12	21.0	20.0	20.5	15.5	14.5	15.0	12.0	11.5	12.0	5.0	4.0	4.5
13	20.0	18.5	19.5	15.0	14.5	14.5	12.0	11.5	11.5	5.0	4.5	4.5
14	19.0	17.5	18.5	15.0	14.5	14.5	12.0	11.0	11.5	5.0	4.0	4.5
15	18.0	17.5	18.0	15.0	14.5	15.0	12.0	11.0	12.0	4.5	3.5	4.0
16	17.5	17.5	17.5	16.0	15.0	15.5	12.0	10.5	11.5	4.0	3.0	3.5
17	18.0	17.5	17.5	17.0	15.5	16.5	11.0	10.0	10.5	4.0	3.5	3.5
18	18.5	18.0	18.0	17.5	17.0	17.0	11.0	9.5	10.0	4.5	4.0	4.5
19	18.5	18.0	18.0	18.0	17.0	17.5	10.5	9.5	10.0	5.5	4.5	5.0
20	---	---	---	17.0	16.0	16.5	11.5	10.0	10.5	7.0	5.5	6.5
21	18.5	18.0	18.0	16.0	15.0	15.5	11.5	11.0	11.5	7.5	7.0	7.5
22	18.0	16.5	17.0	15.0	14.0	14.5	12.0	11.5	12.0	8.0	6.5	7.0
23	16.5	16.0	16.5	14.5	13.5	14.5	12.5	11.5	12.0	7.5	5.5	6.5
24	17.0	16.0	16.5	15.0	14.0	14.5	12.5	11.0	12.0	7.0	6.0	6.5
25	17.0	17.0	17.0	15.0	14.5	14.5	12.5	11.5	12.0	7.0	6.0	6.5
26	---	---	---	15.0	14.5	15.0	12.5	11.5	12.0	6.5	5.0	6.0
27	---	---	---	15.5	15.0	15.5	13.0	12.5	12.5	6.0	4.5	5.5
28	17.0	16.0	16.5	15.5	15.5	15.5	13.5	12.5	13.0	5.5	4.5	5.0
29	16.5	16.0	16.0	15.5	15.0	15.5	13.5	10.5	12.0	5.0	4.5	4.5
30	16.5	16.0	16.0	15.5	14.0	15.0	11.5	10.0	10.5	5.5	5.0	5.0
31	16.5	16.0	16.0	---	---	---	11.0	9.5	10.0	6.0	5.0	5.5
MONTH	25.5	16.0	19.5	19.0	13.5	16.0	14.5	9.5	11.5	11.0	3.0	6.0

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

TEMPERATURE (°C) OF WATER, 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	26.5	25.0	25.5	28.0	27.0	28.0	30.5	29.5	30.5	27.5	26.5	27.0
2	26.5	25.5	26.0	28.0	27.0	28.0	31.0	30.0	30.5	27.0	25.5	26.5
3	27.0	26.0	26.5	28.0	27.0	27.5	31.0	30.0	30.5	27.0	26.0	26.5
4	26.0	25.5	26.0	27.5	26.0	27.0	31.0	30.0	30.5	27.0	26.0	26.5
5	26.0	25.0	25.5	27.0	26.0	26.5	30.5	29.5	30.0	26.5	26.0	26.0
6	25.5	25.0	25.5	27.0	26.0	26.5	30.5	29.5	30.0	26.0	25.5	26.0
7	26.0	25.0	25.5	27.0	26.0	26.5	30.0	29.0	29.5	26.0	25.0	25.5
8	26.5	26.0	26.0	27.0	26.5	27.0	30.0	29.0	29.5	25.5	24.0	24.5
9	27.0	26.5	26.5	27.5	27.0	27.0	30.0	29.5	30.0	24.0	23.5	24.0
10	27.0	26.0	26.5	28.0	27.5	27.5	30.0	29.5	30.0	24.5	23.5	24.0
11	26.0	25.0	25.5	28.5	28.0	28.0	30.5	29.5	30.0	25.5	24.0	24.5
12	26.0	25.0	25.5	28.5	28.0	28.0	30.5	29.5	30.0	26.0	25.0	25.5
13	26.0	25.0	25.5	28.5	28.0	28.5	30.5	29.5	30.0	26.0	24.5	25.5
14	26.5	25.5	26.0	29.0	28.5	28.5	30.5	29.0	30.0	26.0	24.5	25.5
15	27.0	26.0	26.0	29.5	28.5	29.0	30.0	29.5	30.0	26.5	25.0	26.0
16	27.0	26.0	26.5	30.0	28.5	29.5	30.0	29.0	29.5	26.5	25.5	26.0
17	27.5	26.5	27.0	30.0	29.0	29.5	30.5	29.0	29.5	26.0	25.5	26.0
18	27.5	27.0	27.0	30.5	29.5	30.0	30.5	29.5	30.0	26.0	25.0	25.5
19	28.0	27.0	27.5	30.5	29.5	30.0	30.5	29.5	30.0	26.0	25.0	25.5
20	28.0	27.5	28.0	30.5	29.5	30.0	30.5	30.0	30.0	26.0	25.0	25.5
21	28.5	27.0	28.0	30.0	29.0	29.5	30.5	29.5	30.0	26.0	25.5	26.0
22	28.5	27.5	28.0	29.5	28.5	29.5	30.0	29.0	29.5	26.0	25.5	26.0
23	29.0	28.0	28.5	29.5	28.5	29.0	29.5	28.5	29.0	26.0	25.5	26.0
24	29.0	28.5	28.5	29.5	28.0	29.0	29.5	28.5	29.0	26.5	26.0	26.0
25	29.5	28.5	29.0	29.5	28.5	29.0	29.0	28.5	29.0	26.5	26.5	26.5
26	29.0	29.0	29.0	29.5	29.0	29.0	29.5	29.0	29.0	26.5	25.5	26.0
27	29.0	28.0	28.5	30.0	29.0	29.5	---	---	---	26.0	25.0	25.5
28	28.5	27.0	28.0	29.5	29.0	29.5	---	---	---	25.5	24.5	25.0
29	28.0	26.5	27.5	30.0	29.5	30.0	28.0	27.5	28.0	26.0	24.0	25.0
30	28.0	27.5	27.5	30.5	29.5	30.0	28.5	27.5	28.0	25.5	25.0	25.5
31	---	---	---	30.5	29.5	30.0	28.0	27.5	28.0	---	---	---
MONTH	29.5	25.0	27.0	30.5	26.0	28.5	31.0	27.5	29.5	27.5	23.5	25.5
YEAR	31.0	3.0	19.0									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, 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	6.2	5.5	5.9	8.7	7.4	8.3	9.1	8.9	9.0	10.1	9.5	9.8
2	6.4	5.9	6.1	8.4	7.7	8.0	9.5	8.8	9.2	10.0	9.6	9.8
3	6.8	6.1	6.4	8.2	7.6	8.0	9.5	8.9	9.2	9.9	9.3	9.7
4	7.8	6.8	7.2	8.0	6.9	7.4	9.6	9.1	9.4	10.0	9.3	9.7
5	8.0	7.1	7.4	7.4	6.7	7.1	10.0	9.3	9.6	10.4	9.7	10.0
6	8.2	7.4	7.7	7.7	6.8	7.2	9.9	9.3	9.6	10.6	9.9	10.2
7	8.1	7.5	7.7	7.7	7.1	7.4	10.2	9.4	9.8	10.5	10.0	10.2
8	8.3	7.5	7.8	7.5	7.1	7.3	10.2	9.5	9.9	10.6	10.0	10.4
9	8.5	7.6	8.0	7.3	6.9	7.1	10.4	9.6	10.1	10.8	10.2	10.5
10	8.6	7.9	8.2	7.1	6.7	6.9	10.3	9.7	10.0	10.9	10.2	10.6
11	8.2	7.8	8.0	6.7	6.4	6.6	10.1	9.5	9.8	11.2	10.3	10.7
12	7.9	7.2	7.6	6.9	6.3	6.5	10.0	9.7	9.8	11.3	10.6	10.9
13	8.0	7.0	7.6	6.7	6.5	6.6	10.1	9.6	9.9	11.4	10.7	11.0
14	8.2	7.5	7.8	6.8	6.5	6.6	10.0	9.6	9.8	11.4	10.7	11.1
15	8.3	7.6	8.1	6.7	6.5	6.6	10.0	9.6	9.8	11.6	10.8	11.3
16	9.1	8.6	8.8	6.7	6.6	6.7	9.9	9.5	9.7	12.1	11.2	11.6
17	9.1	8.8	8.9	6.9	6.6	6.7	10.9	9.7	10.3	12.0	11.2	11.6
18	8.9	8.5	8.8	6.8	6.7	6.7	10.2	9.4	9.8	11.8	11.2	11.6
19	8.7	8.2	8.6	7.8	6.7	6.9	10.3	9.5	9.9	11.8	10.8	11.5
20	---	---	---	7.3	6.8	7.0	10.4	9.5	10.0	11.6	10.9	11.2
21	8.5	8.1	8.3	7.4	7.2	7.3	10.2	9.6	9.9	11.1	10.4	10.8
22	8.4	7.4	8.0	7.7	7.4	7.6	9.9	9.4	9.7	11.1	10.1	10.6
23	8.8	8.0	8.3	8.0	7.6	7.9	9.8	9.1	9.5	11.5	10.3	10.9
24	8.7	8.0	8.4	8.4	8.0	8.2	10.0	9.4	9.7	11.2	10.6	11.0
25	8.5	7.9	8.3	8.5	8.2	8.3	9.9	9.4	9.7	11.0	10.3	10.6
26	---	---	---	8.5	8.2	8.3	9.8	9.1	9.4	11.0	10.4	10.6
27	---	---	---	8.6	8.3	8.5	9.5	8.9	9.2	11.0	10.4	10.6
28	8.4	8.1	8.2	8.7	8.4	8.6	9.4	8.5	9.0	11.3	10.4	10.8
29	8.6	7.6	8.2	8.9	8.6	8.7	9.7	8.5	9.0	11.9	10.8	11.3
30	8.9	8.1	8.5	8.9	8.7	8.8	10.0	9.1	9.6	11.9	11.3	11.6
31	8.5	7.9	8.2	---	---	---	10.1	9.5	9.8	11.9	11.2	11.5
MONTH	9.1	5.5	7.9	8.9	6.3	7.5	10.9	8.5	9.7	12.1	9.3	10.8

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, 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	7.5	6.0	6.6	7.3	5.7	6.3	7.4	6.2	6.7	6.5	5.6	6.2
2	7.4	6.1	6.6	7.6	5.8	6.4	7.0	5.9	6.6	6.9	5.8	6.3
3	7.3	5.7	6.3	6.4	5.8	6.2	6.7	5.8	6.4	6.8	6.1	6.5
4	7.6	5.8	6.4	6.3	5.3	5.9	6.5	5.2	5.9	6.9	6.2	6.6
5	7.8	6.0	6.8	6.9	5.6	6.1	6.0	5.2	5.6	6.8	6.2	6.6
6	7.9	6.3	6.9	7.3	6.1	6.5	6.1	5.5	5.8	6.7	6.2	6.5
7	7.7	6.7	7.1	7.4	6.4	6.9	5.9	5.2	5.6	7.3	6.2	6.6
8	7.2	6.5	6.9	7.3	6.5	7.0	5.9	5.1	5.6	7.0	6.3	6.7
9	7.1	6.2	6.7	7.3	6.5	6.9	6.2	5.2	5.7	7.0	6.4	6.7
10	6.6	6.0	6.4	7.2	6.5	6.8	6.9	5.7	6.0	7.1	6.3	6.7
11	6.6	5.7	6.2	6.9	6.1	6.6	7.0	5.3	6.0	7.0	6.2	6.6
12	7.5	5.9	6.4	6.7	5.8	6.4	6.9	5.5	6.1	7.3	6.0	6.4
13	7.8	6.2	6.7	6.8	5.5	6.4	6.9	5.5	6.2	7.2	6.0	6.6
14	7.6	6.2	6.7	6.9	5.8	6.3	7.0	5.5	6.3	7.5	6.0	6.8
15	7.6	6.2	6.7	7.3	5.9	6.5	6.3	5.9	6.2	7.3	6.5	7.0
16	7.4	6.1	6.6	7.2	6.2	6.8	6.6	5.1	6.1	7.1	6.4	6.8
17	7.3	6.1	6.6	7.3	6.1	6.8	6.8	5.5	6.3	7.0	6.4	6.8
18	7.3	6.1	6.6	7.1	6.2	6.8	7.6	5.8	6.8	6.9	6.2	6.7
19	7.1	6.0	6.5	7.1	6.0	6.8	7.7	6.8	7.3	6.7	6.0	6.5
20	6.9	5.9	6.4	7.2	6.1	6.8	7.7	7.0	7.4	6.4	5.6	6.1
21	6.9	5.9	6.4	7.2	6.2	6.7	7.6	6.7	7.2	6.1	5.6	5.9
22	6.8	5.8	6.4	6.7	5.9	6.4	7.0	5.7	6.6	6.8	5.9	6.3
23	6.7	5.9	6.3	6.5	5.6	6.2	6.9	5.9	6.4	7.2	6.0	6.6
24	6.5	5.9	6.2	6.5	5.5	6.1	6.7	5.8	6.3	7.4	6.2	6.7
25	6.3	5.6	6.0	6.6	5.7	6.1	6.8	5.4	6.2	6.9	5.9	6.5
26	6.2	5.4	5.8	6.6	5.5	6.1	7.2	5.7	6.3	6.4	5.9	6.2
27	5.8	5.0	5.5	7.1	5.9	6.3	---	---	---	7.3	5.9	6.4
28	6.5	5.1	5.6	7.4	5.8	6.5	---	---	---	7.7	6.1	6.7
29	7.7	5.3	6.3	7.7	6.3	7.3	7.2	6.3	6.6	7.8	6.4	6.9
30	7.1	5.8	6.4	7.4	6.0	6.6	7.0	6.1	6.5	7.4	6.4	7.1
31	---	---	---	7.8	5.9	6.6	6.6	6.1	6.4	---	---	---
MONTH	7.9	5.0	6.4	7.8	5.3	6.5	7.7	5.1	6.3	7.8	5.6	6.6
YEAR	12.5	5.0	8.2									

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'' , long 79°55'23'' , Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1983 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor since June 1983. 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, 2.5 mg/L, Aug. 10, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 25,400 microsiemens, June 25; minimum, 120 microsiemens, several days Feb., Mar., Apr.
pH: Maximum, 8.3 units, Oct. 8, 9, Jan. 15, 16, Feb. 14, 28, 29; minimum, 6.5 units, Apr. 1, June 26, 27.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 1; minimum, 4.5°C, Jan. 17.
DISSOLVED OXYGEN: Maximum, 12.3 mg/L, Jan. 18, 19; minimum 3.8 mg/L, Aug. 26, 27.

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	13800	500	3900	15500	640	5910	8420	625	2140	12600	500	3950
2	17600	680	6160	17300	1020	8120	6260	580	1700	9640	500	3170
3	12300	885	4410	16400	1560	7980	10700	520	2860	15400	520	4290
4	12400	700	3730	14900	1360	6190	6920	600	1740	10500	500	2310
5	13900	840	5890	14100	1240	5250	9900	520	2900	5940	400	1540
6	11900	1200	5490	11600	940	3140	13100	600	4210	9120	380	2970
7	7540	820	3020	8740	700	2540	14200	720	4760	14400	520	4990
8	8540	780	2840	11000	680	3160	16400	840	5960	11500	520	3690
9	8780	800	2840	13700	700	4390	14200	820	4480	11000	500	3710
10	8800	640	2480	14200	820	5110	14600	720	3830	15900	640	5700
11	12200	720	4040	10900	680	3470	5780	560	1650	14700	600	5210
12	15700	800	5670	8200	580	2140	8300	520	2180	14100	580	4990
13	20300	900	6600	14400	600	5280	15300	680	5350	12800	600	5080
14	22300	1360	8280	15700	740	5140	16600	940	7250	13400	520	4500
15	18400	1380	7390	16800	840	7110	18500	1020	8190	18900	500	5140
16	17500	900	6650	21100	1120	11000	12500	640	3120	16600	600	4590
17	19200	820	6700	22800	1840	10500	11100	620	3680	16300	520	5580
18	18900	800	6940	14500	1240	6350	17500	500	5560	14500	700	5130
19	20600	1500	9870	18500	580	7400	14500	620	4730	13300	800	4850
20	18900	1620	9160	16000	985	4520	15400	620	5580	11400	860	3880
21	16200	1360	6230	8620	620	2160	13900	820	5140	8640	700	2640
22	13600	840	3870	9000	520	2100	15900	960	6540	5700	560	1860
23	8800	620	2510	11100	600	3000	13400	1260	5040	2260	400	1010
24	13300	600	4240	10800	640	3030	11200	1000	3790	3560	420	1330
25	13300	740	4470	10700	680	3210	9840	740	3280	7200	520	2610
26	18400	840	5900	11400	680	3530	3340	500	1070	3320	380	1060
27	14500	960	5500	12100	680	3790	7380	500	2250	5240	360	1670
28	13000	740	3720	14400	860	5630	11800	640	4810	8340	380	2350
29	8360	600	3160	13400	880	5420	7000	420	1490	8460	340	1980
30	9580	560	2830	13600	825	5020	7640	420	2290	5860	380	1300
31	10100	520	3530	---	---	---	11100	420	3500	10100	380	3550
MONTH	22300	500	5100	22800	520	5050	18500	420	3910	18900	340	3440

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, 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	13500	500	5130	17000	820	6690	8560	140	2650	16900	620	5190
2	14900	640	5760	13400	520	4540	8680	120	2240	17000	940	6450
3	13800	740	5390	8960	300	2760	9340	120	2330	14000	1020	5640
4	13000	740	4150	8260	200	1920	7020	160	2150	11000	720	3290
5	8100	480	2000	5820	120	884	5020	120	1160	8900	560	1850
6	6020	360	1500	7220	140	1670	5700	120	1170	6580	560	1750
7	7540	340	2570	7580	120	1700	5320	140	712	7260	520	2360
8	7980	400	3040	2680	160	477	10400	420	4710	12800	720	5210
9	12200	520	5310	4980	120	1630	19500	940	8350	17000	1060	7260
10	16100	960	7180	6660	120	1510	21900	1700	11000	14800	960	6220
11	19400	560	6600	8780	140	3200	23400	1940	11300	10000	260	4060
12	9760	400	2130	12400	140	3490	19200	1680	8880	7540	640	2590
13	7880	340	2550	8480	140	1990	8880	560	3130	7000	580	1910
14	18000	400	6770	10800	140	3320	11500	420	4040	8920	600	2330
15	19900	740	9410	8180	120	1490	12300	580	4600	9540	720	3020
16	12000	1240	5090	7420	140	2140	9960	460	3230	7080	620	2160
17	13100	1020	4580	8300	160	2980	9120	340	2600	8640	580	1870
18	8840	420	2790	10800	460	3940	5120	280	1990	7560	620	2170
19	9540	380	3330	7080	600	3380	4700	140	1010	8220	560	1950
20	7740	380	2450	5480	300	1910	2220	140	841	6100	520	1630
21	4040	200	1280	5480	300	1750	5720	380	1300	6480	500	2020
22	2820	140	867	7080	300	2120	5900	420	1700	4460	480	1180
23	4340	160	1070	10600	200	2180	8860	460	3210	5280	500	2130
24	4820	120	1320	7360	140	2010	9980	400	2240	6220	520	2440
25	5280	120	1380	4840	140	1050	13300	520	5300	9660	500	3410
26	5040	140	1260	4100	120	1350	20200	2000	10200	21800	640	9430
27	10700	200	3260	8140	160	3110	19100	1300	7660	17500	1840	9250
28	18000	140	7980	13400	140	5840	9640	940	4100	15600	940	5150
29	21700	1040	8710	13600	280	5740	11200	620	4110	20900	860	6560
30	---	---	---	16000	360	5210	12200	520	3190	20200	1300	8060
31	---	---	---	7960	120	2420	---	---	---	18600	1500	7430
MONTH	21700	120	3960	17000	120	2720	23400	120	4040	21800	260	4060

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14800	1180	5410	16800	1340	5660	11700	1580	4640	10700	960	3680
2	16600	1240	5370	16000	1380	6000	9620	1260	4330	13100	1080	4540
3	17500	1680	7530	15300	1280	5470	13500	1180	5710	13100	1080	4520
4	19100	2120	8710	13100	1180	5000	13300	1360	5800	11100	1060	4300
5	18200	1600	7060	11900	1140	5160	14800	1120	5370	8400	900	2750
6	14200	1180	5300	11800	1040	4980	10900	960	3540	14300	900	5260
7	8680	900	3460	13200	1000	4870	14600	840	4540	21000	1140	8370
8	13300	960	5230	13100	860	4290	19700	1280	8400	16500	2000	8870
9	14100	1080	5690	14200	860	4750	21000	1800	9450	12900	1360	4980
10	16600	1120	6320	15700	800	5120	15200	1440	5880	3320	780	1450
11	17500	1480	7210	15300	400	5220	18300	1460	7260	3120	600	1050
12	14300	1360	5900	13600	460	4780	17500	1660	7740	2940	600	1100
13	15600	1180	5310	14500	420	5410	15900	1440	6520	1240	480	650
14	15300	1180	5030	13900	1120	5650	13700	1260	6030	2180	380	722
15	16800	1240	5470	8540	900	3490	12200	1180	5380	4440	420	1110
16	17400	1380	6350	5600	680	1770	12000	1120	4840	11200	580	3840
17	15200	1380	6100	5720	620	2410	11200	920	3570	10300	600	3170
18	14600	1180	5120	7580	640	2850	2700	740	1300	13400	700	5080
19	13200	1220	5660	7260	680	2680	10700	680	3350	17200	700	5510
20	14600	1080	6130	7080	620	3170	15600	900	7270	16000	860	5110
21	12800	1020	5950	10400	640	3520	18500	1220	8350	11200	420	3070
22	13900	920	5680	10300	640	4320	22900	1400	10300	13000	620	3720
23	14500	840	5300	15100	820	6300	23400	2820	12500	8080	600	2660
24	18100	800	6670	18000	860	6660	21100	2300	9800	5460	600	1880
25	25400	3100	13600	21800	1360	9420	18000	1840	7980	5120	600	2020
26	21000	2800	11000	20500	1880	9530	15000	1480	6060	6440	720	2720
27	24500	2120	9920	20900	1700	8430	13500	1360	5590	8800	920	3540
28	21500	360	10200	14600	3620	7930	14000	1940	7100	9200	1000	3560
29	18100	1960	7840	15100	2020	5050	8960	1240	4080	7080	1160	2710
30	15100	420	5670	14800	1820	5750	7740	1060	3080	5480	720	1660
31	---	---	---	13200	1780	5960	8220	1000	2970	---	---	---
MONTH	25400	360	6670	21800	400	5210	23400	680	6090	21000	380	3450
YEAR	25400	120	4470									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	26.0	25.5	26.0	17.5	16.5	17.0	15.0	14.0	15.0	12.0	11.5	12.0
2	26.0	25.0	25.5	17.5	16.5	17.0	14.5	13.5	14.0	12.0	11.5	11.5
3	25.5	24.5	25.0	17.5	17.0	17.5	14.0	13.0	13.5	11.5	10.5	11.0
4	24.5	23.0	24.0	17.5	17.0	17.5	13.5	12.5	13.0	11.0	10.0	10.5
5	23.5	23.0	23.5	18.5	17.5	18.0	13.0	12.0	12.5	10.0	9.5	9.5
6	23.5	22.5	23.0	18.0	17.5	18.0	12.5	12.0	12.0	10.0	9.0	9.5
7	23.0	22.5	22.5	17.5	17.0	17.5	12.5	11.5	12.0	9.5	8.5	9.0
8	22.5	22.0	22.0	17.5	17.0	17.0	12.5	11.5	12.0	9.0	7.5	8.0
9	22.0	21.5	21.5	17.5	16.5	17.0	13.0	12.0	12.5	8.5	7.0	7.5
10	22.0	21.0	21.5	18.0	17.0	17.5	13.0	12.5	12.5	8.0	6.5	7.5
11	21.5	21.0	21.0	17.5	16.5	17.0	13.0	12.5	13.0	7.5	6.0	7.0
12	21.5	20.5	21.0	17.0	15.5	16.5	13.0	12.5	12.5	7.0	6.0	6.5
13	21.0	19.5	20.0	16.5	15.0	16.0	13.0	12.5	12.5	7.0	6.0	6.5
14	20.0	19.0	19.5	16.5	14.5	15.5	13.0	12.5	13.0	6.5	5.5	6.0
15	19.5	18.0	19.0	16.0	14.5	15.5	13.5	13.0	13.0	6.5	5.0	5.5
16	19.0	18.0	18.5	16.5	14.5	15.5	13.0	12.5	13.0	6.0	5.0	5.0
17	19.0	17.5	18.0	16.5	15.0	16.0	12.5	12.0	12.0	5.5	4.5	5.0
18	18.5	18.0	18.0	16.5	15.5	16.0	12.0	11.5	12.0	6.0	5.0	5.5
19	18.5	18.0	18.5	16.5	16.0	16.0	11.5	11.0	11.5	6.5	5.5	6.0
20	19.0	18.0	18.5	16.0	15.5	16.0	12.0	10.5	11.5	7.5	6.5	7.0
21	19.0	18.5	19.0	15.5	14.5	15.0	12.0	11.5	12.0	8.0	7.5	7.5
22	19.0	18.5	18.5	15.0	14.0	14.5	12.5	12.0	12.5	8.5	7.5	8.0
23	18.5	18.0	18.0	14.5	13.5	14.0	12.5	12.0	12.5	8.5	8.0	8.5
24	18.5	18.0	18.0	14.5	13.5	14.0	12.5	12.0	12.5	8.5	8.0	8.0
25	18.5	18.0	18.0	15.0	14.0	14.0	13.0	12.5	13.0	8.5	8.0	8.0
26	18.5	18.0	18.0	15.0	14.5	14.5	13.5	12.5	13.0	8.0	7.5	8.0
27	18.0	18.0	18.0	15.5	15.0	15.0	13.5	13.0	13.5	8.0	7.0	7.5
28	18.0	17.5	17.5	15.5	15.0	15.5	14.0	13.5	13.5	7.5	6.5	7.0
29	17.5	17.0	17.5	15.5	15.5	15.5	14.0	12.5	13.5	7.0	6.0	6.5
30	17.5	16.5	17.0	15.5	15.0	15.5	12.5	11.5	12.5	6.5	6.0	6.5
31	17.5	16.5	17.0	---	---	---	12.5	11.5	12.0	7.5	6.5	7.0
MONTH	26.0	16.5	20.0	18.5	13.5	16.0	15.0	10.5	12.5	12.0	4.5	7.5

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	25.5	24.5	25.0	28.5	27.5	28.0	31.0	30.0	30.5	28.0	27.5	27.5
2	26.0	24.5	25.0	28.0	27.5	27.5	31.0	30.0	30.5	27.5	27.5	27.5
3	26.0	25.0	25.5	27.5	27.0	27.5	31.0	30.5	30.5	27.5	27.0	27.5
4	25.5	25.0	25.0	27.0	27.0	27.0	31.0	30.5	30.5	27.5	27.0	27.5
5	26.0	24.5	25.0	27.0	26.5	27.0	30.5	30.5	30.5	27.5	27.0	27.0
6	26.0	24.5	25.0	27.0	26.5	26.5	31.0	30.5	30.5	27.0	26.5	27.0
7	26.0	25.0	25.5	27.0	26.0	26.5	30.5	30.0	30.5	26.5	26.0	26.5
8	26.5	25.5	26.0	27.0	26.5	27.0	30.5	30.0	30.5	26.5	25.5	26.0
9	26.5	26.0	26.5	27.5	27.0	27.0	30.5	30.0	30.5	25.5	25.0	25.5
10	26.5	25.5	26.0	28.0	27.5	27.5	30.5	30.0	30.5	25.5	24.5	25.0
11	26.0	25.0	25.5	28.0	27.5	28.0	30.5	30.0	30.5	25.5	24.5	25.0
12	26.0	25.5	25.5	28.0	27.5	28.0	30.5	30.0	30.5	26.0	25.0	25.5
13	26.0	25.0	25.5	28.5	28.0	28.0	30.5	30.0	30.5	26.5	25.5	26.0
14	26.0	25.5	25.5	29.0	28.0	28.5	30.5	30.0	30.5	27.5	26.0	26.5
15	26.0	25.5	26.0	30.0	28.5	29.0	30.5	30.0	30.0	27.0	26.5	26.5
16	26.5	25.5	26.0	29.5	29.0	29.5	30.5	30.0	30.0	27.0	26.5	26.5
17	27.0	26.0	26.5	30.5	29.0	29.5	31.0	29.5	30.0	26.5	26.5	26.5
18	28.0	26.0	27.0	30.5	29.5	30.0	30.5	30.0	30.5	26.5	26.5	26.5
19	28.0	26.5	27.5	30.5	29.5	30.0	31.0	30.0	30.5	27.0	26.5	26.5
20	28.0	27.0	27.5	30.5	30.0	30.5	30.5	30.0	30.5	27.0	26.5	26.5
21	28.5	27.5	28.0	30.5	30.0	30.0	30.5	30.0	30.5	27.0	26.5	26.5
22	29.0	27.5	28.5	30.0	29.5	30.0	30.5	30.0	30.0	27.0	26.5	26.5
23	29.0	28.0	28.5	29.5	29.0	29.5	30.0	29.5	30.0	27.0	26.5	26.5
24	29.0	28.5	28.5	29.5	29.0	29.5	30.0	29.5	29.5	27.0	26.5	26.5
25	29.5	28.0	28.5	30.0	29.0	29.5	30.0	29.5	29.5	27.0	26.5	27.0
26	29.5	28.5	29.0	30.0	29.5	29.5	29.5	29.5	29.5	27.0	26.0	26.5
27	29.0	28.0	28.5	30.0	29.5	29.5	29.5	29.0	29.5	26.5	26.0	26.0
28	28.5	27.5	28.0	30.0	29.5	30.0	29.5	28.5	29.0	26.0	26.0	26.0
29	28.5	28.0	28.0	30.5	29.5	30.0	28.5	28.5	28.5	26.0	25.5	25.5
30	28.5	27.5	28.0	31.0	29.5	30.0	29.0	28.0	28.5	26.0	25.0	25.5
31	---	---	---	31.0	30.0	30.0	28.5	28.0	28.5	---	---	---
MONTH	29.5	24.5	26.5	31.0	26.0	28.5	31.0	28.0	30.0	28.0	24.5	26.5
YEAR	31.0	4.5	19.5									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, 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	6.4	5.6	6.1	8.1	6.5	7.5	8.6	8.0	8.4	9.8	8.6	9.4
2	6.6	5.5	6.2	8.0	6.5	7.3	8.8	8.2	8.6	10.0	8.3	9.5
3	6.9	5.7	6.4	8.0	6.7	7.3	9.1	7.9	8.7	10.1	9.0	9.7
4	7.2	6.3	6.8	7.8	6.5	7.2	9.4	8.5	9.1	10.2	9.3	9.9
5	7.4	6.3	6.9	7.7	6.4	7.1	9.5	8.6	9.2	10.3	9.6	10.0
6	7.6	6.6	7.1	7.8	6.2	7.3	9.6	8.6	9.3	10.4	9.4	10.1
7	8.3	7.0	7.6	8.1	6.7	7.5	9.8	8.8	9.4	10.5	9.5	10.1
8	8.6	7.3	7.8	8.3	6.8	7.7	9.8	9.0	9.4	10.8	9.6	10.4
9	8.9	7.5	7.9	8.3	6.6	7.5	9.9	9.1	9.6	10.9	10.0	10.5
10	8.5	7.6	8.0	8.2	6.7	7.5	10.0	9.1	9.7	11.1	9.7	10.6
11	8.1	7.2	7.7	7.9	6.6	7.5	10.0	9.6	9.8	11.3	10.0	10.8
12	7.7	6.5	7.3	7.9	7.2	7.6	9.9	9.4	9.7	11.5	10.5	11.0
13	7.6	6.4	7.2	7.8	6.6	7.4	9.7	9.2	9.5	11.6	10.4	11.1
14	7.9	6.5	7.3	7.9	6.6	7.4	9.7	8.9	9.4	11.8	10.5	11.2
15	7.8	6.6	7.4	7.9	6.5	7.3	9.6	8.8	9.3	12.0	10.7	11.5
16	8.0	6.8	7.5	7.8	6.2	7.1	9.6	9.0	9.4	12.2	10.8	11.7
17	8.2	6.8	7.5	8.0	6.1	7.2	9.7	8.7	9.3	12.3	11.1	11.8
18	8.0	6.9	7.5	8.0	6.2	7.2	9.6	8.3	9.2	12.3	10.6	11.7
19	8.1	6.4	7.2	7.6	5.7	6.6	9.8	8.6	9.4	12.2	10.7	11.6
20	7.9	6.3	7.0	6.8	5.7	6.4	9.9	8.8	9.4	12.0	10.6	11.4
21	8.0	6.1	7.2	7.3	6.4	6.9	9.9	8.6	9.5	11.5	9.2	11.1
22	8.0	6.7	7.5	7.8	6.6	7.4	9.8	8.7	9.3	11.3	10.5	11.0
23	8.0	7.2	7.6	8.1	6.7	7.6	9.7	8.5	9.4	11.3	10.3	10.9
24	8.1	7.1	7.7	8.3	7.2	7.9	9.7	8.7	9.3	11.2	10.6	10.9
25	8.2	6.8	7.6	8.5	7.4	8.1	9.6	8.8	9.4	11.1	10.0	10.8
26	7.9	6.7	7.5	8.5	7.6	8.2	9.9	9.0	9.6	11.2	9.9	10.8
27	7.9	6.7	7.4	8.5	7.7	8.2	9.5	8.4	9.3	11.3	10.1	10.8
28	7.7	6.9	7.4	8.4	7.7	8.2	9.4	8.6	9.1	11.4	10.2	10.9
29	7.9	7.2	7.5	8.4	7.8	8.1	9.4	8.7	9.2	11.9	10.5	11.2
30	7.9	7.1	7.6	8.5	7.8	8.2	9.7	8.7	9.3	12.1	10.8	11.6
31	8.0	7.0	7.6	---	---	---	9.7	8.8	9.4	12.1	10.3	11.6
MONTH	8.9	5.5	7.3	8.5	5.7	7.5	10.0	7.9	9.3	12.3	8.3	10.8

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO) IN MILLIGRAMS PER LITER, 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	6.9	5.1	6.3	6.6	4.5	5.8	5.5	4.7	5.1	5.5	3.9	5.0
2	7.3	6.1	6.6	6.7	3.9	5.6	6.1	4.7	5.4	5.5	4.2	5.0
3	8.0	5.7	6.9	7.1	4.8	6.2	5.9	4.9	5.4	5.6	4.2	5.1
4	6.7	5.3	6.5	9.0	5.6	7.4	5.8	4.6	5.3	5.7	4.4	5.2
5	---	---	---	8.6	5.9	7.4	5.8	4.8	5.4	5.9	4.7	5.5
6	---	---	---	9.0	6.3	8.0	6.1	4.8	5.6	5.8	4.2	5.2
7	7.4	6.4	6.9	8.7	7.3	8.1	6.0	4.7	5.5	5.9	4.3	5.1
8	7.9	6.2	7.4	9.9	7.3	8.6	6.0	4.3	5.1	5.8	4.5	5.2
9	8.0	6.2	6.9	9.3	7.2	8.2	5.9	4.1	5.0	6.0	4.7	5.5
10	6.8	5.7	6.4	8.7	7.0	7.9	6.0	4.7	5.4	6.1	5.5	5.9
11	6.6	5.6	6.2	8.6	7.1	7.9	6.1	4.4	5.4	6.1	5.2	5.7
12	6.9	5.8	6.2	8.0	5.6	6.9	6.2	4.7	5.6	5.8	5.3	5.6
13	7.1	5.8	6.5	7.3	5.2	6.2	6.3	5.0	5.8	5.7	5.1	5.4
14	7.4	5.8	6.4	7.4	5.6	6.6	6.5	5.4	5.9	5.4	5.0	5.2
15	6.9	5.7	6.2	---	---	---	6.1	5.0	5.8	5.5	4.6	5.2
16	6.9	5.4	6.1	---	---	---	6.2	4.9	5.7	5.4	4.3	5.0
17	7.4	6.1	6.8	7.9	6.4	7.4	6.6	5.0	5.9	5.4	4.4	5.1
18	7.5	6.1	6.7	7.8	6.1	7.1	6.8	5.6	6.4	5.4	4.5	5.1
19	6.9	5.8	6.4	7.6	5.8	6.7	7.7	6.2	6.6	5.4	4.5	5.0
20	6.9	5.7	6.2	6.9	5.4	6.2	7.9	5.7	6.4	5.3	4.3	4.9
21	6.3	5.5	6.0	6.6	5.5	6.2	6.7	5.6	6.2	8.2	4.3	5.0
22	6.6	5.5	5.9	6.2	5.0	5.8	6.4	4.8	5.7	4.8	4.0	4.6
23	7.7	5.5	6.2	6.0	4.2	5.4	6.0	4.5	5.4	4.9	4.1	4.6
24	7.4	6.0	6.9	6.1	4.8	5.4	5.8	4.3	5.2	5.2	4.1	4.7
25	7.2	5.5	6.5	5.9	4.2	5.2	5.7	4.0	5.0	5.2	4.2	4.8
26	---	---	---	---	---	---	5.6	3.8	5.0	5.1	4.1	4.7
27	---	---	---	---	---	---	5.6	3.8	4.9	5.1	4.2	4.7
28	5.7	4.3	5.0	5.3	4.2	4.9	5.4	4.0	4.7	5.5	4.4	5.0
29	5.2	4.1	4.7	5.3	4.5	4.9	5.6	4.2	5.1	5.9	4.8	5.5
30	6.2	4.3	5.2	5.3	4.5	4.9	5.5	3.9	5.1	6.4	5.2	5.9
31	---	---	---	5.4	4.5	5.0	5.5	3.9	5.1	---	---	---
MONTH	8.0	4.1	6.3	9.9	3.9	6.5	7.9	3.8	5.5	8.2	3.9	5.2
YEAR	12.3	3.8	7.8									

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

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°54'33'', long 79°57'05'', Charleston County, Hydrologic Unit 03050201, on right bank, at the north end of the Army Transportation Corporation Dock, 3.5 mi from North Charleston and at Cooper River mile 10.5.

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 recorded, 41,000 microsiemens, June 25, 1988; minimum recorded, 120 microsiemens, Sept. 6-9, 1987.
SPECIFIC CONDUCTANCE (Bottom): Maximum recorded, 44,000 microsiemens, Nov. 13, 1987; minimum recorded, 180 microsiemens, Sept. 7, 8, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum recorded, 41,000 microsiemens, June 25; minimum recorded, 8300 microsiemens Apr. 21.
SPECIFIC CONDUCTANCE (Bottom): Maximum recorded, 44,000 microsiemens, Nov. 13; minimum recorded, 8860 microsiemens, Sept. 15.

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	35200	12300	17700	26000	18800	22000	31400	14600	22600	33100	16800	23400
2	33600	11500	21600	27400	20500	23700	30200	12600	19900	30900	16500	22800
3	28900	17200	23900	27100	20700	24000	33300	13200	21600	36000	17300	24500
4	30300	16900	23700	33400	20400	25200	29100	13300	19800	34000	16800	22700
5	28000	18500	23800	33800	17800	25100	30900	10400	20400	27700	12600	19300
6	31100	19400	25600	30100	15400	21500	32200	15300	23000	28200	12200	20500
7	28200	17000	21800	29600	11700	19000	32400	17100	24300	31600	17000	22200
8	31700	12000	23000	30400	13600	19600	35800	18600	25300	28300	18100	22600
9	29300	12500	21300	29200	14300	20200	33000	19300	24500	29700	16600	22300
10	---	---	---	31600	17200	21600	32000	17100	22700	33400	20100	24300
11	---	---	---	27600	16500	20400	26500	13300	18600	32300	22200	25500
12	---	---	---	26000	10900	17400	24000	13300	17100	31900	21900	24200
13	30800	22700	26000	27500	16900	20200	29000	17000	20900	32400	19900	24500
14	38600	25000	29500	26800	20400	22100	32400	21500	25200	33300	20200	24900
15	27800	26300	27100	27500	22700	24600	35800	25300	28200	39000	18600	25500
16	33600	24100	26900	35400	25000	28000	31900	17400	25700	37200	18100	26000
17	31900	23200	26800	35700	25900	30600	31900	18000	23800	34400	17800	26100
18	27300	23300	25300	35000	23500	28800	36300	18100	26100	31000	20500	25500
19	29100	25500	26300	33900	22500	29300	34800	18900	25900	33500	17600	24800
20	---	---	---	35000	18500	27300	33900	17000	25700	31800	16700	23100
21	---	---	---	34300	13500	22000	33000	19800	25200	30200	12600	21100
22	29700	18700	23900	33800	11700	20900	35400	17600	26100	28700	11800	19700
23	27400	16300	20900	33900	12400	21700	33300	18200	25200	25600	9440	16700
24	28700	15600	21300	32600	13300	21400	32400	16300	23500	26200	11600	17200
25	27300	16400	21100	31100	13800	21100	32400	15400	22200	28200	14200	19500
26	29800	17600	22700	30900	14600	21100	25800	11500	17000	23700	10100	16500
27	28300	17900	21800	30500	15400	21600	25700	13100	18500	24000	13400	16500
28	26200	16000	19700	35400	18900	24300	32400	18400	23100	29300	15000	19000
29	24800	17100	20100	34000	20500	25700	27900	10600	19700	28500	12200	18800
30	23800	15800	19300	33800	19300	26500	27600	14300	19200	23400	12500	16700
31	25000	17400	20400	---	---	---	32900	15100	21300	27000	11100	19400
MONTH	38600	11500	23100	35700	10900	23200	36300	10400	22700	39000	9440	21800

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

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
		FEBRUARY			MARCH			APRIL			MAY	
1	30900	17100	23800	34300	24200	28900	28800	16300	21800	32500	17700	23600
2	32600	19300	25700	32300	22000	27200	27900	14600	20900	31300	19000	24800
3	31700	20200	26000	30500	18500	24100	28600	14300	20700	30500	18800	24600
4	31600	20600	25300	29400	15400	21200	29000	13800	20700	29100	15900	22700
5	29900	14900	21600	25200	11300	16700	26900	10800	18200	28300	10200	18800
6	26800	12300	18800	28000	14500	19100	22500	11800	17000	26800	11500	17700
7	27400	16600	20900	25000	14400	19500	27800	9580	16200	30200	14100	18900
8	27600	18100	21300	22400	9240	14600	34400	16100	22100	33400	16700	22500
9	32100	19800	23300	23500	12700	16900	34300	21700	25500	34200	19000	24900
10	32700	22000	25400	23500	14000	16800	35900	24300	28700	30700	19000	25100
11	34500	20300	26400	25400	16600	18900	37100	25300	30200	28800	16800	23600
12	31200	10900	20200	30100	16300	21400	34100	24200	29500	27500	14600	21500
13	25300	12600	17900	27700	15400	20300	31600	18200	26100	27400	11500	19300
14	32600	17200	24700	29000	16000	22000	32400	16500	24700	27500	11500	19100
15	34300	21200	28400	30600	15900	22000	32800	16200	24400	30300	12700	19900
16	31100	20400	25600	29400	12500	21300	31500	14000	22300	28500	11700	19200
17	31200	18700	24700	29500	15400	21700	30200	13100	20700	30300	11500	17700
18	30200	14700	21900	31200	14000	22300	28400	12000	19500	30200	12500	18600
19	29900	12400	21100	28200	13000	21500	25200	8700	16400	28400	12200	17800
20	25600	11500	19300	27900	12400	19500	27000	8700	14300	23800	12300	16500
21	24500	9900	16900	28500	13700	19300	19800	8300	13100	25100	13900	17000
22	25100	9080	14800	31400	13600	19300	25600	11300	14300	23600	12600	15400
23	25100	10100	15000	29200	13300	18700	26100	13200	16900	21900	14100	16400
24	21600	10800	14900	25200	15200	17600	28000	11900	17600	24500	14900	18000
25	22400	11800	16200	24700	13100	16900	20800	12700	15700	27300	16600	19800
26	25200	11600	16000	17400	13700	14800	30400	19200	24400	33800	20600	25700
27	29000	13900	17300	26600	14600	18000	33900	23500	26800	33800	24800	28300
28	31700	16800	23300	32000	17700	23500	28200	16300	22600	34500	18900	27000
29	36300	22900	28600	33400	22800	26700	30600	19100	23700	36500	19800	26800
30	---	---	---	34300	21100	26200	30700	15000	22200	34100	21500	27500
31	---	---	---	27800	16800	22700	---	---	---	34400	20900	27900
MONTH	36300	9080	21600	34300	9240	20600	37100	8300	21200	36500	10200	21500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	34400	18700	26600	35200	19600	26300	30200	16000	22900	29500	13600	19800
2	34700	17900	25600	33200	19100	26400	29900	14900	22500	23400	14900	16100
3	35300	21400	27100	31800	18700	25700	32100	16100	23700	---	---	---
4	35700	21700	27800	33200	18200	25100	32500	18500	24200	---	---	---
5	33800	19300	26700	33000	18400	24400	33000	16600	23200	---	---	---
6	33400	18500	24800	31700	17000	23600	30000	15800	21600	---	---	---
7	31400	16900	22900	32700	17800	23700	29900	13900	20600	---	---	---
8	32000	16800	24300	31300	15700	23000	31900	19000	24100	---	---	---
9	32600	18200	25100	32100	16400	22500	35400	21500	26900	---	---	---
10	33000	17500	25100	32200	17100	23400	32900	20200	26000	---	---	---
11	34300	20000	26400	33200	20000	24600	32400	20600	26000	---	---	---
12	32900	19200	25800	31500	18200	24700	31800	21400	26200	18500	10200	14500
13	32500	17000	24300	32100	18600	24400	34400	20900	26500	---	---	---
14	32400	16200	23600	32200	20300	25200	---	---	---	18200	8920	14000
15	33700	17500	23900	29300	17400	23800	---	---	---	19900	9800	12500
16	35600	19900	25300	25700	14000	19400	27000	20000	23100	25400	11900	16600
17	32600	19000	25100	26300	15100	19400	27800	17100	21500	24600	12500	17300
18	30100	19100	23800	26000	16100	19600	25000	14300	19000	25500	15500	18600
19	30700	20800	23700	25200	16400	19800	26700	13800	19400	32700	16300	20300
20	30900	22200	24600	25000	15800	19200	27200	18100	21600	31100	16600	21100
21	31500	21700	24300	25300	16200	19200	31800	21400	24900	29200	13300	20100
22	32400	22000	25600	26000	16700	20300	36600	22000	27800	29700	14400	21700
23	31300	20000	24300	28500	18600	22000	36900	23600	29100	29700	13000	20100
24	34000	20400	25200	32100	18800	24200	34100	24000	29300	24100	10100	17000
25	41000	23900	29600	35300	21600	27400	33500	22200	28100	23700	9100	15900
26	37100	26000	30700	34900	23000	28400	33400	20100	26500	24300	9800	16400
27	37200	23900	30700	33500	21100	27700	33400	19400	25200	24500	12200	17100
28	36300	25500	31000	33300	20600	27100	25600	19900	23100	26400	11300	18600
29	35600	22400	29300	33100	18800	25700	27100	16900	20500	26800	10400	16600
30	35200	18700	27100	32800	18600	24700	22100	17100	19100	25100	9040	14900
31	---	---	---	30700	17400	24600	27000	13400	18100	---	---	---
MONTH	41000	16200	26000	35300	14000	23700	36900	13400	23800	32700	8920	17500
YEAR	41000	8300	22400									

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

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	---	---	---	31400	18600	25700	33700	14100	26800	32200	17600	25400
2	35300	12100	25700	31500	21500	26800	33300	15100	25000	32600	17300	25600
3	30200	12600	24300	31500	20800	26400	34200	14800	25600	36400	17800	28500
4	28300	15800	23400	36400	19900	27200	32800	15300	23400	33500	17100	25200
5	28500	17400	24600	32700	20100	26700	35200	12200	26000	28100	13300	22200
6	28800	17900	24000	31900	17700	25500	35300	17600	27800	31100	13000	23700
7	25400	10000	19500	34700	14300	25200	35800	17900	28900	33800	16700	26500
8	27900	10900	20700	35200	17600	26800	38900	21100	30800	35000	17900	27100
9	26000	12400	19100	35800	18100	28700	38700	21100	30700	33900	19800	27100
10	---	---	---	38000	21200	29500	40300	20100	30100	35400	21400	30300
11	---	---	---	39200	20100	30700	39000	18500	30500	35500	23100	30700
12	29700	21500	23700	43200	17100	34700	41300	18100	34900	36100	23300	32000
13	34400	22500	29400	44000	32100	39700	43500	31800	39900	36400	21300	30600
14	39600	25200	33100	43600	35600	41000	42800	36000	40400	35400	21700	31700
15	42100	26700	33200	43000	32700	39500	43600	26700	35500	36500	20600	29400
16	38500	24400	33300	43400	29100	37600	39600	18500	31200	34700	18200	28200
17	36600	23100	31000	42600	29100	35900	37600	19100	29700	31100	18000	26000
18	36600	24000	31900	38200	26100	33200	35400	22000	28600	29600	19100	24300
19	34800	30700	32800	37800	28100	33600	33200	20100	27200	30700	18000	23400
20	---	---	---	38000	21500	30700	32700	18200	25900	29000	16200	21700
21	29800	23000	24300	35300	14700	25500	32200	19100	25000	27600	12300	20000
22	31600	19600	25600	34700	14000	23900	34100	19500	26100	26000	11900	18700
23	30300	15100	23300	35500	13900	25400	32600	18700	25000	25700	9460	17200
24	32100	14500	23700	34800	14900	25100	29700	16500	24000	25900	11500	19200
25	32200	16900	24900	33800	15200	24200	31300	15200	23300	29100	13800	20900
26	34300	17000	26600	34000	16000	26100	27900	11500	20100	27200	10900	19900
27	34300	19800	26800	35700	17700	27300	30100	14100	22300	32200	14200	25000
28	33000	15100	24600	39700	21200	30700	33500	18400	26000	32500	16300	26000
29	35300	16900	26200	38900	23000	31600	32200	10900	22000	33100	12500	24200
30	33500	15400	25200	36300	21400	30200	32000	15700	25000	31600	15100	23400
31	31800	16000	25100	---	---	---	33800	17100	25700	33100	17300	26700
MONTH	42100	10000	25800	44000	13900	29800	43600	10900	27900	36500	9460	25200

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	32000	17400	26100	32600	24200	29000	30100	17200	24400	34900	19100	26900
2	32000	19200	26300	30600	22100	26800	29400	15000	23300	34700	20200	27200
3	30700	18800	25700	29600	18300	24600	30400	15500	23300	33100	20300	26800
4	31000	19600	25300	29500	16600	23300	29500	14100	22200	31000	16800	24900
5	30800	14000	23900	28800	11900	20700	31000	12200	21700	29900	11700	21700
6	32200	13800	23500	30700	15200	23000	30000	12900	21700	32000	13000	22500
7	32200	16300	23500	29400	14400	22600	34400	12900	22100	35300	15500	24200
8	32400	16900	25400	27700	10200	19300	38100	18700	31100	36000	18100	26400
9	34400	19200	27500	31800	12800	22400	38400	22700	32000	35900	20400	27800
10	34700	21800	30600	31400	13700	22900	37900	25000	31700	32800	20600	27000
11	35200	21300	28700	35300	22800	30500	37000	25400	31300	30600	18300	25400
12	34100	11200	23700	36400	16700	27600	33700	24000	29500	29300	17000	23800
13	31500	17800	26000	33700	15400	24500	32200	18900	26700	29200	14000	21800
14	31700	19400	26200	29900	17000	24600	32000	17600	25600	29800	13800	21300
15	30000	21000	25800	29200	15500	23000	32300	17900	24900	32200	15200	22500
16	26800	19200	22800	27400	13500	21000	31200	15100	22900	30700	14000	21700
17	27300	16800	21700	28200	14100	20800	29700	13000	21500	31800	13200	21000
18	26800	15700	20400	27800	14600	21300	28200	12200	20500	31800	13500	21600
19	29700	14700	21900	26700	15300	20600	26300	11300	18000	31300	13700	21400
20	27100	13300	19800	25300	11300	18900	30000	9560	18900	30800	13100	20500
21	26100	11300	18200	27000	12600	19100	30500	9100	18200	31600	14700	21900
22	26300	10200	18100	30000	12800	21600	32800	12600	21100	29100	14400	20700
23	28600	12200	19400	29300	10200	15900	33600	17200	25500	28700	14800	21500
24	31100	13600	22000	25200	15200	17600	32400	13800	22700	30000	16000	22100
25	35300	15600	28400	24700	13100	16900	38300	19400	29900	33900	17700	24800
26	37500	26300	32600	17400	13700	14800	38500	23500	32600	38400	22800	30200
27	38000	25300	32000	26600	14600	18000	38500	26100	32400	38000	26300	32100
28	36900	23400	32100	32000	17700	23500	35600	21300	28800	36700	21300	30200
29	36900	25100	30800	33400	22800	26700	36600	20500	28500	37300	21500	29600
30	---	---	---	33200	22500	28100	33500	17200	25700	36200	22500	29600
31	---	---	---	31100	18200	26200	---	---	---	36400	23100	29600
MONTH	38000	10200	25100	36400	10200	22400	38500	9100	25300	38400	11700	24800

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	35400	20800	28300	37000	22000	28200	31100	17600	24700	31100	15000	22600
2	36300	19300	27500	36300	20200	28200	31100	17200	24400	30700	17100	18600
3	37200	22700	29100	33400	19800	27500	34100	17400	26300	---	---	---
4	37300	23200	30700	34600	19700	27100	33900	19600	26800	---	---	---
5	37900	21100	29300	35400	19100	26400	34800	17900	26300	---	---	---
6	35500	19900	27400	33300	18000	25900	34600	17900	25400	---	---	---
7	33700	18900	26300	34000	18300	26200	34900	15800	25100	---	---	---
8	34000	20100	27600	32500	18200	25700	37100	20800	28700	---	---	---
9	34300	21800	27800	34400	17800	25700	37100	23400	30200	---	---	---
10	34300	19300	27400	33600	19700	26700	34500	21300	28900	---	---	---
11	36200	21000	29300	33900	21100	27200	34300	21400	28400	---	---	---
12	34500	20400	28100	32400	20500	26600	34200	22600	28700	18500	10200	14500
13	34100	19300	26900	33400	19900	26600	35700	21900	29200	---	---	---
14	34200	17800	26200	33300	21100	27000	---	---	---	24900	9620	12900
15	35400	19000	26900	32100	18600	26100	---	---	---	27000	8860	17200
16	37100	21300	28100	32000	14700	23100	30300	21600	26600	32000	13600	22200
17	35600	21100	28200	32100	15500	22700	32300	19700	26100	32200	15500	22800
18	35500	20400	27700	29100	16900	22900	32400	16700	24700	32600	17000	23300
19	35500	21800	27900	30600	17500	23400	33000	15800	25200	35100	18400	24800
20	35300	23400	29000	28500	17000	22400	36000	20000	28000	32700	19600	24900
21	35500	23200	29500	29400	16900	22700	38100	22900	29900	30600	16100	23500
22	36000	23900	29700	32500	17500	24400	38600	25200	31100	30900	15800	24500
23	37500	21600	29400	35300	20000	26500	38900	26500	32900	30900	14300	21900
24	38800	22600	30100	36300	21400	28500	36300	26400	31900	25600	11300	18700
25	42200	26400	34000	36800	23800	30300	36000	24400	30600	25400	9920	17200
26	39700	27000	34200	36100	24600	30500	35600	23200	28800	25900	12000	18300
27	38600	27300	33200	34900	23300	29400	35400	21200	27300	26200	13300	19500
28	37800	26800	33000	34100	22500	28300	28400	15800	22500	28000	12200	20200
29	36700	23400	31100	34100	21400	27100	29100	18800	24100	28000	11400	19000
30	36600	22200	29200	34000	19800	26100	24000	14000	18700	28400	9920	18600
31	---	---	---	32200	20500	26200	29200	13700	21200	---	---	---
MONTH	42200	17800	29100	37000	14700	26300	38900	13700	27000	35100	8860	20300
YEAR	44000	8860	25900									

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, 53,600 microsiemens, July 29, 1988; minimum, 6520 microsiemens, Sept. 6, 1987.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 55,500 microsiemens, Aug. 22, 1988; minimum, 11,400 microsiemens, Sept. 7, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 53,600 microsiemens, July 29; minimum, 25,200 microsiemens Feb. 26.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 55,500 microsiemens, Aug. 22; minimum, 28,300 microsiemens Aug. 10.

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	44300	29200	34900	46800	34400	40100	48300	35600	41600	45900	33200	37900
2	45300	32100	36900	48300	35700	41900	47700	34700	40100	47000	33400	38200
3	44100	33400	37600	50000	37000	42500	49000	33700	40600	46200	34200	39800
4	46800	32400	39100	50300	37200	43500	48000	34000	39600	45900	34600	39200
5	47800	34600	40000	50100	37000	43100	48900	33400	40200	43700	33300	37600
6	47700	35100	41000	51100	36000	42300	49100	33900	39800	45100	33000	36900
7	46200	33800	39800	49900	34100	40400	47300	34400	40100	43500	32700	37300
8	47600	30500	39800	48200	34700	39400	48500	36500	40400	42100	34400	37700
9	48100	33100	39100	46700	36300	39600	46400	36700	40000	42700	33900	37400
10	46300	33400	38100	47500	36000	40100	46500	36300	40200	43000	34800	38100
11	45800	33300	37700	45700	36300	39600	45400	35800	38900	41800	36000	38300
12	45600	33900	38600	46000	34000	39100	42700	33200	38000	42900	36500	39000
13	45100	35600	38900	47500	34400	40700	45700	32600	38200	42700	35600	38500
14	43800	34600	39100	46700	36300	41000	44000	34700	38800	42600	34400	38400
15	43200	36900	39200	46600	36900	40600	46800	37100	40900	47400	34900	40400
16	43300	37800	39400	48400	38800	42500	45200	37400	40500	46500	36400	40200
17	43300	37400	39800	49500	40200	44300	46700	37100	41100	48600	35000	41000
18	45500	37000	40000	50300	41000	44600	49900	37200	41800	48200	35400	41300
19	47700	37200	41500	51400	41200	45500	49900	36700	42100	49200	35500	42100
20	47600	38700	42500	52000	39300	44800	50100	36600	42700	49100	36000	41900
21	48200	38500	42700	51100	37000	43200	50500	36400	42500	49000	34400	41200
22	49400	36300	41900	51100	35200	42100	51700	36900	44100	48600	33500	40400
23	49200	36000	41400	51100	35000	41200	51100	37600	43600	47300	32000	38800
24	48800	34900	41000	49000	34300	40000	50100	37200	42800	44800	32100	37900
25	49100	35200	40500	48000	34300	39900	49100	35300	41600	45400	33500	37900
26	49400	36000	41200	48100	34800	39800	46100	32900	38700	41700	31200	35500
27	49100	37300	41900	47800	35300	39900	46000	32400	38200	43400	31800	35700
28	48500	35000	39900	48300	37200	41800	47300	35800	39900	42400	31800	35700
29	45600	35000	38600	48600	37200	42600	44000	32600	38200	42700	32600	35800
30	44100	33800	37800	49000	37100	42700	45700	32900	38100	42300	31800	35700
31	45900	33200	38400	---	---	---	45400	32100	37800	44600	31500	36400
MONTH	49400	29200	39600	52000	34000	41600	51700	32100	40400	49200	31200	38500

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, 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
		FEBRUARY			MARCH			APRIL			MAY	
1	44600	33500	38000	43600	35700	39200	44800	29500	37500	48000	34900	40700
2	45800	34600	38900	44600	35800	39500	44400	32600	36900	48400	35200	41000
3	44800	35000	39300	44100	35100	39100	45800	30700	37600	48400	37100	41500
4	45700	36100	39700	43600	33400	38200	45300	31700	37600	48200	35500	41100
5	46000	34300	39000	44000	30100	36600	44700	31200	36900	46900	34100	39800
6	44400	31600	37000	44500	31100	36700	43100	31600	36700	45800	33500	38600
7	42600	30400	35800	42300	32200	36400	44500	31400	35400	45400	34500	37900
8	42600	33600	36600	40100	30200	34400	42500	33400	36900	46100	34000	38800
9	42100	34400	37100	41500	30900	34500	44900	34900	37900	47100	34500	39500
10	42500	32700	37100	40900	30100	35100	44200	36200	39200	46100	36400	40800
11	43500	32200	37600	43100	29200	35700	45900	37500	40800	46500	33400	39800
12	41500	32100	37300	42700	31300	35400	46200	37400	41900	47100	33700	40400
13	40500	30400	35600	41500	31300	35500	47100	36000	41100	47400	32800	39700
14	44100	31600	36900	41700	32500	36600	48600	35600	42000	48500	32500	39800
15	45300	33200	38900	44500	31800	37800	49500	36200	42500	49100	31700	40100
16	44800	29900	38000	46400	31100	38700	49700	34100	41400	48100	32900	40000
17	47400	32400	40000	47300	32200	39400	49100	32900	40400	47200	33100	38900
18	47900	34400	40600	48300	33500	40200	47200	33300	40100	47000	29900	37900
19	47300	34500	40600	48000	33200	40300	45200	30600	37500	45200	29800	37200
20	45900	32400	39100	45700	32100	38600	45200	30000	35800	43800	30900	36200
21	44400	30200	36600	45600	32200	38000	44400	28800	35200	44000	30400	35300
22	43000	29300	35000	45100	32400	36800	41700	29500	35100	43400	30600	35300
23	41600	28000	34000	45000	29000	35600	43600	32000	36300	42700	30200	35800
24	40300	29600	33900	41300	29000	34100	41400	30300	35600	41800	31400	35900
25	38700	31200	34400	39300	26900	33000	43400	29200	36200	42400	33500	37300
26	37800	25200	33600	38800	26700	32400	44300	33800	38000	43700	35100	39200
27	43100	29800	35100	40100	26600	32400	45300	36300	40000	45100	37200	40000
28	42100	27900	36400	41500	29300	34600	42900	36600	39700	46200	37400	40700
29	43300	34700	38000	43200	29300	35500	45200	36600	40700	48100	34400	40700
30	---	---	---	42500	31000	36900	46700	35100	39800	48700	35400	41800
31	---	---	---	43600	27200	37200	---	---	---	49900	38200	42600
MONTH	47900	25200	37200	48300	26600	36600	49700	28800	38400	49900	29800	39200

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	49200	37600	42900	52300	39000	45100	46600	30800	38800	49000	33000	39400
2	49900	36500	42600	52300	38600	45000	52500	37500	44000	45500	32600	38100
3	50200	38300	43500	51800	38700	44600	53000	39100	45400	44600	32200	37000
4	49800	38800	43600	51300	39300	44400	51800	38600	44400	46900	33200	37800
5	49900	37500	42800	51300	39200	44200	50400	38500	43300	49100	31900	36300
6	48400	37600	41900	50400	37900	43800	49000	37900	42300	49000	34700	39500
7	47600	36400	41500	50400	32800	43400	49300	37600	41400	47900	32500	39300
8	47000	36400	41500	50200	37800	43000	50100	38100	42500	47200	36200	40200
9	47000	36500	41500	49000	38100	42600	50100	38100	43300	42600	33500	37800
10	48200	35700	41600	50400	36100	42700	49000	35600	42400	41400	30000	34500
11	48500	36800	41700	50600	36600	42900	50500	32100	42500	39300	26600	32300
12	47700	35000	41200	49600	37700	43000	50400	28000	38600	39800	26500	32200
13	46900	34600	40400	50400	36400	42800	51000	39200	44300	51500	27300	33900
14	47500	34200	39600	50000	38400	43800	49400	38000	42900	49600	27500	33900
15	46400	33400	39400	50000	37600	43600	47700	36500	42400	41200	25300	31700
16	46900	35500	40100	48900	36700	42100	46900	37900	41700	41300	25700	32700
17	45700	36000	39800	48400	35500	41000	46400	38000	41200	43800	27100	32000
18	44800	34300	38900	46800	34600	40000	45700	36900	40400	42500	30000	34400
19	43200	35300	38200	47300	34100	39900	47100	36000	40400	43400	30800	35900
20	44500	35600	38300	47400	34300	39500	48200	36600	41600	43000	32300	36000
21	44200	35400	38800	46500	34400	38900	49700	38000	42100	44800	34000	37700
22	43300	36100	38900	44700	34900	39700	50900	38300	43500	48900	33700	39800
23	46200	35300	39600	44800	34600	39800	50500	38300	44100	45200	29100	37400
24	46100	37600	41200	49200	36600	41000	51800	40300	45000	46600	32000	47700
25	49800	38500	42600	50600	38700	43300	52500	40200	45500	---	---	---
26	49400	39900	43900	51700	34800	44400	53300	39300	45500	47400	32500	39500
27	51600	39700	44600	52800	39700	45500	53200	38800	45100	48800	31900	39600
28	52600	40100	45700	52400	39300	45200	51500	40000	45900	48300	29800	38700
29	52600	40200	45600	53600	39400	45200	51200	37300	43900	45600	31700	36500
30	52000	39500	45200	53300	38700	45300	51700	35300	43000	41200	27100	33300
31	---	---	---	51000	39300	44100	52300	34400	41800	---	---	---
MONTH	52600	33400	41600	53600	32800	42900	53300	28000	42900	51500	25300	36700
YEAR	53600	25200	39700									

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	47400	34700	41000	46700	35900	41500	47600	37600	42900	47800	36600	41400
2	46000	35500	40800	48200	37200	42600	49000	37900	43600	47700	34900	42700
3	44800	34900	39900	49000	37000	43000	50500	37400	43700	49000	38300	43800
4	47000	34900	40400	49200	37000	43600	49000	36000	42600	46800	37000	41800
5	47800	35100	41600	50100	38400	43900	51000	38500	44100	45200	35600	40000
6	48000	35900	41700	50600	36500	43800	51200	39600	44500	41700	32500	37200
7	46500	34300	40500	49400	36800	42700	50500	39600	44800	43800	33600	38400
8	47000	34500	40500	48300	37300	42400	51200	40300	45500	41200	34000	38400
9	47700	34100	40500	47200	38200	42300	49600	41600	45300	40700	34000	37700
10	47400	35200	40700	45800	38800	42100	49900	41600	45600	41200	35000	38300
11	45900	35500	41200	46700	39000	43400	49000	39300	45400	41800	35600	39000
12	45300	37000	41800	46400	39600	43300	48100	43000	46200	41400	35600	38900
13	45800	37500	42600	47200	41800	45000	50500	44200	47800	41400	35400	38700
14	45900	38400	43000	46800	39100	44300	50500	44200	47900	42600	36300	39400
15	44600	38700	42600	46400	39300	43500	50300	42000	47000	44500	34000	39600
16	44900	38100	42100	46700	40400	43300	47800	40400	44400	44400	34600	39000
17	45400	39200	42500	46600	40100	42900	48200	40600	45100	45000	33600	38700
18	46400	38400	42100	46200	38500	42400	52200	39600	42600	44600	32500	38500
19	46700	37800	42100	49200	38000	44000	48900	38200	42900	45200	32700	39000
20	46900	38300	42300	51000	40000	45300	49200	37500	42900	44900	33000	38600
21	47000	37300	42300	50300	37600	43600	49600	36800	43000	44700	31800	37900
22	49300	36600	43400	51300	37200	43600	50500	37700	44300	44300	31200	37700
23	49600	37500	43400	49900	35300	42700	50500	37700	43900	43600	30300	37200
24	51500	37700	44000	50600	36500	42700	50300	38500	43900	42900	30800	37100
25	49600	37800	43400	50100	36300	42700	49200	37200	43000	43600	33800	38000
26	51100	38400	44300	49600	36500	43000	46600	35800	41700	39700	32400	36000
27	50200	38300	44300	49500	36300	43200	46500	36900	42200	41000	32500	37700
28	49200	39400	43500	49900	38100	45400	48300	37700	43000	41800	33100	38200
29	47100	37500	43000	49000	38100	44000	45200	34700	40200	41800	31400	37900
30	45800	38600	41800	48600	37400	43300	47800	37000	42100	41300	31600	37300
31	45900	35600	41500	---	---	---	47700	36900	41900	40900	32100	37100
MONTH	51500	34100	42100	51300	35300	43300	52200	34700	44000	49000	30300	38700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	41100	33200	37100	46400	37400	41800	45600	36100	40600	50400	38500	43900
2	45800	33600	39100	46900	37800	42000	45800	35300	40600	49700	39200	44000
3	48000	37600	43000	45800	36400	41500	47500	35400	40600	49400	38400	43100
4	49000	38300	43300	45900	35800	40400	46500	36100	40700	49000	36800	42300
5	49200	37100	43600	46300	34200	40000	47400	34900	40500	47200	36700	42000
6	47800	38800	43700	45700	35100	41200	47300	34600	40700	47700	36700	42300
7	47400	38800	43400	45200	36200	40400	45100	37100	41600	47100	37900	42700
8	47100	38700	43800	44400	34200	39100	45900	38200	42500	48000	37400	43000
9	47100	39600	44400	45200	36000	40400	46700	39600	43200	47900	37900	42700
10	46800	40700	44300	44200	36300	41000	46500	39300	42600	47000	36800	41800
11	47700	40400	44800	45100	38000	42000	47200	39000	42900	47700	36300	42000
12	46800	38700	43200	45000	35500	40600	47100	38000	43200	49000	36400	42600
13	44300	38600	41600	43900	35200	39100	48000	36700	42400	49700	35400	42600
14	47500	36600	42200	45800	33300	40200	49300	36900	43700	50700	35100	42800
15	48000	37400	42100	45400	33900	39600	50200	37600	44200	50000	36200	43100
16	46800	36000	41200	47500	33400	40500	50400	36900	43500	48100	35200	41600
17	49900	36000	42700	48300	33800	41300	50200	35900	42900	47900	35000	40900
18	50300	36100	43100	49500	34100	41700	48300	35600	42000	48000	35200	40900
19	50100	36200	43300	48800	34400	41600	47400	32100	39900	47200	35300	40700
20	48500	34500	41800	47600	32900	40100	47600	34300	40800	46400	34400	40300
21	47800	33800	40700	47000	33800	40000	46900	35900	41300	45800	37500	41700
22	48000	34300	40400	47700	36400	42000	44900	38000	42200	45300	36400	41900
23	46600	34300	40100	47600	37100	41300	46500	38100	44100	45200	39700	42700
24	44600	34700	40500	45000	38700	41500	46500	39600	43800	45400	38000	42800
25	45900	37500	43200	44300	38000	41500	49000	43100	46400	45600	38100	42000
26	46900	41900	44500	44200	39700	42300	50100	41200	46900	48300	38800	44200
27	46800	40900	44100	45200	38600	42700	49200	41700	45800	47900	39700	44200
28	46800	39200	43700	45900	38300	42700	47900	40600	44500	48400	39700	43600
29	45700	38700	42200	45200	38400	42200	48000	39400	43700	50000	39600	43700
30	---	---	---	44800	37300	41400	48800	38500	43100	50400	39500	44400
31	---	---	---	45100	36700	40800	---	---	---	50400	40000	44400
MONTH	50300	33200	42500	49500	32900	41100	50400	32100	42700	50700	34400	42600

021720710 COOPER RIVER AT CUSTOMS HOUSE (AUX) AT CHARLESTON, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50700	39900	44600	50400	37900	43900	41200	32100	36800	48600	36000	42600
2	51300	39400	44600	49400	39300	43700	49300	33000	40100	46000	36800	41600
3	51400	40600	45300	49900	38100	43000	50000	38300	43500	45200	36400	41400
4	51700	41500	46500	49400	34900	41300	48400	38500	43100	43900	36600	40700
5	51500	40600	45700	48900	33700	42200	47900	35300	43400	43200	36400	39900
6	50200	40200	44700	49300	34400	43000	46500	37500	41800	44000	35700	40800
7	48600	38700	44000	48100	38100	42900	45600	33800	41900	48500	37100	43300
8	48900	39100	43800	47000	37700	42600	49000	39200	43300	47900	38700	43400
9	48300	38900	43400	46300	38300	42500	40100	29800	35100	46900	35900	42200
10	50100	37600	43800	47300	38200	42400	33000	28300	30300	46000	33100	39700
11	49700	39400	44200	47200	37500	42300	36800	29200	31500	46100	34500	40500
12	49800	38000	43400	45500	36400	41600	35700	29900	32400	45500	33100	39700
13	48800	37300	42900	47000	37100	41800	35400	30100	33400	45500	32900	38900
14	49500	38000	43000	46200	37300	42100	51100	34700	43100	46400	31900	39800
15	49900	38600	43500	46000	38100	42000	47400	39400	44100	48400	33900	41300
16	49300	39600	44500	45100	37700	41000	47400	41600	44700	49700	38800	44000
17	48200	39600	43900	44800	35700	41000	53400	43800	46900	49200	39400	44700
18	47700	38200	43300	44800	36600	41200	48400	40900	44200	47100	37600	44200
19	47900	40300	44000	44800	37500	41300	46700	39900	43700	49300	38900	44500
20	47900	41200	44300	44700	34400	41000	47400	42300	45400	48200	38100	43400
21	47100	40700	44500	44400	37500	41200	52600	44800	48500	49300	36100	42100
22	47400	40600	44500	45000	35000	41700	55500	46100	50000	50900	35800	45300
23	47500	41400	44600	45000	34600	41500	53500	46100	50600	50100	34200	42700
24	47800	40600	44600	45600	33400	41800	55100	44700	50300	46600	32000	47700
25	49700	41600	45700	47200	37600	42300	50200	43900	47000	---	---	---
26	48400	37600	44100	47100	37200	42500	48700	44500	46600	---	---	---
27	50100	37500	44200	48100	35300	42200	49400	45000	46900	46500	31500	39500
28	50900	41000	45500	47900	35800	41900	50000	46000	48100	47000	32800	39800
29	50400	40300	45000	48500	36900	41900	50400	43400	46600	46100	33100	39100
30	50100	39700	44500	46400	35300	41300	47400	43600	45600	44000	32000	38000
31	---	---	---	41900	30400	36800	48000	31000	43700	---	---	---
MONTH	51700	37300	44400	50400	30400	41900	55500	28300	43000	50900	31500	41800
YEAR	55500	28300	42300									

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.

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, 22.05 ft, Sept. 27; minimum gage height, 13.15 ft, Mar. 20.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	20.49	15.13	20.19	14.54	20.57	14.13	20.43	14.33	19.91	14.41	20.13	15.48
2	20.59	15.09	20.71	14.85	20.29	14.32	20.34	14.34	19.92	14.37	20.19	15.12
3	20.56	14.41	21.19	14.95	20.70	14.26	20.97	15.54	19.83	14.23	19.87	14.52
4	20.14	14.38	21.31	14.58	20.01	13.87	20.77	15.01	20.30	14.57	19.84	14.29
5	20.73	14.32	21.50	14.97	20.46	14.17	20.08	14.23	20.26	14.23	19.98	14.07
6	21.16	14.49	21.19	14.53	20.59	14.47	20.30	14.87	19.93	14.92	20.22	14.98
7	20.87	13.91	21.01	14.94	20.36	14.70	20.50	15.45	19.96	15.12	20.13	14.86
8	20.71	13.62	20.75	15.10	20.61	15.49	19.90	14.88	19.71	14.96	20.15	14.85
9	20.62	14.12	20.43	15.16	20.33	15.27	19.76	15.14	19.72	15.53	20.02	15.28
10	20.45	14.61	20.36	15.63	20.02	15.42	19.99	15.69	19.86	15.72	19.97	14.14
11	20.60	14.97	19.75	15.68	19.72	14.75	19.77	15.81	20.25	15.83	20.02	16.03
12	20.64	15.61	20.08	15.78	19.14	15.14	19.92	15.57	20.19	13.95	20.27	15.27
13	20.70	16.47	20.22	16.22	19.32	15.31	19.72	14.72	18.75	14.45	20.02	14.15
14	20.83	16.79	19.98	16.16	19.40	15.64	19.52	15.57	20.20	14.47	19.93	13.60
15	20.90	17.20	19.79	16.00	19.80	14.30	20.89	15.11	21.05	13.40	20.32	13.62
16	20.76	16.98	20.07	16.03	19.03	13.74	20.98	14.44	19.94	13.41	20.69	13.65
17	20.81	16.50	20.60	15.93	19.29	14.29	21.18	13.76	20.91	13.23	20.82	13.64
18	20.60	16.30	20.41	15.19	20.54	14.35	20.95	13.71	21.05	13.35	21.37	13.66
19	20.72	16.20	20.83	14.86	20.80	14.23	21.49	13.69	21.59	13.96	20.89	13.61
20	20.91	16.06	21.08	15.17	21.04	14.16	21.37	13.36	20.71	13.58	20.25	13.15
21	20.76	15.55	20.97	14.00	20.79	13.51	21.19	13.64	20.39	13.99	20.27	13.44
22	21.16	15.00	21.37	14.33	21.52	13.89	20.67	13.64	19.99	14.19	20.64	14.91
23	21.24	15.09	21.17	14.32	21.28	13.86	20.15	13.93	19.99	14.49	20.49	14.78
24	21.53	15.28	20.99	14.44	21.20	14.40	20.15	14.19	19.63	14.54	19.71	14.72
25	21.10	15.02	20.84	14.66	20.63	14.20	20.27	14.68	19.49	14.99	19.30	15.05
26	21.70	14.98	20.77	14.94	19.82	13.92	19.09	13.83	19.36	15.36	19.41	15.18
27	21.28	16.03	20.81	15.16	19.85	14.61	19.29	14.73	19.66	14.93	18.91	14.88
28	20.76	15.27	21.09	15.56	20.48	15.08	19.70	14.35	19.98	15.67	19.39	15.17
29	20.60	15.45	20.78	15.14	19.78	13.74	19.51	14.37	20.31	15.19	19.60	15.04
30	20.49	15.04	20.75	14.56	20.26	14.88	19.57	14.39	---	---	19.56	14.60
31	20.30	14.72	---	---	20.58	14.60	19.71	14.47	---	---	19.82	14.55
MONTH	21.70	13.62	21.50	14.00	21.52	13.51	21.49	13.36	21.59	13.23	21.37	13.15

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, 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	20.10	14.39	21.08	14.85	21.07	14.55	21.75	14.49	20.89	13.90	21.32	15.43
2	20.10	14.44	21.04	14.98	21.24	14.50	21.54	14.83	20.84	14.09	20.95	15.40
3	20.48	14.43	20.88	14.66	21.52	15.13	21.22	14.83	21.27	14.88	20.59	15.31
4	20.42	14.54	20.68	14.43	21.30	15.62	21.14	14.86	21.05	15.12	20.26	15.41
5	20.59	14.66	20.28	14.29	21.18	15.16	21.12	14.91	20.79	15.00	19.77	14.87
6	19.81	14.99	20.22	14.57	20.70	14.74	20.87	14.94	20.46	14.85	20.20	15.48
7	19.91	14.40	20.59	15.07	20.21	14.54	20.69	15.02	20.32	15.10	21.24	16.17
8	20.54	15.54	20.71	15.39	20.42	14.45	20.39	14.65	20.51	15.20	20.88	15.84
9	20.60	16.05	20.81	15.27	20.39	14.38	20.33	14.61	20.65	15.33	20.60	15.50
10	20.68	15.86	20.52	14.74	20.89	14.23	20.34	14.50	20.33	14.60	20.53	15.24
11	20.84	15.74	20.36	14.13	21.33	14.90	20.26	14.21	20.54	14.73	20.74	15.46
12	20.96	15.00	20.62	14.19	21.07	14.50	20.02	14.01	20.51	15.03	20.60	15.63
13	20.93	14.52	20.68	13.85	20.80	14.43	20.21	14.19	20.97	15.21	20.44	15.32
14	21.65	15.08	20.94	13.77	20.65	14.33	20.21	14.39	20.13	15.07	20.40	15.41
15	21.82	14.62	21.21	14.12	20.74	14.68	20.16	14.53	19.74	14.96	20.61	15.51
16	21.68	14.43	21.04	14.28	20.77	15.20	20.04	14.85	19.65	14.90	21.00	16.46
17	21.52	14.23	20.98	14.66	20.28	15.21	19.85	14.90	19.65	14.85	20.60	16.22
18	20.82	14.12	20.63	14.79	20.08	15.21	19.70	14.76	19.56	14.99	20.54	15.85
19	20.44	13.83	20.41	15.01	20.02	15.28	19.41	14.96	19.65	15.03	20.91	16.11
20	20.62	15.06	20.09	15.17	19.95	15.58	19.28	15.13	19.82	15.42	20.91	15.87
21	20.18	15.05	19.89	15.39	19.91	15.66	19.34	15.09	20.20	15.29	20.91	15.52
22	19.84	15.42	19.85	15.27	19.83	15.69	19.43	14.96	21.05	15.67	21.66	15.63
23	19.91	15.19	19.59	15.39	19.92	15.67	19.80	15.06	21.18	15.95	21.76	14.92
24	19.68	15.24	19.34	14.95	20.23	15.60	20.00	14.72	21.35	15.05	21.44	14.50
25	19.62	15.84	19.50	15.11	21.04	16.22	20.80	15.21	21.40	14.65	21.36	14.05
26	20.28	16.16	20.55	16.05	20.91	15.58	21.13	15.01	21.52	13.96	21.76	14.18
27	19.97	15.45	20.34	15.76	21.42	14.88	21.40	14.37	21.51	13.60	22.05	14.74
28	19.48	14.60	20.32	14.84	21.69	15.29	21.42	14.03	21.66	14.37	21.90	14.87
29	19.97	14.70	20.90	14.85	21.41	14.65	21.50	14.00	21.05	13.77	21.58	15.33
30	20.56	14.62	20.98	14.65	21.22	14.27	21.48	13.95	21.02	13.78	20.93	15.19
31	---	---	21.14	14.62	---	---	21.25	14.12	21.25	14.29	---	---
MONTH	21.82	13.83	21.21	13.77	21.69	14.23	21.75	13.95	21.66	13.60	22.05	14.05

YEAR MAXIMUM 22.05 MINIMUM 13.15

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLESTON, SC

LOCATION.--Lat 32°56'13'', long 80°09'25'', Dorchester County, Hydrologic Unit 03050202, on left bank, at Eagle's Nest Golf Course at Kings Grant Subdivision, 3.8 mi downstream from Summerville Water Plant and at mile 18.0.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1987 to current year.
pH: March 1987 to current year.
WATER TEMPERATURE: March 1987 to current year.
DISSOLVED OXYGEN: March 1987 to current year.

INSTRUMENTATION.--USGS water-quality monitor and data collection platform since March 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 8350 microsiemens, Aug. 3, 1988; minimum, 60 microsiemens, Sept. 10, 11, 1987.
pH: Maximum, 8.5 units, Dec. 18, 19, 20, 1988; minimum, 5.9 units, Mar. 30, 1987, Sept. 5, 1988.
WATER TEMPERATURE: Maximum, 33.0°C, July 17, 18, 19, 1988; minimum, 3.0°C, Jan. 9, 10, 12, 1988.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 10, 11, 1988; minimum, 2.1 mg/L, June 26, 27, 1988.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 8350 microsiemens, Aug. 3; minimum, 80 microsiemens, Sept. 14, 15, 16.
pH: Maximum, 8.5 units, Dec. 18, 19, 20; minimum, 5.9 units, Sept. 5.
WATER TEMPERATURE: Maximum, 33.0°C, July 17, 18, 19; minimum, 3.0°C, Jan. 9, 10, 12.
DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 10, 11; minimum, 2.1 mg/L, June 26, 27.

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	904	830	852	3710	1920	2890	5120	1320	3140	4060	676	2310
2	924	834	880	4010	2070	3160	4970	1220	3110	3910	694	2330
3	930	838	887	4250	2290	3350	5210	1300	3280	4160	804	2300
4	966	838	906	4600	2280	3520	4810	1260	2820	3080	368	1420
5	1030	856	940	4670	2290	3470	5050	1360	3210	2260	282	1020
6	1070	906	979	4650	2160	3430	5160	1390	3310	2230	274	1010
7	1090	904	990	4710	2240	3490	4980	1450	3270	2200	306	1050
8	1140	958	1030	4620	2350	3470	5130	1620	3390	986	182	449
9	1180	936	1060	4460	2510	3500	4850	1390	3060	676	170	319
10	1230	966	1100	4540	2550	3480	4580	1210	2730	542	162	288
11	1270	1010	1130	4200	2330	3110	4030	671	2090	424	150	254
12	1310	1040	1180	4330	2410	3290	3360	457	1670	366	150	239
13	1360	1100	1220	4350	2510	3450	3090	381	1490	344	150	214
14	1420	1130	1270	4280	2580	3470	3030	407	1520	316	152	214
15	1450	1190	1320	4230	2620	3450	3080	246	1400	372	158	238
16	1510	1210	1360	4340	2740	3600	2040	248	777	438	152	262
17	1560	1230	1400	4520	2310	3590	2150	243	944	484	150	276
18	1650	1250	1440	4280	2170	3200	2910	269	1480	450	162	260
19	1870	1270	1550	4590	2140	3000	3550	356	1780	470	162	271
20	2030	1310	1660	---	---	---	3850	412	1910	450	162	256
21	2080	1290	1720	---	---	---	3750	238	1860	366	152	229
22	2460	1300	1900	---	---	---	4220	528	2240	288	144	204
23	2730	1460	2100	5880	2640	4950	4420	588	2350	272	140	185
24	3060	1550	2270	6120	2380	4200	4460	730	2480	244	140	179
25	3030	1600	2310	6180	2440	4270	4100	710	2330	228	148	182
26	3630	1730	2590	5960	2130	4050	3700	666	2040	194	144	161
27	3440	1790	2630	5720	1890	3770	3640	748	2150	188	138	155
28	3370	1750	2430	5620	1690	3930	3950	836	2530	180	136	153
29	3450	1740	2530	5360	1470	3580	3330	476	1710	180	144	156
30	3470	1760	2580	5280	1560	3430	3970	710	2340	184	144	159
31	3560	1860	2700	---	---	---	4130	636	2410	194	146	167
MONTH	3630	830	1580	6180	1470	3560	5210	238	2280	4160	136	545

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, 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	206	148	175	284	182	199	272	174	226	210	170	187
2	222	152	185	206	184	198	284	190	241	204	172	188
3	240	162	192	350	192	239	316	196	256	262	170	203
4	258	168	205	338	202	242	366	218	284	272	174	207
5	268	170	215	346	212	245	404	218	302	280	122	228
6	270	166	215	252	214	227	392	238	319	268	194	230
7	272	166	212	244	212	225	392	228	291	266	218	243
8	266	166	213	234	210	220	410	244	333	292	244	271
9	268	172	217	236	214	226	450	262	365	322	272	298
10	270	180	224	238	210	224	516	272	398	354	292	323
11	274	178	226	246	228	237	626	312	470	390	310	349
12	282	178	219	344	214	229	724	288	518	416	336	375
13	258	172	221	224	204	215	642	228	428	460	338	392
14	326	202	255	222	204	213	868	268	506	512	370	422
15	346	202	277	348	118	192	948	372	599	588	402	469
16	576	182	287	180	116	168	984	400	629	652	454	527
17	394	212	303	178	158	167	1170	454	698	646	502	570
18	458	222	328	180	160	171	1000	448	684	846	332	551
19	442	248	327	184	168	175	946	326	528	904	326	579
20	366	226	268	182	158	171	572	288	379	974	334	608
21	262	218	233	324	136	169	470	138	266	932	390	641
22	270	210	226	316	158	191	266	148	178	976	426	675
23	244	196	212	318	130	196	210	150	178	976	488	718
24	212	194	201	172	134	156	218	184	200	1030	450	734
25	246	192	202	184	150	168	222	192	209	1000	398	667
26	200	184	192	192	152	174	224	202	213	1130	448	780
27	318	182	212	194	150	175	222	194	207	1310	426	839
28	224	182	191	206	168	187	212	194	204	1340	370	829
29	194	182	189	262	166	203	214	194	203	1600	426	921
30	---	---	---	268	180	221	206	180	192	1850	472	1070
31	---	---	---	252	170	216	---	---	---	2200	532	1190
MONTH	576	148	228	350	116	201	1170	138	350	2200	122	525

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2480	598	1350	6090	2380	3770	8000	4680	6420	388	356	358
2	2690	672	1480	6340	2650	4370	7760	4750	6470	476	294	381
3	2920	864	1860	6550	2950	4740	8350	4590	6740	490	284	378
4	3480	1030	2200	6670	3190	5070	8180	4000	6230	456	192	347
5	3530	1040	2240	6930	3250	5340	7910	3820	5980	184	150	168
6	3570	1100	2250	7000	3330	5440	7560	3690	5640	190	126	144
7	3640	1120	2610	7250	3750	5550	6610	2230	4510	158	126	140
8	3900	2080	2910	7330	3530	5520	---	---	---	148	122	134
9	4090	1690	2910	7540	3670	5710	---	---	---	134	102	122
10	4010	1070	2570	7670	3690	5740	3880	1640	2380	128	100	112
11	4450	1230	2750	7810	3590	5780	3880	964	2150	116	100	105
12	4510	1390	2900	7600	3610	5790	3370	458	1970	112	94	103
13	4600	1440	2990	7150	3560	5540	3440	378	1470	102	92	93
14	4750	1620	3070	6510	3070	5000	2880	524	1490	106	80	87
15	4940	1910	3270	6600	3110	4840	2460	578	1310	100	80	89
16	5160	2200	3560	6750	3470	5060	2440	660	1400	180	80	101
17	5060	2300	3730	6780	3500	5120	2490	720	1470	112	84	95
18	5060	2400	3640	6820	3610	5240	2490	808	1580	122	94	105
19	5020	2600	3760	6760	3640	5320	2650	920	1730	194	100	116
20	4980	2710	3870	6720	3900	5360	2750	1090	1890	192	94	121
21	5050	2850	4050	7470	3990	5760	2970	840	1900	194	100	124
22	5270	2870	4200	7220	3500	5520	2730	670	1500	190	102	121
23	5460	2930	4280	6800	3150	4860	2860	754	1750	234	102	139
24	5350	2230	3960	6660	2840	4720	2980	814	1810	162	100	128
25	5020	2260	3320	7000	3230	5210	2810	720	1580	162	104	134
26	4700	1990	3270	7320	3390	5510	3120	790	1730	182	114	149
27	4320	1600	2470	7670	3610	5690	2800	544	1720	336	116	178
28	4690	1810	2910	7530	3760	5730	2690	344	1080	244	124	177
29	4950	1890	3160	7580	4130	5770	542	230	379	234	136	188
30	4780	2060	3260	7830	4220	5990	---	---	---	234	124	178
31	---	---	---	7840	4410	6170	392	206	295	---	---	---
MONTH	5460	598	3030	7840	2380	5330	8350	206	2660	490	80	161
YEAR	8350	80	1690									

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.6	7.0	7.6	6.9	8.2	7.6	8.0	7.6	7.7	7.5	6.2	6.0
2	7.5	6.9	7.6	6.8	8.3	8.1	8.0	7.5	7.6	7.3	6.2	6.0
3	7.5	6.9	8.0	7.0	8.3	8.1	8.1	7.4	7.4	7.1	6.7	6.1
4	7.6	7.3	8.2	7.5	8.3	8.1	7.8	7.4	7.3	7.0	7.0	6.7
5	7.6	7.3	8.2	7.8	8.3	8.2	8.1	7.3	7.2	6.9	7.2	6.4
6	7.6	7.4	8.1	7.9	8.4	8.2	8.0	7.4	7.1	6.8	7.3	7.0
7	7.6	7.4	8.1	7.7	8.4	8.2	8.1	7.5	7.0	6.8	7.7	7.2
8	7.7	7.3	8.1	7.5	8.4	8.2	7.9	7.3	7.0	6.8	7.7	7.4
9	7.8	7.3	8.1	7.3	8.4	8.1	7.6	7.1	7.0	6.7	7.9	7.5
10	8.0	7.5	8.1	7.2	8.2	7.8	7.6	7.0	6.9	6.7	7.9	7.5
11	7.8	7.4	8.0	7.2	8.0	7.6	7.7	7.2	6.8	6.6	7.7	7.4
12	7.8	7.5	8.0	7.0	7.8	7.3	7.6	7.2	6.9	6.6	7.6	7.3
13	7.9	7.4	8.1	6.9	7.6	7.1	7.5	7.2	7.0	6.7	7.5	7.3
14	7.8	7.4	8.0	7.1	7.4	7.1	7.5	7.2	6.9	6.7	7.5	7.2
15	7.6	6.8	8.0	7.1	7.6	6.8	7.6	7.3	6.9	6.6	7.6	7.3
16	7.4	6.7	7.9	7.1	7.6	6.8	7.7	7.3	7.1	6.7	7.5	7.2
17	7.6	7.0	8.0	7.1	7.9	7.2	7.7	7.3	7.0	6.7	7.4	7.3
18	7.6	6.6	7.8	6.8	8.5	7.4	7.6	7.3	7.2	6.6	7.4	7.2
19	7.5	6.4	7.7	7.1	8.5	8.2	7.6	7.2	6.9	6.6	7.4	7.2
20	7.5	6.8	---	---	8.5	8.2	7.5	7.1	6.7	6.4	7.4	7.1
21	7.5	7.0	---	---	8.4	8.1	8.0	7.1	6.6	6.2	7.3	7.1
22	7.4	7.1	---	---	8.4	8.1	8.0	7.5	6.3	6.2	7.3	7.1
23	7.5	7.0	8.1	7.9	8.4	8.1	7.9	7.5	6.2	6.1	7.5	7.1
24	7.5	7.0	8.1	7.8	8.4	8.1	7.9	7.5	6.2	6.1	7.5	7.4
25	7.6	6.9	8.1	7.8	8.3	8.0	7.8	7.6	6.1	6.1	7.5	7.3
26	7.5	6.8	8.1	7.7	8.2	7.6	8.0	7.6	6.1	6.0	7.5	7.3
27	7.6	6.8	8.1	7.7	8.0	7.7	7.8	7.5	6.1	6.0	7.5	7.2
28	7.6	6.8	8.1	7.8	7.9	7.5	7.8	7.5	6.1	6.0	7.5	7.2
29	7.6	6.8	8.1	7.7	7.9	7.6	7.8	7.6	6.1	6.0	7.4	7.1
30	7.6	6.9	8.0	7.6	7.9	7.7	7.8	7.5	---	---	7.4	7.0
31	7.5	6.9	---	---	8.0	7.7	7.8	7.5	---	---	7.5	7.0
MONTH	8.0	6.4	---	---	8.5	6.8	8.1	7.0	7.7	6.0	7.9	6.0

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.5	7.1	6.9	6.6	7.7	7.0	7.3	6.9	---	---	7.3	6.8
2	7.7	7.3	7.0	6.8	7.2	6.9	7.6	7.0	7.7	7.4	---	---
3	7.6	7.3	7.1	6.9	7.4	7.1	7.4	6.7	7.6	7.4	7.3	6.5
4	7.8	7.5	7.1	6.9	---	---	7.1	6.5	7.6	7.4	7.3	6.1
5	7.9	7.4	7.2	6.9	---	---	7.6	6.5	7.6	7.4	6.6	5.9
6	7.8	7.5	7.2	6.9	---	---	7.6	7.0	7.6	7.4	7.2	6.3
7	7.8	7.5	7.2	7.0	7.9	7.1	7.5	7.0	7.6	7.4	6.9	6.1
8	8.0	7.6	7.2	7.1	8.2	7.1	7.5	7.1	---	---	6.8	6.1
9	8.0	7.6	7.2	7.1	8.1	7.2	7.9	7.2	---	---	6.8	6.5
10	7.9	7.6	7.3	7.2	7.8	7.1	7.8	7.4	7.6	6.9	6.8	6.3
11	7.9	7.6	7.4	7.1	7.5	6.8	7.8	7.4	7.6	7.1	6.4	6.0
12	7.8	7.5	7.4	7.2	7.1	6.4	8.0	7.5	7.6	7.1	6.4	6.0
13	7.8	7.5	7.4	7.2	7.4	6.4	7.8	7.4	7.6	7.2	6.3	6.2
14	7.8	7.5	7.5	7.2	7.2	6.8	7.7	7.0	7.6	6.9	6.4	6.2
15	7.7	7.4	7.4	7.3	---	---	7.4	6.3	7.5	6.9	6.4	6.2
16	7.7	7.4	7.5	7.3	---	---	7.3	6.3	7.5	6.8	6.5	6.2
17	7.6	7.4	7.6	7.3	8.1	7.5	7.3	6.5	7.5	7.1	6.6	6.4
18	7.6	7.3	7.5	7.0	8.0	7.2	7.5	6.7	7.5	7.1	6.8	6.4
19	7.6	7.4	7.3	7.0	7.6	7.1	7.6	6.4	7.6	6.9	6.7	6.4
20	7.6	7.1	7.4	7.1	7.7	7.0	7.7	6.9	7.6	7.2	6.8	6.3
21	7.6	7.1	7.3	6.7	7.6	7.0	8.0	7.2	7.8	7.3	6.7	6.2
22	7.4	7.1	7.1	6.8	7.6	6.9	7.9	7.5	7.6	7.4	6.5	6.1
23	7.6	7.1	7.3	6.8	7.6	7.0	7.8	7.2	7.6	7.1	6.8	6.4
24	7.4	7.1	7.3	7.0	7.7	7.1	7.7	7.2	7.6	7.2	6.9	6.7
25	7.3	7.1	7.3	7.0	7.5	7.0	7.6	6.8	7.6	7.1	6.9	6.7
26	7.4	6.9	7.4	6.8	7.5	7.1	7.3	6.4	7.6	7.2	7.3	6.7
27	7.0	6.8	7.0	6.7	7.4	7.0	7.2	6.4	7.7	7.2	7.2	6.7
28	6.9	6.7	7.3	6.7	7.5	7.1	---	---	7.6	6.8	7.3	6.6
29	6.8	6.6	7.1	6.6	7.6	7.2	---	---	7.2	7.1	7.4	7.0
30	6.9	6.6	7.1	6.5	7.5	7.0	---	---	---	---	7.3	6.8
31	---	---	7.3	6.7	---	---	---	---	7.4	7.2	---	---
MONTH	8.0	6.6	7.6	6.5	---	---	---	---	---	---	---	---

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	22.5	21.0	21.5	17.5	16.5	17.0	14.0	12.5	13.5	12.5	11.0	11.5
2	22.0	20.0	21.5	18.0	17.0	17.5	13.0	12.0	12.5	12.5	11.5	12.0
3	21.5	20.5	21.0	18.5	17.5	18.0	12.0	11.0	11.5	11.5	10.0	10.5
4	20.5	20.0	20.0	19.0	18.0	18.5	11.5	9.5	11.0	9.5	9.0	9.0
5	20.0	19.0	19.5	19.0	18.5	18.5	10.5	9.0	10.0	8.5	7.5	8.5
6	20.0	19.0	19.5	18.5	17.5	18.0	10.0	8.5	9.0	8.0	6.5	7.5
7	20.0	18.0	19.5	17.0	16.0	16.5	9.5	8.0	9.0	7.5	5.0	6.0
8	19.5	18.5	19.0	16.5	15.5	16.0	10.5	8.5	9.5	5.5	3.5	4.0
9	19.0	17.5	18.5	17.0	15.5	16.5	11.0	9.5	10.0	4.0	3.0	3.5
10	19.0	17.5	18.5	17.5	16.5	17.0	12.0	10.0	11.0	4.0	3.0	3.5
11	19.0	18.0	19.0	17.5	15.5	16.5	12.5	11.5	12.0	4.5	3.5	4.0
12	19.0	18.0	18.5	15.5	14.5	15.0	12.5	11.0	12.0	4.5	3.0	4.0
13	18.0	17.0	17.5	15.0	13.5	14.5	12.0	11.0	11.5	5.0	4.0	4.5
14	17.5	16.5	17.0	15.0	13.5	14.0	12.5	11.0	11.5	5.0	4.5	5.0
15	17.5	16.5	17.0	15.0	13.5	14.5	14.0	12.5	13.0	5.0	4.0	4.5
16	17.5	16.5	17.0	16.0	14.5	15.0	13.0	11.0	12.5	5.0	4.0	4.5
17	18.0	17.0	17.5	17.0	15.5	16.5	11.0	10.0	11.0	5.5	3.5	4.5
18	18.5	17.5	18.0	17.5	17.0	17.0	10.5	9.0	10.0	7.0	5.0	6.0
19	19.0	18.0	18.5	17.0	16.5	17.0	10.0	8.0	9.5	10.0	7.0	8.0
20	19.5	18.0	19.0	---	---	---	11.5	9.0	10.5	13.0	9.5	11.0
21	20.0	18.5	19.0	---	---	---	12.0	11.0	11.5	14.5	12.0	13.5
22	19.0	17.5	18.0	---	---	---	12.5	11.5	12.0	14.0	13.0	13.5
23	17.5	16.5	17.0	13.0	11.0	12.5	12.5	11.0	12.0	13.0	10.0	11.5
24	17.5	17.0	17.5	12.5	10.5	11.5	12.5	10.5	11.5	11.0	8.5	9.5
25	18.0	16.5	17.5	13.5	11.0	12.5	13.0	12.0	12.5	9.5	8.0	9.0
26	18.0	17.0	17.5	14.5	13.0	14.0	14.0	13.0	13.5	8.5	3.5	8.0
27	18.0	17.0	17.5	16.0	14.5	15.0	14.5	14.0	14.5	8.0	5.5	7.0
28	17.5	16.5	17.0	16.0	15.5	16.0	15.5	14.5	15.0	6.5	4.5	6.0
29	17.0	15.5	16.5	16.5	15.5	16.0	15.0	12.5	14.0	6.5	4.5	5.5
30	17.0	15.5	16.5	16.0	14.0	15.5	12.5	11.0	12.0	8.0	5.5	6.5
31	16.5	15.0	16.5	---	---	---	11.5	10.5	11.0	10.0	7.0	8.5
MONTH	22.5	15.0	18.5	19.0	10.5	16.0	15.5	8.0	11.5	14.5	3.0	7.5

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

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	29.0	26.0	27.0	28.5	27.0	28.0	31.0	29.5	30.5	---	---	---
2	29.0	26.5	27.5	28.5	27.0	27.5	31.0	29.5	30.5	25.5	24.5	25.0
3	28.5	26.0	27.5	27.5	26.0	26.5	30.5	29.5	30.5	26.0	25.0	25.5
4	27.0	26.0	26.5	26.5	25.5	26.0	30.0	29.0	30.0	26.0	24.0	25.5
5	26.5	24.5	25.5	27.0	25.5	26.0	30.5	29.0	30.0	24.0	23.0	23.5
6	26.5	24.5	25.5	27.5	26.0	26.5	30.5	29.5	30.0	24.0	22.5	22.5
7	27.5	23.0	25.5	27.5	26.0	27.0	30.5	29.0	29.5	24.0	22.0	23.0
8	27.5	21.5	26.5	28.5	26.5	27.5	---	---	---	22.5	21.0	22.0
9	29.0	24.5	27.5	29.0	27.5	28.5	---	---	---	24.0	21.0	22.0
10	28.0	25.0	26.5	30.5	28.0	29.5	30.0	29.5	30.0	26.0	22.5	24.0
11	26.0	24.5	25.0	30.5	29.0	29.5	30.0	28.5	29.5	25.5	23.5	24.5
12	26.5	24.5	25.5	30.0	29.0	29.5	30.5	29.0	29.5	25.0	24.0	24.5
13	27.5	24.5	26.0	30.5	29.0	29.5	30.0	28.0	29.0	24.0	23.5	23.5
14	27.5	25.0	26.5	31.5	29.0	30.0	30.0	28.0	29.0	25.0	24.0	24.5
15	28.5	25.5	26.5	32.5	30.0	31.0	29.5	28.5	29.0	24.5	23.5	24.0
16	28.5	26.0	27.0	32.5	31.0	31.5	29.5	28.0	28.5	24.0	23.5	24.0
17	28.5	26.5	27.5	33.0	31.0	32.0	30.0	28.0	29.0	23.5	23.0	23.5
18	29.0	27.0	28.0	33.0	31.0	32.0	30.5	28.5	30.0	24.0	23.0	23.5
19	29.5	27.5	28.5	33.0	31.0	32.0	31.5	29.5	30.5	24.0	23.0	23.5
20	29.5	28.0	28.5	32.5	31.0	32.0	31.5	30.0	31.0	25.5	24.0	24.5
21	30.0	28.0	29.0	31.5	30.5	31.0	31.5	29.5	30.5	29.0	25.0	25.5
22	30.5	28.5	29.5	30.5	29.0	30.0	30.5	28.5	29.5	25.5	24.5	25.0
23	30.5	29.0	30.0	29.5	28.5	29.0	29.5	28.0	29.0	26.0	24.0	25.0
24	31.0	27.5	30.0	30.0	28.5	29.0	29.5	28.5	29.0	26.0	24.0	25.0
25	30.0	28.0	29.0	30.5	29.0	29.5	30.0	28.5	29.0	25.5	24.5	25.0
26	30.5	28.0	29.5	31.5	29.5	30.5	30.5	29.0	29.5	24.5	23.0	23.5
27	28.5	27.5	28.0	32.0	29.5	30.5	30.5	29.5	30.0	23.5	22.0	23.0
28	28.5	26.5	27.5	32.0	30.0	30.5	30.0	27.0	28.5	25.0	22.0	23.5
29	29.0	27.0	28.0	32.0	29.5	30.5	27.0	27.0	27.0	25.0	23.0	24.0
30	28.5	27.5	28.0	31.5	30.0	30.5	---	---	---	25.0	23.0	24.0
31	---	---	---	31.5	30.0	30.5	26.5	25.5	26.0	---	---	---
MONTH	31.0	21.5	27.5	33.0	25.5	29.5	31.5	25.5	29.5	29.0	21.0	24.0
YEAR	33.0	3.0	19.5									

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.7	5.3	6.5	5.9	5.0	5.4	7.6	6.8	7.2	8.7	7.7	8.2
2	7.7	4.8	6.1	6.0	5.1	5.5	8.1	6.7	7.4	8.6	7.5	8.1
3	8.4	5.0	6.3	5.9	4.9	5.4	8.5	7.1	7.9	9.1	7.7	8.2
4	7.9	5.3	6.3	5.9	4.5	5.3	8.8	7.8	8.3	9.5	7.8	8.8
5	8.0	5.2	6.4	5.8	4.4	5.4	9.2	7.9	8.6	10.1	8.3	9.2
6	8.1	5.5	6.4	5.8	4.5	5.1	9.4	7.7	8.8	10.3	8.2	9.5
7	7.8	5.6	6.6	6.0	4.3	5.4	9.5	8.0	9.0	10.5	8.5	9.8
8	8.0	5.9	6.8	5.9	4.4	5.2	9.4	8.5	9.0	12.0	10.0	11.2
9	7.9	6.1	6.6	6.0	4.4	5.5	9.2	8.4	8.8	12.3	10.2	11.5
10	8.1	6.2	7.0	6.0	4.1	5.4	9.2	8.0	8.6	12.4	10.4	11.7
11	7.9	5.6	6.8	6.0	4.1	5.2	9.0	7.6	8.3	12.4	10.9	11.7
12	7.1	6.0	6.5	6.2	4.5	5.6	9.0	7.5	8.1	12.1	9.7	11.5
13	7.7	6.0	6.8	6.4	4.1	5.7	9.0	7.4	8.0	12.0	10.2	11.4
14	8.0	6.3	7.0	6.8	4.7	6.0	9.0	7.4	8.1	11.9	10.6	11.3
15	8.0	6.7	7.1	6.8	5.5	6.1	8.4	7.5	8.0	11.9	9.8	11.2
16	8.1	6.5	7.0	6.8	5.2	6.1	8.5	7.5	8.0	12.1	10.2	11.2
17	8.0	6.3	7.0	6.9	5.6	6.2	8.9	8.1	8.5	12.3	10.0	11.4
18	7.7	6.2	6.9	6.4	5.2	5.8	9.4	8.2	8.8	12.1	10.1	11.1
19	7.7	6.2	6.8	6.2	4.2	5.0	9.7	8.3	9.2	11.2	9.4	10.3
20	7.5	6.0	6.6	---	---	---	10.0	8.8	9.4	10.2	8.7	9.4
21	7.0	5.6	6.5	---	---	---	9.6	8.5	9.0	9.1	7.2	8.2
22	7.0	5.2	6.0	---	---	---	8.7	8.2	8.5	8.3	7.0	7.7
23	6.1	5.1	5.7	7.2	6.4	7.1	8.6	8.2	8.4	9.2	7.5	8.3
24	6.1	5.1	5.7	7.3	6.3	6.8	8.7	8.2	8.5	9.9	7.8	8.9
25	5.9	4.9	5.5	7.6	6.5	7.1	8.6	8.0	8.3	10.1	7.9	9.3
26	6.0	4.8	5.5	7.6	6.5	7.0	9.5	7.6	8.1	10.4	8.7	9.7
27	5.8	4.3	5.3	7.3	6.0	6.7	7.9	7.3	7.6	11.0	9.2	10.1
28	5.8	4.4	5.3	7.2	6.0	6.6	7.6	6.9	7.3	11.6	9.5	10.7
29	5.8	4.7	5.4	7.1	6.1	6.6	8.5	6.9	7.8	11.7	9.7	11.0
30	5.9	4.8	5.5	7.2	6.4	6.8	8.4	7.7	8.2	11.4	10.4	10.9
31	5.9	4.9	5.4	---	---	---	8.5	7.7	8.2	11.0	9.9	10.5
MONTH	8.4	4.3	6.3	7.6	4.1	5.9	10.0	6.7	8.3	12.4	7.0	10.1

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

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.1	4.5	6.5	5.7	3.0	3.9	4.3	3.3	3.9	---	---	---
2	7.1	4.2	5.9	5.9	3.2	4.1	4.3	3.5	3.9	4.6	3.0	3.7
3	6.5	4.1	5.1	4.5	3.5	3.9	4.2	3.5	3.9	4.6	2.8	3.7
4	7.0	3.8	4.9	4.5	3.4	3.9	4.0	3.5	3.7	6.0	2.7	4.2
5	7.6	4.2	5.8	4.7	3.7	4.2	4.4	3.5	3.9	6.4	5.3	5.8
6	7.2	5.6	6.6	5.0	3.8	4.4	5.1	3.9	4.3	6.2	4.8	5.4
7	7.3	4.6	6.0	5.4	4.0	4.6	5.1	4.3	4.5	5.5	4.6	5.1
8	7.4	5.8	6.8	5.8	4.1	4.8	---	---	---	6.2	4.6	5.2
9	6.9	5.4	6.6	6.2	4.1	4.9	---	---	---	7.0	5.7	6.3
10	---	---	---	6.2	3.9	4.8	4.8	3.0	3.9	6.1	5.4	5.8
11	---	---	---	5.9	3.7	4.5	4.5	3.0	3.8	5.5	4.1	4.8
12	---	---	---	5.6	3.5	4.3	5.1	3.1	3.9	4.8	3.7	4.3
13	---	---	---	5.3	3.8	4.3	4.6	3.3	4.0	4.7	4.2	4.3
14	---	---	---	5.1	3.6	4.1	4.8	3.6	4.1	4.7	4.3	4.4
15	---	---	---	5.8	3.6	4.2	4.2	3.4	3.9	4.5	4.1	4.3
16	---	---	---	5.6	3.6	4.3	4.3	3.1	3.8	4.3	3.8	4.0
17	---	---	---	6.2	3.8	4.6	4.5	3.5	3.9	4.2	3.7	4.0
18	8.9	4.1	5.8	6.0	4.1	4.7	4.3	3.4	3.9	4.7	3.9	4.3
19	8.5	4.1	5.8	5.8	4.2	4.8	4.3	3.5	3.8	4.4	3.2	4.0
20	8.4	4.2	5.7	5.5	4.2	4.7	4.5	3.5	3.9	4.2	3.2	3.8
21	8.3	4.2	5.8	5.1	4.2	4.6	5.1	3.2	4.0	4.0	3.0	3.6
22	7.7	4.2	5.7	4.7	3.9	4.3	4.0	2.8	3.5	3.8	2.8	3.4
23	7.1	4.1	5.5	4.4	3.5	4.0	3.2	2.5	2.8	4.0	2.8	3.4
24	6.6	3.9	5.3	4.3	3.5	3.8	3.1	2.4	2.7	4.1	2.9	3.5
25	4.7	2.6	3.4	4.4	3.5	3.9	3.1	2.4	2.7	5.4	3.1	3.9
26	3.6	2.1	2.8	4.5	3.6	4.0	3.1	2.4	2.6	5.0	3.5	4.3
27	3.2	2.1	2.6	5.5	3.7	4.2	4.7	2.4	3.1	5.2	3.5	4.3
28	3.9	2.2	2.8	5.8	3.8	4.4	5.2	3.0	3.8	5.3	3.3	4.2
29	5.8	2.7	3.5	5.7	3.4	4.2	4.7	3.8	3.9	4.3	3.2	3.8
30	5.4	3.0	3.8	5.2	3.3	3.9	---	---	---	4.3	3.2	3.8
31	---	---	---	5.0	3.3	3.9	4.7	3.6	3.9	---	---	---
MONTH	8.9	2.1	5.1	6.2	3.0	4.3	5.2	2.4	3.7	7.0	2.7	4.3
YEAR	12.4	2.1	6.5									

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

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC

LOCATION.--Lat 32°50'15'', long 80°01'40'', Charleston County, Hydrologic Unit 03050202, on right bank at Coast Guard Auxiliary Dock and Boat Ramp, 0.25 mi downstream from I-526 bridge and at mile 9.5.

PERIOD OF RECORD.--May 1987 to September 1988 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1987 to September 1988 (discontinued).
pH: May 1987 to September 1988 (discontinued).
WATER TEMPERATURE: May 1987 to September 1988 (discontinued).
DISSOLVED OXYGEN: May 1987 to September 1988 (discontinued).

INSTRUMENTATION.--USGS water-quality monitor and data collection platform since May 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 57,500 microsiemens, June 28, 1987; minimum, 200 microsiemens, Sept. 11, 1987.
pH: Maximum, 8.7 units, Feb. 14, 15, 1988; minimum, 6.6 units, Sept. 11, 12, 14, 1987.
WATER TEMPERATURE: Maximum, 33.0°C, July 11, 1987; minimum, 5.0°C, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 4, 19, 1988; minimum, 1.4 mg/L, Sept. 19, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 43,000 microsiemens, May. 3; minimum, 500 microsiemens, Sept. 10.
pH: Maximum, 8.7 units, Feb. 14, 15; minimum, 6.7 units, Sept. 8.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 1, 2; minimum, 5.0°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 11.8 mg/L, Feb. 4, 19; minimum, 2.0 mg/L, July 21.

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	26900	10500	19400	34700	23700	30200	34200	24300	29600	37300	26100	32000
2	27000	12200	20500	35300	24700	31200	33600	23300	29600	36400	25100	32400
3	25700	11400	20100	35900	24900	31400	35000	24000	30100	36900	28000	32800
4	28100	13300	22000	36000	23900	31400	33300	23900	28900	35600	24500	30700
5	29100	13600	23000	35500	24000	30200	34600	24200	30100	34500	22800	29600
6	29100	14800	23200	35200	22800	29600	35300	24100	30500	34500	23800	29800
7	27300	12700	21700	34900	23100	29400	34900	25000	30700	35600	25900	31700
8	29100	13000	22800	34500	23400	29200	35200	26600	31100	33300	21900	28700
9	29200	14800	22800	33800	23600	28900	34100	25800	30400	33000	22000	28100
10	29000	15200	23100	32700	23600	27800	33300	25800	29800	32800	22700	27400
11	29600	17100	23700	32300	23300	27300	33100	24600	29500	---	---	---
12	30100	18100	24600	33300	24100	28400	32200	25100	29100	32700	21400	27900
13	31100	19400	25600	33000	25000	29300	33300	25900	29900	32400	19200	26300
14	32100	20800	26200	33200	25800	29900	33800	26400	30500	32400	21500	27700
15	---	---	---	34200	26000	30400	---	---	---	34800	20800	28600
16	32500	22600	28700	34200	26800	30900	---	---	---	34700	20300	28700
17	32400	21900	27900	35100	27300	31900	---	---	---	35100	19100	28300
18	33300	22700	28100	---	---	---	36700	25900	32000	34300	20400	27300
19	33500	22100	28700	---	---	---	37100	24700	32000	34700	18500	27200
20	33300	22400	28800	---	---	---	37300	24600	32000	33700	20700	26900
21	33100	21200	28800	35500	23900	30300	37200	26000	31900	33700	19900	24700
22	34500	21400	29400	36200	25200	31200	38300	26400	32500	31300	21400	25400
23	34900	21600	29500	36300	22100	30600	37600	25300	32400	30600	13800	23300
24	35500	22700	29800	35800	24200	30700	37800	26300	32700	31600	13000	23300
25	34400	22100	29100	35400	24600	30700	37000	25200	31700	33200	13100	24600
26	36000	23400	30600	35200	25000	30500	34900	24900	30900	29200	8190	23400
27	34800	24000	30100	35100	24800	30600	36000	25900	31600	31000	10800	22500
28	34800	23300	28900	35200	25200	31400	37500	25200	32500	31700	12700	22300
29	34500	23300	29200	34700	24400	30500	35000	25200	30600	30200	13900	22100
30	34300	22900	29000	34400	23700	30200	36500	26600	32400	30700	14700	22900
31	33700	22500	29100	---	---	---	37300	27000	32700	30900	13100	23400
MONTH	36000	10500	26100	36300	22100	30200	38300	23300	31000	37300	8190	27000

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, 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	30100	12500	22500	30500	13500	23600	30900	15600	23900	---	---	---
2	29800	12600	22000	29900	12800	22700	30600	15100	23700	33900	13600	23900
3	29600	12000	22300	29500	10100	20600	31400	15700	24000	43000	12100	25900
4	30100	12400	22200	27700	9070	19400	31100	15600	23600	40700	12000	25200
5	30900	12500	23200	29200	8050	19400	32300	15600	24000	40100	10500	21200
6	30200	13000	23000	29700	11300	21400	30700	17100	24500	37000	10600	26000
7	29900	14600	23400	28200	10500	20300	31500	16200	22500	30700	14100	23400
8	30000	14100	23300	27000	9780	19500	32600	18900	26100	33000	16500	25400
9	30200	15000	23400	---	---	---	33800	21800	27800	33800	16700	25800
10	30900	16500	24800	22100	8610	16300	33900	22300	28300	32500	15400	25300
11	32600	16300	25300	25800	13700	19700	34800	23000	29800	32500	14100	25500
12	32900	12900	22600	29700	9160	19100	34300	20200	29100	32500	15400	26200
13	30300	16300	23300	27300	7150	17000	34200	17800	27800	30800	14600	24700
14	33300	18800	27500	27100	9380	18600	36500	19600	29900	35000	15200	26200
15	34800	20600	28300	26100	7950	19500	37600	20300	30000	33200	13000	25000
16	---	---	---	27500	13900	20800	36800	19400	29300	34100	17900	26900
17	34100	12400	27300	28700	9860	20500	36700	19100	28700	35000	17900	27100
18	36300	23400	29800	30400	7770	19900	34800	19300	28100	34300	18100	26900
19	37000	19000	29100	27200	11500	18700	34000	16100	25900	33900	19700	27100
20	32900	16300	25100	23900	11500	16200	34200	18800	26500	33100	20000	27300
21	29200	9580	20400	25200	7480	15600	33300	16200	24800	33100	21500	27600
22	28800	7640	18500	28000	8060	17800	31300	17000	24300	33000	21600	27500
23	28900	7270	14900	28300	7580	17200	31200	16900	24800	32400	21700	27500
24	23900	7590	15200	25600	8050	15600	31100	15500	22300	31800	20100	26900
25	26600	8410	17200	24600	8400	16000	30100	19600	25500	32400	21900	27500
26	26000	10800	19000	25300	9800	16700	31800	16900	25100	34900	23200	30300
27	31400	9320	19900	24600	11500	17900	31000	14500	23600	34200	24400	30000
28	31600	15600	24500	29000	14500	22400	29900	12600	21500	33800	22500	29100
29	32000	15200	23700	31900	16500	23600	30400	13000	23200	35500	22900	29500
30	---	---	---	29200	15100	23100	---	---	---	35500	23100	29900
31	---	---	---	30000	15000	23400	---	---	---	36400	23300	29900
MONTH	37000	7270	22900	31900	7150	19400	37600	12600	25800	43000	10500	26700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	35700	23100	30000	40000	26900	33700	38300	23500	30600	30300	9240	20500
2	37500	24100	30500	39000	25900	32900	39100	24900	33500	27600	8760	18600
3	38400	25900	32400	38500	28600	34200	38900	27700	34900	27900	8860	18900
4	38400	27300	33400	39400	29000	34700	39700	26800	34600	27100	9620	18000
5	38000	26900	33000	39800	28500	35600	39100	25600	33300	23400	4820	12900
6	38300	26100	32400	39100	28600	35300	38600	26000	32600	23400	4720	13700
7	36600	25500	32500	39300	30000	35300	38000	24500	32000	28000	6580	17000
8	38300	25600	33000	38100	28200	34500	38100	23400	31500	24200	4880	15500
9	38700	26400	33100	38300	28800	34400	37200	21600	30700	19900	1220	9030
10	39200	24900	33100	37500	28200	34100	36400	22700	29700	14200	500	4960
11	39800	25900	33700	38100	27800	34100	36500	21300	29100	13200	640	5250
12	38900	25900	33300	36800	27500	33100	35700	22200	29600	18100	600	6120
13	38700	26000	33200	36400	27500	32700	37100	21800	29900	19100	680	6550
14	37800	26700	32900	37400	27800	33000	33000	19500	27900	20800	620	7900
15	40300	26400	33400	36100	27700	32700	31900	18500	26000	24000	680	9820
16	40800	25800	34000	36400	28000	32300	31200	17700	25400	26200	1440	11500
17	39500	29400	35100	37200	29100	33400	32200	18000	26100	24400	1720	9600
18	39400	29200	34600	37000	28900	33500	32500	18700	26200	23300	1300	9150
19	39100	27300	33100	38500	29700	34200	32800	20500	27500	33400	2140	13900
20	39200	28700	34700	38000	28900	34300	33800	21900	28200	34800	3600	17300
21	39600	31100	35900	38200	30900	34700	33900	20800	28000	34000	3660	18400
22	39600	31800	36200	36900	21300	32100	35500	20100	28500	37700	6140	23900
23	39300	31100	35800	34300	21200	28900	37300	21500	29900	36800	5000	23300
24	39200	29400	35100	35300	22800	30300	36900	20100	29500	35200	5240	21900
25	38800	29400	34300	36800	24700	31600	37400	18700	29200	34000	5500	21400
26	38000	28500	34200	37900	25600	32200	36500	17900	28600	35100	6200	21700
27	38900	27200	33400	37900	25000	32200	37400	18500	27800	35700	7040	22600
28	39600	25600	33700	35100	24200	31000	36600	20100	28800	36700	7200	21000
29	38400	27100	33300	33100	22700	29100	32100	13400	23800	25400	6140	16300
30	38200	26100	33000	36100	23500	30800	31200	12400	22600	23500	6680	15600
31	---	---	---	34200	22400	29800	30600	9260	20400	---	---	---
MONTH	40800	23100	33500	40000	21200	32900	39700	9260	28900	37700	500	15100
YEAR	43000	500	26600									

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.5	7.2	7.7	7.5	7.4	7.3	7.8	7.5	8.0	7.6	8.0	7.5
2	7.5	7.3	7.7	7.6	7.5	7.3	7.6	7.5	8.1	7.6	7.9	7.4
3	7.5	7.3	7.7	7.5	7.4	7.3	7.7	7.6	8.1	7.6	7.9	7.4
4	7.6	7.4	7.7	7.5	7.5	7.3	7.6	7.5	8.0	7.6	7.7	7.3
5	7.6	7.4	7.7	7.5	7.6	7.3	7.7	7.5	8.1	7.6	7.7	7.3
6	7.6	7.4	7.7	7.5	7.6	7.4	7.6	7.5	8.4	7.6	7.9	7.4
7	7.6	7.4	7.7	7.5	7.5	7.4	7.7	7.6	8.3	7.7	7.8	7.4
8	7.6	7.4	7.7	7.5	7.5	7.4	7.6	7.6	8.3	7.8	7.7	7.5
9	7.6	7.4	7.7	7.5	7.4	7.3	7.7	7.5	8.4	7.8	7.7	7.5
10	7.6	7.5	7.6	7.4	7.4	7.3	7.7	7.6	8.6	7.9	7.8	7.5
11	7.7	7.5	7.6	7.5	7.4	7.3	7.8	7.7	8.6	8.1	7.8	7.5
12	7.7	7.5	7.7	7.5	7.4	7.3	7.8	7.7	8.5	8.0	7.8	7.5
13	7.8	7.5	7.7	7.5	7.5	7.3	7.8	7.7	8.6	8.1	7.9	7.6
14	7.9	7.5	7.7	7.5	7.5	7.3	7.9	7.7	8.7	8.4	8.1	7.6
15	---	---	7.7	7.5	---	---	7.9	7.7	8.7	8.3	8.1	7.8
16	7.9	7.6	7.8	7.6	---	---	8.0	7.7	8.6	8.0	8.1	7.8
17	7.9	7.6	7.8	7.6	7.7	7.5	8.0	7.8	8.6	7.9	8.1	7.8
18	7.9	7.6	---	---	7.8	7.5	8.0	7.8	8.4	8.1	8.0	7.8
19	7.9	7.6	---	---	7.7	7.4	8.0	7.8	8.1	7.7	8.1	7.8
20	7.8	7.6	7.5	7.5	7.9	7.5	8.0	7.8	8.3	7.5	8.2	7.7
21	7.7	7.5	7.6	7.4	7.9	7.5	8.0	7.7	7.9	7.5	8.2	7.6
22	7.8	7.5	7.6	7.4	7.9	7.5	7.8	7.6	7.9	7.5	8.2	7.9
23	7.8	7.5	7.6	7.4	7.7	7.4	7.8	7.6	8.0	7.5	8.2	7.9
24	7.8	7.5	7.5	7.4	7.5	7.3	7.8	7.6	8.0	7.4	8.1	7.9
25	7.7	7.5	7.5	7.4	7.5	7.3	7.8	7.6	7.8	7.4	8.2	7.9
26	7.8	7.5	7.5	7.4	7.6	7.4	7.8	7.6	7.8	7.4	8.2	7.8
27	7.7	7.5	7.5	7.3	7.5	7.4	7.9	7.6	7.9	7.4	8.0	7.7
28	7.7	7.5	7.4	7.3	7.6	7.4	7.8	7.5	8.0	7.5	8.1	7.8
29	7.7	7.5	7.4	7.3	7.6	7.2	7.9	7.6	8.1	7.5	8.1	7.7
30	7.7	7.5	7.4	7.3	7.6	7.4	7.9	7.6	---	---	8.0	7.7
31	7.7	7.5	---	---	7.6	7.5	8.0	7.6	---	---	7.9	7.6
MONTH	7.9	7.2	7.8	7.3	7.9	7.2	8.0	7.5	8.7	7.4	8.2	7.3

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

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	26.0	24.5	25.0	18.5	17.5	18.0	15.5	13.5	14.5	14.0	13.0	13.5
2	25.5	23.5	24.5	19.0	17.5	18.0	14.0	13.0	13.5	13.5	12.5	13.0
3	24.5	23.0	24.5	19.5	18.0	18.5	13.5	12.5	13.0	12.5	11.5	12.0
4	23.5	22.0	23.0	19.0	18.5	19.0	13.0	12.0	12.5	11.5	10.5	11.0
5	23.0	21.5	22.5	20.0	19.0	19.5	12.0	11.5	12.0	10.5	10.0	10.5
6	22.5	21.5	22.0	19.0	17.5	18.5	11.5	11.0	11.5	10.0	9.5	10.0
7	22.5	21.5	22.0	18.0	17.5	17.5	11.5	11.0	11.0	9.5	7.5	8.5
8	21.5	20.5	21.0	18.0	17.0	17.5	12.0	11.0	11.5	7.5	6.5	7.5
9	21.0	20.0	20.5	18.5	17.5	18.0	13.0	11.5	12.0	7.0	6.5	7.0
10	21.0	20.0	20.5	20.0	17.5	18.5	14.0	12.0	13.0	7.0	6.0	6.5
11	21.0	20.0	20.5	18.5	16.5	17.5	14.0	12.5	13.0	6.5	6.0	6.5
12	20.5	19.5	20.0	17.0	15.5	16.5	13.5	12.5	13.0	7.0	5.5	6.5
13	19.5	18.5	19.0	17.0	15.5	16.0	13.5	12.5	13.0	7.0	6.0	6.5
14	18.5	17.5	18.0	16.5	15.5	16.0	13.5	12.5	13.0	7.0	6.0	6.5
15	---	---	---	16.5	15.5	16.0	---	---	---	6.5	5.5	6.0
16	19.0	17.5	18.0	17.5	16.0	17.0	---	---	---	6.0	5.0	5.5
17	19.0	17.5	18.0	18.5	17.0	17.5	13.0	12.0	12.5	6.5	5.5	6.0
18	19.0	18.0	18.5	---	---	---	12.5	11.5	12.0	7.0	6.0	6.5
19	19.5	18.5	19.0	---	---	---	12.0	11.0	11.5	8.5	7.0	7.5
20	20.5	19.0	19.5	17.0	15.5	16.5	13.0	11.5	12.5	10.0	8.5	9.0
21	20.5	19.5	20.0	15.5	14.5	15.0	13.5	13.0	13.0	10.0	6.0	8.0
22	19.0	18.0	18.5	15.5	13.5	14.5	14.0	13.0	13.5	11.0	5.5	8.0
23	18.5	17.5	18.0	14.5	13.5	14.0	13.5	12.5	13.0	10.5	9.5	10.0
24	19.0	17.5	18.0	15.0	13.5	14.0	14.0	12.5	13.5	10.5	9.5	10.0
25	19.0	18.0	18.5	15.5	14.0	14.5	15.0	13.5	14.0	10.0	9.5	10.0
26	19.0	18.0	18.5	16.5	14.5	15.5	16.0	14.0	15.0	9.5	8.5	9.0
27	18.5	18.0	18.0	16.5	15.5	16.0	15.5	15.0	15.0	9.5	8.0	8.5
28	18.5	17.5	17.5	16.5	16.0	16.5	16.5	15.0	15.5	9.0	8.0	8.5
29	18.0	16.5	17.5	16.5	15.5	16.0	16.0	13.0	14.5	11.0	8.0	9.0
30	18.0	16.5	17.0	16.5	15.0	15.5	14.0	12.5	13.0	10.5	9.0	9.5
31	18.0	16.5	17.5	---	---	---	13.0	12.0	13.0	11.0	9.5	10.0
MONTH	26.0	16.5	20.0	20.0	13.5	16.5	16.5	11.0	13.0	14.0	5.0	8.5

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

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.0	26.0	29.0	27.5	28.0	32.5	30.5	31.0	28.0	26.5	27.0
2	27.5	25.5	26.0	28.5	27.0	28.0	32.5	30.0	31.0	27.0	26.0	26.5
3	27.5	26.0	26.5	28.0	27.0	27.0	32.0	30.5	31.0	27.5	26.0	27.0
4	26.5	25.0	25.5	27.0	26.5	26.5	31.5	30.0	30.5	27.5	26.5	27.0
5	26.5	23.5	25.0	27.0	25.5	26.5	31.0	29.5	30.5	27.0	26.0	26.5
6	26.5	24.5	25.0	27.0	25.5	26.5	31.0	29.5	30.5	27.0	25.5	26.5
7	27.0	24.5	25.5	27.5	25.5	26.5	30.5	29.5	30.0	26.5	25.0	26.0
8	27.5	25.5	26.5	28.0	26.0	27.0	32.0	29.5	30.0	25.5	23.5	25.0
9	27.5	26.0	27.0	28.5	27.0	27.5	32.0	30.0	30.5	24.5	23.5	24.0
10	27.0	25.0	26.0	29.5	27.5	28.0	30.5	30.0	30.0	26.0	23.5	24.5
11	26.0	24.5	25.0	29.5	28.0	28.5	31.5	29.5	30.5	27.0	24.0	25.0
12	26.5	24.5	25.5	29.0	28.0	28.5	31.5	30.0	30.5	26.5	24.5	25.5
13	27.5	25.0	25.5	30.5	28.0	28.5	31.0	29.5	30.5	26.5	24.5	25.5
14	27.5	25.5	26.0	30.0	28.5	29.0	30.5	29.0	30.0	27.0	25.0	26.0
15	27.5	25.5	26.5	31.5	28.5	29.5	30.0	29.5	29.5	27.0	25.5	26.0
16	28.0	26.0	26.5	31.5	29.5	30.0	30.0	29.0	29.5	27.0	25.0	26.0
17	28.5	26.0	27.0	32.0	29.5	30.5	31.0	29.0	29.5	26.5	25.0	25.5
18	29.0	26.5	27.5	32.0	30.0	30.5	31.5	29.0	30.0	26.5	24.5	25.5
19	29.0	27.0	28.0	32.0	30.0	31.0	31.5	29.5	30.5	26.5	25.0	25.5
20	29.5	27.5	28.5	32.0	30.0	30.5	31.5	29.5	30.5	27.0	25.0	26.0
21	30.5	28.0	28.5	31.0	30.0	30.5	31.5	30.0	30.5	28.0	25.5	26.5
22	31.0	28.5	29.0	30.5	29.0	29.5	30.5	29.5	30.0	27.5	26.0	26.5
23	30.5	28.5	29.5	29.5	29.0	29.5	30.0	29.0	29.5	27.0	26.0	27.0
24	31.5	29.0	29.5	29.5	28.5	29.0	30.5	29.0	29.5	27.5	26.0	27.0
25	30.0	29.0	29.5	31.0	29.0	29.5	30.5	29.0	29.5	27.5	26.5	27.0
26	31.0	29.5	30.0	30.5	29.5	30.0	31.0	29.0	30.0	26.5	25.5	26.0
27	29.5	28.0	29.0	31.5	29.5	30.0	30.0	29.0	29.5	26.0	25.0	25.5
28	29.5	27.5	28.5	31.0	29.5	30.0	29.0	28.0	28.5	25.5	24.5	25.0
29	30.0	27.5	28.5	31.5	30.0	30.5	28.5	28.0	28.0	26.0	24.5	25.0
30	29.0	27.5	28.0	31.5	30.0	30.5	29.0	27.5	28.0	26.0	24.5	25.0
31	---	---	---	32.0	30.0	31.0	28.5	27.5	28.0	---	---	---
MONTH	31.5	23.5	27.0	32.0	25.5	29.0	32.5	27.5	30.0	28.0	23.5	26.0
YEAR	32.5	5.0	20.0									

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	5.3	3.9	4.6	7.4	6.3	6.9	8.9	7.7	8.1	10.2	8.3	9.0
2	5.7	4.4	5.0	7.2	6.6	7.0	8.7	7.3	8.2	10.5	8.5	9.1
3	5.9	4.7	5.3	7.5	6.5	7.1	8.9	7.7	8.3	---	---	---
4	6.7	5.4	6.0	7.4	6.7	7.1	9.4	7.9	8.7	---	---	---
5	6.9	5.4	6.3	7.6	6.6	7.1	9.5	8.5	9.0	---	---	---
6	6.9	6.0	6.5	7.8	6.6	7.2	9.7	8.5	9.1	---	---	---
7	6.6	5.8	6.1	7.9	6.9	7.3	9.8	8.7	9.3	---	---	---
8	6.3	5.6	5.9	8.0	6.8	7.3	9.8	8.6	9.3	---	---	---
9	6.6	5.7	6.1	7.8	6.4	7.2	9.9	8.8	9.3	---	---	---
10	6.7	5.7	6.2	8.1	6.1	7.2	9.7	8.4	9.1	---	---	---
11	6.5	5.6	6.1	8.2	6.4	7.3	9.6	8.9	9.1	---	---	---
12	6.4	5.6	6.0	8.6	6.9	7.6	9.6	8.6	9.1	---	---	---
13	7.1	5.6	6.5	8.9	7.0	7.8	9.6	8.5	9.1	---	---	---
14	7.5	6.1	6.9	8.5	6.9	7.8	9.6	8.8	9.1	---	---	---
15	---	---	---	8.5	7.1	8.0	---	---	---	---	---	---
16	7.7	6.8	7.3	8.6	7.5	8.1	---	---	---	---	---	---
17	7.5	6.4	7.0	8.8	7.4	8.4	---	---	---	---	---	---
18	7.5	6.4	7.0	---	---	---	10.1	9.4	9.8	---	---	---
19	7.3	6.5	6.9	---	---	---	10.2	9.3	9.7	---	---	---
20	6.8	6.3	6.6	---	---	---	9.9	9.2	9.6	---	---	---
21	6.7	6.0	6.4	8.8	7.7	8.2	9.8	9.0	9.5	---	---	---
22	6.7	5.7	6.3	8.9	7.6	8.3	9.5	8.5	9.2	---	---	---
23	6.8	5.4	6.2	8.5	7.6	8.1	9.4	8.7	9.1	---	---	---
24	6.9	5.7	6.3	9.0	7.9	8.3	9.7	8.8	9.2	---	---	---
25	6.4	5.2	6.1	8.8	7.9	8.3	9.2	7.5	8.7	---	---	---
26	6.8	5.7	6.3	8.5	7.7	8.1	8.2	6.6	7.2	---	---	---
27	6.7	5.9	6.4	8.3	7.5	7.9	7.2	6.5	6.7	---	---	---
28	7.0	5.7	6.4	8.4	7.2	7.9	---	---	---	---	---	---
29	7.0	5.7	6.6	8.0	7.3	7.8	---	---	---	---	---	---
30	7.2	6.4	6.8	8.1	7.3	7.7	9.2	8.3	8.7	---	---	---
31	7.2	6.4	6.8	---	---	---	8.8	8.4	8.7	---	---	---
MONTH	7.7	3.9	6.3	9.0	6.1	7.7	10.2	6.5	8.9	10.5	8.3	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	10.3	8.9	9.8	8.1	7.1	7.7	---	---	---
2	---	---	---	10.2	8.8	9.6	7.8	6.8	7.4	---	---	---
3	---	---	---	9.8	8.6	9.3	7.7	6.6	7.1	7.3	4.6	6.2
4	11.8	7.0	9.6	9.5	8.5	9.0	7.6	6.2	6.9	7.7	5.3	6.7
5	11.5	7.0	9.1	9.3	8.2	8.8	8.3	6.0	7.3	---	---	---
6	10.5	6.7	8.4	9.4	8.3	8.8	8.6	6.8	7.4	---	---	---
7	---	---	---	9.4	8.2	8.7	8.7	6.5	7.7	---	---	---
8	10.6	7.4	9.6	9.3	8.0	8.6	8.7	7.3	7.9	---	---	---
9	11.4	7.1	9.8	---	---	---	8.8	6.7	7.9	---	---	---
10	11.5	8.2	9.7	9.0	7.9	8.3	8.5	6.9	7.7	7.2	4.7	6.3
11	11.4	6.5	9.6	9.4	7.8	8.5	8.1	7.0	7.6	7.6	4.5	6.2
12	11.1	7.1	8.9	9.2	7.8	8.3	7.9	7.2	7.5	7.2	5.4	6.4
13	11.3	6.7	9.0	8.8	7.3	8.3	8.3	6.7	7.6	6.5	5.2	6.0
14	10.9	7.2	9.5	9.0	7.5	8.3	8.2	6.8	7.7	6.3	4.9	5.8
15	11.1	8.1	9.5	8.9	8.0	8.5	8.0	6.9	7.5	6.4	5.3	5.8
16	10.4	6.8	8.8	8.9	7.3	8.6	7.7	6.5	7.3	6.5	4.7	5.9
17	10.7	7.0	9.7	8.9	8.0	8.5	7.9	6.3	7.2	7.0	4.7	6.0
18	11.4	9.4	9.5	8.7	7.9	8.3	7.8	6.6	7.2	6.6	5.2	6.0
19	11.8	10.7	11.4	8.5	7.9	8.2	8.3	6.6	7.1	7.0	5.0	5.9
20	11.0	9.9	10.7	9.5	8.0	8.5	7.9	6.5	7.2	6.7	4.6	5.8
21	10.8	9.4	10.1	9.8	7.9	8.6	8.4	6.5	7.3	7.7	5.1	5.9
22	11.3	9.2	10.1	9.2	8.0	8.6	8.5	6.2	7.4	7.6	5.0	5.7
23	11.0	9.0	9.8	9.1	7.8	8.5	8.3	6.4	7.4	7.0	3.4	5.1
24	10.8	9.0	10.0	9.0	7.8	8.4	7.8	6.5	7.2	7.3	2.6	5.1
25	10.7	8.8	9.9	9.2	7.8	8.5	8.0	6.5	7.3	8.0	3.3	5.8
26	10.9	8.9	9.9	9.2	7.6	8.5	7.9	6.4	7.2	8.5	5.2	6.9
27	10.5	9.1	9.9	8.8	7.7	8.3	7.7	5.8	7.0	8.0	5.6	7.2
28	10.8	9.3	10.1	8.7	7.6	8.2	7.7	6.1	6.9	8.5	5.8	6.9
29	10.4	9.1	9.9	8.6	7.8	8.2	7.9	5.6	6.6	9.4	5.3	7.0
30	---	---	---	8.6	7.6	8.1	---	---	---	9.2	4.1	7.4
31	---	---	---	8.4	7.6	7.9	---	---	---	8.9	3.9	7.1
MONTH	11.8	6.5	9.7	10.3	7.3	8.6	8.8	5.6	7.4	9.4	2.6	6.2

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.8	3.4	6.3	---	---	---	---	---	---	4.6	3.5	4.1
2	7.3	3.6	5.7	---	---	---	---	---	---	4.6	3.2	4.1
3	6.8	3.7	5.2	3.9	3.0	3.4	---	---	---	4.6	2.8	3.8
4	6.4	3.7	4.6	4.4	3.0	3.7	---	---	---	4.9	2.8	4.1
5	5.9	2.4	4.1	5.0	3.2	4.0	---	---	---	5.0	3.1	4.3
6	5.7	2.2	3.9	5.5	2.1	4.2	---	---	---	4.1	3.5	3.8
7	6.4	2.9	4.6	5.6	2.8	4.0	---	---	---	4.6	3.4	4.1
8	5.5	2.3	4.1	5.7	2.4	4.2	---	---	---	4.8	3.6	4.3
9	7.3	3.0	4.7	6.1	3.1	5.0	---	---	---	5.7	3.9	4.5
10	6.0	3.8	5.2	6.0	3.3	5.1	---	---	---	5.4	3.4	4.5
11	5.6	2.5	4.4	5.9	2.6	4.7	---	---	---	4.5	3.3	4.1
12	5.0	2.9	4.3	5.1	2.9	4.0	---	---	---	4.5	3.4	4.0
13	5.2	2.1	3.9	4.2	2.9	3.6	---	---	---	4.2	3.2	3.8
14	5.7	2.8	4.4	4.9	3.3	4.0	---	---	---	3.8	3.1	3.5
15	7.2	2.2	5.1	5.0	2.7	3.9	---	---	---	3.6	2.9	3.4
16	7.0	3.0	5.1	5.5	2.7	4.1	---	---	---	4.5	3.5	3.9
17	8.8	3.4	6.7	6.0	2.4	4.5	---	---	---	4.3	3.7	4.0
18	9.1	6.2	7.6	6.8	2.5	4.3	---	---	---	5.1	3.4	4.2
19	8.4	5.4	7.1	6.5	2.4	4.5	---	---	---	4.2	3.5	3.8
20	8.1	5.9	6.8	5.8	3.3	4.4	---	---	---	3.9	3.4	3.6
21	7.8	4.1	6.1	6.6	2.0	4.3	---	---	---	3.9	3.1	3.4
22	7.2	4.5	5.5	5.4	2.5	3.7	---	---	---	4.1	2.8	3.3
23	6.1	3.7	4.7	5.0	2.1	3.3	5.4	4.2	4.8	3.4	2.6	3.0
24	5.8	3.7	4.8	4.3	2.2	3.3	6.1	3.3	4.4	3.1	2.5	2.9
25	5.3	4.1	4.9	4.4	2.6	3.2	5.8	2.7	4.2	3.1	2.5	2.8
26	5.0	3.8	4.5	3.3	2.1	2.8	5.0	3.1	4.2	3.3	2.5	2.9
27	4.4	2.7	3.6	7.2	4.0	5.4	5.4	3.1	3.9	3.6	2.9	3.3
28	3.7	2.5	3.1	6.9	2.4	4.9	5.3	3.0	4.3	3.8	3.1	3.5
29	3.6	2.5	2.9	5.1	2.2	3.8	4.6	2.7	4.0	4.2	3.5	3.8
30	4.2	2.7	3.3	4.7	2.2	3.3	4.5	2.6	3.5	4.6	3.7	4.1
31	---	---	---	---	---	---	4.3	2.7	3.6	---	---	---
MONTH	9.1	2.1	4.9	7.2	2.0	4.1	6.1	2.6	4.1	5.7	2.5	3.8
YEAR	11.8	2.0	6.6									

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

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC

LOCATION.--Lat 32°47'00'', long 79°57'39'', Charleston County, Hydrologic Unit 03050202, on right bank at end of dock, at Ashley River Marina, .25 mi downstream from US Highway 17 bridge and at mile 1.7.

PERIOD OF RECORD.--March 1987 to September 1988 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1987 to September 1988 (discontinued).
pH: March 1987 to September 1988 (discontinued).
WATER TEMPERATURE: March 1987 to September 1988 (discontinued).
DISSOLVED OXYGEN: March 1987 to September 1988 (discontinued).

INSTRUMENTATION.--USGS water-quality monitor and data collection platform since March 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 51,400 microsiemens, Apr. 16, 1988; minimum, 4920 microsiemens, Sept. 9, 1987.
pH: Maximum, 8.6 units, Dec. 18, 19, 20, 1987, Jan. 21, 1988; minimum, 6.1 units, July 14 and Aug. 2, 1987.
WATER TEMPERATURE: Maximum, 32.0°C, June 15, Aug. 7, 1987; minimum, 5.5°C, Jan. 16, 1988.
DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Feb. 2, 1988; minimum, 3.0 mg/L, July 12-14, Aug. 10, Sept. 17, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 51,400 microsiemens, Apr. 16, minimum, 17,200 microsiemens, Sept. 18.
pH: Maximum, 8.6 units, Dec. 18, 19, 20, Jan. 21; minimum, 6.7 units, Sept. 27.
WATER TEMPERATURE: Maximum, 31.5°C, Aug. 2; minimum, 5.5°C, Jan. 16.
DISSOLVED OXYGEN: Maximum, 13.5 mg/L, Feb. 2; minimum, 3.1 mg/L, June 29.

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	41300	32100	34900	41400	37100	38400	39600	35900	37500	42500	37100	39300
2	42100	32300	36000	42500	36200	38700	40800	37000	38500	42200	36800	39400
3	40900	31400	35500	44100	36500	39500	42200	36700	38700	44800	38000	40000
4	41100	31500	35300	43900	36400	39500	40700	36800	38200	43500	38700	39700
5	42100	30800	35900	44400	36400	40200	42300	35700	38400	40700	37700	38700
6	40400	30300	35300	45900	38100	40700	42200	36600	38500	41900	37200	38700
7	41900	29800	35600	44400	38400	39800	42400	35900	38500	39300	36900	38300
8	43000	32900	37300	43900	38100	39500	41800	37400	38700	41100	37800	38600
9	42300	33800	37200	43400	37800	39300	41900	37800	39000	41200	38000	38800
10	42600	34600	37400	42600	37000	38900	41700	37500	39100	41200	38100	39000
11	43900	35300	38000	40900	37100	38800	40900	37200	38900	41100	38000	39300
12	43300	35900	38800	42800	37100	39400	40600	37000	38800	41500	37700	39500
13	43100	36700	39300	43800	37900	40400	41800	36900	38700	41900	36700	39200
14	43400	37300	39800	43400	38300	40100	41500	36600	37900	41400	37900	39300
15	44400	38100	40500	42900	38200	39500	42100	35400	37900	44200	37700	39800
16	42900	38500	40500	42200	37700	39200	39800	35700	37500	45500	37400	40200
17	43700	38100	40500	42500	36900	39300	39300	36300	37500	45200	37300	40100
18	42500	38000	40100	41900	36400	38600	41900	36700	39400	45800	36800	40000
19	43600	37900	40300	42900	36800	39300	44400	39000	40600	47400	36900	41800
20	44300	37200	40600	43700	36600	39000	45600	39100	41100	---	---	---
21	44500	37500	40400	42100	35900	37900	46300	38900	41200	46500	35600	39700
22	43400	36900	39600	42700	35700	37700	48200	39600	42200	41900	35400	37200
23	43300	36900	39000	42300	35000	37000	48100	39500	42300	---	---	---
24	45400	37100	39300	40600	34300	36600	47300	40600	42200	---	---	---
25	44400	37200	39200	40100	33900	36300	45800	40400	41800	---	---	---
26	47100	37700	40400	39800	34300	36400	42600	38300	40800	36400	32100	34900
27	46300	38000	40400	40100	34900	36300	41700	38500	39900	37800	36600	37700
28	43100	37300	39200	41300	35500	36700	43900	39100	40500	---	---	---
29	43000	37600	39400	40400	35600	37200	42800	38700	40000	38400	32600	35600
30	42100	37500	38900	40600	35400	37200	40300	36300	38700	38900	32800	35200
31	41200	37000	38400	---	---	---	42300	36700	39000	38800	32500	35200
MONTH	47100	29800	38500	45900	33900	38600	48200	35400	39400	47400	32100	38700

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, 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	39600	32500	35500	37200	31500	32900	43900	36400	39500	40500	32200	35100
2	39900	32400	35800	38300	31400	34700	44500	36400	39600	41400	32000	35600
3	40000	32200	35700	37600	31100	34600	45500	36900	40100	41300	32200	35800
4	40700	32400	36000	35900	30600	33400	46600	37300	40500	41400	32300	36000
5	38400	32500	36400	---	---	---	46800	37500	40600	39200	31900	35100
6	---	---	---	---	---	---	45100	38000	40800	38000	32100	34500
7	---	---	---	37600	30300	33800	43000	37500	40100	39300	32700	34700
8	37600	32200	34200	36400	30100	31000	44000	39000	41400	40600	33200	35700
9	36800	32200	33900	36300	29700	32300	45100	41600	42000	41300	33400	36200
10	37800	32300	34300	37000	30300	33800	---	---	---	40700	33100	36500
11	37100	31800	33800	---	---	---	---	---	---	40200	32900	36300
12	36900	31700	33400	34800	29700	33500	46500	38700	41200	40100	33000	36500
13	---	---	---	36600	28100	32100	46100	38200	41900	41400	34700	37300
14	---	---	---	36900	27900	32000	49600	39100	43100	44100	35000	37600
15	---	---	---	37800	28600	33000	51000	39500	43600	45600	35100	38200
16	38200	30000	31200	38500	29000	33400	51400	39700	43100	44100	35000	38100
17	38400	30100	34000	39900	29500	34300	51100	39800	43100	41900	35500	37600
18	40700	32000	35300	43100	29900	35100	48400	40300	42800	42500	35000	37300
19	40600	32000	35500	40600	29800	34500	44200	38800	41300	40700	35300	36800
20	37900	31400	33700	38400	28200	33200	46900	38900	41200	39600	35100	36400
21	---	---	---	39900	28300	32900	43300	39400	41100	38500	35400	36700
22	---	---	---	39400	30600	33800	45600	39700	41400	---	---	---
23	37900	28100	32800	39900	30200	33600	46900	39100	42600	37300	33600	34700
24	35100	26900	30200	38400	30700	33500	46400	39600	42500	38200	34200	36300
25	36400	28900	31500	38600	31900	34200	45900	38200	41500	40100	35000	36400
26	36900	28900	32700	37300	31300	34300	47200	39600	42300	40500	35400	37000
27	38200	29900	33300	41100	33200	36600	48700	39500	43500	40900	35500	37500
28	37300	30400	33000	41000	33500	37000	47300	37500	42500	41200	34700	37500
29	---	---	---	43300	35600	38400	46900	32000	38700	42700	34800	37700
30	---	---	---	43300	36100	39100	39400	31700	34600	42900	34300	37700
31	---	---	---	42900	36100	39400	---	---	---	44200	34800	38200
MONTH	40700	26900	33900	43300	27900	34300	51400	31700	41300	45600	31900	36600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	43800	34800	38200	45400	38200	39900	40300	36500	38200	---	---	---
2	46000	35400	39100	46900	39500	41300	39600	36400	37700	35600	31300	33700
3	46300	37700	40300	45700	40700	41900	39700	33800	36200	38500	29800	33400
4	47100	39300	41500	44900	39000	41200	36600	33200	34300	38800	29600	33600
5	47500	40400	42600	44600	38400	40500	35500	32200	33500	36300	27100	31500
6	47500	40500	42400	40700	37100	38600	34700	32500	33100	36300	28100	31100
7	45600	40700	42100	40600	37300	38600	34400	31600	33000	37700	28700	31700
8	44500	39800	41800	42800	37900	39700	35700	31900	33000	38400	28300	32400
9	45400	40200	41800	42700	39600	40900	36200	32200	33500	36600	22200	29900
10	45600	39500	41500	42700	38900	40800	34700	32100	33000	34000	20900	26200
11	46700	39700	41700	42900	38800	40800	36000	32400	33600	33700	18700	26000
12	46100	39400	41700	43600	40100	41300	36000	32800	33900	33800	20100	25500
13	45600	39600	41500	45500	40800	42100	35400	32800	34000	32400	18100	24100
14	42700	37500	40100	47200	42100	43700	35200	32900	34000	---	---	---
15	42900	37100	38800	46500	43100	44100	33200	29800	31400	---	---	---
16	45100	38400	39900	45300	42700	43900	32000	29400	30900	31000	19900	23500
17	44000	39400	40900	45200	42100	43500	33600	30400	32000	30800	19000	22700
18	41600	40400	41200	44400	41600	42800	35400	32200	33800	29400	17200	23100
19	---	---	---	43700	41600	42600	34700	41600	32100	30100	19200	24100
20	43900	36000	41300	43400	40600	42000	35500	31500	33500	29100	19300	23500
21	43800	41200	42200	42300	38500	36800	36200	30800	33500	29000	19600	23100
22	44800	41500	43000	40100	37400	38700	34900	31100	32400	33400	20700	28200
23	44200	41900	43100	39500	37400	38500	36700	26700	31900	---	---	---
24	44000	38800	41300	40300	36800	38400	35900	26100	30000	---	---	---
25	43900	39700	40700	43100	38200	39600	38200	27300	31400	---	---	---
26	45100	39900	41700	45000	38800	40800	37500	27600	31300	44000	26200	33200
27	46700	39600	41400	45600	39000	41300	38800	27900	31300	43700	25600	33400
28	46900	39700	42000	45200	38600	41600	38700	27000	31800	43400	26300	33500
29	45200	37700	41200	44700	38000	40200	40200	25000	33000	41200	27900	32900
30	43900	37500	39700	44400	38000	39600	---	---	---	37600	27800	31600
31	---	---	---	41800	37200	39000	---	---	---	---	---	---
MONTH	47500	34800	41200	47200	36800	40800	40300	25000	33100	44000	17200	28800
YEAR	51400	17200	37300									

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.0	7.7	8.2	7.6	8.0	7.3	8.3	8.0	8.3	8.0	7.9	7.7
2	8.0	7.7	8.4	7.6	8.0	7.6	8.2	8.0	8.3	8.0	7.9	7.6
3	8.0	7.6	8.3	7.6	8.0	7.6	8.2	7.9	8.3	8.0	7.8	7.6
4	8.0	7.6	8.3	7.6	8.0	7.6	8.2	7.8	8.3	8.0	7.7	7.5
5	8.0	7.6	8.0	7.6	8.0	7.6	8.1	7.8	8.2	8.1	---	---
6	8.0	7.5	8.1	7.7	8.1	7.6	8.1	7.8	---	---	---	---
7	8.0	7.5	8.0	7.6	8.1	7.7	8.0	7.8	---	---	7.7	7.6
8	8.0	7.6	8.0	7.7	8.2	7.7	8.0	7.8	8.2	7.9	7.6	7.5
9	7.9	7.6	8.0	7.5	8.2	7.6	8.1	7.8	8.3	7.9	7.6	7.2
10	7.9	7.7	8.0	7.5	8.1	7.6	8.1	7.8	8.3	7.9	7.5	7.4
11	7.9	7.7	8.0	7.5	8.1	7.6	8.1	7.8	8.3	8.0	---	---
12	7.9	7.6	8.1	7.6	8.1	7.6	8.0	7.7	8.3	8.1	7.6	7.4
13	7.9	7.7	8.1	7.6	8.2	7.7	8.0	7.6	---	---	7.7	7.5
14	7.9	7.8	8.1	7.8	8.3	7.9	8.0	7.7	---	---	7.8	7.5
15	7.9	7.8	8.1	7.7	8.3	7.8	8.0	7.7	---	---	8.0	7.7
16	7.9	7.8	8.0	7.6	8.4	7.8	8.0	7.6	8.0	7.9	7.9	7.6
17	7.9	7.7	8.2	7.5	8.5	8.0	8.0	7.7	8.5	7.8	8.0	7.6
18	7.9	7.7	8.1	7.4	8.6	8.1	7.9	7.6	8.4	8.2	8.0	7.6
19	7.9	7.7	8.0	7.4	8.6	8.4	8.1	7.5	8.4	8.2	7.9	7.6
20	7.8	7.5	8.2	7.5	8.6	8.3	---	---	8.4	8.2	7.7	7.5
21	8.2	7.5	8.1	7.5	8.5	8.1	8.6	7.8	---	---	7.7	7.5
22	8.1	7.6	8.0	7.5	8.5	7.9	8.5	8.1	---	---	7.7	7.5
23	7.9	7.7	8.1	7.6	8.5	7.9	---	---	8.4	7.9	8.2	7.5
24	8.1	7.7	8.0	7.4	8.4	7.9	---	---	8.1	7.8	8.3	7.9
25	8.1	7.7	8.0	7.4	8.3	7.9	---	---	8.1	7.8	8.2	7.9
26	8.1	7.6	8.0	7.3	8.2	7.8	8.3	8.0	7.9	7.7	8.2	7.9
27	8.1	7.5	7.9	7.2	8.3	7.8	---	---	7.9	7.6	8.2	7.9
28	8.2	7.6	7.9	7.3	8.3	7.7	---	---	7.9	7.6	8.2	8.0
29	8.3	7.6	7.9	7.2	8.4	8.1	8.4	8.0	---	---	8.2	7.9
30	7.9	7.4	7.8	7.0	8.3	8.1	8.3	8.0	---	---	8.1	7.9
31	8.0	7.4	---	---	8.3	8.0	8.3	8.1	---	---	8.1	7.8
MONTH	8.3	7.4	8.4	7.0	8.6	7.3	---	---	---	---	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.1	7.8	8.0	7.7	7.8	7.5	7.9	7.4	7.9	7.4	7.9	7.4
2	8.1	7.9	8.0	7.7	8.1	7.3	7.9	7.4	7.9	7.6	7.9	7.4
3	8.0	7.7	7.9	7.5	8.1	7.8	7.8	7.4	7.9	7.6	7.8	7.4
4	8.0	7.7	7.8	7.4	8.2	7.8	7.7	7.4	8.0	7.7	7.9	7.4
5	8.0	7.7	7.7	7.3	8.2	7.8	7.8	7.4	8.2	7.6	7.8	7.4
6	8.1	7.7	7.7	7.2	8.1	7.8	7.8	7.4	8.1	7.8	7.8	7.5
7	8.2	7.8	7.6	7.2	8.0	7.6	7.9	7.5	8.1	7.7	8.0	7.5
8	8.1	7.9	7.9	7.1	8.0	7.5	7.9	7.5	8.2	7.7	8.0	7.6
9	8.1	7.9	7.9	7.4	7.9	7.4	7.9	7.5	8.1	7.7	8.0	7.5
10	8.1	8.0	7.8	7.3	7.9	7.6	7.9	7.5	8.0	7.6	7.9	7.5
11	---	---	7.8	7.2	8.0	7.5	7.8	7.5	7.9	7.6	7.9	7.4
12	8.0	7.7	7.9	7.5	7.9	7.5	8.0	7.5	7.8	7.0	7.8	7.4
13	8.0	7.7	7.9	7.5	7.9	7.4	7.8	7.5	7.6	6.9	7.9	7.4
14	8.0	7.7	7.9	7.4	7.9	7.4	7.8	7.5	7.7	7.1	7.7	7.5
15	8.0	7.6	7.9	7.4	8.0	7.5	7.8	7.5	7.8	7.0	---	---
16	8.0	7.6	7.7	7.3	8.0	7.5	7.7	7.4	7.6	7.2	8.0	7.5
17	8.0	7.5	7.7	7.3	7.9	7.5	7.7	7.4	7.7	7.1	7.9	7.5
18	7.9	7.5	7.7	7.3	7.8	7.6	7.8	7.4	7.9	7.2	7.8	7.2
19	7.8	7.6	7.6	7.2	---	---	7.9	7.6	8.1	7.3	7.9	7.1
20	7.9	7.5	7.6	7.2	8.0	7.6	8.1	7.7	8.0	7.8	7.8	6.9
21	7.9	7.6	7.5	7.2	8.0	7.7	8.1	7.5	7.9	7.7	7.7	7.0
22	7.9	7.6	---	---	8.0	7.6	8.0	7.8	7.9	7.6	---	---
23	7.8	7.5	7.7	7.1	7.9	7.6	7.8	7.6	7.6	7.3	---	---
24	7.8	7.5	7.8	7.3	8.1	7.5	---	---	---	---	---	---
25	7.9	7.6	7.8	7.3	8.1	7.6	---	---	---	---	---	---
26	7.8	7.6	7.8	7.4	8.0	7.5	---	---	---	---	7.9	6.8
27	8.0	7.6	7.7	7.5	7.9	7.5	8.0	7.8	---	---	7.8	6.7
28	8.0	7.7	7.6	7.5	7.8	7.4	8.0	7.8	---	---	8.0	7.5
29	8.0	7.8	7.6	7.4	7.9	7.4	8.0	7.7	---	---	8.0	7.5
30	8.0	7.8	7.7	7.3	7.9	7.4	7.9	7.7	---	---	8.0	7.5
31	---	---	7.9	7.6	---	---	7.9	7.6	7.7	7.4	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
YEAR	8.6	6.7										

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	25.5	24.5	25.5	18.0	17.5	17.5	15.5	14.0	15.0	12.5	12.0	12.5
2	25.0	24.5	25.0	18.0	17.5	17.5	14.5	13.5	14.0	12.5	12.0	12.5
3	24.5	23.5	24.5	18.5	17.5	18.0	14.0	13.0	13.5	12.0	11.0	11.5
4	23.5	22.5	23.0	18.5	18.0	18.5	13.5	12.5	13.0	11.0	10.5	11.0
5	23.0	22.0	22.5	19.0	18.5	18.5	13.0	12.0	12.5	10.5	10.0	10.5
6	22.5	22.0	22.5	19.0	18.0	18.5	12.5	11.5	12.0	10.0	9.5	10.0
7	22.5	21.5	22.0	17.5	17.0	17.5	12.0	11.5	12.0	9.5	8.5	9.0
8	22.0	21.0	21.5	17.5	17.0	17.5	12.5	11.5	12.0	8.5	7.5	8.0
9	21.5	20.5	21.0	18.0	17.5	17.5	12.5	12.0	12.5	8.0	7.0	7.5
10	21.0	20.5	21.0	18.5	17.5	18.0	13.5	12.5	13.0	7.5	6.5	7.0
11	21.0	20.5	20.5	18.5	17.0	18.0	13.5	13.0	13.0	7.0	6.5	6.5
12	20.5	19.5	20.0	17.0	16.0	16.5	13.5	13.0	13.0	6.5	6.0	6.5
13	20.0	18.5	19.0	17.0	16.0	16.5	13.0	13.0	13.0	7.0	6.0	6.5
14	18.5	17.5	18.0	16.5	16.0	16.5	13.5	13.0	13.0	7.0	6.5	6.5
15	18.0	17.0	17.5	16.5	16.0	16.5	14.0	13.5	14.0	6.5	6.0	6.5
16	18.0	17.0	17.5	17.0	16.5	16.5	14.0	13.0	13.5	6.5	5.5	6.0
17	18.0	17.5	17.5	17.5	17.0	17.0	13.0	12.0	12.5	6.5	6.0	6.5
18	18.5	17.5	18.0	17.5	17.5	17.5	12.5	11.5	12.0	7.0	6.0	6.5
19	18.5	18.0	18.0	17.5	17.0	17.5	12.0	11.0	11.5	7.5	7.0	7.0
20	19.0	18.0	18.5	17.0	16.0	17.0	12.5	11.5	12.0	---	---	---
21	19.0	18.5	19.0	16.0	15.0	15.5	12.5	12.0	12.5	9.0	7.5	8.0
22	18.5	17.5	18.0	15.5	14.5	15.0	13.0	12.5	12.5	9.0	8.0	8.5
23	17.5	17.5	17.5	15.0	14.5	14.5	13.0	12.5	12.5	---	---	---
24	18.0	17.5	17.5	15.0	14.5	15.0	13.0	12.5	12.5	---	---	---
25	18.0	18.0	18.0	15.5	15.0	15.0	13.5	12.5	13.0	---	---	---
26	18.0	17.5	18.0	16.0	15.5	15.5	14.5	13.0	13.5	8.5	7.5	8.0
27	18.0	17.5	17.5	16.0	16.0	16.0	14.5	13.5	14.0	---	---	---
28	17.5	17.5	17.5	16.0	16.0	16.0	15.0	13.5	14.0	---	---	---
29	17.5	17.0	17.5	16.5	16.0	16.0	14.5	13.0	14.0	8.5	7.5	8.0
30	17.5	17.0	17.5	16.0	15.5	16.0	13.0	12.5	12.5	8.5	8.0	8.5
31	17.5	17.0	17.5	---	---	---	12.5	12.0	12.0	9.0	7.5	9.0
MONTH	25.5	17.0	19.5	19.0	14.5	17.0	15.5	11.0	13.0	12.5	5.5	8.5

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

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	26.0	24.5	25.5	28.5	27.0	28.0	31.0	30.0	30.5	27.5	26.5	27.0
2	26.5	25.0	25.5	28.5	27.0	27.5	31.5	30.0	31.0	27.0	26.0	26.5
3	27.0	25.0	26.0	28.0	27.0	27.5	31.0	30.0	30.5	27.0	26.0	26.5
4	25.5	24.5	25.0	27.0	26.5	27.0	30.5	29.5	30.0	27.0	26.5	26.5
5	25.5	24.5	25.0	27.0	26.0	26.5	30.0	29.5	30.0	26.5	26.0	26.5
6	26.0	24.5	25.0	27.0	26.5	26.5	30.0	29.5	30.0	26.5	25.5	26.0
7	26.5	25.0	25.5	27.0	26.5	27.0	30.0	29.5	30.0	26.0	25.0	25.5
8	27.0	25.5	26.0	27.5	26.0	27.0	30.0	29.0	29.5	25.0	24.0	24.5
9	27.5	26.0	26.5	27.5	25.5	27.0	30.0	29.5	29.5	24.5	23.5	24.0
10	27.0	25.5	26.0	28.0	26.0	27.0	30.0	29.5	29.5	25.0	24.0	24.5
11	26.0	25.0	25.5	---	---	---	30.0	29.0	29.5	26.0	24.5	25.0
12	26.0	25.0	25.5	28.0	27.5	28.0	30.0	29.0	29.5	26.0	25.0	25.5
13	26.0	25.0	25.5	28.5	27.5	28.0	29.5	29.0	29.5	26.5	25.5	26.0
14	26.5	25.5	26.0	28.5	27.5	28.0	29.5	29.0	29.0	26.0	26.0	26.0
15	26.5	25.5	26.0	29.5	28.0	28.5	29.5	29.0	29.0	---	---	---
16	27.5	26.0	26.5	30.0	28.5	29.0	29.5	28.5	29.0	26.5	26.0	26.5
17	27.5	26.0	26.5	30.5	29.0	29.5	30.0	29.0	29.0	26.5	26.0	26.0
18	27.5	26.5	27.0	30.5	29.0	29.5	30.5	29.0	29.5	26.5	25.5	26.0
19	---	---	---	30.5	29.5	30.0	30.5	28.5	29.5	26.5	26.0	26.0
20	28.5	25.5	27.5	30.5	29.5	30.0	30.5	29.0	29.5	26.5	26.0	26.0
21	29.0	27.5	28.0	30.5	29.5	30.0	30.0	29.5	29.5	27.0	26.0	26.5
22	29.5	27.5	28.5	30.0	29.5	29.5	29.5	29.0	29.5	27.5	26.0	26.5
23	30.0	28.0	29.0	29.5	29.0	29.5	29.0	28.5	29.0	---	---	---
24	30.0	28.5	29.0	29.5	29.0	29.0	29.0	28.5	29.0	---	---	---
25	29.5	28.5	29.0	29.5	29.0	29.5	29.5	28.5	29.0	---	---	---
26	30.0	28.5	29.5	30.5	29.0	29.5	29.5	28.5	29.0	27.0	26.5	27.0
27	29.5	28.0	29.0	30.5	29.5	29.5	29.0	28.5	29.0	26.5	26.0	26.0
28	29.0	27.5	28.0	30.5	29.5	30.0	29.0	28.0	28.5	26.0	25.5	26.0
29	29.0	27.5	28.0	31.0	29.5	30.0	28.0	27.5	28.0	26.0	25.5	26.0
30	28.5	27.5	28.0	31.0	30.0	30.0	28.0	27.5	28.0	26.5	25.5	26.0
31	---	---	---	31.0	30.0	30.5	28.0	27.5	28.0	---	---	---
MONTH	30.0	24.5	27.0	31.0	25.5	28.5	31.5	27.5	29.5	27.5	23.5	26.0
YEAR	31.5	5.5	20.0									

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	7.3	5.2	5.9	7.3	5.9	6.6	9.0	7.9	8.5	9.1	7.9	8.7
2	6.7	5.5	6.1	7.5	6.3	6.8	9.1	7.9	8.7	9.1	8.0	8.7
3	7.0	5.6	6.3	7.0	6.0	6.6	9.9	8.5	9.1	9.3	8.1	8.8
4	7.7	6.2	7.0	6.8	5.8	6.5	9.7	8.4	9.1	9.4	7.5	8.8
5	8.0	6.3	7.2	8.0	5.9	7.0	9.8	8.9	9.4	9.3	7.8	8.8
6	7.7	5.7	7.1	8.6	6.8	7.6	9.9	8.9	9.5	10.3	8.0	9.1
7	7.6	6.1	7.1	7.9	6.6	7.6	10.2	9.2	9.7	10.1	8.7	9.5
8	8.2	5.9	7.2	8.0	7.5	7.7	10.1	9.3	9.8	10.5	8.0	9.6
9	7.7	6.8	7.3	8.6	6.7	7.7	10.0	8.6	9.5	10.0	8.9	9.7
10	8.2	7.0	7.5	8.4	6.7	7.7	10.0	8.4	9.4	10.2	9.2	9.9
11	8.6	6.4	7.3	8.4	7.1	7.7	9.9	8.4	9.3	10.8	8.9	10.1
12	7.5	6.0	7.0	8.8	7.1	8.1	9.8	8.6	9.3	10.9	9.9	10.4
13	7.7	7.3	7.6	8.4	7.1	7.8	9.7	8.5	9.2	10.8	9.6	10.4
14	8.4	7.0	7.8	8.9	7.2	8.2	9.8	8.3	9.3	10.8	10.1	10.5
15	8.7	6.7	8.0	8.9	7.2	8.2	9.7	8.1	8.9	10.9	10.2	10.6
16	8.6	6.7	8.0	8.7	7.0	8.1	9.5	8.3	9.0	10.9	9.7	10.6
17	8.7	5.6	7.9	8.8	7.4	8.3	9.7	8.4	9.0	11.0	10.0	10.6
18	8.3	7.4	8.0	8.7	7.5	8.1	9.9	8.9	9.5	10.9	9.8	10.5
19	8.1	5.8	7.5	8.5	6.8	8.0	9.7	8.9	9.5	10.6	9.7	10.4
20	7.9	7.1	7.6	9.0	6.6	7.8	9.6	8.8	9.4	---	---	---
21	7.7	5.9	7.2	8.9	7.2	8.1	9.6	8.2	9.1	11.4	9.6	10.8
22	8.1	5.9	7.0	9.6	7.5	8.4	9.4	8.2	9.0	11.6	10.4	11.2
23	7.9	6.2	6.7	8.8	7.5	8.3	9.6	8.5	8.9	---	---	---
24	7.0	5.9	6.7	8.8	7.9	8.4	9.8	8.1	8.9	---	---	---
25	6.8	6.2	6.6	8.7	8.2	8.5	9.9	8.1	8.9	---	---	---
26	6.9	5.5	6.5	9.1	7.4	8.4	9.0	7.9	8.7	12.1	11.2	11.9
27	7.1	5.9	6.5	9.2	7.8	8.5	8.9	8.1	8.6	12.0	11.4	11.5
28	7.0	5.6	6.4	9.2	7.9	8.6	9.0	7.7	8.6	---	---	---
29	7.5	5.7	6.6	8.9	7.8	8.5	9.1	8.0	8.7	12.9	11.4	12.2
30	7.3	5.9	6.6	8.8	8.0	8.4	9.3	8.1	8.9	13.2	11.9	12.6
31	7.1	5.8	6.5	---	---	---	9.3	8.0	8.9	13.3	12.0	12.8
MONTH	8.7	5.2	7.1	9.6	5.8	7.9	10.2	7.7	9.1	13.3	7.5	10.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.2	12.1	12.6	12.2	10.8	11.2	9.3	7.6	8.6	8.0	6.9	7.5
2	13.5	12.0	12.9	11.9	9.6	11.2	9.6	7.9	8.7	8.0	6.7	7.4
3	13.3	12.2	12.8	11.4	9.6	11.0	8.7	7.6	8.3	8.1	6.7	7.4
4	13.3	12.0	12.7	10.6	9.8	10.1	8.6	7.4	8.1	7.8	6.7	7.5
5	13.4	11.9	12.2	---	---	---	9.1	6.9	7.9	7.7	6.7	7.3
6	---	---	---	---	---	---	8.7	6.5	7.5	7.7	6.5	7.2
7	---	---	---	10.9	9.3	9.8	9.7	7.4	8.3	7.7	6.7	7.4
8	13.0	11.4	12.3	10.6	9.1	9.7	9.0	7.3	8.2	7.9	6.6	7.3
9	13.4	11.7	12.6	10.0	8.4	9.3	8.8	8.3	8.4	7.7	6.4	7.1
10	13.0	11.5	12.7	10.9	8.6	9.3	---	---	---	7.5	6.4	7.0
11	13.1	11.6	12.7	---	---	---	---	---	---	7.2	6.3	6.8
12	13.3	11.8	12.7	10.9	8.7	9.5	8.5	7.6	8.4	7.3	5.9	6.8
13	---	---	---	9.6	8.8	9.2	9.7	7.4	8.3	6.9	6.1	6.7
14	---	---	---	10.0	8.7	9.3	8.6	7.3	7.8	6.7	5.7	6.3
15	---	---	---	9.7	8.9	9.5	8.1	7.1	7.6	6.8	5.1	6.1
16	13.1	12.2	12.4	9.7	8.9	9.4	7.9	6.8	7.4	6.9	5.1	6.1
17	13.3	11.9	12.5	9.8	9.0	9.5	7.8	6.6	7.2	6.7	5.5	6.2
18	13.2	11.7	12.5	9.7	8.9	9.4	7.7	6.4	7.2	6.7	5.0	6.1
19	12.5	11.6	12.1	9.5	8.7	9.2	7.5	6.7	7.2	6.8	5.2	6.2
20	11.9	11.1	11.6	9.7	8.5	9.3	8.6	6.3	7.3	6.9	4.1	6.0
21	---	---	---	9.9	8.6	9.5	7.6	6.8	7.3	6.3	5.3	5.9
22	---	---	---	10.2	8.9	9.6	8.1	6.7	7.4	---	---	---
23	12.3	11.1	11.6	10.4	9.0	9.8	8.2	6.9	7.4	7.4	5.6	6.2
24	12.8	10.8	11.7	10.3	9.0	9.9	7.8	6.8	7.2	8.1	6.0	7.1
25	12.8	10.6	11.9	10.4	8.9	9.9	7.9	6.5	7.3	8.8	6.6	7.5
26	12.9	11.2	11.9	10.3	9.0	9.8	7.9	6.2	7.2	8.3	6.2	7.3
27	12.8	11.1	11.9	10.8	8.9	9.8	7.7	6.5	7.0	8.0	6.4	7.3
28	12.7	11.1	11.8	10.2	8.8	9.7	7.8	6.7	7.2	7.9	5.7	7.1
29	---	---	---	9.8	8.1	9.1	8.3	6.8	7.5	8.6	5.0	7.0
30	---	---	---	9.5	7.4	8.6	8.1	7.2	7.7	8.3	4.9	7.0
31	---	---	---	9.3	7.0	8.5	---	---	---	8.7	5.3	7.3
MONTH	13.5	10.6	12.3	12.2	7.0	9.7	9.7	6.2	7.7	8.8	4.1	6.9

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, 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	8.4	5.2	6.9	5.6	3.2	4.8	7.0	5.1	5.8	---	---	---
2	7.7	5.5	6.9	5.5	3.9	4.7	6.7	4.6	5.5	6.6	4.7	5.6
3	7.3	6.1	6.9	5.0	3.6	4.4	7.1	4.8	5.7	6.6	4.1	5.1
4	8.0	6.4	7.3	4.9	3.3	4.2	6.7	5.5	6.1	6.8	4.3	5.6
5	8.5	6.3	7.3	5.0	3.4	4.4	8.0	5.5	6.6	6.4	5.3	5.8
6	8.0	5.9	6.8	5.8	3.8	5.0	8.5	5.9	6.9	---	---	---
7	6.9	5.1	6.0	6.3	4.4	5.3	8.3	5.7	6.7	7.8	5.0	5.9
8	5.8	3.2	4.9	6.9	4.3	5.3	8.5	5.7	6.5	7.2	5.3	6.1
9	6.8	3.3	4.9	6.3	4.2	5.3	8.4	5.7	6.5	7.0	5.2	6.1
10	5.9	4.1	5.3	5.9	4.1	5.0	7.9	6.3	7.0	6.2	4.7	5.6
11	5.6	3.9	4.8	5.0	3.6	4.4	7.4	6.6	7.0	6.4	4.4	5.3
12	5.4	3.7	4.7	7.6	4.1	5.3	7.7	6.8	7.1	6.5	4.7	5.5
13	5.6	3.5	4.4	7.2	5.1	5.9	8.0	7.1	7.3	7.3	4.4	5.6
14	6.4	3.4	5.0	7.0	5.0	5.7	7.3	6.6	6.8	---	---	---
15	6.8	4.4	5.8	6.7	5.0	5.7	7.5	6.5	6.9	---	---	---
16	7.1	4.8	6.1	7.0	4.2	5.9	7.5	5.5	6.5	6.6	5.3	6.2
17	8.3	5.2	6.5	7.8	5.1	6.2	7.4	6.0	6.9	7.2	4.9	5.9
18	7.6	6.3	7.2	7.9	5.5	6.7	7.7	7.0	7.5	6.6	5.6	6.2
19	---	---	---	7.9	5.8	6.9	7.9	6.9	7.5	6.9	5.0	6.1
20	8.5	6.7	7.6	8.4	5.4	7.5	8.0	6.3	7.2	7.2	4.6	5.5
21	8.0	5.9	7.4	8.7	5.4	7.2	8.6	5.8	7.5	7.4	4.7	5.9
22	7.8	5.3	6.6	9.4	4.4	7.5	7.3	5.5	6.5	6.4	4.2	6.0
23	7.6	4.9	6.1	7.9	6.1	7.5	7.8	4.8	6.2	5.2	4.4	5.2
24	6.6	4.8	5.6	9.7	7.0	8.5	6.7	4.9	5.9	---	---	---
25	7.2	4.4	5.6	9.0	7.4	8.1	7.0	4.6	5.5	---	---	---
26	6.1	4.1	5.1	8.4	6.7	7.5	6.7	4.3	5.3	5.9	4.4	4.9
27	5.0	3.7	4.4	8.2	4.8	6.5	6.5	3.5	5.1	7.8	3.8	5.8
28	4.8	3.3	4.0	8.5	4.1	6.9	6.2	3.9	5.5	7.2	5.3	6.2
29	5.7	3.1	4.3	8.1	4.2	6.3	7.8	5.0	6.6	6.2	4.0	5.2
30	5.6	3.7	4.7	7.6	3.4	6.0	7.7	4.9	6.8	6.0	4.5	5.3
31	---	---	---	7.4	3.7	5.6	7.8	4.5	6.3	---	---	---
MONTH	8.5	3.1	5.8	9.7	3.2	6.0	8.6	3.5	6.5	7.8	3.8	5.7
YEAR	13.5	3.1	7.8									

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

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 September 1988.

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 good, except those over 40 ft^3/s and estimated daily discharges: Mar. 10, and Sept. 9, which are poor.

AVERAGE DISCHARGE.--6 years (water years 1980-86), 24.9 ft^3/s, 10.84 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 172 ft^3/s, May 29, 1984, gage height, 4.65 ft; minimum, 14 ft^3/s, July 12-14, 1986, gage height, 1.70 ft, several days in June, July, Aug., 1988 at gage height 2.08 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Sept. 9, gage height, 3.26 ft; minimum, 14 ft^3/s, several days in June, July, Aug., gage height, 2.08 ft.

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	---	---	---	---	---	21	21	19	16	18	16	18
2	---	---	---	---	---	19	19	19	16	18	16	17
3	---	---	---	---	---	19	19	19	16	18	16	17
4	---	---	---	---	---	22	19	19	17	18	16	17
5	---	---	---	---	---	21	19	20	16	17	17	24
6	---	---	---	---	---	21	20	20	16	17	16	19
7	---	---	---	---	---	21	21	19	17	17	18	17
8	---	---	---	---	---	21	20	19	18	17	17	18
9	---	---	---	---	---	22	20	18	19	17	17	60
10	---	---	---	---	---	50	20	18	32	17	16	30
11	---	---	---	---	---	28	20	19	21	17	16	23
12	---	---	---	---	---	24	29	18	19	16	16	20
13	---	---	---	---	---	25	33	18	18	16	16	18
14	---	---	---	---	---	24	25	19	17	16	16	17
15	---	---	---	---	---	23	24	18	17	16	16	17
16	---	---	---	---	---	22	23	18	16	16	17	16
17	---	---	---	---	---	22	22	18	16	16	16	18
18	---	---	---	---	---	23	22	18	20	16	16	23
19	---	---	---	---	---	26	28	18	19	15	15	19
20	---	---	---	---	---	24	23	18	17	15	15	18
21	---	---	---	---	---	23	21	17	16	16	15	17
22	---	---	---	---	---	22	20	17	16	18	16	16
23	---	---	---	---	---	22	20	16	16	18	16	16
24	---	---	---	---	---	21	22	17	15	17	16	16
25	---	---	---	---	---	21	21	19	15	17	16	17
26	---	---	---	---	22	22	22	17	16	16	15	18
27	---	---	---	---	21	23	21	19	17	16	15	17
28	---	---	---	---	22	22	20	18	16	16	19	16
29	---	---	---	---	21	22	19	17	16	16	20	16
30	---	---	---	---	---	20	19	17	18	17	27	16
31	---	---	---	---	---	20	---	16	---	16	23	---
TOTAL	---	---	---	---	---	716	652	562	524	516	522	591
MEAN	---	---	---	---	---	23.1	21.7	18.1	17.5	16.6	16.8	19.7
MAX	---	---	---	---	---	50	33	20	32	18	27	60
MIN	---	---	---	---	---	19	19	16	15	15	15	16

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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--48 years (water years 1932-71, 1981 to current year), 772 ft^3/s, 14.56 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 recorded discharge, 905 ft^3/s, Jan. 24-25, gage height, 6.42 ft; minimum, 169 ft^3/s, July 22, 23, gage height, 2.75 ft; minimum daily discharge, 171 ft^3/s, July 22.

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	339	417	628	622	672	591	622	553	237	511	253	378
2	340	411	618	635	662	578	640	519	225	553	254	413
3	343	399	619	672	649	569	631	479	217	511	257	432
4	339	393	631	721	675	573	603	446	217	412	248	437
5	326	391	641	735	740	584	572	472	209	357	225	440
6	315	388	625	744	761	587	547	460	206	312	209	433
7	308	383	599	757	773	585	530	430	199	278	247	411
8	300	381	576	789	758	580	519	411	204	256	354	403
9	295	387	560	824	748	582	506	402	207	238	398	542
10	294	405	551	862	760	664	497	383	258	222	322	668
11	295	422	548	845	787	746	489	369	342	208	280	736
12	299	435	547	793	785	796	503	363	374	203	270	799
13	304	445	547	749	745	844	591	358	367	193	267	809
14	302	445	546	728	698	854	638	374	353	197	273	755
15	302	444	546	715	665	784	645	394	319	201	282	712
16	302	448	556	696	644	729	649	387	275	193	296	707
17	301	473	564	688	632	700	637	345	246	190	291	707
18	301	562	577	719	623	672	635	329	228	187	265	707
19	303	591	590	751	650	661	685	316	240	183	238	700
20	305	608	598	794	699	656	721	303	236	177	216	648
21	305	635	607	846	727	641	695	290	241	173	202	600
22	304	650	626	867	740	632	658	291	283	171	199	557
23	308	650	637	883	735	629	642	272	285	172	209	527
24	313	657	628	901	718	633	706	258	268	192	221	507
25	318	673	615	905	704	646	727	261	284	215	230	481
26	327	686	608	900	691	652	730	294	288	205	221	516
27	363	682	611	874	667	639	701	306	323	198	213	509
28	407	673	621	824	638	618	647	305	349	197	220	488
29	403	664	640	769	612	600	610	293	369	192	307	466
30	408	642	644	720	---	593	582	273	379	189	353	438
31	412	---	633	685	---	601	---	251	---	210	355	---
TOTAL	10081	15440	18537	24013	20358	20219	18558	11187	8228	7696	8175	16926
MEAN	325	515	598	775	702	652	619	361	274	248	264	564
MAX	412	686	644	905	787	854	730	553	379	553	398	809
MIN	294	381	546	622	612	569	489	251	199	171	199	378

CAL YR 1987 TOTAL 275697 MEAN 755 MAX 2600 MIN 226
WTR YR 1988 TOTAL 179418 MEAN 490 MAX 905 MIN 171

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.--No estimated daily discharges. Records good, except for period Sept. 21-30, which are poor. About 9.2 ft^3/s, diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--50 years, 780 ft^3/s, 15.51 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, 1,050 ft^3/s, Mar. 13, gage height 6.50 ft; minimum 222 ft^3/s, July 18, gage height, 1.68 ft; minimum daily, 225 ft^3/s, July 19.

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	367	425	717	552	632	567	568	489	323	298	293	549
2	364	416	678	571	617	550	583	464	309	307	293	528
3	364	409	648	624	610	539	592	441	302	298	302	480
4	367	405	626	683	644	550	580	436	305	292	292	437
5	369	400	606	708	690	569	554	462	299	281	280	421
6	365	396	581	707	703	565	528	467	291	274	275	419
7	354	395	557	704	687	556	514	453	282	262	274	408
8	346	391	535	736	672	548	507	440	274	253	279	402
9	341	390	518	769	659	547	493	425	283	248	276	572
10	339	420	513	789	664	695	485	418	379	243	269	674
11	338	428	514	781	699	860	477	411	438	237	260	688
12	336	424	507	744	737	991	514	399	433	234	261	738
13	335	425	502	710	732	1040	648	388	418	235	256	775
14	331	429	498	690	689	940	723	387	391	235	262	728
15	330	431	505	677	648	821	762	387	369	235	267	652
16	329	434	519	662	624	741	736	379	348	230	272	603
17	330	480	529	654	610	687	699	369	324	231	270	589
18	330	533	530	684	603	656	661	367	304	227	265	613
19	331	575	539	723	646	648	697	365	302	225	253	618
20	336	595	545	796	706	644	706	358	297	229	242	617
21	334	598	547	854	751	632	683	349	295	229	233	589
22	330	614	560	861	748	619	642	338	287	253	232	563
23	332	612	567	851	729	612	626	336	282	252	239	528
24	332	606	558	835	697	610	643	332	285	259	248	491
25	334	603	550	826	667	616	628	334	285	262	248	470
26	339	620	546	823	651	622	615	338	279	273	249	479
27	412	676	546	824	636	615	596	350	276	284	259	475
28	424	763	554	802	611	595	566	363	297	291	322	458
29	436	799	575	745	587	573	540	361	296	289	439	443
30	430	765	583	691	---	562	515	346	291	286	480	431
31	427	---	565	655	---	561	---	335	---	287	546	---
TOTAL	11032	15457	17318	22731	19349	20331	18081	12087	9544	8039	8936	16438
MEAN	356	515	559	733	667	656	603	390	318	259	288	548
MAX	436	799	717	861	751	1040	762	489	438	307	546	775
MIN	329	390	498	552	587	539	477	332	274	225	232	402

CAL YR 1987 TOTAL 246485 MEAN 675 MAX 2370 MIN 303
WTR YR 1988 TOTAL 179343 MEAN 490 MAX 1040 MIN 225

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 185009 MEAN 507 MAX 1310 MIN 200

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.--43 years, 1,972 ft^3/s, 15.57 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, 2,150 ft^3/s, Mar. 17, gage height, 5.62 ft; minimum, 351 ft^3/s, July 22, 23, gage height 0.45 ft; minimum daily 356 ft^3/s, July 22.

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	795	850	1440	1210	1840	1510	1260	1430	642	650	464	912
2	799	847	1470	1230	1730	1440	1230	1280	617	664	475	921
3	792	845	1470	1260	1620	1370	1210	1160	591	693	507	926
4	779	845	1430	1320	1560	1320	1220	1080	570	727	525	936
5	770	842	1370	1370	1530	1300	1250	1050	559	741	535	957
6	769	833	1310	1430	1540	1290	1260	1050	552	704	524	962
7	765	822	1270	1490	1590	1290	1240	1030	535	641	502	917
8	751	815	1240	1560	1630	1280	1180	1000	521	592	489	871
9	736	807	1220	1590	1650	1290	1120	953	524	550	500	932
10	723	803	1190	1630	1650	1340	1080	909	529	515	546	1190
11	711	811	1160	1680	1650	1360	1040	879	578	488	576	1450
12	707	839	1120	1730	1630	1440	1040	857	659	461	575	1720
13	702	858	1100	1780	1630	1620	1100	835	730	442	550	1870
14	700	863	1090	1820	1650	1830	1180	818	756	427	522	1810
15	698	866	1070	1820	1680	2010	1270	804	755	417	509	1750
16	696	867	1070	1770	1690	2120	1360	797	735	414	520	1750
17	692	876	1080	1700	1630	2140	1420	790	701	411	524	1740
18	690	919	1080	1650	1550	2030	1450	790	660	395	529	1670
19	686	973	1080	1610	1510	1860	1540	768	642	382	522	1600
20	685	1030	1080	1610	1530	1710	1640	746	589	373	495	1590
21	691	1060	1090	1650	1590	1610	1730	725	576	365	458	1570
22	693	1090	1110	1710	1690	1540	1810	706	566	356	427	1520
23	691	1120	1140	1810	1750	1490	1780	690	561	408	401	1440
24	690	1140	1160	1910	1770	1440	1740	681	573	444	425	1330
25	690	1170	1180	1970	1760	1390	1720	666	579	425	445	1220
26	692	1200	1200	1980	1730	1360	1770	649	601	430	441	1150
27	724	1230	1200	1980	1680	1350	1800	643	598	457	456	1100
28	768	1270	1200	1990	1610	1350	1780	655	584	466	501	1070
29	814	1320	1190	1990	1560	1360	1700	671	597	466	625	1050
30	837	1380	1190	1970	---	1350	1570	678	626	474	787	1020
31	848	---	1190	1920	---	1310	---	665	---	478	859	---
TOTAL	22784	29191	37190	52140	47630	47100	42490	26455	18306	15456	16214	38944
MEAN	735	973	1200	1682	1642	1519	1416	853	610	499	523	1298
MAX	848	1380	1470	1990	1840	2140	1810	1430	756	741	859	1870
MIN	685	803	1070	1210	1510	1280	1040	643	521	356	401	871

CAL YR 1987 TOTAL 627246 MEAN 1718 MAX 5870 MIN 635
WTR YR 1988 TOTAL 393900 MEAN 1076 MAX 2140 MIN 356

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, Jan. 19-27 and Aug. 31 to Sept. 8, which are poor. About 102 ft^3/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--49 years, 2,603 ft^3/s, 12.95 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, 3,150 ft^3/s, Sept. 18, gage height, 7.78 ft; minimum, 267 ft^3/s, July 20-23, gage height 1.06 ft; minimum daily discharge, 268 ft^3/s, July 21.

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	1090	706	1390	1210	2340	2290	1650	2490	570	438	310	640
2	1020	702	1430	1210	2320	2210	1590	2350	547	452	309	660
3	940	698	1440	1280	2280	2140	1530	2160	524	461	310	670
4	872	701	1480	1440	2210	2070	1480	1920	505	474	321	680
5	807	689	1500	1520	2130	2030	1440	1730	481	494	337	685
6	767	683	1480	1540	2030	1980	1430	1590	464	503	343	660
7	743	669	1430	1580	1950	1900	1430	1470	453	493	360	630
8	710	643	1370	1660	1910	1840	1420	1360	441	458	343	595
9	684	648	1320	1770	1920	1820	1380	1240	436	421	343	968
10	664	638	1280	1850	1930	2020	1300	1130	448	391	327	1790
11	647	659	1280	1910	1950	2300	1220	1040	443	365	344	2340
12	628	678	1260	1960	1970	2420	1170	953	452	350	367	2500
13	611	703	1220	2000	1980	2470	1260	895	485	336	384	2560
14	598	712	1170	2040	1980	2490	1420	854	524	322	374	2620
15	585	715	1150	2090	1980	2540	1490	822	550	308	371	2680
16	576	724	1140	2140	2000	2610	1560	789	563	296	351	2840
17	575	741	1130	2180	2030	2670	1610	845	550	293	348	3070
18	572	776	1110	2210	2050	2710	1640	914	527	298	348	3120
19	565	814	1100	2280	2100	2760	1770	905	493	285	348	3000
20	559	869	1100	2300	2270	2760	2090	838	474	272	345	2890
21	557	912	1090	2310	2510	2680	2300	790	450	268	330	2740
22	551	944	1090	2330	2640	2530	2380	735	423	269	321	2530
23	548	977	1110	2340	2650	2390	2450	679	413	274	304	2320
24	549	1000	1130	2350	2590	2250	2540	644	406	280	285	2110
25	556	1050	1150	2360	2550	2130	2640	693	409	300	283	1920
26	559	1150	1170	2370	2520	2020	2700	732	419	294	291	1830
27	595	1290	1190	2380	2480	1930	2710	664	440	290	295	1780
28	618	1320	1200	2380	2420	1840	2680	632	435	299	313	1700
29	649	1320	1210	2390	2360	1770	2630	614	426	307	349	1610
30	680	1350	1220	2380	---	1720	2580	602	422	310	407	1490
31	699	---	1210	2370	---	1690	---	590	---	314	600	---
TOTAL	20774	25481	38550	62130	64050	68980	55490	33670	14173	10915	10661	55628
MEAN	670	849	1244	2004	2209	2225	1850	1086	472	352	344	1854
MAX	1090	1350	1500	2390	2650	2760	2710	2490	570	503	600	3120
MIN	548	638	1090	1210	1910	1690	1170	590	406	268	283	595

CAL YR 1987 TOTAL 867943 MEAN 2378 MAX 10100 MIN 548
WTR YR 1988 TOTAL 460502 MEAN 1258 MAX 3120 MIN 268

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	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)
DEC												
03...	1200	1510	81	6.60	11.0	2.2	760	9.7	88	K130	770	18
JAN												
27...	1000	2470	75	6.80	6.5	2.4	775	10.7	86	K78	350	20
MAR												
16...	1500	2700	80	6.80	13.0	3.3	763	8.6	81	140	420	23
MAY												
26...	1830	740	75	6.60	24.5	3.0	762	7.6	91	320	K120	16
JUL												
21...	1100	270	140	7.60	32.0	1.4	764	7.2	98	1100	3700	13
SEP												
27...	1830	1830	95	6.60	23.0	3.0	764	6.0	70	260	220	25

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)
DEC												
03...	8	5.3	1.1	8.8	49	0.9	1.7	10	19	11	0.10	9.1
JAN												
27...	8	6.0	1.2	6.6	40	0.7	1.4	12	15	10	0.10	7.0
MAR												
16...	6	7.2	1.3	7.0	38	0.7	1.6	17	11	10	0.10	3.6
MAY												
26...	1	4.8	0.91	8.8	52	1	1.3	15	15	9.5	0.30	4.9
JUL												
21...	0	3.9	0.77	23	77	3	1.4	20	24	14	0.20	4.8
SEP												
27...	9	8.0	1.3	7.6	37	0.7	2.0	16	14	9.8	0.10	9.4

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)
DEC												
03...	74	63	0.10	302	<0.100	0.030	0.04	0.50	0.060	0.040	0.020	0.06
JAN												
27...	67	55	0.09	447	<0.100	0.010	0.01	0.50	0.040	0.030	<0.010	--
MAR												
16...	71	52	0.10	518	<0.100	0.040	0.05	0.60	0.060	0.050	0.010	0.03
MAY												
26...	57	57	0.08	114	0.320	0.040	0.05	0.30	0.080	0.060	0.020	0.06
JUL												
21...	79	86	0.11	57.6	0.310	0.040	0.05	0.30	0.080	0.080	0.060	0.18
SEP												
27...	98	63	0.13	484	0.140	0.080	0.10	0.80	0.110	0.070	0.030	0.09

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--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)
DEC												
03...	160	<1	43	<0.5	<1	5	<3	2	380	<5	<4	25
JAN												
27...	170	<1	35	<0.5	<1	<1	<3	1	260	<5	<4	13
MAR												
16...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
26...	110	1	56	<0.5	<1	1	3	2	410	<5	<4	23
JUL												
21...	40	2	42	<0.5	1	<1	<3	2	260	<5	6	30
SEP												
27...	--	--	--	--	--	--	--	--	--	--	--	--

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
DEC											
03...	<0.1	<10	<1	<1	<1.0	19	<6	22	3	12	100
JAN											
27...	<0.1	<10	1	<1	<1.0	19	<6	13	5	33	95
MAR											
16...	--	--	--	--	--	--	--	--	3	22	100
MAY											
26...	0.1	<10	4	<1	<1.0	20	<6	23	4	8.0	96
JUL											
21...	0.6	<10	5	<1	<1.0	18	<6	13	2	1.5	100
SEP											
27...	--	--	--	--	--	--	--	--	3	15	98

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.--37 years, 339 ft^3/s, 13.50 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, 1070 ft^3/s, Sept. 12, 13, gage height, 4.19 ft; minimum, 27 ft^3/s, July 21, 22, gage height 1.00 ft.

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	123	188	256	230	231	198	156	271	52	242	56	306
2	120	183	260	248	228	194	151	188	45	316	57	313
3	124	170	258	294	225	196	147	145	41	257	51	313
4	124	160	249	342	222	233	145	133	39	155	46	330
5	118	156	232	350	216	252	144	161	40	132	45	375
6	111	153	219	356	214	261	140	154	40	110	43	393
7	105	152	210	373	218	269	162	148	37	88	44	378
8	101	151	205	414	222	269	168	137	42	73	45	325
9	97	153	200	406	216	330	162	119	52	61	53	404
10	97	159	200	381	211	421	157	105	85	54	76	507
11	100	160	202	355	206	383	151	104	86	51	87	663
12	103	162	199	334	202	348	148	97	99	55	86	978
13	105	163	198	318	200	335	199	94	108	53	76	1010
14	105	171	197	309	204	324	217	100	99	48	69	816
15	105	186	204	302	210	320	217	98	83	43	65	644
16	104	199	223	298	210	315	227	96	66	39	62	517
17	102	209	223	290	210	276	229	113	54	37	63	465
18	102	234	222	294	258	229	209	153	48	35	60	482
19	102	237	222	301	316	221	251	151	47	30	53	444
20	103	245	221	304	362	217	301	132	42	29	43	399
21	103	266	219	310	374	212	310	107	36	29	38	363
22	101	292	225	312	397	210	331	91	35	29	58	339
23	98	315	230	314	405	207	371	81	32	36	64	300
24	100	318	234	311	390	201	414	76	32	48	65	242
25	104	301	238	309	346	193	399	92	39	58	76	200
26	108	275	245	300	285	187	391	150	76	59	75	224
27	137	259	248	277	239	182	375	132	135	55	87	212
28	150	254	246	254	217	178	379	91	112	49	144	218
29	156	253	244	248	206	174	378	77	120	42	263	240
30	164	255	232	243	---	168	343	68	161	39	319	253
31	180	---	227	235	---	162	---	58	---	52	321	---
TOTAL	3552	6379	6988	9612	7440	7665	7372	3722	1983	2404	2690	12653
MEAN	115	213	225	310	257	247	246	120	66.1	77.5	86.8	422
MAX	180	318	260	414	405	421	414	271	161	316	321	1010
MIN	97	151	197	230	200	162	140	58	32	29	38	200

CAL YR 1987 TOTAL 108024 MEAN 296 MAX 1690 MIN 49
WTR YR 1988 TOTAL 72460 MEAN 198 MAX 1010 MIN 29

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.--37 years, 181 ft^3/s, 12.11 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, 1200 ft^3/s, Sept. 10, gage height, 4.85 ft; no flow, July 17-20.

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	31	7.7	27	28	44	56	42	123	4.9	16	1.7	594
2	23	7.1	24	37	44	52	40	96	3.3	9.3	1.1	355
3	18	6.2	20	72	44	50	36	72	2.3	7.4	.93	253
4	12	5.9	20	121	55	83	34	56	1.7	6.2	4.9	194
5	7.9	5.8	19	136	69	129	37	61	1.2	4.4	29	342
6	5.8	5.5	15	119	70	149	34	84	1.0	3.1	66	506
7	5.0	4.9	14	93	59	136	47	76	.85	2.4	32	452
8	4.3	4.9	13	99	50	108	65	58	.77	1.8	23	350
9	3.6	5.0	14	101	44	130	51	41	1.4	1.3	30	591
10	2.9	5.2	17	103	40	283	39	30	44	.85	57	1140
11	2.6	5.8	22	98	38	389	30	38	69	.56	54	1030
12	2.7	6.3	22	87	41	366	33	32	88	.52	48	780
13	2.7	6.2	22	75	43	280	52	69	57	.42	24	532
14	2.6	7.2	21	62	37	196	66	111	30	.40	15	367
15	2.6	7.8	24	53	37	148	65	97	16	.24	13	266
16	2.4	7.7	31	49	45	121	51	80	8.5	.08	19	203
17	2.5	8.8	31	48	40	105	34	136	5.3	.00	15	182
18	2.7	14	33	59	41	97	26	217	4.8	.00	9.9	398
19	2.8	18	33	73	95	103	113	226	4.5	.00	6.5	864
20	3.0	21	29	93	197	109	254	165	2.5	.00	4.2	759
21	3.3	26	29	104	305	109	276	110	1.8	.02	2.8	528
22	3.2	23	30	103	289	100	190	68	1.5	.14	2.5	372
23	3.1	20	31	95	211	91	123	45	1.0	.96	25	273
24	2.9	18	33	74	149	83	210	39	.71	11	70	207
25	2.9	18	37	64	112	76	302	45	.55	27	49	174
26	3.0	18	37	66	92	74	372	41	.67	21	26	232
27	4.8	19	33	61	78	71	411	44	2.3	11	14	425
28	5.2	23	32	57	68	64	344	27	3.8	8.2	41	515
29	5.6	25	36	52	60	58	254	17	9.3	4.8	122	419
30	6.4	26	31	49	---	53	171	11	18	3.3	248	313
31	7.4	---	28	46	---	46	---	7.6	---	2.5	733	---
TOTAL	187.9	377.0	808	2377	2497	3915	3802	2322.6	386.65	144.89	1787.53	13616
MEAN	6.06	12.6	26.1	76.7	86.1	126	127	74.9	12.9	4.67	57.7	454
MAX	31	26	37	136	305	389	411	226	88	27	733	1140
MIN	2.4	4.9	13	28	37	46	26	7.6	.55	.00	.93	174

CAL YR 1987 TOTAL 72318.93 MEAN 198 MAX 1960 MIN .43
WTR YR 1988 TOTAL 32221.57 MEAN 88.0 MAX 1140 MIN .00

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.--49 years (water years 1940-88), 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 discharge greater than base discharge of 3,400 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Jan. 20	0930	* 4,920	*4.85	No other peak greater than base discharge.			

Minimum discharge, 123 ft^3/s, Sept. 2, 3, gage height, 0.90 ft.

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	290	162	277	460	510	363	350	411	242	310	185	139
2	220	159	258	485	566	356	395	401	237	207	200	127
3	206	159	242	444	739	354	445	391	228	233	182	131
4	192	159	233	469	895	390	1480	405	223	386	211	307
5	195	159	227	431	795	399	881	445	221	358	318	355
6	191	155	218	395	656	365	684	393	215	273	313	219
7	190	148	221	378	587	353	608	377	210	217	280	172
8	184	152	212	428	562	342	543	365	205	195	260	153
9	182	152	226	459	534	396	504	359	200	181	216	152
10	212	382	379	392	512	464	476	384	196	182	206	167
11	195	366	360	388	492	424	472	370	191	215	186	162
12	178	221	284	407	483	385	1490	346	188	269	336	156
13	178	191	258	378	452	492	1090	336	183	226	243	155
14	176	178	249	392	446	449	830	337	180	221	197	144
15	172	171	998	336	491	403	718	361	177	191	178	136
16	170	169	845	319	563	384	649	376	177	183	166	134
17	168	823	532	442	476	373	600	338	188	265	159	246
18	166	734	437	1050	455	374	605	317	225	254	153	447
19	166	414	389	1270	463	412	639	306	236	222	145	249
20	164	341	375	3110	485	373	579	300	318	190	232	207
21	170	288	388	1620	446	361	542	294	247	189	235	187
22	166	260	354	1120	423	350	519	289	205	305	200	166
23	162	244	325	909	420	342	502	286	187	392	170	152
24	163	234	322	793	411	341	527	315	181	319	163	149
25	162	227	481	736	394	378	481	342	206	227	154	160
26	162	227	490	665	383	534	468	291	295	202	142	147
27	182	265	486	603	380	410	456	273	200	235	135	138
28	203	300	703	570	376	374	434	267	178	240	131	133
29	178	376	663	548	367	361	423	261	169	270	132	129
30	166	314	524	527	---	355	414	252	178	223	132	128
31	162	---	464	512	---	353	---	245	---	209	136	---
TOTAL	5671	8130	12420	21036	14762	12010	18804	10433	6286	7589	6096	5447
MEAN	183	271	401	679	509	387	627	337	210	245	197	182
MAX	290	823	998	3110	895	534	1490	445	318	392	336	447
MIN	162	148	212	319	367	341	350	245	169	181	131	127

CAL YR 1987 TOTAL 188299 MEAN 516 MAX 3440 MIN 141
WTR YR 1988 TOTAL 128684 MEAN 352 MAX 3110 MIN 127

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.--Records good, except estimated daily discharges: May 12-19, which are fair.

AVERAGE DISCHARGE.--21 years, 175 ft^3/s, 33.01 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)
Jan. 20	0745	*1660	*4.08				

Minimum discharge, 27 ft^3/s, June 30, July 21, gage height, 0.94 ft, July 21; minimum daily, 31 ft^3/s, June 29, July 20, 21.

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	69	61	85	136	123	87	98	92	54	56	39	31
2	66	60	80	208	140	87	101	91	52	42	42	26
3	63	60	76	203	156	87	129	90	50	51	39	27
4	61	61	74	208	229	90	255	98	49	63	36	117
5	62	60	72	193	182	88	169	107	49	66	139	71
6	63	57	75	135	152	87	144	92	46	54	95	52
7	63	58	82	216	140	87	129	90	45	46	116	44
8	59	59	86	429	134	85	120	88	43	41	74	39
9	59	64	91	307	129	101	114	87	41	40	59	40
10	60	159	139	115	125	113	109	89	39	41	52	43
11	60	103	116	113	122	108	108	92	37	41	57	43
12	59	90	97	113	120	103	354	87	37	50	74	41
13	61	85	87	127	115	121	210	85	36	47	54	42
14	59	83	84	135	111	109	165	83	34	49	46	38
15	59	81	265	122	111	103	146	81	33	44	42	36
16	59	79	178	117	110	101	134	79	32	40	38	37
17	58	148	132	167	100	100	128	76	33	43	36	78
18	57	125	116	321	98	103	130	74	37	38	33	84
19	57	97	106	463	101	110	140	72	38	34	31	61
20	57	90	102	921	101	102	124	69	46	31	53	56
21	57	79	102	338	96	100	117	68	41	31	48	52
22	55	75	101	266	92	97	113	66	36	55	41	46
23	56	72	92	227	92	96	112	66	35	85	38	43
24	58	71	97	200	91	96	117	66	38	60	39	42
25	58	70	147	174	90	105	106	69	38	47	36	43
26	59	73	127	159	90	126	104	63	49	40	30	41
27	63	89	131	150	90	106	104	61	38	40	28	40
28	63	100	237	146	88	100	97	60	35	54	27	38
29	61	111	180	133	87	99	95	59	31	61	27	36
30	61	94	141	126	---	97	93	57	44	47	25	36
31	61	---	126	124	---	97	---	55	---	45	29	---
TOTAL	1863	2514	3624	6792	3415	3091	4065	2412	1216	1482	1523	1423
MEAN	60.1	83.8	117	219	118	99.7	135	77.8	40.5	47.8	49.1	47.4
MAX	69	159	265	921	229	126	354	107	54	85	139	117
MIN	55	57	72	113	87	85	93	55	31	31	25	26

CAL YR 1987 TOTAL 53095 MEAN 145 MAX 1470 MIN 47
WTR YR 1988 TOTAL 33420 MEAN 91.3 MAX 921 MIN 25

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, 653.27 ft, Apr. 25; minimum, 647.12 ft, Sept. 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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	653.03	650.10	650.47	650.35	652.08	652.49	651.92	653.10	651.84	650.02	649.47	648.00
2	652.88	649.88	650.34	650.49	652.19	652.40	651.97	653.01	651.77	650.03	649.38	647.87
3	652.91	650.03	650.22	650.59	652.15	652.34	652.06	652.99	651.63	650.09	649.24	647.97
4	652.91	650.03	650.10	650.52	652.26	652.27	652.28	652.95	651.63	650.09	649.13	648.14
5	652.71	649.88	650.13	650.34	652.30	652.33	652.24	652.86	651.63	650.03	649.19	648.08
6	652.43	649.73	650.16	650.21	652.34	652.40	652.20	652.76	651.49	649.92	649.26	648.02
7	652.11	649.80	650.21	650.23	652.41	652.27	652.09	652.82	651.35	649.88	649.29	647.91
8	651.94	649.83	650.09	650.11	652.38	652.20	651.99	652.83	651.27	649.84	649.31	647.67
9	651.68	649.56	650.01	650.11	652.42	652.22	652.04	652.79	651.11	649.88	649.28	647.54
10	651.65	649.61	649.93	650.18	652.40	652.19	652.09	652.77	650.94	649.90	649.13	647.55
11	651.67	649.81	649.78	650.00	652.37	652.14	652.09	652.74	650.96	649.83	649.01	647.60
12	651.57	649.60	649.82	650.06	652.30	652.20	652.63	652.67	650.95	649.76	648.95	647.77
13	651.28	649.55	649.86	649.87	652.49	652.31	652.82	652.62	650.85	649.65	648.99	647.78
14	651.05	649.61	649.78	649.84	652.55	652.25	652.85	652.71	650.71	649.67	649.00	647.74
15	650.89	649.66	649.87	649.65	652.54	652.15	652.85	652.72	650.60	649.77	648.94	647.62
16	650.68	649.45	650.01	649.90	652.48	652.04	652.94	652.65	650.52	649.80	648.83	647.62
17	650.70	649.58	650.08	650.11	652.52	651.96	653.01	652.57	650.48	649.82	648.92	647.86
18	650.74	649.77	650.10	650.21	652.52	651.95	653.15	652.49	650.54	649.70	648.92	647.95
19	650.56	650.13	650.14	650.44	652.46	652.00	653.19	652.37	650.61	649.64	648.80	647.85
20	650.39	650.05	650.18	651.20	652.54	652.05	653.19	652.28	650.44	649.59	648.84	647.76
21	650.20	650.09	650.05	651.51	652.58	652.01	653.15	652.31	650.37	649.64	648.89	647.66
22	650.01	650.12	649.94	651.39	652.54	652.04	653.10	652.34	650.39	649.55	648.83	647.54
23	649.84	650.17	649.92	651.52	652.51	651.91	653.19	652.31	650.37	649.65	648.71	647.42
24	649.87	650.28	649.77	651.67	652.48	651.76	653.26	652.25	650.34	649.69	648.66	647.55
25	649.90	650.33	649.78	651.63	652.49	651.80	653.23	652.20	650.37	649.60	648.53	647.59
26	649.74	650.31	649.87	651.59	652.51	651.85	653.20	652.12	650.41	649.51	648.44	647.44
27	649.78	650.29	650.03	651.71	652.59	651.96	653.11	652.07	650.29	649.43	648.44	647.40
28	650.01	650.33	650.31	651.80	652.63	652.00	653.05	652.09	650.24	649.31	648.43	647.36
29	650.05	650.38	650.24	651.92	652.57	651.99	653.01	652.11	650.19	649.38	648.34	647.26
30	650.01	650.46	650.26	651.99	---	651.99	653.06	652.03	650.13	649.40	648.26	647.13
31	650.05	---	650.28	652.09	---	651.98	---	651.89	---	649.41	648.16	---
MAX	653.03	650.46	650.47	652.09	652.63	652.49	653.26	653.10	651.84	650.09	649.47	648.14
MIN	649.74	649.45	649.77	649.65	652.08	651.76	651.92	651.89	650.13	649.31	648.16	647.13
[+]	39.52	40.36	40.20	43.73	44.74	43.50	45.78	43.31	39.69	38.24	35.78	33.79
[*]	-2494	324	-138	1396	403	-463	880	-922	-1397	-541	-918	-768

CAL YR 1987 * -155 MAX 662.62 MIN 649.45
WTR YR 1988 * -392 MAX 653.26 MIN 647.13

[+] 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 September 1988. 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 CURRENT YEAR.--Maximum elevation, 483.81 ft, Jan. 22; minimum, 475.01 ft, Apr. 1.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	483.71	475.27	475.24	475.23	481.11	475.24	478.51	475.24	480.45	475.18	481.49	475.27
2	482.17	475.27	481.02	475.24	478.24	475.24	475.26	475.24	478.13	475.18	481.67	475.26
3	475.28	475.26	480.70	475.24	480.96	475.24	480.41	475.24	480.77	475.18	481.20	475.26
4	475.28	475.27	481.11	475.24	478.13	475.23	483.65	475.25	480.36	475.19	481.39	475.27
5	483.24	475.26	480.88	475.24	475.41	475.24	483.67	475.25	480.37	475.18	475.27	475.26
6	481.29	475.27	481.06	475.25	475.25	475.24	483.64	475.25	480.76	475.19	475.27	475.26
7	481.37	475.27	475.28	475.24	480.17	475.24	483.77	475.24	475.19	475.18	483.64	475.26
8	481.41	475.27	475.24	475.23	480.20	475.24	483.66	475.25	480.82	475.18	481.21	475.26
9	481.19	475.26	483.79	475.24	480.22	475.23	481.66	475.25	480.84	475.18	481.47	475.26
10	481.71	475.26	481.98	475.24	480.22	475.24	475.25	475.25	480.80	475.18	481.49	475.27
11	475.27	475.25	481.95	475.24	480.50	475.24	483.72	475.25	480.82	475.17	481.42	475.26
12	483.78	475.25	483.80	475.25	475.29	475.24	483.69	475.25	480.84	475.18	475.28	475.26
13	483.79	475.25	478.69	475.24	475.24	475.24	483.76	475.25	475.61	475.18	475.28	475.26
14	483.62	475.24	475.25	475.24	480.73	475.23	483.74	475.25	475.27	475.26	480.42	475.26
15	482.57	475.24	475.24	475.23	478.17	475.24	483.58	475.25	481.86	475.27	480.66	475.27
16	482.60	475.25	481.77	475.24	481.73	475.22	479.14	475.25	482.23	475.26	482.52	475.26
17	475.30	475.24	478.39	475.23	483.68	475.24	475.27	475.24	480.70	475.26	482.56	475.26
18	475.25	475.24	478.60	475.23	483.66	475.24	479.17	475.25	480.17	475.26	480.82	475.27
19	480.72	475.24	478.12	475.23	475.37	475.24	478.36	475.25	480.74	475.26	475.27	475.26
20	480.92	475.25	478.33	475.23	475.25	475.24	478.47	475.25	475.59	475.27	475.27	475.25
21	480.98	475.25	475.27	475.23	481.05	475.24	478.40	475.26	475.29	475.28	480.80	475.17
22	480.92	475.24	475.24	475.23	480.96	475.24	483.81	475.25	483.69	475.28	480.46	475.18
23	480.94	475.24	478.21	475.23	480.78	475.24	475.27	475.25	480.33	475.27	482.08	475.18
24	475.29	475.24	478.49	475.24	480.96	475.25	475.26	475.25	480.78	475.27	480.43	475.18
25	475.24	475.24	478.32	475.24	478.19	475.24	480.78	475.26	480.77	475.27	480.38	475.18
26	482.15	475.24	478.47	475.24	475.25	475.24	481.32	475.26	480.75	475.27	475.20	475.18
27	482.10	475.24	478.13	475.24	475.25	475.24	483.47	475.26	475.29	475.27	475.19	475.18
28	482.14	475.24	475.24	475.23	480.94	475.25	482.91	475.26	475.28	475.27	480.35	475.17
29	480.17	475.25	475.24	475.23	480.93	475.24	481.35	475.26	481.44	475.27	478.39	475.18
30	480.01	475.24	480.99	475.24	480.84	475.22	475.27	475.26	---	---	478.38	475.18
31	475.25	475.24	---	---	478.24	475.24	475.27	475.26	---	---	478.36	475.18
MONTH	483.79	475.24	483.80	475.23	483.68	475.22	483.81	475.24	483.69	475.17	483.64	475.17

02187251 HARTWELL LAKE TAILRACE NEAR HARTWELL, GA--Continued

ELEVATION (FEET NGVD), 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	480.32	475.01	475.26	475.25	482.41	475.26	480.10	475.25	480.45	475.26	480.49	475.25
2	475.26	475.25	481.80	475.18	480.28	475.26	475.26	475.25	480.24	475.26	480.07	475.26
3	475.26	475.25	480.16	475.09	482.10	475.26	475.27	475.26	480.19	475.26	475.29	475.25
4	480.20	475.25	480.39	475.25	475.27	475.26	478.15	475.26	480.29	475.26	475.30	475.26
5	481.88	475.24	480.28	475.24	475.27	475.26	478.18	475.26	480.02	475.26	480.34	475.26
6	480.39	475.25	480.27	475.25	481.37	475.26	478.41	475.26	475.26	475.25	480.12	475.25
7	480.42	475.24	475.29	475.25	483.56	475.26	478.13	475.26	475.26	475.26	478.47	475.25
8	480.39	475.24	475.26	475.25	483.26	475.26	479.38	475.26	480.40	475.26	480.51	475.24
9	475.26	475.24	480.43	475.25	481.16	475.25	475.33	475.26	480.22	475.25	480.37	475.24
10	475.25	475.24	480.28	475.25	481.06	475.25	475.27	475.26	480.44	475.26	475.25	475.24
11	482.43	475.24	480.21	475.26	475.26	475.25	478.36	475.26	480.47	475.26	475.25	475.25
12	479.37	475.26	480.34	475.25	475.26	475.25	478.16	475.26	480.23	475.26	478.26	475.25
13	482.40	475.25	480.15	475.26	480.06	475.19	478.14	475.26	475.26	475.25	478.50	475.25
14	482.35	475.25	475.30	475.25	480.32	475.19	480.41	475.26	475.26	475.26	478.60	475.25
15	482.39	475.18	475.26	475.25	480.37	475.19	478.35	475.26	480.28	475.26	478.20	475.25
16	475.42	475.16	480.43	475.17	480.20	475.19	475.27	475.26	483.58	475.26	478.54	475.25
17	475.26	475.25	480.12	475.26	480.30	475.19	475.27	475.26	482.13	475.25	475.28	475.25
18	478.42	475.26	480.43	475.26	475.26	475.18	480.23	475.26	481.89	475.25	475.26	475.25
19	478.17	475.25	480.14	475.19	475.20	475.19	480.35	475.26	481.85	475.26	479.58	475.25
20	478.34	475.25	480.31	475.26	482.45	475.19	480.20	475.26	475.26	475.25	479.63	475.25
21	478.22	475.12	475.27	475.19	480.34	475.19	480.24	475.26	475.26	475.25	479.65	475.25
22	478.21	475.25	475.27	475.26	477.90	475.19	480.45	475.26	480.06	475.26	479.42	475.25
23	475.37	475.25	480.15	475.26	480.04	475.19	475.27	475.26	480.37	475.26	479.24	475.25
24	475.27	475.25	480.38	475.26	480.30	475.18	475.27	475.27	480.43	475.26	475.25	475.24
25	481.46	475.25	480.22	475.26	475.20	475.19	481.99	475.26	480.46	475.26	475.25	475.25
26	478.56	475.25	480.33	475.26	475.20	475.19	480.02	475.26	480.25	475.25	479.44	475.18
27	481.33	475.26	480.25	475.26	480.05	475.19	480.02	475.26	475.27	475.25	479.57	475.16
28	478.51	475.25	475.27	475.26	478.10	475.19	480.05	475.26	475.30	475.25	479.21	475.16
29	478.68	475.25	475.27	475.26	480.08	475.20	480.23	475.26	480.35	475.26	479.46	475.16
30	475.26	475.25	481.21	475.26	480.12	475.26	475.26	475.26	480.27	475.26	479.51	475.16
31	---	---	482.41	475.26	---	---	475.27	475.26	480.22	475.26	---	---
MONTH	482.43	475.01	482.41	475.09	483.56	475.18	481.99	475.25	483.58	475.25	480.51	475.16

YEAR MAXIMUM 483.81 MINIMUM 475.01

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, and estimated daily discharges, July 9-14, which are poor. Flow completely regulated by Hartwell Lake (see sta. 02187250) on the Savannah River.

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, 37,500 ft^3/s, Oct. 13, gage height, 12.53 ft; minimum daily, 66 ft^3/s, Feb. 7.

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	5320	112	5810	2180	2060	3180	2990	128	3420	2960	3200	2920
2	3830	5480	3870	102	1390	3230	140	3070	2390	137	3170	2930
3	127	5510	4840	1030	5640	3130	128	1620	3640	137	3170	116
4	124	5510	3860	4810	2760	3120	3030	3020	128	3040	3150	108
5	5380	5520	106	6170	3500	147	5090	2980	128	3030	3120	2900
6	7080	5970	104	4810	2180	147	3610	2980	3930	3020	125	2020
7	7540	113	4400	6350	66	4280	3650	138	4070	3050	112	2180
8	5600	104	4420	5360	2740	3080	3650	125	5270	3030	3160	4630
9	6430	6510	4450	2490	2760	3180	147	2080	3930	122	3170	4530
10	1040	6320	4480	115	2800	5900	147	2090	3920	122	3190	112
11	131	7540	4520	6130	2770	3830	4150	2090	120	3400	3180	112
12	7840	7850	106	6990	2910	151	5610	2070	120	3200	3170	3030
13	11300	2740	100	6140	156	144	4040	2070	2980	3200	118	1970
14	6040	112	4030	7480	153	2990	3060	138	2940	4000	112	1980
15	5170	104	2820	7690	3580	3700	3100	135	2980	3040	2920	3090
16	5170	5680	5430	949	3240	4040	92	2980	2920	131	3190	3150
17	129	3210	5910	110	3210	3260	129	2970	2920	123	3320	120
18	128	1810	6760	3460	3070	2980	2300	2960	93	2910	2910	128
19	4980	1820	124	1940	3060	149	2310	2970	91	2110	2860	3000
20	4540	3190	108	1950	177	144	2290	2960	6900	2090	112	3010
21	5020	97	5330	1940	154	2660	2320	120	2660	2870	112	3000
22	5000	97	4440	6600	4540	2600	2320	125	1760	2890	2730	3070
23	5010	3850	4400	105	2550	5110	139	3010	1680	121	2720	3060
24	120	3810	5350	105	2600	4280	125	3040	1680	120	2740	122
25	114	3800	2840	3160	3160	2250	3890	2420	80	3900	2750	116
26	4150	2620	109	3130	2960	91	1780	2420	84	2860	2750	3040
27	4190	2190	99	3520	163	82	3430	2420	2910	2860	122	3020
28	4460	91	6990	3620	163	2580	1810	137	1430	2880	120	3010
29	3200	94	6180	3150	3110	1500	1820	137	2880	2860	2920	3030
30	3170	4500	2450	113	---	1510	128	3040	2940	127	2010	3010
31	120	---	2180	113	---	1500	---	4150	---	120	2040	---
TOTAL	122453	96354	106616	101812	67622	74945	67425	60593	70994	64460	68473	66514
MEAN	3950	3212	3439	3284	2332	2418	2247	1955	2366	2079	2209	2217
MAX	11300	7850	6990	7690	5640	5900	5610	4150	6900	4000	3320	4630
MIN	114	91	99	102	66	82	92	120	80	120	112	108

CAL YR 1987 TOTAL 1279463 MEAN 3505 MAX 11500 MIN 63
WTR YR 1988 TOTAL 968261 MEAN 2646 MAX 11300 MIN 66

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, 473.75 ft, Feb. 4; minimum, 469.56 ft, Oct. 5.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	470.17	470.64	471.24	470.93	473.34	472.33	472.68	471.93	470.71	471.75	470.22	470.39
2	470.10	470.61	471.15	470.67	473.44	472.25	472.48	471.98	470.54	471.72	470.27	470.49
3	470.11	470.42	471.19	470.50	473.65	472.27	472.53	471.87	470.74	471.73	470.28	470.53
4	469.64	470.75	471.07	470.40	473.64	472.36	472.33	472.01	470.73	471.66	470.33	470.63
5	469.69	471.09	471.08	470.53	473.32	472.38	472.16	471.79	470.73	471.58	470.38	470.65
6	470.05	471.34	471.10	470.67	473.26	472.40	472.12	471.41	470.76	471.50	470.40	470.66
7	470.55	471.26	471.12	470.78	473.28	472.26	471.90	471.41	470.67	471.42	470.39	470.63
8	470.79	471.27	471.14	470.96	473.29	472.30	471.75	471.41	470.80	471.33	470.45	470.74
9	471.12	471.39	471.13	471.03	473.29	472.45	471.75	471.29	471.04	471.34	470.51	470.99
10	471.19	471.72	471.17	471.07	473.29	472.54	471.76	471.26	471.25	471.31	470.59	471.00
11	471.21	471.88	471.23	471.24	473.13	472.60	471.91	471.24	471.23	471.23	470.67	470.99
12	471.64	471.84	471.23	471.45	473.11	472.63	472.10	471.16	471.23	471.17	470.70	470.96
13	472.30	471.65	471.25	471.75	473.12	472.71	471.82	471.19	471.29	471.09	470.72	471.00
14	472.52	471.67	471.13	472.11	473.15	472.67	471.78	471.21	471.36	471.03	470.69	470.97
15	472.60	471.67	471.15	472.37	473.18	472.37	471.86	471.22	471.45	470.96	470.66	470.97
16	472.67	471.83	470.97	472.48	473.15	472.34	471.89	471.27	471.56	470.93	470.58	470.97
17	472.67	471.81	470.97	472.60	472.91	472.34	471.89	471.38	471.58	470.93	470.73	471.06
18	472.67	471.78	471.04	472.68	472.70	472.41	471.88	471.33	471.63	470.84	470.70	471.08
19	472.69	471.57	471.07	472.68	472.74	472.42	471.98	471.26	471.63	470.84	470.65	471.08
20	472.69	471.52	471.10	472.91	472.62	472.44	471.95	471.18	471.95	470.69	470.72	471.08
21	472.75	471.42	471.16	472.95	472.65	472.44	471.85	471.19	472.03	470.62	470.75	471.01
22	472.50	471.32	471.15	473.10	472.56	472.49	471.70	471.18	471.80	470.55	470.72	471.01
23	472.53	471.30	470.98	473.15	472.57	472.69	471.75	471.14	471.53	470.54	470.69	471.01
24	472.54	471.27	470.91	473.20	472.57	472.87	471.80	471.13	471.52	470.54	470.66	471.02
25	472.55	471.22	470.86	473.29	472.42	472.95	471.97	471.02	471.53	470.54	470.62	471.03
26	472.40	471.28	470.91	473.29	472.22	473.01	471.99	470.90	471.48	470.45	470.65	471.03
27	472.40	471.23	470.88	473.35	472.23	473.05	472.03	470.79	471.59	470.38	470.64	471.01
28	472.08	471.25	471.16	473.40	472.25	473.07	471.95	470.80	471.56	470.32	470.67	471.01
29	471.19	471.27	470.89	473.36	472.31	473.09	471.91	470.80	471.62	470.23	470.60	470.99
30	470.63	471.27	470.70	473.30	---	472.93	471.91	470.75	471.71	470.22	470.54	470.99
31	470.65	---	470.66	473.34	---	472.66	---	470.81	---	470.21	470.46	---
MAX	472.75	471.88	471.25	473.40	473.65	473.09	472.68	472.01	472.03	471.75	470.75	471.08
MIN	469.64	470.42	470.66	470.40	472.22	472.25	471.70	470.75	470.54	470.21	470.22	470.39
(+)	39.8	40.5	39.9	42.8	41.6	42.0	41.2	40.0	41.0	39.4	39.7	40.2
(*)	224	270	-224	1083	-479	149	-309	-448	386	-597	112	193

CAL YR 1987 *-9.5 MAX 476.38 MIN 469.64
WTR YR 1988 * 32 MAX 473.65 MIN 469.64

(+) 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 1970 to September 1986 (crest-stage partial record), 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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--32 years (water years 1940-70, 1987-88), 207 ft^3/s, 12.95 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)
Jan. 20	1500	*390	*4.48				

Minimum discharge, 1.0 ft^3/s, Aug. 28, 30, 31; minimum gage height, .80 ft, Oct. 5, 6.

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	9.1	23	40	58	79	70	80	80	38	12	3.1	1.1
2	8.6	23	38	70	80	69	81	79	36	11	2.8	1.1
3	7.4	24	37	104	138	68	81	77	35	13	2.0	1.2
4	6.6	24	38	107	275	71	85	77	33	13	1.8	1.3
5	6.3	25	42	103	254	70	91	91	31	15	2.0	2.0
6	6.4	27	40	83	171	67	86	88	30	19	4.2	36
7	9.3	27	38	75	131	66	82	78	28	18	5.2	33
8	7.5	26	37	70	114	66	80	74	27	15	4.3	16
9	7.3	27	38	83	105	78	77	71	25	12	5.7	17
10	7.2	31	40	85	99	88	76	71	24	9.7	3.1	20
11	7.6	40	51	80	94	98	77	72	23	13	2.0	35
12	8.3	52	63	79	89	90	237	80	23	10	4.0	26
13	8.8	38	47	74	85	84	284	75	21	8.0	3.4	20
14	8.4	33	41	80	82	87	177	70	20	7.3	2.1	16
15	8.5	31	45	86	83	79	137	68	18	6.4	1.9	17
16	10	30	66	75	86	75	119	66	18	6.7	1.8	16
17	11	35	69	82	82	73	108	63	17	5.9	1.6	15
18	12	42	52	154	80	72	104	63	20	4.0	1.5	40
19	12	46	46	157	85	88	138	60	61	3.3	1.4	56
20	13	39	44	295	93	100	149	57	88	3.1	1.4	42
21	12	35	44	324	87	88	116	55	45	6.1	1.5	31
22	12	34	54	190	79	81	104	52	32	3.9	1.4	25
23	12	34	72	136	77	77	97	49	25	2.7	1.4	21
24	13	34	61	112	78	76	103	53	22	2.7	1.4	17
25	15	35	54	103	74	78	119	56	19	5.0	1.3	14
26	18	36	64	97	72	90	105	60	18	7.5	1.2	12
27	20	38	64	89	71	98	99	52	16	5.7	1.1	12
28	22	40	60	83	72	86	91	47	14	7.4	1.1	11
29	24	41	77	81	71	81	85	44	11	6.0	1.1	11
30	25	42	81	80	---	80	82	43	12	3.8	1.1	10
31	23	---	63	80	---	80	---	41	---	4.2	1.0	---
TOTAL	371.3	1012	1606	3375	2986	2474	3350	2012	830	260.4	68.9	575.7
MEAN	12.0	33.7	51.8	109	103	79.8	112	64.9	27.7	8.40	2.22	19.2
MAX	25	52	81	324	275	100	284	91	88	19	5.7	56
MIN	6.3	23	37	58	71	66	76	41	11	2.7	1.0	1.1

CAL YR 1987 TOTAL 55459.2 MEAN 152 MAX 4240 MIN 6.3
WTR YR 1988 TOTAL 18921.3 MEAN 51.7 MAX 324 MIN 1.0

02194500 THURMOND LAKE NEAR CLARKS HILL, SC
(Formerly published as Clark Hill Lake near Clarks Hill, SC)

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 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, 324.11 ft, Oct. 1; minimum 315.64 ft, Sept. 30.

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 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	323.84	320.77	318.85	318.23	319.38	320.67	320.08	321.73	321.04	319.29	318.12	316.42
2	323.64	320.78	318.80	318.37	319.33	320.66	320.08	321.75	321.07	319.20	318.04	316.32
3	323.50	320.84	318.82	318.58	319.48	320.62	320.03	321.68	321.01	319.13	317.98	316.26
4	323.50	320.71	318.78	318.64	320.01	320.60	320.14	321.72	320.89	319.11	317.97	316.27
5	323.38	320.53	318.65	318.68	320.50	320.49	320.27	321.82	320.82	319.08	317.94	316.46
6	323.24	320.35	318.57	318.66	320.71	320.44	320.36	321.93	320.78	319.07	317.88	316.35
7	323.05	320.28	318.55	318.79	320.72	320.47	320.44	321.79	320.82	319.05	317.83	316.28
8	322.85	320.19	318.51	318.74	320.75	320.37	320.52	321.72	320.82	319.04	317.76	316.25
9	322.68	320.14	318.47	318.73	320.74	320.40	320.44	321.77	320.74	318.98	317.68	316.56
10	322.47	320.11	318.46	318.69	320.73	320.52	320.36	321.76	320.63	318.89	317.62	316.49
11	322.34	320.04	318.38	318.67	320.78	320.50	320.49	321.73	320.52	318.88	317.63	316.43
12	322.17	320.05	318.28	318.67	320.82	320.45	320.92	321.67	320.44	318.85	317.58	316.43
13	321.99	319.97	318.15	318.66	320.69	320.46	321.21	321.63	320.35	318.84	317.45	316.38
14	321.80	319.86	318.25	318.58	320.62	320.50	321.34	321.55	320.26	318.89	317.36	316.31
15	321.66	319.76	318.23	318.63	320.71	320.55	321.36	321.49	320.20	318.88	317.30	316.26
16	321.56	319.60	318.27	318.55	320.67	320.56	321.35	321.50	320.12	318.81	317.30	316.23
17	321.39	319.72	318.24	318.57	320.76	320.48	321.30	321.43	320.02	318.71	317.17	316.19
18	321.26	319.69	318.31	318.65	320.79	320.58	321.34	321.41	319.98	318.68	317.12	316.09
19	321.19	319.65	318.19	318.72	320.83	320.49	321.48	321.42	319.93	318.58	317.09	316.09
20	321.26	319.57	318.11	319.01	320.87	320.44	321.53	321.42	319.88	318.52	317.04	316.06
21	321.16	319.47	318.21	319.36	320.81	320.45	321.61	321.33	319.74	318.51	316.93	316.06
22	321.12	319.43	318.23	319.66	320.85	320.36	321.67	321.26	319.73	318.51	316.87	316.04
23	321.07	319.36	318.29	319.63	320.84	320.37	321.71	321.25	319.85	318.43	316.82	316.01
24	320.93	319.36	318.36	319.62	320.84	320.28	321.81	321.29	319.74	318.35	316.79	315.92
25	320.82	319.32	318.33	319.65	320.89	320.27	321.86	321.35	319.65	318.33	316.73	315.87
26	320.73	319.17	318.26	319.61	320.91	320.22	321.87	321.33	319.65	318.29	316.62	315.83
27	320.65	319.07	318.20	319.56	320.82	320.16	321.95	321.30	319.56	318.28	316.54	315.79
28	320.67	318.97	318.27	319.53	320.77	320.15	321.93	321.24	319.48	318.33	316.49	315.74
29	320.92	318.89	318.39	319.53	320.74	320.07	321.89	321.16	319.40	318.31	316.44	315.69
30	321.03	318.89	318.39	319.50	---	320.08	321.79	321.13	319.39	318.22	316.45	315.64
31	320.88	---	318.35	319.47	---	320.09	---	321.11	---	318.16	316.46	---
MAX	323.84	320.84	318.85	319.66	320.91	320.67	321.95	321.93	321.07	319.29	318.12	316.56
MIN	320.65	318.89	318.11	318.23	319.33	320.07	320.03	321.11	319.39	318.16	316.44	315.64
(+)	32.4	27.5	26.3	28.9	32.0	30.3	34.7	33.0	28.7	25.9	22.0	20.2
(*)	-3170	-1860	-455	948	1250	-635	1720	-665	-1660	-1040	-1440	-718

CAL YR 1987 *-442 MAX 332.61 MIN 318.11
WTR YR 1988 *-653 MAX 323.84 MIN 315.64

(+) 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 September 1988. 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 CURRENT YEAR.--Maximum elevation, 12.72 ft, Dec. 16; minimum, 2.48 ft, May 9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	12.15	4.01	7.81	5.10	12.17	4.67	10.33	4.71	9.84	4.32	11.11	3.85
2	12.45	5.12	9.53	4.43	9.93	5.91	8.06	4.88	9.55	4.86	10.13	4.74
3	10.25	5.02	8.17	4.88	10.43	5.87	7.19	4.41	9.89	5.20	9.58	5.16
4	8.98	4.10	8.24	4.57	11.16	5.84	10.84	3.96	9.70	6.08	8.75	5.81
5	10.66	4.59	9.22	4.38	7.40	5.08	11.51	5.73	10.03	6.76	8.33	6.02
6	11.09	5.15	9.94	6.11	5.86	3.07	10.68	5.24	7.54	4.74	6.63	4.62
7	11.43	4.96	7.27	4.82	10.80	3.51	9.57	4.17	6.63	3.81	9.78	3.97
8	11.17	5.33	7.45	4.11	11.28	4.71	9.69	6.13	8.71	3.33	9.88	5.84
9	10.84	5.74	9.98	3.21	10.64	5.77	7.75	5.58	11.13	4.54	9.29	4.36
10	9.53	5.25	9.26	5.35	10.73	5.92	6.06	4.19	10.21	5.07	9.20	5.04
11	8.79	4.34	11.40	6.04	10.81	5.95	10.54	3.59	9.68	5.42	10.22	6.31
12	11.64	4.43	12.55	5.89	7.15	5.15	9.98	3.47	10.70	5.81	9.63	6.31
13	11.88	5.00	10.99	4.40	6.92	4.61	9.53	4.27	7.23	4.42	7.35	5.09
14	10.52	5.23	6.93	4.11	10.75	4.43	11.41	5.31	6.18	3.98	9.02	4.47
15	10.19	4.72	5.52	2.60	12.39	5.05	10.19	5.91	8.93	3.71	11.08	5.26
16	10.75	5.16	9.08	3.08	12.72	5.42	7.73	5.83	8.84	4.39	10.42	4.93
17	8.53	4.25	8.63	5.45	11.90	6.29	6.55	4.77	11.33	4.85	10.92	5.39
18	7.64	3.44	8.21	5.30	10.24	5.18	10.00	4.55	11.00	5.10	8.60	5.63
19	9.78	3.58	8.43	4.54	6.18	3.72	9.77	5.52	10.30	5.17	8.05	5.44
20	7.85	3.56	8.94	6.28	6.52	2.55	9.07	5.57	8.34	5.60	6.10	5.10
21	10.33	3.10	7.38	4.87	8.90	3.24	9.64	5.87	6.61	4.33	9.67	4.79
22	11.95	5.39	5.56	2.98	10.19	4.90	11.16	6.09	9.01	3.47	10.80	5.76
23	11.23	5.90	10.48	3.02	10.29	5.34	7.04	5.50	7.94	4.06	9.89	5.64
24	8.86	4.71	9.84	4.82	10.35	5.91	6.31	4.20	7.66	4.55	9.56	5.65
25	8.33	3.95	10.16	4.58	9.72	6.12	10.87	4.02	9.29	4.14	10.25	5.60
26	10.55	4.22	10.62	4.74	7.18	5.30	10.94	4.69	10.18	4.93	7.97	5.90
27	12.22	5.65	11.14	6.57	6.16	3.94	11.42	5.68	6.78	5.14	6.65	4.48
28	9.93	5.93	7.62	4.79	11.42	3.77	12.37	5.92	5.82	3.95	10.53	4.29
29	9.39	5.99	5.55	2.83	10.48	5.83	11.49	6.19	10.60	3.11	10.85	4.90
30	10.86	5.31	10.51	3.25	10.85	6.10	7.50	5.65	---	---	10.28	5.46
31	9.19	5.97	---	---	10.01	4.94	6.53	4.49	---	---	10.52	5.50
MONTH	12.45	3.10	12.55	2.60	12.72	2.55	12.37	3.47	11.33	3.11	11.11	3.85

02194501 THURMOND LAKE TAILRACE NEAR CLARKS HILL, SC--Continued

GAGE HEIGHT, FEET, 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	9.70	6.27	6.17	3.91	11.06	4.92	10.74	5.93	9.60	3.56	10.17	4.80
2	8.26	5.31	9.28	3.74	8.91	5.58	7.96	5.41	10.47	4.42	10.89	4.78
3	7.78	4.89	9.89	4.01	7.31	5.54	6.23	4.40	10.68	5.26	7.13	5.09
4	7.89	4.80	9.41	4.38	6.65	4.67	9.45	3.45	10.30	5.70	6.22	4.21
5	7.29	4.74	9.66	4.94	6.20	3.80	10.64	4.01	10.36	5.91	10.94	3.33
6	7.74	4.61	9.29	5.41	8.73	2.94	10.78	4.51	7.38	5.81	11.04	5.38
7	9.16	4.82	6.52	5.29	7.54	3.98	11.47	4.59	6.58	5.06	11.40	5.83
8	8.05	5.03	5.56	3.61	8.01	4.78	10.41	5.20	10.12	4.23	11.07	5.37
9	7.86	4.70	9.40	2.48	9.94	4.73	8.01	5.12	10.57	4.94	10.84	5.44
10	6.14	4.23	9.00	3.67	8.28	5.58	7.49	4.38	10.67	5.17	8.45	6.62
11	6.03	3.57	8.76	4.37	7.47	6.05	10.39	3.34	8.46	5.48	7.12	4.96
12	7.09	4.26	8.53	4.84	6.98	5.19	11.21	3.89	9.88	5.45	8.20	3.43
13	9.38	5.09	9.78	5.29	8.36	4.39	10.86	4.65	8.26	5.60	8.77	3.15
14	7.86	5.29	8.05	5.45	8.84	4.91	11.29	5.05	7.51	4.83	7.92	3.81
15	7.57	5.77	6.55	5.24	8.40	5.47	10.86	5.07	9.80	3.98	8.52	3.51
16	7.37	5.72	7.96	4.90	9.29	6.01	8.32	5.93	10.81	4.63	8.76	3.83
17	6.73	4.66	9.71	5.21	9.40	5.99	7.86	5.08	10.65	5.24	7.80	4.08
18	8.42	4.72	8.76	6.29	7.51	6.06	10.26	4.52	9.89	5.52	6.70	4.21
19	8.97	5.46	8.85	6.41	7.07	5.60	10.44	5.29	9.80	5.14	8.95	3.28
20	9.84	6.33	10.23	5.56	9.21	4.92	10.69	5.71	6.62	5.13	9.31	4.14
21	9.09	6.07	7.12	6.03	11.51	5.48	10.43	5.78	6.25	3.85	8.32	4.39
22	8.81	6.27	6.54	5.19	10.25	4.96	10.37	5.52	11.10	3.17	8.85	4.93
23	8.08	6.05	8.76	3.49	8.63	5.21	7.34	5.64	10.58	3.84	8.84	5.19
24	7.25	5.38	8.79	3.90	9.97	4.41	6.31	4.72	9.66	4.44	7.71	5.41
25	9.91	6.04	7.24	4.38	7.90	5.09	9.72	3.46	10.82	4.71	6.25	4.76
26	9.84	5.31	8.25	3.37	7.02	5.38	10.56	4.53	10.84	4.73	8.77	3.80
27	9.06	6.03	7.77	3.75	8.29	4.56	9.64	5.19	7.95	4.78	10.52	4.35
28	9.48	5.59	6.84	4.63	8.40	5.03	9.68	5.13	5.45	3.61	9.95	5.10
29	9.16	5.85	6.38	4.13	10.80	5.41	10.56	5.85	9.93	2.68	8.85	5.92
30	6.97	5.42	6.80	3.66	9.07	5.16	7.38	5.58	11.14	3.49	9.93	5.65
31	---	---	8.35	3.59	---	---	6.56	4.84	10.91	4.24	---	---
MONTH	9.91	3.57	10.23	2.48	11.51	2.94	11.47	3.34	11.14	2.68	11.40	3.15

YEAR MAXIMUM 12.72 MINIMUM 2.48

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 50 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.--43 years (1930-31, 1940-78, 1985-1988), 403 ft^3/s, 10.04 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)
Sept. 9	2300	*4760	*15.93				

Minimum daily, 1.3 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	6.2	1.4	14	42	78	54	104	82	24	25	58	265
2	7.9	1.3	22	56	73	52	97	78	23	17	31	83
3	6.0	14	25	172	204	51	94	73	22	15	32	43
4	4.5	9.9	19	291	2060	51	91	72	17	16	26	38
5	4.1	4.2	17	289	2000	53	88	84	16	20	18	2190
6	11	7.5	15	157	605	55	86	138	19	19	13	546
7	7.8	4.5	17	104	320	53	85	132	20	14	15	166
8	5.7	3.9	18	84	204	47	96	91	16	15	11	88
9	4.9	3.6	15	78	153	54	93	75	15	15	14	2110
10	4.6	18	12	68	127	1470	77	66	21	11	10	2160
11	4.4	7.3	16	61	109	1140	70	192	29	12	9.2	411
12	4.2	5.4	15	59	98	440	641	142	29	15	13	198
13	4.0	14	14	66	88	279	1010	110	24	7.6	27	117
14	3.7	16	20	98	78	261	444	85	19	6.6	15	79
15	3.5	16	20	175	74	188	275	75	16	5.4	13	60
16	3.3	14	21	126	74	133	205	68	14	4.4	12	61
17	3.1	29	39	105	84	109	163	65	13	5.3	9.7	49
18	3.0	52	48	300	82	100	146	57	13	5.5	7.0	91
19	2.8	47	35	475	85	357	313	53	17	5.5	6.6	76
20	2.8	65	29	485	205	599	531	48	48	5.6	9.6	61
21	2.7	38	28	1020	230	336	292	43	52	5.9	7.5	54
22	2.5	25	33	435	149	215	209	39	40	5.9	7.3	42
23	2.3	19	52	240	108	155	166	38	28	5.9	8.4	35
24	2.1	25	90	161	92	128	151	35	21	5.9	6.5	24
25	2.1	38	68	129	80	115	187	43	17	5.9	9.0	22
26	1.9	9.9	51	129	71	125	167	62	14	5.9	6.2	21
27	1.9	8.1	43	150	64	215	140	64	18	5.9	4.5	20
28	1.8	13	42	120	61	290	125	51	20	493	4.6	24
29	1.6	7.8	43	98	58	183	107	41	16	233	4.6	22
30	1.6	7.6	48	87	---	138	91	37	17	121	4.6	22
31	1.4	---	49	81	---	116	---	28	---	100	553	---
TOTAL	119.4	525.4	978	5941	7714	7562	6344	2267	658	1228.2	966.3	9178
MEAN	3.85	17.5	31.5	192	266	244	211	73.1	21.9	39.6	31.2	306
MAX	11	65	90	1020	2060	1470	1010	192	52	493	553	2190
MIN	1.4	1.3	12	42	58	47	70	28	13	4.4	4.5	20

CAL YR 1987 TOTAL 141977.7 MEAN 389 MAX 9370 MIN 1.3
WTR YR 1988 TOTAL 43481.3 MEAN 119 MAX 2190 MIN 1.3

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.--8 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, 144 ft^3/s, gage height 4.31 ft, Feb. 4; minimum daily discharge, 1.4 ft^3/s, July 16.

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	4.3	5.5	5.6	6.5	11	9.5	9.5	7.1	3.8	2.3	1.8	2.8
2	4.0	5.5	5.4	19	11	9.3	9.6	6.8	3.7	2.1	1.8	2.5
3	3.8	5.5	5.9	19	15	9.2	8.6	6.3	3.7	2.0	1.8	2.5
4	3.8	5.8	5.8	16	66	10	8.4	6.9	3.8	2.4	1.9	2.6
5	3.6	5.8	5.2	11	31	10	7.9	11	3.8	2.2	1.8	4.6
6	3.5	5.6	5.1	9.8	19	9.6	9.1	7.7	3.7	2.0	1.8	2.5
7	3.5	5.6	5.1	17	15	9.3	10	6.3	3.7	2.0	2.2	2.5
8	3.5	5.7	5.1	39	14	8.9	8.2	6.0	3.7	1.9	2.2	2.5
9	3.3	5.9	5.3	24	13	9.8	7.4	5.5	3.7	1.9	1.9	15
10	3.2	7.7	5.7	9.2	12	15	6.8	10	4.6	2.0	1.9	12
11	3.2	8.5	5.3	9.7	11	12	6.8	22	3.9	2.2	2.9	8.0
12	3.3	8.4	5.3	9.6	11	9.6	40	10	3.7	1.9	2.9	5.4
13	4.0	8.4	5.3	12	12	15	16	8.6	3.0	1.7	2.1	5.2
14	4.5	8.6	5.3	13	11	12	12	8.3	2.6	1.6	2.1	4.5
15	4.7	8.9	10	11	11	10	11	6.8	2.5	1.5	2.3	3.5
16	4.9	9.2	9.7	10	11	9.7	9.8	6.1	2.4	1.4	2.1	3.9
17	4.7	39	7.1	15	11	9.5	9.0	5.9	2.4	1.5	2.0	4.5
18	4.4	14	6.3	31	11	11	10	5.8	3.0	1.5	2.0	6.2
19	4.4	7.6	6.3	22	15	21	17	5.5	4.4	1.6	2.0	4.7
20	4.5	5.8	6.1	37	13	14	12	5.4	5.6	1.7	2.0	3.9
21	4.5	5.2	7.1	23	12	12	10	5.2	4.0	1.8	2.1	3.4
22	4.7	4.9	13	16	12	11	9.4	5.1	3.0	1.8	2.5	3.2
23	5.2	4.9	9.4	13	11	10	9.6	5.2	2.7	2.5	2.1	3.1
24	5.3	4.9	7.8	12	11	9.8	12	6.1	2.5	1.9	2.1	3.1
25	5.3	4.9	7.3	13	10	9.9	11	7.7	2.4	1.8	2.0	3.2
26	5.4	6.6	6.9	13	10	14	12	6.6	2.2	1.8	2.0	3.1
27	7.2	12	6.8	11	9.9	14	10	5.3	2.6	1.8	2.3	3.1
28	7.2	9.4	8.0	11	9.9	12	8.9	5.2	2.3	3.0	2.4	3.2
29	6.2	7.0	8.3	10	9.6	11	8.2	5.0	2.1	1.8	2.4	3.1
30	5.8	6.1	7.4	9.8	---	10	7.5	4.9	2.7	1.9	2.4	3.1
31	5.5	---	7.3	10	---	9.7	---	4.4	---	2.4	3.3	---
TOTAL	141.4	242.9	210.2	482.6	419.4	347.8	327.7	218.7	98.2	59.9	67.1	130.9
MEAN	4.56	8.10	6.78	15.6	14.5	11.2	10.9	7.05	3.27	1.93	2.16	4.36
MAX	7.2	39	13	39	66	21	40	22	5.6	3.0	3.3	15
MIN	3.2	4.9	5.1	6.5	9.6	8.9	6.8	4.4	2.1	1.4	1.8	2.5

CAL YR 1987 TOTAL 5658.0 MEAN 15.5 MAX 259 MIN 3.2
WTR YR 1988 TOTAL 2746.8 MEAN 7.50 MAX 66 MIN 1.4

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.--No estimated daily discharge. Records good. Flow regulated by Thurmond Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

AVERAGE DISCHARGE.--81 years (water years 1884-91, 1897-1906, 1926-88), 10,026 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 350,000 ft^3/s, Oct. 3, 1929; maximum gage height, 46.3 ft, Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 ft^3/s, Sept. 24, 1939, from rating curve extended below 1,400 ft^3/s; minimum daily, 1,040 ft^3/s, Oct. 2, 1927.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known occurred in 1796, discharge 360,000 ft^3/s, gage height, 40 ft, marked by local residents (at site and datum of Fifth Street gage), by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,600 ft^3/s, Feb. 5, gage height, 10.61 ft; minimum daily, 3,880 ft^3/s, June 24, 26, July 18, 20.

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	11400	5600	5360	6140	5190	5350	5240	4740	4260	4730	4170	4880
2	9100	5930	6060	5820	5540	5550	5650	4610	4420	5290	4040	4810
3	8180	6590	6320	5650	5760	5340	5020	4700	4440	4460	4020	4200
4	6240	6560	5850	5510	6750	5320	5020	4680	4340	4180	4280	4470
5	6360	6200	5790	6010	11300	5370	5280	4630	4280	4150	4600	4710
6	7920	5810	5600	6760	10600	5250	5230	4550	4180	4390	4740	5050
7	8220	6830	4990	6030	6670	5160	5090	4660	4090	4200	4350	4960
8	7390	5790	5040	6170	5650	5340	5160	4780	3970	4240	4050	5470
9	7530	5460	5340	6100	5210	6810	4900	4620	4020	4150	4110	8100
10	7060	5730	5960	5750	5860	6350	4800	4530	4580	4020	4270	8760
11	5990	6510	6370	5690	5910	6910	4790	4380	4920	3930	4500	5980
12	5920	8300	6400	6390	5940	6260	5230	4230	4390	4050	4500	5740
13	7580	9060	5140	5760	6960	5670	5590	4320	4130	3980	4400	5080
14	8610	6660	4780	5600	5230	5480	5500	4220	4110	4160	4090	4610
15	8570	5610	5080	5830	4820	5590	5060	4450	3930	4130	4140	4830
16	7300	4840	6060	5850	5280	7240	4690	4300	3970	4100	4150	4810
17	7190	5630	6740	5420	5560	5880	4580	4360	4390	4010	4220	4190
18	6040	7680	8050	5540	6270	5700	4590	4370	4560	3880	4280	4050
19	5620	6390	7100	6140	6720	5330	4630	4450	4230	3890	4780	4120
20	6100	5800	5260	6740	6320	5020	4670	4650	4070	3880	4450	4130
21	5390	7170	4750	6860	5710	4990	4830	4560	4140	4190	4330	4450
22	4990	6190	4870	7070	5430	5210	5210	4250	6310	4530	4490	4280
23	7230	5220	5420	6500	5550	5940	5110	4510	4810	4640	4290	4330
24	6770	5260	5800	5630	5520	5890	5640	4570	3880	4430	4280	4290
25	5600	5840	5980	5280	5530	5660	5210	4570	3900	4110	4440	4110
26	5530	5960	6200	5520	5430	5480	6690	4480	3880	3900	4410	4160
27	6570	6360	5800	5810	5380	5610	5950	4340	3910	3940	4360	4070
28	8070	7550	5240	5940	5220	5350	5540	4310	3950	4040	4330	4160
29	7050	6790	5590	6240	5070	5210	5280	4260	3970	4240	4150	4150
30	6690	5200	6360	6500	---	5210	4990	4340	4090	4650	4170	4450
31	5900	---	6620	5700	---	5270	---	4350	---	4300	4530	---
TOTAL	218110	188520	179920	185950	176380	174740	155170	138770	128120	130790	133920	145400
MEAN	7036	6284	5804	5998	6082	5637	5172	4476	4271	4219	4320	4847
MAX	11400	9060	8050	7070	11300	7240	6690	4780	6310	5290	4780	8760
MIN	4990	4840	4750	5280	4820	4990	4580	4220	3880	3880	4020	4050

CAL YR 1987 TOTAL 2994060 MEAN 8203 MAX 26800 MIN 4050
WTR YR 1988 TOTAL 1955790 MEAN 5344 MAX 11400 MIN 3880

REVISION.--The Calendar Year Summary in the Sc-87-1 are revised as follows: CAL YR 1986 TOTAL 2118110 MEAN 5803 MAX 15200

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.--22 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)
Sept. 9	1400	*278	*6.86				

Minimum discharge, 59 ft^3/s, July 20, Aug. 20, gage height, 4.79 ft.

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	83	90	97	93	95	88	85	86	72	112	75	83
2	78	91	96	129	94	87	85	84	70	85	72	78
3	77	96	96	142	98	87	84	84	70	81	72	79
4	76	97	95	135	162	102	85	86	74	81	74	84
5	77	98	93	108	127	95	84	93	71	76	77	130
6	78	92	93	104	107	92	86	84	69	72	72	93
7	77	91	91	107	101	89	88	81	69	71	71	81
8	77	92	91	109	98	91	84	79	75	70	73	81
9	78	92	91	100	96	96	83	79	114	70	81	216
10	79	96	93	99	94	184	81	79	161	70	71	143
11	79	96	92	99	93	126	84	109	97	73	75	101
12	81	94	90	99	96	106	125	86	81	76	82	89
13	81	94	90	102	94	99	115	83	76	71	71	83
14	80	93	90	104	92	93	95	83	74	72	71	80
15	80	93	112	99	92	91	92	80	72	74	71	88
16	81	93	116	99	93	90	87	79	70	105	70	120
17	81	129	99	127	90	90	85	80	70	127	68	92
18	80	142	96	147	90	92	94	79	71	68	66	103
19	82	105	94	127	133	107	148	76	75	65	65	92
20	82	99	94	135	116	95	107	74	75	64	64	85
21	81	96	96	124	107	94	95	73	70	65	69	81
22	81	95	110	108	98	91	89	73	68	68	79	79
23	84	95	101	101	95	88	121	74	67	91	88	77
24	86	95	96	99	92	89	154	81	75	98	91	76
25	86	95	99	111	91	89	110	99	92	75	77	77
26	86	97	97	106	90	96	114	98	75	71	71	82
27	101	113	96	98	90	104	100	82	160	69	70	81
28	95	112	99	96	89	92	93	77	98	75	88	87
29	90	104	100	95	88	88	90	74	80	83	107	82
30	90	99	93	94	---	86	87	73	87	76	91	79
31	89	---	92	94	---	85	---	72	---	90	96	---
TOTAL	2556	2974	2988	3390	2901	3002	2930	2540	2478	2444	2368	2802
MEAN	82.5	99.1	96.4	109	100	96.8	97.7	81.9	82.6	78.8	76.4	93.4
MAX	101	142	116	147	162	184	154	109	161	127	107	216
MIN	76	90	90	93	88	85	81	72	67	64	64	76

CAL YR 1987 TOTAL 36335 MEAN 99.5 MAX 316 MIN 64
WTR YR 1988 TOTAL 33373 MEAN 91.2 MAX 216 MIN 64

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER-QUALITY RECORDS

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	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)
DEC												
16...	0945	116	17	5.30	13.0	0.70	757	9.2	88	770	1900	3
FEB												
29...	1415	88	15	5.50	13.0	0.70	769	10.5	99	970	K1900	3
JUN												
02...	1430	72	21	5.80	21.0	1.4	751	8.6	98	230	250	2
AUG												
23...	1400	79	15	--	21.0	1.1	758	7.9	89	230	1600	1

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)
DEC											
16...	1	0.57	0.42	1.9	51	0.5	0.60	2.0	5.5	3.6	0.10
FEB											
29...	1	0.57	0.28	1.5	51	0.4	0.40	2.0	2.3	2.1	0.10
JUN											
02...	0	0.43	0.30	1.7	58	0.5	0.30	2.0	2.2	2.0	0.20
AUG											
23...	0	0.31	0.17	2.9	76	1	0.40	3.0	1.8	2.0	<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-PHOROUS DIS-SOLVED (MG/L AS P)
DEC											
16...	7.6	14	23	0.02	4.38	0.160	0.020	0.03	2.9	0.010	0.010
FEB											
29...	6.8	15	16	0.02	3.58	0.200	0.060	0.08	<0.20	0.010	0.010
JUN											
02...	6.7	18	16	0.02	3.50	0.210	0.010	0.01	<0.20	0.020	0.020
AUG											
23...	7.4	15	18	0.02	3.18	0.230	0.020	0.03	0.20	0.010	<0.010

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)
DEC											
16...	<0.010	--	90	<1	29	<0.5	<1	3	<3	1	200
FEB											
29...	0.010	0.03	30	<1	21	<0.5	<1	<1	<3	1	85
JUN											
02...	<0.010	--	20	<1	22	<0.5	<1	<1	<3	1	110
AUG											
23...	0.010	0.03	30	<1	17	<0.5	<1	<1	<3	<1	130

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

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)
DEC											
16...	<5	<4	10	<0.1	<10	<1	<1	<1.0	4	<0.01	<6
FEB											
29...	<5	<4	7	<0.1	<10	6	<1	<1.0	4	--	<6
JUN											
02...	<5	<4	6	<0.1	<10	3	<1	1.0	3	0.02	<6
AUG											
23...	<5	<4	3	<0.1	<10	1	<1	1.0	2	--	<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)
DEC											
16...	17	3	0.94	100	5.7	1.0	1.0	1.0	1.2	1.2	1.4
FEB											
29...	12	2	0.48	78	--	--	--	--	--	--	--
JUN											
02...	9	3	0.58	100	5.0	0.7	1.4	1.4	0.7	0.7	1.6
AUG											
23...	10	2	0.42	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 PLANT, 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 Plant Laboratory (Area-A), at Savannah River Plant.

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 Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 21, 1988, gage height, 1.68 ft; no flow for part of Oct. 9, 13, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Aug. 21, gage height, 1.68 ft; minimum daily, .04 ft^3/s, Jan. 9, 23.

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	.05	.05	.07	.06	.10	.18	.15	.12	.16	.13	.10	.06
2	.05	.05	.07	.36	.10	.20	.15	.11	.19	.10	.11	.07
3	.05	.05	.07	.37	.11	.19	.15	.12	.19	.11	.09	.05
4	.05	.05	.07	.05	.78	.38	.14	.27	.17	.09	.08	.15
5	.06	.05	.07	.05	.10	.14	.15	.12	.17	.10	.08	.16
6	.05	.06	.07	.07	.10	.15	.17	.14	.15	.12	.08	.05
7	.06	.07	.07	.05	.10	.15	.16	.15	.19	.13	.08	.08
8	.06	.06	.07	.05	.10	.16	.17	.16	.28	.12	.09	.25
9	.06	.07	.07	.04	.11	.22	.18	.17	.60	.12	.08	.47
10	.07	.06	.07	.08	.11	.47	.19	.28	.19	.11	.08	.07
11	.06	.06	.07	.05	.12	.22	.28	.24	.14	.13	.18	.07
12	.05	.05	.07	.07	.15	.22	.47	.21	.11	.11	.08	.06
13	.05	.05	.07	.06	.32	.21	.24	.21	.10	.10	.08	.06
14	.05	.05	.07	.05	.47	.25	.21	.20	.11	.19	.09	.07
15	.06	.05	.14	.05	.52	.28	.07	.21	.11	.20	.10	.07
16	.06	.05	.09	.08	.40	.31	.07	.21	.12	.26	.08	.19
17	.06	.28	.08	.21	.43	.29	.07	.26	.12	.26	.08	.10
18	.05	.05	.07	.13	.44	.45	.21	.24	.12	.28	.08	.05
19	.07	.05	.07	.12	.80	.25	.28	.22	.14	.27	.08	.05
20	.07	.06	.07	.30	.13	.21	.10	.24	.16	.17	.10	.05
21	.05	.08	.09	.24	.11	.21	.10	.16	.17	.13	.47	.05
22	.07	.07	.10	.08	.10	.17	.10	.11	.17	.13	.16	.07
23	.06	.07	.05	.04	.10	.13	.21	.12	.18	.25	.16	.07
24	.05	.07	.05	.08	.13	.13	.09	.37	.28	.10	.11	.07
25	.05	.07	.05	.15	.12	.23	.19	.13	.15	.15	.08	.21
26	.06	.23	.05	.12	.13	.10	.08	.11	.16	.12	.07	.10
27	.06	.14	.05	.12	.14	.11	.08	.14	.21	.15	.09	.06
28	.05	.06	.11	.11	.17	.13	.08	.14	.10	.11	.28	.06
29	.05	.05	.06	.16	.18	.14	.09	.10	.11	.14	.16	.07
30	.05	.07	.07	.15	---	.15	.10	.11	.22	.10	.16	.06
31	.05	---	.07	.14	---	.16	---	.16	---	.10	.10	---
TOTAL	1.74	2.23	2.25	3.69	6.67	6.59	4.73	5.53	5.27	4.58	3.66	3.00
MEAN	.056	.074	.073	.12	.23	.21	.16	.18	.18	.15	.12	.10
MAX	.07	.28	.14	.37	.80	.47	.47	.37	.60	.28	.47	.47
MIN	.05	.05	.05	.04	.10	.10	.07	.10	.10	.09	.07	.05

CAL YR 1987 TOTAL 51.24 MEAN .14 MAX .84 MIN .02
WTR YR 1988 TOTAL 49.94 MEAN .14 MAX .80 MIN .04

021973028 A-011 AT SAVANNAH RIVER PLANT, 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 Plant.

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

GAGE.--Water-stage recorder. Elevation of gage is 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those above 3.8 ft^3/s, which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, 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, undetermined, Aug. 21, gage height, 1.78 ft; minimum daily, less than 0.01 ft^3/s, Apr. 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	.06	.03	.03	.02	.02	.01	.01	.01	.03	.12	.07	.04
2	.05	.04	.03	.59	.02	.02	.01	.03	.03	.31	.05	.05
3	.05	.04	.03	.79	.02	.22	.02	.03	.07	.04	.15	.03
4	.05	.04	.03	.05	1.2	.21	.06	.26	.33	.03	.07	.26
5	.05	.04	.03	.03	.02	.01	.06	.04	.04	.04	.05	.34
6	.05	.04	.03	.03	.02	.04	.06	.04	.05	.04	.05	.04
7	.04	.04	.03	.03	.22	.02	.05	.02	.13	.04	.04	.05
8	.04	.04	.02	.03	.02	.03	.06	.02	.45	.04	.08	.78
9	.04	.04	.03	.07	.01	.07	.05	.04	3.3	.03	.04	1.9
10	.04	.04	.34	.26	.01	1.4	.04	1.1	.15	.03	.04	.05
11	.04	.04	.02	.19	.01	.02	.29	.08	.04	.07	.15	.04
12	.04	.04	.02	.19	.09	.02	.41	.03	.05	.04	.04	.04
13	.04	.04	.02	.29	.06	.01	.03	.03	.03	.05	.04	.04
14	.04	.04	.03	.04	.03	.01	.02	.02	.04	.23	.05	.04
15	.04	.04	.15	.03	.04	.02	.03	.03	.04	.04	.05	.04
16	.04	.03	.02	.10	.03	.02	.05	.03	.03	.03	.06	.27
17	.04	1.1	.02	.26	.02	.01	.02	.03	.04	.03	.16	.40
18	.05	.04	.02	.07	.13	.12	.19	.02	.04	.04	.06	.07
19	.05	.03	.02	.05	.60	.02	.92	.22	.04	.04	.06	.05
20	.05	.03	.05	.44	.13	.01	.28	.03	.04	.04	.05	.05
21	.43	.03	.07	.05	.03	.01	.04	.04	.05	.04	2.7	.06
22	.04	.03	.12	.03	.04	.26	.04	.04	.32	.04	.53	.05
23	.03	.03	.03	.02	.03	.01	.89	.05	.04	.09	1.3	.05
24	.03	.03	.03	.02	.51	.02	.03	.28	1.2	.03	.07	.05
25	.03	.03	.04	.12	.30	.10	.27	.04	.05	.28	.06	.26
26	.04	.40	.03	.03	.02	.01	.04	.04	.22	.07	.05	.17
27	.09	.13	.03	.02	.03	.01	.03	.02	.61	.05	.05	.05
28	.03	.03	.11	.09	.02	.02	.02	.01	.05	.05	.47	.05
29	.03	.03	.04	.02	.02	.02	.01	.03	.05	.15	.42	.06
30	.03	.03	.05	.02	---	.03	<.01	.03	.48	.05	.19	.05
31	.03	---	.05	.03	---	.04	---	.03	---	.64	.05	---
TOTAL	1.71	2.59	1.57	4.01	3.70	2.82	4.04	2.72	8.04	2.82	7.25	5.43
MEAN	.055	.086	.051	.13	.13	.091	.13	.088	.27	.091	.23	.18
MAX	.43	1.1	.34	.79	1.2	1.4	.92	1.1	3.3	.64	2.7	1.9
MIN	.03	.03	.02	.02	.01	.01	<.01	.01	.03	.03	.04	.03

CAL YR 1987 TOTAL 65.19 MEAN .18 MAX 2.3 MIN .02
WTR YR 1988 TOTAL 46.70 MEAN .13 MAX 3.3 MIN <.01

< Actual value is known to be less than the value shown

02197309 TIMS BRANCH AT ROAD C AT SAVANNAH RIVER PLANT, 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 SRP Road C and 300 ft northwest of Upper Three Runs Creek, at Savannah River Plant.

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: Dec. 5-7, which are fair. Flow regulated by Savannah River Plant operations 5 mi upstream.

AVERAGE DISCHARGE.-- 12 years, 5.63 ft^3/s, 4.37 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, June 10, gage height, 4.28 ft; minimum daily, 1.6 ft^3/s, July 20.

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	5.8	4.3	5.5	5.5	3.6	4.6	4.9	5.0	3.1	6.8	2.9	4.2
2	4.4	4.0	5.3	10	3.4	4.5	4.7	5.0	3.1	3.8	2.3	3.3
3	4.2	4.5	5.2	11	3.7	4.8	4.5	4.6	3.2	3.5	2.4	3.4
4	4.0	4.6	5.0	8.8	7.1	6.8	4.6	4.8	3.5	3.0	2.9	3.5
5	4.1	4.4	4.8	5.5	4.7	5.7	4.4	6.0	3.4	2.6	3.5	5.9
6	4.0	4.2	4.9	4.8	4.8	4.8	5.0	4.8	3.2	2.1	2.7	4.3
7	4.0	4.2	5.0	5.1	4.4	5.1	5.0	4.3	10	2.0	2.5	3.3
8	4.0	4.2	5.0	5.3	4.4	5.1	4.7	4.0	5.9	2.1	2.2	3.2
9	4.1	4.2	5.7	4.7	4.4	5.2	4.5	3.7	5.7	2.2	2.2	16
10	4.0	4.5	5.8	4.9	4.4	16	4.4	4.2	19	1.9	2.1	9.5
11	3.8	4.4	5.6	5.2	4.4	7.9	4.9	8.3	5.6	2.0	2.3	6.0
12	3.8	4.4	5.2	5.1	4.7	6.3	8.7	4.9	3.9	2.3	3.6	4.4
13	3.8	4.7	5.0	5.3	4.2	5.9	5.2	4.7	3.5	2.0	2.5	4.1
14	3.6	4.7	4.9	5.3	4.1	5.5	4.3	4.6	3.5	1.9	2.9	4.0
15	3.8	4.4	5.9	4.5	4.3	6.0	4.1	4.0	3.2	2.5	2.8	3.7
16	3.9	4.3	5.3	3.9	4.3	5.9	3.7	3.8	3.1	2.3	2.4	3.8
17	3.9	9.4	4.8	4.2	4.2	5.8	3.5	3.6	3.1	2.2	2.2	4.2
18	3.4	9.9	4.9	6.0	4.4	6.1	4.2	3.4	6.2	1.8	2.1	6.4
19	3.2	5.6	5.1	4.8	10	7.0	9.5	3.4	4.1	1.7	5.5	4.7
20	7.9	5.1	4.9	6.2	7.5	5.6	5.6	3.3	3.0	1.6	3.5	4.1
21	5.4	4.8	5.4	5.1	6.5	5.1	4.9	3.1	2.7	1.7	4.1	4.0
22	4.6	4.4	6.5	4.4	5.6	5.4	4.3	3.1	2.8	1.8	12	3.5
23	3.9	4.3	5.5	4.0	5.5	5.3	10	2.9	3.0	2.4	8.6	3.3
24	3.8	4.4	5.1	4.3	5.2	5.1	12	3.7	2.8	2.4	7.9	3.5
25	4.0	4.6	5.5	5.1	5.4	5.3	7.3	5.8	6.4	1.9	4.2	3.6
26	4.0	5.6	5.3	6.0	5.1	6.1	8.0	4.5	3.8	1.9	3.3	7.9
27	5.0	8.1	5.1	8.4	4.8	5.1	6.3	4.0	7.3	2.0	2.8	5.0
28	5.5	6.9	5.7	4.9	4.4	4.6	5.5	3.8	4.4	2.0	3.0	4.1
29	5.2	5.7	6.3	4.0	4.4	6.0	5.4	3.4	3.6	2.3	4.1	4.0
30	4.7	5.3	5.5	3.5	---	5.5	5.1	3.1	5.4	2.7	4.2	3.8
31	4.6	---	5.5	3.5	---	5.2	---	2.9	---	2.5	4.4	---
TOTAL	134.4	154.1	165.2	169.3	143.9	183.3	169.2	130.7	141.5	73.9	114.1	144.7
MEAN	4.34	5.14	5.33	5.46	4.96	5.91	5.64	4.22	4.72	2.38	3.68	4.82
MAX	7.9	9.9	6.5	11	10	16	12	8.3	19	6.8	12	16
MIN	3.2	4.0	4.8	3.5	3.4	4.5	3.5	2.9	2.7	1.6	2.1	3.2

CAL YR 1987 TOTAL 2389.4 MEAN 6.55 MAX 45 MIN 3.0
WTR YR 1988 TOTAL 1724.3 MEAN 4.71 MAX 19 MIN 1.6

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, on right bank, 100 ft upstream of SRP Road C, 2.0 mi east of SRP Road 2, at Savannah River Plant.

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: Nov. 17 to Dec. 1, and Mar. 6-9, which are poor.

AVERAGE DISCHARGE.--14 years, 200 ft^3/s, 15.44 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, 460 ft^3/s, Sept. 10, gage height, 4.98 ft; minimum daily, 101 ft^3/s, Aug. 20.

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	193	136	161	169	178	165	156	146	115	218	121	145
2	160	136	159	212	177	164	155	143	114	174	112	130
3	149	137	157	240	175	164	153	140	112	145	111	132
4	143	142	157	291	199	195	155	141	117	140	135	133
5	142	143	155	232	217	203	153	162	116	133	151	175
6	141	140	154	201	212	180	152	150	113	125	122	177
7	140	137	155	191	187	170	159	139	119	118	119	142
8	136	139	154	202	179	165	152	132	132	116	115	131
9	136	139	156	196	177	170	149	129	194	114	119	315
10	136	145	159	193	173	303	145	129	319	113	116	430
11	137	158	166	198	171	365	148	195	248	115	113	272
12	138	153	160	198	174	228	216	163	157	135	125	169
13	142	149	158	199	174	194	241	142	137	122	115	150
14	136	146	156	199	169	178	195	144	129	116	115	141
15	136	143	166	191	169	170	167	136	124	118	113	135
16	134	143	176	183	174	166	155	130	120	116	111	190
17	133	200	174	192	169	165	147	128	118	143	109	170
18	131	260	164	236	170	168	151	125	122	129	104	179
19	130	275	161	236	246	197	247	122	119	110	103	168
20	137	240	159	233	281	187	252	119	120	106	101	151
21	134	185	163	238	231	172	179	117	116	103	103	141
22	131	165	183	211	198	167	158	117	113	102	141	132
23	131	160	190	190	184	163	187	116	117	113	149	128
24	134	155	176	183	178	161	330	122	114	137	143	126
25	134	160	173	186	172	163	270	169	128	120	128	127
26	134	165	174	200	171	179	226	163	127	112	121	185
27	147	185	172	189	169	181	200	144	287	107	115	155
28	163	200	176	179	168	176	172	130	262	109	132	143
29	146	195	197	176	167	165	156	122	153	116	166	139
30	140	180	180	173	---	160	149	118	164	116	165	132
31	138	---	171	174	---	158	---	116	---	122	159	---
TOTAL	4362	5011	5162	6291	5409	5742	5475	4249	4426	3863	3852	5043
MEAN	141	167	167	203	187	185	182	137	148	125	124	168
MAX	193	275	197	291	281	365	330	195	319	218	166	430
MIN	130	136	154	169	167	158	145	116	112	102	101	126

CAL YR 1987 TOTAL 73779 MEAN 202 MAX 814 MIN 128
WTR YR 1988 TOTAL 58885 MEAN 161 MAX 430 MIN 101

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20'', long 81°44'42'', Aiken County, Hydrologic Unit 03060106, near right bank, on downstream side of bridge at SRP Road A, 2.0 mi south of SRP 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. Elevation of gage is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--13 years, 244 ft^3/s, 16.32 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, 428 ft^3/s, Sept. 11, gage height, 4.49 ft; minimum daily, 97 ft^3/s, Aug. 21.

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	229	173	199	180	182	171	166	158	111	240	143	149
2	179	174	192	232	181	169	166	153	109	209	128	129
3	161	176	188	304	182	169	165	149	106	158	121	128
4	153	181	187	338	213	201	165	147	110	148	138	130
5	152	184	185	298	306	226	163	175	112	141	180	174
6	151	182	182	226	273	195	162	167	108	130	144	193
7	150	176	181	207	204	182	172	150	112	121	131	147
8	146	176	181	221	190	178	164	141	123	118	127	131
9	144	179	181	217	186	186	157	135	200	115	127	265
10	147	181	182	210	181	288	153	134	284	114	128	392
11	147	197	191	216	178	398	155	207	326	115	118	380
12	148	197	185	216	181	327	226	191	191	142	134	192
13	154	191	180	217	184	224	279	156	146	131	126	157
14	150	186	177	226	179	200	240	155	132	119	125	142
15	149	183	188	215	179	186	189	148	124	121	121	133
16	149	181	227	202	186	181	170	138	118	120	115	177
17	150	206	217	203	179	180	159	134	114	138	112	194
18	148	311	191	270	175	183	162	132	116	150	104	192
19	148	336	184	295	245	217	258	127	114	110	102	183
20	155	239	180	274	315	217	311	122	114	106	98	159
21	155	204	184	298	277	193	221	117	112	105	97	143
22	153	193	213	255	223	183	179	115	106	108	136	131
23	152	189	226	211	198	177	185	114	112	125	163	124
24	159	188	202	196	188	174	343	120	106	151	150	122
25	162	187	190	197	180	177	357	173	116	146	136	125
26	164	192	192	216	176	198	272	179	122	126	116	193
27	176	212	188	204	174	197	243	157	239	119	105	166
28	203	243	190	189	174	198	197	136	307	120	118	145
29	189	236	217	184	171	180	173	127	192	131	163	139
30	178	214	202	180	---	173	163	121	149	129	174	129
31	176	---	184	180	---	169	---	115	---	136	164	---
TOTAL	4977	6067	5966	7077	5860	6297	6115	4493	4431	4142	4044	5164
MEAN	161	202	192	228	202	203	204	145	148	134	130	172
MAX	229	336	227	338	315	398	357	207	326	240	180	392
MIN	144	173	177	180	171	169	153	114	106	105	97	122

CAL YR 1987 TOTAL 84655 MEAN 232 MAX 798 MIN 129
WTR YR 1988 TOTAL 64633 MEAN 177 MAX 398 MIN 97

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.--No estimated daily discharges. Records good. Water is diverted above and below gage by Savannah River Plant 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 Plant 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, 13,200, Feb. 6, gage height, 12.42 ft; minimum daily, 4,150 ft^3/s, July 19, 20.

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	12900	6020	5340	6420	5630	5190	5260	5220	4450	4740	4620	4980
2	11300	5990	5720	6010	5610	5440	5450	4980	4510	5470	4480	5190
3	9640	6480	6300	6020	5620	5480	5340	4970	4520	5130	4370	4900
4	7730	6820	6080	5900	5960	5390	5020	4950	4490	4730	4420	4720
5	6590	6740	5830	5980	8820	5450	5160	4930	4460	4530	4720	5030
6	7600	6160	5710	6720	12500	5490	5280	4870	4390	4590	4880	5190
7	8630	6620	5410	6610	8660	5260	5180	4830	4330	4670	4850	5540
8	8290	6290	5060	6350	6470	5190	5100	4910	4310	4550	4530	5400
9	7750	5650	5210	6240	5480	6040	5100	4880	4560	4540	4390	6960
10	7920	5640	5590	6000	5520	6760	4820	4820	4970	4430	4500	9680
11	6730	6170	6130	5710	5990	6920	4950	4810	5430	4330	4630	8860
12	6130	7110	6450	6220	5710	7170	5290	4660	5210	4340	4770	6570
13	6840	9360	5840	6290	6700	6100	5980	4610	4710	4360	4750	6120
14	8540	7850	5040	5880	6040	5650	6070	4590	4490	4380	4570	5440
15	8990	6240	4960	5860	5110	5500	5550	4600	4270	4470	4450	5150
16	8480	5390	5480	6050	5060	6470	5240	4630	4180	4450	4420	5370
17	7500	5100	6540	5730	5400	6530	4870	4560	4370	4420	4500	5120
18	7000	6980	7250	5640	5810	5700	4810	4570	4580	4330	4460	5020
19	6070	7670	7960	6160	6530	5670	5040	4580	4540	4150	4730	4950
20	6160	6190	6120	6590	6900	5320	5190	4700	4370	4150	4830	4870
21	6170	6660	5150	7090	6270	5230	5230	4760	4240	4200	4660	4930
22	5370	6880	4920	7180	5750	5270	5340	4570	5150	4540	4770	4960
23	6340	5820	5210	7060	5550	5650	5460	4530	5570	4760	4740	4840
24	7620	5270	5630	6070	5580	6030	5950	4650	4540	4830	4710	4780
25	6390	5570	5850	5570	5540	5950	6220	4800	4280	4650	4730	4710
26	5710	5960	6050	5460	5490	5660	6490	4740	4280	4360	4720	4740
27	6180	6150	6080	5690	5430	5600	7080	4640	4380	4240	4660	4690
28	7590	7150	5550	5850	5350	5580	6190	4530	4480	4280	4650	4660
29	8090	7570	5370	6020	5150	5390	5750	4480	4370	4380	4660	4580
30	7250	6140	6020	6430	---	5230	5420	4440	4360	4740	4550	4750
31	6600	---	6460	6160	---	5270	---	4520	---	4680	4740	---
TOTAL	234100	193640	180310	190960	179630	177580	163830	146330	136790	140420	143460	162700
MEAN	7552	6455	5816	6160	6194	5728	5461	4720	4560	4530	4628	5423
MAX	12900	9360	7960	7180	12500	7170	7080	5220	5570	5470	4880	9680
MIN	5370	5100	4920	5460	5060	5190	4810	4440	4180	4150	4370	4580

WTR YR 1988 TOTAL 2049750 MEAN 5600 MAX 12900 MIN 4150

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 27.0°C, July 21, 1988; minimum, 4.3°C, Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 27.0°C, July 21; minimum, 5.5°C, Jan. 9.

TEMPERATURE (°C) OF WATER, 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	21.0	20.5	21.0	17.5	17.0	17.0	14.5	13.5	14.0	11.0	10.0	10.5
2	21.0	20.5	20.5	18.0	17.5	17.5	13.5	12.5	13.0	11.0	10.5	11.0
3	20.5	20.5	20.5	18.0	17.5	18.0	12.5	12.0	12.0	11.0	10.0	10.5
4	20.5	20.0	20.5	18.5	18.0	18.0	12.5	12.0	12.0	10.0	9.5	10.0
5	20.0	19.5	20.0	18.5	18.0	18.5	12.0	11.5	12.0	10.0	9.5	9.5
6	19.5	18.5	19.5	18.5	17.5	17.5	12.0	11.5	11.5	9.0	9.0	9.0
7	19.0	18.5	19.0	17.5	16.5	17.0	11.5	11.5	11.5	9.0	7.0	8.0
8	18.5	18.5	18.5	17.0	16.0	16.5	12.5	11.5	12.0	7.0	6.5	6.5
9	18.5	18.0	18.0	16.5	16.0	16.5	13.0	12.0	12.5	6.5	5.5	6.0
10	18.5	18.0	18.5	17.5	16.5	17.0	14.0	13.0	13.5	6.5	6.0	6.0
11	19.0	18.5	19.0	17.5	16.5	17.0	14.0	13.5	13.5	7.0	6.5	7.0
12	19.0	18.5	18.5	16.0	16.0	16.0	13.5	13.5	13.5	7.5	6.5	7.0
13	18.5	18.0	18.0	16.0	14.5	15.0	13.5	12.5	13.0	7.5	7.0	7.0
14	18.0	17.5	17.5	15.0	14.5	15.0	13.0	12.5	13.0	7.5	7.0	7.0
15	17.5	17.0	17.0	15.5	14.5	15.0	13.5	13.0	13.5	7.5	7.0	7.0
16	17.5	17.0	17.5	16.0	15.5	15.5	13.0	12.0	12.5	7.5	6.5	7.0
17	18.0	17.0	17.5	16.0	16.0	16.0	12.0	11.0	11.5	8.0	7.0	7.5
18	18.0	17.0	17.5	17.0	16.0	16.5	11.0	10.5	10.5	8.5	8.0	8.0
19	18.5	17.5	18.0	16.5	15.5	16.0	10.5	10.0	10.0	9.0	8.5	9.0
20	19.0	18.0	18.5	15.5	14.5	15.0	11.5	10.5	11.0	10.0	9.0	9.5
21	19.0	18.5	18.5	14.5	14.0	14.0	12.0	11.5	12.0	10.0	10.0	10.0
22	18.5	17.5	18.0	14.0	13.0	13.5	12.5	12.0	12.5	10.0	9.5	9.5
23	17.5	17.0	17.0	13.5	13.0	13.0	12.5	12.0	12.5	9.5	8.5	9.0
24	17.0	16.5	17.0	14.0	13.0	13.5	12.0	12.0	12.0	8.5	7.5	8.0
25	17.5	17.0	17.0	14.5	14.0	14.0	12.5	12.0	12.5	8.5	8.0	8.5
26	17.5	17.0	17.5	15.5	14.5	15.0	13.0	12.5	12.5	8.0	7.5	8.0
27	17.5	17.5	17.5	16.0	15.5	15.5	13.5	13.0	13.0	7.5	7.0	7.5
28	17.5	17.5	17.5	16.0	15.5	16.0	13.5	13.0	13.5	7.0	6.5	7.0
29	17.5	16.5	17.0	15.5	15.5	15.5	13.5	12.0	12.5	7.5	6.5	7.0
30	17.0	16.5	16.5	15.5	14.5	15.0	12.0	11.0	11.5	8.0	7.0	7.5
31	17.0	16.5	17.0	---	---	---	10.5	10.0	10.0	9.0	8.0	8.5
MONTH	21.0	16.5	18.0	18.5	13.0	16.0	14.5	10.0	12.5	11.0	5.5	8.0

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.0	9.0	9.5	11.5	11.0	11.0	16.5	16.0	16.0	18.0	17.0	17.5
2	11.0	10.0	10.5	11.5	10.5	11.0	16.5	16.0	16.0	18.5	17.0	17.5
3	11.5	11.0	11.0	11.5	11.0	11.5	16.0	15.5	16.0	18.5	17.5	18.0
4	12.0	11.5	12.0	12.5	11.5	12.0	16.5	16.0	16.0	19.0	18.5	18.5
5	12.0	10.5	11.0	12.5	12.0	12.0	17.0	16.0	16.5	19.5	18.5	19.0
6	10.0	9.5	10.0	12.5	12.0	12.0	16.5	16.0	16.0	19.0	18.0	18.5
7	9.5	8.5	9.0	12.5	11.5	12.0	16.0	15.0	15.5	19.0	18.0	18.5
8	8.5	8.5	8.5	13.0	12.0	12.5	15.5	15.0	15.5	19.0	18.5	19.0
9	8.5	7.5	8.0	13.0	12.5	13.0	15.5	15.0	15.5	19.5	19.0	19.0
10	8.5	8.0	8.5	13.0	12.5	13.0	16.0	15.0	15.5	20.5	19.5	20.0
11	9.0	8.0	8.5	13.0	11.5	12.5	16.5	16.0	16.5	21.5	20.0	20.5
12	9.0	8.5	9.0	12.5	11.5	12.5	16.5	15.5	16.0	21.0	20.5	21.0
13	9.0	8.0	8.5	14.0	12.5	13.0	16.0	15.0	15.5	20.5	19.5	20.0
14	8.5	7.5	8.0	13.5	13.0	13.0	16.0	15.0	15.5	20.5	19.5	20.0
15	8.5	8.0	8.5	13.0	12.0	12.5	16.5	15.0	16.0	21.5	20.5	21.0
16	9.0	8.0	8.5	12.0	11.0	11.5	17.0	16.0	16.5	21.5	20.5	21.0
17	9.0	8.5	8.5	11.0	10.0	10.5	18.0	16.5	17.0	21.5	21.0	21.0
18	9.0	8.5	8.5	11.0	10.5	10.5	18.0	17.0	17.5	22.0	20.5	21.5
19	9.5	9.0	9.0	11.0	11.0	11.0	18.5	17.5	18.0	21.5	21.0	21.5
20	9.5	9.0	9.0	12.0	10.5	11.0	18.5	17.5	18.0	21.5	21.0	21.0
21	9.5	9.0	9.5	13.0	11.5	12.0	19.0	17.5	18.0	21.5	21.0	21.0
22	9.5	9.0	9.5	13.5	12.5	13.0	19.5	18.5	19.0	22.0	21.0	21.5
23	10.0	9.0	9.5	14.0	13.0	13.5	19.0	18.5	19.0	22.5	21.5	22.0
24	10.5	10.0	10.0	14.5	14.0	14.5	20.0	18.5	19.0	23.0	22.0	22.5
25	10.0	9.5	10.0	15.0	14.0	14.5	19.5	18.5	19.0	22.5	21.5	22.0
26	10.0	9.5	10.0	15.5	15.0	15.0	18.5	18.5	18.5	22.0	21.5	22.0
27	10.5	9.5	10.0	16.0	15.0	15.5	19.0	18.0	18.5	21.5	21.0	21.0
28	10.5	10.0	10.0	15.5	14.5	15.5	19.0	18.0	18.5	21.0	20.0	20.5
29	11.0	10.0	10.5	16.0	15.0	15.5	18.0	17.5	18.0	21.5	20.5	21.0
30	---	---	---	16.0	15.5	16.0	18.0	17.0	17.5	22.0	21.0	21.5
31	---	---	---	16.5	15.5	16.0	---	---	---	22.5	21.0	22.0
MONTH	12.0	7.5	9.5	16.5	10.0	13.0	20.0	15.0	17.0	23.0	17.0	20.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.0	22.0	22.5	24.0	23.5	23.5	26.0	25.0	25.5	24.0	23.5	24.0
2	23.0	22.5	23.0	23.5	23.0	23.5	---	---	---	24.0	23.0	23.5
3	23.0	22.5	23.0	23.0	22.5	22.5	---	---	---	23.5	22.5	23.0
4	22.5	22.0	22.5	22.5	22.0	22.5	---	---	---	23.5	23.0	23.5
5	22.5	21.5	22.0	23.0	22.0	22.5	---	---	---	23.5	23.0	23.5
6	22.5	21.5	22.0	23.0	22.0	22.5	25.5	25.0	25.5	23.5	23.0	23.5
7	23.5	22.0	22.5	23.0	22.0	22.5	25.5	24.5	25.0	23.5	23.0	23.0
8	23.5	23.0	23.0	23.5	23.0	23.0	25.5	24.0	25.0	23.0	22.0	22.5
9	23.5	22.5	23.0	24.0	23.0	23.5	26.0	24.5	25.5	22.0	22.0	22.0
10	23.0	22.0	22.5	24.5	23.5	24.0	26.5	25.5	26.0	22.0	20.5	21.0
11	22.5	21.5	22.0	24.5	24.0	24.5	26.0	25.5	25.5	22.5	21.0	21.5
12	22.5	21.5	22.0	25.0	24.0	24.5	26.0	25.0	25.5	23.0	22.5	23.0
13	22.5	21.5	22.0	25.5	24.5	25.0	25.5	25.0	25.5	23.5	22.5	23.0
14	23.0	22.0	22.5	26.0	25.0	25.5	25.5	25.0	25.0	24.5	23.5	24.0
15	23.5	22.5	23.0	26.0	25.0	25.5	25.5	24.5	25.0	24.5	24.0	24.5
16	24.0	23.0	23.5	26.0	25.5	26.0	26.0	25.0	25.5	24.5	23.5	24.0
17	24.0	23.5	23.5	26.0	25.5	25.5	26.5	25.0	26.0	23.5	23.0	23.0
18	24.0	23.0	23.5	26.5	25.5	26.0	26.5	25.5	26.0	23.0	22.5	23.0
19	24.5	23.5	23.5	26.5	26.0	26.5	26.5	25.5	26.0	23.0	22.5	23.0
20	24.5	23.0	24.0	26.5	26.0	26.5	26.5	25.5	26.0	23.0	22.5	23.0
21	24.5	23.5	24.0	27.0	26.0	26.5	26.5	26.0	26.0	23.5	22.5	23.0
22	25.0	24.5	25.0	26.5	25.5	26.0	26.0	25.0	25.5	24.0	23.0	23.5
23	25.0	24.5	25.0	25.5	25.0	25.0	25.5	25.0	25.0	24.0	23.0	23.5
24	25.0	24.5	24.5	25.0	24.5	25.0	25.5	24.5	25.0	24.5	23.5	24.0
25	25.0	24.0	24.5	25.0	24.5	25.0	25.5	24.5	25.0	24.5	24.0	24.5
26	25.5	24.5	25.0	25.0	24.5	24.5	25.0	24.5	24.5	24.0	23.5	23.5
27	25.0	24.5	25.0	25.5	24.5	25.0	25.0	24.0	24.5	23.5	22.5	23.0
28	25.0	24.0	24.5	26.0	25.0	25.5	24.5	24.5	24.5	23.5	22.5	23.0
29	25.5	24.5	25.0	26.0	25.5	25.5	---	---	---	23.5	23.0	23.0
30	25.0	23.5	24.5	25.5	25.0	25.5	---	---	---	23.0	22.5	23.0
31	---	---	---	25.5	24.5	25.0	---	---	---	---	---	---
MONTH	25.5	21.5	23.5	27.0	22.0	24.5	26.5	24.0	25.5	24.5	20.5	23.0
YEAR	27.0	5.5	17.5									

02197321 X-004 AT SAVANNAH RIVER PLANT, 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 SRP Road A-4.7 (River Road), at Savannah River Plant.

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 discharge, Oct. 26, 27, Nov. 17, 26, Dec. 3, 4, 14, 27, 31, Jan. 1-4, 17, 20, Feb. 15, 17-19, Mar. 4, 9, 10, 14-18, 21-26, Apr. 5, 6, 11, 12, 18, 19, 23, 25, May 10, 24, 26, 31, June 1, 3, 6-9, 26, 27, 30, July 11, 12, 19, 20, 23, 31, Aug. 1, 6, 9, 11, 14, 21, 23, 24, 28, 29, 31, Sept. 2, 4, 5, 8-10, 17, 25. Flow regulated by Savannah River Plant 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, Apr. 6, gage height, 1.73 ft; minimum daily, 0.04 ft^3/s, Dec. 11, Jan. 13.

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	.09	.11	.10	.07	.07	.11	.16	.16	.38	.09	.12	.25
2	.09	.12	.12	.07	.09	.07	.15	.15	.31	.09	.11	.16
3	.09	.12	.11	.07	.05	.07	.14	.16	.22	.09	.18	.09
4	.09	.12	.07	.07	.05	.09	.16	.16	.12	.09	.13	.12
5	.09	.12	.07	.07	.06	.07	.09	.13	.12	.09	.08	.09
6	.09	.12	.07	.07	.07	.07	.22	.11	.22	.09	.09	.19
7	.09	.12	.07	.07	.11	.07	.16	.12	.32	.11	.08	.21
8	.11	.12	.07	.07	.12	.08	.16	.12	.40	.09	.07	.29
9	.11	.12	.07	.07	.12	.09	.16	.12	.22	.08	.12	.29
10	.12	.12	.07	.07	.13	.22	.16	.16	.11	.08	.11	.12
11	.12	.14	.04	.07	.13	.33	.22	.10	.09	.16	.09	.12
12	.11	.13	.05	.07	.20	.28	.16	.13	.10	.22	.08	.10
13	.12	.13	.05	.04	.32	.28	.16	.13	.20	.15	.07	.10
14	.15	.12	.07	.08	.29	.36	.13	.13	.27	.09	.07	.10
15	.18	.13	.07	.09	.40	.36	.14	.12	.29	.08	.07	.09
16	.16	.14	.07	.09	.32	.40	.14	.12	.29	.09	.07	.09
17	.16	.16	.07	.10	.36	.40	.16	.13	.29	.09	.12	.12
18	.17	.09	.07	.09	.36	.40	.17	.12	.29	.09	.13	.09
19	.16	.09	.07	.09	.36	.17	.17	.10	.29	.16	.09	.09
20	.16	.09	.07	.10	.23	.17	.16	.09	.16	.29	.09	.09
21	.16	.09	.07	.08	.20	.40	.16	.11	.09	.26	.12	.09
22	.16	.09	.07	.07	.15	.40	.16	.12	.09	.15	.09	.09
23	.16	.09	.07	.07	.21	.40	.17	.15	.10	.16	.12	.08
24	.16	.10	.07	.07	.15	.40	.16	.09	.09	.08	.09	.07
25	.16	.10	.07	.07	.16	.40	.17	.07	.09	.08	.17	.09
26	.17	.16	.07	.07	.13	.40	.16	.17	.09	.08	.13	.07
27	.17	.09	.07	.07	.12	.12	.16	.33	.09	.17	.08	.08
28	.16	.09	.07	.07	.13	.13	.16	.33	.09	.24	.09	.07
29	.16	.09	.08	.07	.13	.13	.15	.33	.09	.15	.09	.07
30	.13	.10	.07	.07	---	.14	.15	.32	.12	.09	.09	.07
31	.12	---	.07	.07	---	.15	---	.32	---	.12	.16	---
TOTAL	4.17	3.41	2.23	2.30	5.22	7.16	4.77	4.90	5.63	3.90	3.20	3.58
MEAN	.13	.11	.072	.074	.18	.23	.16	.16	.19	.13	.10	.12
MAX	.18	.16	.12	.10	.40	.40	.22	.33	.40	.29	.18	.29
MIN	.09	.09	.04	.04	.05	.07	.09	.07	.09	.08	.07	.07

CAL YR 1987 TOTAL 28.65 MEAN .078 MAX .20 MIN .02
WTR YR 1988 TOTAL 50.47 MEAN .14 MAX .40 MIN .04

02197323 D-006 AT SAVANNAH RIVER PLANT, 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 SRP Roads 3 and A-4, at Savannah River Plant.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except for estimated daily discharges: Oct. 15, Nov. 17, Mar. 10, Apr. 6, 19, 23, May 10, June 8-10, 30, July 11, Aug. 29, Sept. 9, 25, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, June 29, 1984, gage height, 5.06 ft; minimum daily, 0.54 ft^3/s, Sept. 4, 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, June 8, gage height, 3.02 ft; minimum daily, 0.8 ft^3/s, Oct. 15.

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	1.5	2.1	2.5	2.3	2.4	2.4	2.4	2.5	2.5	2.7	2.8	2.5
2	1.5	2.2	2.4	2.8	2.4	2.4	2.4	2.0	2.5	2.7	2.6	2.6
3	1.5	2.3	2.5	2.8	2.4	2.4	2.4	2.2	2.4	2.7	2.6	2.6
4	1.5	2.4	2.5	2.3	2.4	2.7	2.4	2.3	2.4	2.7	2.6	2.8
5	1.5	2.4	2.5	2.3	2.3	2.4	2.3	2.2	2.5	2.7	2.6	2.7
6	1.5	2.6	2.5	2.3	2.3	2.4	3.5	2.3	2.6	2.7	2.6	2.6
7	1.5	2.7	2.4	2.3	2.4	2.5	2.4	2.3	2.5	2.6	2.6	2.6
8	1.5	2.7	2.4	2.4	2.4	2.5	2.3	2.2	4.0	2.5	2.6	2.9
9	1.5	2.7	2.4	2.3	2.4	2.5	2.4	2.3	3.9	2.5	2.6	4.4
10	1.5	2.9	2.5	2.3	2.4	3.8	2.3	2.8	3.3	2.5	2.6	2.7
11	1.5	2.8	2.4	2.2	2.4	2.4	2.6	2.4	2.5	3.3	2.7	2.7
12	1.5	2.8	2.4	2.3	2.4	2.4	2.8	2.4	2.6	2.6	2.6	2.6
13	1.5	2.8	2.3	2.2	2.4	2.5	2.4	2.4	2.6	2.6	2.6	2.6
14	1.5	2.9	2.4	2.2	2.5	2.4	2.4	2.4	2.6	2.6	2.6	2.7
15	.80	2.8	2.7	2.2	2.5	2.5	2.5	2.4	2.6	2.6	2.6	2.6
16	1.4	2.8	2.6	2.2	2.4	2.5	2.5	2.4	2.7	2.6	2.6	2.7
17	1.4	3.6	2.4	2.4	2.4	2.5	2.6	2.4	2.7	2.7	2.6	3.0
18	1.4	2.7	2.6	2.3	2.4	2.5	2.7	2.4	2.6	2.6	2.7	2.7
19	1.6	2.6	2.4	2.3	3.1	2.5	4.2	2.4	2.6	2.6	2.6	2.7
20	1.7	2.6	2.4	2.6	2.5	2.5	2.4	2.4	2.6	2.6	2.7	2.7
21	1.8	2.7	2.4	2.2	2.4	2.5	2.5	2.4	2.7	2.6	2.7	2.7
22	1.9	2.7	2.5	2.2	2.4	2.5	2.4	2.4	2.7	2.6	2.7	2.8
23	1.9	2.7	2.3	2.2	2.4	2.6	3.9	2.4	2.7	2.8	2.7	2.8
24	1.8	2.7	2.3	2.2	2.3	2.5	2.5	2.6	2.7	2.6	2.7	2.8
25	1.8	2.6	2.3	2.4	2.3	2.5	2.8	2.4	2.7	2.6	2.7	4.2
26	1.9	2.8	2.3	2.3	2.4	2.5	2.5	2.4	2.8	2.6	2.6	2.9
27	2.1	2.7	2.4	2.3	2.4	2.5	2.5	2.4	2.9	2.6	2.6	2.7
28	2.1	2.6	2.4	2.3	2.4	2.4	2.5	2.4	2.7	2.6	2.7	2.7
29	2.1	2.5	2.3	2.3	2.4	2.5	2.4	2.5	2.7	2.6	3.4	2.7
30	2.1	2.5	2.3	2.3	---	2.4	2.5	2.6	3.6	2.6	2.6	2.8
31	2.1	---	2.3	2.4	---	2.4	---	2.5	---	2.7	2.6	---
TOTAL	50.90	79.9	75.0	72.1	70.2	78.0	78.4	74.1	82.9	82.0	82.5	84.5
MEAN	1.64	2.66	2.42	2.33	2.42	2.52	2.61	2.39	2.76	2.65	2.66	2.82
MAX	2.1	3.6	2.7	2.8	3.1	3.8	4.2	2.8	4.0	3.3	3.4	4.4
MIN	.80	2.1	2.3	2.2	2.3	2.4	2.3	2.0	2.4	2.5	2.6	2.5

CAL YR 1987 TOTAL 761.10 MEAN 2.09 MAX 7.1 MIN .80
WTR YR 1988 TOTAL 910.50 MEAN 2.49 MAX 4.4 MIN .80

02197323 D-006 AT SAVANNAH RIVER PLANT, 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.--Digital recorder and USGS mini-monitor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 30.0°C, June 22, July 14-18, 1988; minimum, 8.5°C, Jan. 7, 9, Feb. 13, 16, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.0°C, June 22, July 14-18; minimum, 8.5°C, Jan. 7, 9, Feb. 13, 16.

TEMPERATURE (°C) OF WATER, 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	21.0	19.5	20.5	18.5	17.0	17.5	14.5	13.5	14.0	16.0	13.0	13.5
2	20.5	19.5	20.0	19.0	17.5	18.0	13.5	12.5	13.0	19.0	12.5	14.0
3	20.0	18.5	19.5	19.5	17.5	18.5	13.0	12.0	12.5	12.5	10.5	11.5
4	19.5	18.0	18.5	19.5	18.5	19.5	13.0	12.0	12.5	12.5	11.5	12.0
5	19.5	17.5	18.5	20.0	18.5	19.5	12.5	11.5	12.0	12.0	11.0	11.5
6	19.5	18.0	19.0	18.5	17.0	18.0	12.5	11.5	12.0	11.5	10.5	11.0
7	19.5	18.0	19.0	18.0	16.5	17.0	13.0	12.0	12.5	11.0	8.5	10.0
8	19.0	17.5	18.5	18.0	16.5	17.0	14.0	13.0	13.5	9.5	9.0	9.5
9	19.0	17.5	18.0	18.0	16.0	17.0	15.0	13.5	14.0	10.0	8.5	9.0
10	19.0	17.5	18.5	19.0	17.5	18.5	16.5	14.5	15.0	16.5	11.0	15.0
11	20.0	18.5	19.0	17.5	15.5	16.5	15.5	14.5	15.0	17.5	16.0	17.0
12	19.5	18.5	19.0	16.5	15.0	15.5	15.5	14.5	15.0	18.5	17.0	17.5
13	18.5	18.0	18.0	17.0	15.0	15.5	15.0	14.0	14.5	19.0	17.5	18.0
14	18.0	17.0	17.5	17.5	14.5	15.5	15.5	14.0	14.5	18.0	17.0	17.5
15	18.5	15.5	17.0	17.5	14.5	16.0	17.0	15.0	16.0	16.5	11.5	15.5
16	18.0	16.5	17.5	17.5	16.5	17.0	14.5	13.5	14.0	11.5	10.5	11.0
17	18.5	16.5	17.5	18.0	17.0	17.5	14.0	12.5	13.5	11.0	10.5	11.0
18	19.0	17.0	18.0	18.0	16.5	17.0	13.0	12.0	12.5	12.5	11.0	11.5
19	19.5	17.5	18.5	16.5	16.0	16.5	13.5	12.0	13.0	12.5	12.0	12.0
20	20.0	18.0	19.0	16.0	15.0	15.5	15.0	13.5	14.0	15.0	13.0	13.5
21	19.5	18.0	19.0	15.0	14.0	14.5	21.0	15.0	16.5	13.0	12.0	12.5
22	18.5	17.0	17.5	14.5	13.5	14.0	21.5	19.5	21.0	12.0	11.5	12.0
23	18.5	16.5	17.5	14.5	13.0	14.0	20.5	14.0	18.5	11.5	10.5	11.0
24	18.5	16.5	17.5	15.0	13.5	14.5	15.0	14.0	14.5	10.5	10.0	10.5
25	18.0	17.0	17.5	15.5	14.0	15.0	15.5	15.0	15.5	11.0	10.5	11.0
26	18.5	17.5	18.0	16.5	15.5	16.0	16.5	15.5	16.0	10.5	9.5	10.0
27	19.0	18.0	18.5	17.0	16.0	16.5	16.0	16.0	16.0	10.0	9.5	9.5
28	18.5	17.5	18.0	16.5	16.0	16.5	22.0	16.0	17.0	10.0	9.0	9.5
29	18.0	16.5	17.0	16.5	15.5	16.0	15.5	14.0	14.5	10.0	9.0	9.5
30	18.0	16.5	17.0	15.5	14.5	15.0	14.0	13.0	13.5	10.5	9.5	10.0
31	18.0	16.5	17.0	---	---	---	13.0	12.5	13.0	12.0	10.5	11.0
MONTH	21.0	15.5	18.0	20.0	13.0	16.5	22.0	11.5	14.5	19.0	8.5	12.0

02197323 D-006 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	12.5	11.5	12.0	13.0	11.0	12.0	18.0	16.5	17.0	21.0	19.5	20.0
2	15.5	12.5	13.5	13.0	11.0	12.0	18.5	16.5	17.5	22.5	19.0	20.0
3	17.5	15.5	16.5	13.0	12.0	12.5	18.5	17.0	17.5	22.0	20.0	21.0
4	18.5	14.5	16.5	14.0	12.5	13.5	19.0	17.0	18.0	21.5	20.0	21.0
5	14.5	11.5	13.0	14.0	13.0	13.5	19.5	16.5	18.0	22.0	20.5	21.0
6	11.5	10.0	10.5	14.0	12.5	13.0	19.0	16.0	17.5	22.0	20.0	21.0
7	13.0	9.0	10.0	14.5	12.0	13.5	17.5	16.0	16.5	22.0	20.0	21.0
8	13.0	12.5	13.0	15.0	12.5	14.0	19.5	17.5	18.5	22.0	20.0	21.0
9	13.5	11.5	12.5	15.5	14.0	14.5	20.0	17.5	18.5	22.5	20.5	21.5
10	13.5	9.0	12.0	16.5	13.0	14.5	19.5	17.5	18.5	22.5	20.5	21.5
11	10.0	9.0	9.5	14.5	12.5	13.5	20.0	17.5	19.0	23.5	20.5	22.0
12	10.0	9.0	9.5	15.0	12.5	13.5	18.0	13.5	16.5	23.0	21.0	22.0
13	11.0	8.5	9.5	15.5	14.0	14.5	19.0	16.0	17.0	22.5	22.0	22.5
14	11.0	9.0	10.0	15.0	13.0	14.0	18.0	15.5	16.5	23.5	22.0	22.5
15	10.5	9.0	10.0	14.0	12.5	13.0	18.0	16.0	17.0	24.5	22.5	23.5
16	11.0	8.5	10.0	13.5	12.0	12.5	18.5	17.0	17.5	24.5	23.0	23.5
17	11.5	9.5	10.5	13.0	11.0	12.0	19.5	16.5	18.0	22.5	21.5	22.0
18	11.5	9.5	10.5	12.0	11.0	11.5	20.0	18.0	18.5	23.0	21.0	22.0
19	10.5	10.0	10.0	12.5	11.5	12.0	20.5	16.5	19.0	23.5	21.5	22.5
20	10.5	10.0	10.0	13.5	11.0	12.5	20.5	17.5	19.0	23.5	21.5	22.5
21	11.0	9.5	10.0	14.5	12.0	13.0	20.5	18.0	19.5	23.0	21.5	22.5
22	11.5	9.0	10.0	15.0	13.0	14.0	21.5	19.0	20.0	23.5	22.0	22.5
23	11.5	9.5	10.5	16.0	13.5	14.5	21.0	19.0	20.0	24.5	22.0	23.5
24	12.0	10.5	11.0	16.0	14.5	15.0	22.0	19.0	20.0	25.0	22.5	23.5
25	11.5	9.5	10.5	16.5	14.5	15.5	21.0	19.0	19.5	24.0	22.5	23.0
26	11.5	9.5	10.5	17.0	16.0	16.5	21.0	19.0	20.0	23.5	21.5	22.5
27	12.0	10.0	11.0	17.5	15.5	16.5	22.5	20.5	21.5	23.0	21.0	21.5
28	12.0	10.0	11.0	17.5	15.0	16.0	21.5	20.0	20.5	22.5	20.5	21.5
29	12.5	10.0	11.0	18.0	15.0	16.5	21.5	19.5	20.5	23.5	20.5	22.0
30	---	---	---	18.0	16.0	17.0	20.5	19.5	20.0	23.5	21.5	22.5
31	---	---	---	18.5	16.0	17.0	---	---	---	24.0	21.5	23.0
MONTH	18.5	8.5	11.0	18.5	11.0	14.0	22.5	13.5	18.5	25.0	19.0	22.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.0	22.5	23.5	27.5	26.0	26.5	28.5	26.0	27.0	26.0	25.0	25.5
2	26.5	24.0	25.0	26.5	25.0	26.0	28.0	26.0	27.0	25.5	24.5	25.0
3	25.5	22.5	24.0	25.5	25.0	25.5	28.0	27.0	27.5	25.5	24.5	25.0
4	24.0	22.0	23.0	25.5	24.5	25.0	27.5	27.0	27.5	26.0	25.0	25.5
5	24.0	21.0	22.5	26.0	23.5	25.0	27.5	26.5	27.0	25.5	24.5	25.0
6	24.5	21.5	23.0	26.0	25.0	25.5	28.0	26.5	27.0	25.5	25.0	25.0
7	25.0	22.5	24.0	26.0	23.5	25.0	27.0	26.0	26.5	25.0	24.5	25.0
8	26.0	22.5	24.5	27.0	25.0	26.0	27.0	25.5	26.5	24.5	23.0	23.5
9	27.5	22.0	25.5	27.0	25.5	26.5	28.0	26.5	27.0	24.5	21.5	23.5
10	26.0	24.0	25.0	27.5	26.5	27.0	28.5	27.0	27.5	23.5	23.0	23.5
11	26.0	23.5	24.5	28.0	26.5	27.0	27.5	27.0	27.0	24.0	23.0	23.5
12	26.0	23.0	24.5	28.5	27.0	28.0	27.5	26.5	27.0	25.0	24.0	24.5
13	25.5	23.5	24.5	29.5	27.5	28.5	27.5	26.5	27.0	25.5	24.0	25.0
14	25.5	23.0	24.5	30.0	28.5	29.0	27.5	26.5	27.0	26.5	25.0	26.0
15	26.0	24.0	25.0	30.0	28.0	29.0	27.0	26.0	26.5	27.0	25.5	26.0
16	27.5	23.5	25.0	30.0	28.5	29.5	27.5	26.5	27.0	26.0	25.0	25.5
17	28.5	24.5	26.5	30.0	28.5	29.0	28.5	26.5	27.5	25.5	24.5	25.0
18	27.5	25.5	26.5	30.0	28.0	29.0	29.0	27.0	28.0	24.5	24.0	24.5
19	28.0	25.0	26.5	29.0	27.5	28.0	29.0	27.0	28.0	25.0	24.0	24.5
20	29.0	25.0	27.0	28.5	27.5	28.0	28.0	27.0	28.0	25.5	23.5	24.5
21	28.5	26.0	27.0	29.0	27.5	28.0	28.5	27.5	27.5	25.5	24.5	25.5
22	30.0	27.5	29.0	28.0	26.5	27.5	27.5	27.0	27.5	26.0	24.0	25.0
23	29.0	27.5	28.5	27.0	25.5	26.5	27.5	26.5	27.0	26.0	24.5	25.5
24	29.0	27.5	28.0	27.0	25.5	26.5	27.5	26.5	27.0	26.0	25.0	25.5
25	28.5	26.5	27.5	27.0	25.5	26.5	27.5	26.5	27.0	26.5	24.0	25.5
26	29.5	27.5	28.5	26.5	25.5	26.0	27.0	25.5	26.5	25.0	23.5	24.5
27	28.0	26.0	27.5	27.5	26.0	26.5	27.0	26.0	26.5	24.0	23.0	23.5
28	28.0	26.0	27.0	27.5	26.5	27.0	26.5	26.0	26.5	24.5	23.0	23.5
29	29.0	26.5	27.5	28.5	27.0	27.5	27.0	26.0	26.5	24.5	23.5	24.0
30	28.0	25.0	27.0	27.5	26.0	27.0	27.0	25.5	26.5	24.5	23.0	24.0
31	---	---	---	27.0	26.0	26.5	26.5	25.5	26.0	---	---	---
MONTH	30.0	21.0	25.5	30.0	23.5	27.0	29.0	25.5	27.0	27.0	21.5	24.5
YEAR	30.0	8.5	19.5									

02197324 D-003 AT SAVANNAH RIVER PLANT, 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 Plant.

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, Oct. 5, Mar. 10, Apr. 6, 19, 23, May 10, June 8, 9, 30, July 11, Aug. 29, Sept. 9, 17, 25, 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, Sept 25, gage height, 3.16 ft, (from indicator); minimum daily, 0.01 ft^3/s, July 1, 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	.10	.05	.04	.04	.04	.04	.04	.03	.03	.01	.04	.11
2	.10	.05	.04	.06	.04	.04	.04	.03	.03	.01	.04	.12
3	.10	.05	.04	.06	.04	.04	.03	.03	.03	.02	.03	.10
4	.10	.05	.04	.04	.04	.05	.03	.04	.03	.02	.04	.13
5	.07	.05	.04	.04	.04	.04	.03	.03	.03	.02	.03	.12
6	.05	.04	.04	.04	.04	.04	.04	.03	.03	.02	.04	.11
7	.05	.04	.08	.04	.04	.04	.03	.03	.03	.02	.04	.11
8	.05	.04	.04	.05	.04	.04	.03	.03	.04	.02	.04	.14
9	.05	.05	.04	.05	.04	.04	.03	.03	.04	.03	.04	.21
10	.05	.04	.04	.05	.05	.05	.03	.04	.03	.03	.04	.12
11	.05	.04	.04	.04	.05	.03	.05	.03	.02	.04	.06	.12
12	.05	.04	.04	.04	.05	.03	.04	.03	.02	.02	.05	.11
13	.05	.04	.05	.04	.05	.04	.03	.03	.02	.02	.06	.12
14	.05	.04	.04	.04	.05	.04	.04	.03	.02	.02	.07	.12
15	.04	.04	.05	.04	.04	.04	.04	.03	.02	.02	.07	.13
16	.05	.04	.04	.04	.04	.04	.04	.03	.02	.02	.07	.14
17	.05	.06	.04	.04	.04	.04	.04	.03	.02	.02	.07	.18
18	.05	.04	.04	.04	.04	.04	.04	.03	.02	.02	.07	.14
19	.04	.04	.04	.04	.06	.04	.05	.03	.02	.02	.07	.14
20	.05	.04	.04	.05	.04	.04	.03	.03	.02	.02	.08	.14
21	.05	.04	.04	.04	.04	.04	.03	.03	.02	.02	.09	.14
22	.05	.04	.05	.04	.04	.04	.03	.03	.02	.02	.08	.12
23	.05	.04	.04	.04	.04	.04	.05	.03	.02	.04	.09	.07
24	.05	.04	.04	.04	.04	.04	.04	.04	.02	.02	.08	.07
25	.05	.04	.04	.04	.04	.04	.05	.03	.02	.02	.09	.09
26	.05	.04	.04	.04	.04	.04	.04	.03	.02	.03	.09	.07
27	.05	.04	.04	.05	.04	.04	.03	.03	.03	.03	.09	.06
28	.05	.04	.05	.04	.04	.04	.03	.03	.02	.03	.11	.05
29	.05	.04	.04	.05	.04	.04	.03	.03	.02	.03	.13	.05
30	.05	.04	.04	.04	---	.04	.03	.03	.02	.03	.10	.05
31	.05	---	.04	.04	---	.04	---	.03	---	.04	.11	---
TOTAL	1.75	1.28	1.32	1.34	1.23	1.24	1.09	0.96	0.73	0.73	2.11	3.38
MEAN	.056	.043	.043	.043	.042	.040	.036	.031	.024	.024	.068	.11
MAX	.10	.06	.08	.06	.06	.05	.05	.04	.04	.04	.13	.21
MIN	.04	.04	.04	.04	.04	.03	.03	.03	.02	.01	.03	.05

CAL YR 1987 TOTAL 23.31 MEAN .064 MAX .19 MIN .03
WTR YR 1988 TOTAL 17.16 MEAN .047 MAX .21 MIN .01

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'12'', long 81°45'05'', Barnwell County, Hydrologic Unit 03060106, on downstream side of foot bridge near left bank, 1.0 mi downstream from Area 400-D, at Savannah River Plant.

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.--Estimated daily discharges: Apr. 22 to May 9, June 27-30, July 31 to Aug. 31. Records poor. Flow regulated by Savannah River Plant operations 1.0 mile upstream.

AVERAGE DISCHARGE.--14 years, 85.8 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, 94 ft^3/s, Oct. 7, gage height, 2.13 ft; minimum daily, 37 ft^3/s, May 18, 19.

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	92	85	74	75	75	72	69	69	71	78	88	80
2	91	83	74	76	74	73	69	69	72	78	88	80
3	90	85	74	76	73	72	69	70	78	77	87	80
4	89	87	74	75	75	73	68	70	80	77	87	79
5	89	88	73	75	74	72	68	69	79	76	87	80
6	91	87	74	75	75	71	69	68	74	75	86	80
7	92	86	73	74	74	72	69	69	72	74	86	80
8	92	86	73	74	73	71	68	70	77	74	87	80
9	91	87	72	74	72	73	67	70	66	75	86	86
10	91	87	73	74	71	74	67	69	59	75	86	85
11	89	88	74	74	71	72	68	53	58	76	86	85
12	88	87	73	74	72	71	69	52	57	77	86	83
13	88	87	73	74	72	71	69	52	57	76	85	81
14	89	87	72	73	72	71	68	52	54	76	85	78
15	89	85	72	73	72	71	68	52	47	78	85	78
16	88	86	73	73	72	71	68	52	46	78	85	81
17	87	88	73	73	72	71	68	46	47	78	86	82
18	86	89	74	74	72	72	68	37	46	84	86	84
19	86	83	74	74	74	72	70	37	46	92	85	83
20	85	75	75	75	75	71	68	55	46	92	85	80
21	86	74	76	75	74	71	66	72	47	92	84	80
22	83	75	75	76	73	70	68	72	47	92	84	81
23	86	74	73	75	73	71	69	73	48	93	84	79
24	87	74	74	74	73	72	70	72	47	93	84	78
25	85	75	74	74	73	86	70	68	47	91	83	80
26	84	74	73	74	73	81	69	68	47	92	83	77
27	85	74	73	75	73	78	69	69	47	92	82	75
28	85	75	73	74	73	70	68	69	62	92	82	75
29	86	75	73	75	72	69	68	69	77	92	82	64
30	86	75	73	75	---	69	68	69	79	92	81	55
31	85	---	74	75	---	69	---	70	---	90	81	---
TOTAL	2721	2461	2278	2307	2117	2242	2052	1952	1780	2577	2632	2369
MEAN	87.8	82.0	73.5	74.4	73.0	72.3	68.4	63.0	59.3	83.1	84.9	79.0
MAX	92	89	76	76	75	86	70	73	80	93	88	86
MIN	83	74	72	73	71	69	66	37	46	74	81	55

CAL YR 1987 TOTAL 31984 MEAN 87.6 MAX 107 MIN 69
WTR YR 1988 TOTAL 27488 MEAN 75.1 MAX 93 MIN 37

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 32486 MEAN 89.0 MAX 109

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC--CONTINUED

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1987 to September 1988.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1987 to September 1988.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 34.5°C June 2, 1988; minimum, 16.0°C Jan. 28, 29, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 34.5°C June 2; minimum, 16.0°C Jan. 28, 29.

TEMPERATURE (°C) OF WATER, 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	---	---	---	24.0	23.0	23.5	21.0	20.0	20.5	---	---	---
2	---	---	---	24.5	23.0	23.5	20.0	19.0	19.5	25.5	23.0	23.5
3	---	---	---	25.0	23.5	24.0	19.5	18.5	19.0	23.0	22.0	22.5
4	---	---	---	25.0	24.0	24.0	19.5	19.0	19.5	23.0	22.5	22.5
5	---	---	---	25.5	23.5	24.5	19.0	18.5	18.5	22.5	21.5	22.0
6	---	---	---	23.5	22.5	23.0	19.0	18.0	18.5	22.0	19.0	21.0
7	---	---	---	24.0	22.0	23.0	19.0	17.5	18.0	20.5	19.0	19.5
8	---	---	---	24.5	23.0	24.0	19.0	18.0	18.5	19.5	19.0	19.0
9	---	---	---	24.5	22.5	23.5	20.0	18.5	19.0	19.5	16.5	19.0
10	---	---	---	24.5	23.5	24.0	20.5	19.5	20.0	19.0	17.5	18.5
11	---	---	---	23.5	22.5	23.0	21.5	19.5	20.5	20.0	18.0	19.0
12	---	---	---	23.5	21.5	22.5	22.0	20.0	21.5	20.0	18.0	18.5
13	---	---	---	22.5	21.0	21.5	21.0	20.5	21.0	20.0	18.0	19.0
14	---	---	---	23.0	21.0	22.0	23.0	20.0	21.5	19.0	17.5	18.0
15	---	---	---	23.5	21.0	22.5	26.0	22.0	23.0	20.5	18.0	19.0
16	---	---	---	24.0	22.0	23.0	26.0	24.5	25.0	20.0	17.0	19.0
17	---	---	---	25.0	21.5	23.5	24.5	23.0	24.0	20.0	17.5	19.0
18	---	---	---	24.5	21.5	23.0	23.5	21.5	22.5	19.5	18.5	19.0
19	---	---	---	24.5	23.0	24.0	23.0	21.5	22.0	21.0	19.5	20.0
20	---	---	---	25.0	24.0	24.5	24.0	22.0	23.5	22.0	20.0	21.5
21	---	---	---	24.0	23.0	23.5	26.0	20.0	23.0	22.5	21.5	22.0
22	---	---	---	24.0	22.0	23.0	22.0	20.5	21.0	22.5	21.5	22.0
23	---	---	---	23.5	22.0	23.0	24.5	20.0	21.5	22.0	20.5	21.0
24	---	---	---	24.0	23.0	23.5	25.5	21.5	24.5	21.0	19.5	20.5
25	---	---	---	25.5	23.5	24.5	25.0	20.5	22.0	19.0	18.0	18.5
26	---	---	---	26.0	24.5	25.5	21.5	20.5	21.0	18.0	17.0	17.5
27	---	---	---	26.5	25.5	26.0	23.5	21.0	21.5	17.5	16.5	17.0
28	---	---	---	26.0	25.0	25.5	25.5	20.0	22.0	17.0	16.0	16.5
29	23.5	22.5	23.0	25.0	23.5	24.5	26.0	22.0	25.5	17.5	16.0	16.5
30	23.0	20.0	22.0	25.0	21.0	23.0	---	---	---	19.5	16.5	18.0
31	23.0	19.5	20.5	---	---	---	---	---	---	21.0	19.0	20.0
MONTH	23.5	19.5	22.0	26.5	21.0	23.5	26.0	17.5	21.5	25.5	16.0	19.5

02197326 BEAVERDAM CREEK AT 400-D AT SAVANNAH RIVER PLANT, SC--CONTINUED

TEMPERATURE (°C) OF WATER, 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	20.0	18.0	19.0	21.5	20.0	20.5	---	---	---	---	---	---
2	21.0	19.5	20.5	21.0	19.0	20.5	---	---	---	---	---	---
3	24.5	22.0	23.5	21.0	20.5	21.0	---	---	---	---	---	---
4	25.5	22.0	24.0	22.5	21.0	21.5	---	---	---	---	---	---
5	22.0	19.5	21.0	23.5	21.5	22.0	---	---	---	---	---	---
6	20.5	19.5	20.0	23.0	21.5	22.0	28.0	26.5	27.0	---	---	---
7	19.5	17.5	19.0	22.5	21.0	21.5	27.0	25.5	26.5	---	---	---
8	18.5	18.0	18.0	23.5	21.0	22.5	27.0	25.5	26.0	---	---	---
9	19.0	17.0	18.0	23.0	21.5	22.0	26.5	25.5	26.0	---	---	---
10	20.0	18.0	18.5	22.5	20.0	21.5	27.0	25.5	26.0	---	---	---
11	19.0	18.5	18.5	22.5	20.5	21.5	27.0	25.5	26.5	28.0	26.5	27.0
12	19.0	18.0	18.5	22.0	20.5	21.0	25.5	24.0	25.0	28.0	27.0	27.5
13	18.0	17.0	17.5	22.0	20.5	21.0	25.0	23.5	24.0	27.5	27.0	27.5
14	19.0	17.5	18.0	23.0	21.0	22.0	25.5	24.0	24.5	27.5	26.5	27.0
15	18.5	18.0	18.0	22.5	20.0	21.5	26.0	24.0	25.0	28.5	27.5	28.0
16	19.0	17.5	18.0	---	---	---	26.5	25.5	26.0	29.0	28.0	28.5
17	18.5	17.5	18.0	---	---	---	27.0	25.0	26.0	28.5	28.0	28.5
18	19.0	18.0	18.0	---	---	---	27.5	24.5	26.5	29.0	27.5	28.5
19	19.0	18.0	18.5	---	---	---	28.0	24.5	27.0	29.0	28.0	28.5
20	19.0	18.5	18.5	---	---	---	28.0	26.5	27.5	29.5	28.0	28.5
21	19.5	18.0	18.5	---	---	---	28.5	27.0	28.0	31.5	28.5	29.5
22	19.5	17.5	18.5	---	---	---	---	---	---	31.0	29.5	30.0
23	19.5	18.5	19.0	24.0	21.5	23.0	---	---	---	31.5	29.5	30.5
24	20.5	19.0	19.5	24.5	21.5	23.5	---	---	---	32.0	30.0	31.0
25	20.0	18.5	19.0	23.0	20.0	22.0	---	---	---	32.0	30.5	31.0
26	20.0	18.0	19.0	22.0	20.0	20.5	---	---	---	31.0	29.0	30.0
27	20.0	18.0	19.0	---	---	---	---	---	---	29.5	27.5	28.5
28	20.0	19.0	19.5	---	---	---	---	---	---	29.5	27.5	28.5
29	20.5	18.5	19.5	---	---	---	---	---	---	30.5	28.5	29.5
30	---	---	---	---	---	---	---	---	---	30.5	29.0	30.0
31	---	---	---	---	---	---	---	---	---	32.0	29.0	30.5
MONTH	25.5	17.0	19.0	24.5	19.0	21.5	28.5	23.5	26.0	32.0	26.5	29.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	33.5	30.5	32.0	---	---	---	30.0	28.0	29.0	28.0	27.0	27.5
2	34.5	31.0	33.0	31.0	29.5	30.5	31.0	28.5	30.0	27.0	26.5	27.0
3	32.0	30.0	31.0	29.5	29.0	29.5	30.5	29.5	30.0	27.5	26.0	26.5
4	31.5	29.5	30.5	30.0	29.0	29.5	30.5	29.5	30.0	27.0	26.5	27.0
5	31.0	28.5	30.0	29.5	28.0	29.0	30.5	29.0	29.5	27.0	26.0	26.5
6	32.0	29.5	30.5	29.5	28.5	29.0	30.0	29.0	29.5	27.5	26.5	27.0
7	33.5	31.0	31.5	30.0	28.0	29.0	29.5	28.5	29.0	27.0	26.0	26.5
8	32.0	28.0	30.5	31.0	29.0	29.5	29.5	27.5	28.5	26.5	25.0	26.0
9	30.5	28.0	29.5	30.5	29.5	30.0	30.0	28.5	29.5	25.5	24.5	25.0
10	29.5	28.0	29.0	31.0	30.0	30.5	31.0	29.5	30.0	24.5	24.0	24.5
11	29.5	28.0	29.0	31.0	30.5	30.5	30.0	29.0	29.5	25.5	24.0	24.5
12	30.0	28.0	29.0	31.0	30.5	30.5	29.5	28.0	29.0	26.0	24.5	25.5
13	30.0	28.5	29.0	32.5	30.5	31.5	29.0	28.0	28.5	26.5	25.5	26.0
14	31.5	28.5	30.0	33.0	32.0	32.5	29.0	28.0	28.5	28.5	26.5	27.5
15	32.0	30.5	31.5	33.5	31.5	32.5	29.0	28.0	28.5	28.5	27.5	28.0
16	33.0	29.5	30.5	33.0	32.0	32.5	29.0	28.0	28.5	28.0	26.0	27.0
17	33.5	32.0	33.0	33.0	31.5	32.5	30.0	28.5	29.0	27.0	25.5	26.5
18	34.0	32.5	33.0	32.5	31.5	32.0	30.0	28.5	29.5	26.5	26.0	26.0
19	34.0	32.5	33.0	32.0	30.0	31.0	30.0	28.5	29.5	27.0	25.5	26.5
20	33.5	32.5	33.0	30.5	29.5	30.0	30.0	28.5	29.5	27.0	25.5	26.5
21	33.0	30.5	32.0	31.5	29.5	30.5	30.0	29.0	29.5	27.5	26.0	27.0
22	32.0	30.5	31.5	31.5	30.5	31.0	29.0	28.5	28.5	27.5	26.0	27.0
23	32.5	32.0	32.0	30.5	29.5	30.0	28.5	28.0	28.5	27.0	26.0	26.5
24	32.5	32.0	32.0	30.5	28.5	29.5	29.0	27.5	28.0	27.5	26.5	27.0
25	33.5	31.0	32.0	30.0	28.5	29.5	29.5	27.5	28.5	28.0	27.0	27.5
26	34.0	33.0	33.5	29.0	27.5	28.5	29.5	28.0	28.5	27.0	26.0	26.5
27	33.0	31.0	32.0	29.0	27.5	28.5	29.0	28.0	28.5	26.5	25.5	26.0
28	---	---	---	30.0	28.5	29.0	28.5	28.0	28.0	26.5	25.0	26.0
29	---	---	---	29.5	29.0	29.5	29.0	27.5	28.5	28.5	26.0	27.5
30	---	---	---	29.0	28.0	28.5	29.0	28.0	28.5	29.0	27.0	28.0
31	---	---	---	29.5	27.5	28.5	28.5	27.5	28.0	---	---	---
MONTH	34.5	28.0	31.0	33.5	27.5	30.0	31.0	27.5	29.0	29.0	24.0	26.5
YEAR	34.5	16.0	25.0									

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'57'', long 81°45'55'', Barnwell County, Hydrologic Unit 03060106, on left bank, 6.1 mi downstream from Upper Three Runs, 10.5 mi upstream from Steel Creek and at mile 152.1.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 37.5°C June 3, 1985; minimum, 5.9°C Jan. 23, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 33.0°C June 2; minimum, 15.5°C Feb. 13, 14.

TEMPERATURE (°C) OF WATER, 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	24.0	24.0	24.0	21.5	21.5	21.5	22.5	22.0	22.5	22.5	22.5	22.5
2	23.5	23.5	23.5	22.0	21.5	22.0	22.0	21.5	22.0	22.5	22.0	22.5
3	23.5	23.5	23.5	22.0	22.0	22.0	21.5	21.0	21.5	22.5	22.0	22.0
4	23.5	23.5	23.5	22.5	22.0	22.5	21.0	20.5	21.0	22.0	22.0	22.0
5	23.5	23.0	23.0	22.5	22.5	22.5	20.5	20.5	20.5	22.0	21.5	22.0
6	23.0	23.0	23.0	22.5	22.5	22.5	20.5	20.0	20.0	21.5	21.5	21.5
7	23.0	23.0	23.0	22.5	22.0	22.5	20.0	20.0	20.0	21.5	21.0	21.0
8	23.0	22.5	23.0	22.0	22.0	22.0	20.0	19.5	19.5	21.0	20.5	20.5
9	22.5	22.5	22.5	22.5	22.0	22.0	19.5	19.5	19.5	20.5	20.0	20.5
10	22.5	22.5	22.5	22.5	22.0	22.5	20.0	19.5	19.5	20.0	20.0	20.0
11	22.5	22.5	22.5	22.5	22.5	22.5	20.0	20.0	20.0	20.0	19.5	19.5
12	23.0	22.5	23.0	22.5	22.0	22.5	20.0	20.0	20.0	19.5	19.5	19.5
13	23.0	23.0	23.0	22.0	22.0	22.0	20.0	20.0	20.0	19.5	19.0	19.5
14	23.0	22.5	22.5	22.0	21.5	21.5	20.0	20.0	20.0	19.5	19.0	19.0
15	22.5	22.5	22.5	21.5	21.5	21.5	20.5	20.0	20.5	19.0	19.0	19.0
16	22.5	22.0	22.0	21.5	21.5	21.5	21.0	20.5	20.5	19.0	19.0	19.0
17	22.0	22.0	22.0	22.0	21.5	21.5	21.0	21.0	21.0	19.0	19.0	19.0
18	22.0	22.0	22.0	22.0	22.0	22.0	21.0	21.0	21.0	19.0	19.0	19.0
19	22.0	22.0	22.0	22.0	22.0	22.0	21.0	21.0	21.0	19.0	19.0	19.0
20	22.0	22.0	22.0	22.0	22.0	22.0	21.0	21.0	21.0	19.0	19.0	19.0
21	22.5	22.0	22.5	22.0	22.0	22.0	21.0	21.0	21.0	19.5	19.5	19.5
22	22.5	22.5	22.5	22.0	21.5	22.0	21.5	21.0	21.5	20.0	19.5	19.5
23	22.5	22.0	22.5	21.5	21.5	21.5	21.5	21.0	21.0	20.0	20.0	20.0
24	22.0	22.0	22.0	21.5	21.5	21.5	21.0	21.0	21.0	20.0	19.5	20.0
25	22.0	22.0	22.0	22.0	21.5	22.0	21.5	21.0	21.0	20.0	19.5	19.5
26	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.5	21.5	19.5	19.5	19.5
27	22.0	22.0	22.0	22.5	22.0	22.5	22.0	22.0	22.0	19.5	19.0	19.0
28	22.5	22.0	22.0	23.0	22.5	23.0	22.5	22.0	22.5	19.0	18.5	19.0
29	22.5	22.0	22.0	23.0	23.0	23.0	22.5	22.5	22.5	18.5	18.5	18.5
30	22.0	22.0	22.0	23.0	22.5	23.0	22.5	22.5	22.5	18.5	18.0	18.0
31	22.0	21.5	22.0	---	---	---	22.5	22.5	22.5	18.5	18.0	18.0
MONTH	24.0	21.5	22.5	23.0	21.5	22.0	22.5	19.5	21.0	22.5	18.0	20.0

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	18.5	18.5	18.5	21.0	18.5	20.0	27.0	25.0	26.0	---	---	---
2	19.0	18.5	18.5	21.0	18.5	20.0	27.5	25.5	26.5	---	---	---
3	19.0	19.0	19.0	21.5	19.5	20.5	27.0	25.5	26.5	---	---	---
4	20.0	19.0	19.5	22.5	21.0	21.5	28.5	26.0	27.0	---	---	---
5	20.0	20.0	20.0	22.5	21.0	21.5	28.5	25.5	27.0	---	---	---
6	20.0	19.5	20.0	22.5	20.5	21.5	27.5	25.0	26.0	27.0	24.0	25.0
7	19.5	19.0	19.0	23.5	20.5	21.5	26.0	24.0	25.0	27.0	25.0	26.0
8	19.0	18.5	19.0	23.5	21.0	22.0	26.5	23.5	25.0	27.0	23.5	25.0
9	18.5	18.5	18.5	23.5	22.5	23.0	26.5	23.5	25.0	27.5	25.0	26.0
10	18.5	18.5	18.5	23.0	21.0	22.0	26.5	23.5	25.0	27.0	25.0	26.0
11	18.5	17.5	18.0	22.5	20.0	21.0	---	---	---	28.0	25.0	26.5
12	18.0	16.5	17.5	23.0	20.5	21.5	---	---	---	28.5	26.0	27.0
13	17.0	15.5	16.5	23.5	21.5	22.5	---	---	---	27.0	26.0	26.5
14	18.0	15.5	16.5	23.0	20.5	22.0	---	---	---	27.5	25.5	26.5
15	18.0	16.5	17.0	21.5	19.5	20.5	---	---	---	29.0	26.5	27.5
16	18.0	16.0	17.0	21.5	19.0	20.0	---	---	---	29.5	27.0	28.0
17	17.5	16.0	17.0	20.5	18.0	19.0	---	---	---	28.5	27.0	27.5
18	18.0	16.5	17.0	20.0	18.5	19.5	---	---	---	29.0	26.0	27.5
19	18.0	17.0	17.5	20.0	19.0	19.5	27.0	23.5	25.5	29.5	26.5	28.0
20	18.0	17.0	17.5	22.0	18.5	20.0	27.5	24.5	26.0	29.5	26.5	28.0
21	18.0	16.5	17.5	23.5	19.5	21.0	28.5	25.5	27.0	30.0	27.0	28.5
22	18.5	16.0	17.5	23.5	20.5	22.0	29.0	26.5	27.0	30.5	28.5	29.5
23	19.5	17.0	18.0	24.5	21.0	22.5	27.0	25.0	26.0	31.0	28.5	29.5
24	19.5	18.0	19.0	25.0	22.5	24.0	---	---	---	31.0	29.0	29.5
25	19.5	17.0	18.0	24.0	21.5	23.0	---	---	---	30.5	29.0	29.5
26	19.0	17.0	18.0	22.5	20.5	21.0	---	---	---	29.5	27.5	28.5
27	20.0	17.0	18.5	25.0	20.5	23.0	---	---	---	28.0	26.0	27.0
28	19.5	18.0	18.5	26.5	22.5	24.5	---	---	---	28.5	26.0	27.0
29	20.5	17.5	19.0	26.0	22.5	24.5	---	---	---	29.5	26.5	28.0
30	---	---	---	27.0	24.5	25.5	---	---	---	28.5	---	---
31	---	---	---	27.5	24.5	26.0	---	---	---	30.5	---	---
MONTH	20.5	15.5	18.0	27.5	18.0	22.0	29.0	23.5	26.0	31.0	23.5	27.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31.5	28.5	30.0	30.0	30.0	29.5	---	---	---	27.5	26.5	27.0
2	33.0	30.5	31.5	29.5	28.5	29.0	---	---	---	27.0	26.5	26.5
3	31.0	29.0	30.0	29.0	28.0	28.5	---	---	---	27.0	26.0	26.5
4	30.0	28.0	29.0	28.5	27.5	28.0	29.5	29.0	29.0	27.0	26.5	27.0
5	29.5	26.5	28.0	28.5	27.0	28.0	29.5	28.0	29.0	27.0	25.5	26.0
6	30.0	27.5	29.0	28.5	27.0	28.0	---	---	---	27.0	26.0	26.5
7	32.0	29.0	30.5	29.0	26.5	28.0	---	---	---	26.5	25.5	26.0
8	---	---	---	29.5	27.5	28.5	---	---	---	26.0	24.0	25.0
9	---	---	---	29.5	28.5	29.0	---	---	---	25.0	24.0	24.5
10	---	---	---	30.5	29.0	29.5	---	---	---	24.5	24.0	24.5
11	---	---	---	30.0	29.5	29.5	---	---	---	25.5	24.0	24.5
12	---	---	---	30.0	29.5	29.5	---	---	---	26.0	24.5	25.5
13	---	---	---	30.5	29.0	30.0	---	---	---	26.5	25.0	26.0
14	---	---	---	31.5	30.5	31.0	---	---	---	28.0	26.0	27.0
15	---	---	---	31.5	30.5	31.0	---	---	---	28.5	27.0	27.5
16	---	---	---	32.0	31.0	31.5	---	---	---	28.0	26.0	27.0
17	---	---	---	32.0	31.0	31.5	---	---	---	26.0	25.5	26.0
18	---	---	---	31.5	30.5	31.0	30.0	28.0	29.0	26.0	25.5	25.5
19	---	---	---	31.0	29.5	30.5	29.5	28.0	29.0	26.5	25.5	26.0
20	---	---	---	29.5	29.0	29.5	29.5	28.5	29.0	26.5	25.5	26.0
21	---	---	---	29.5	28.5	29.0	29.5	28.5	29.0	27.5	26.0	26.5
22	---	---	---	30.0	29.5	29.5	28.5	28.0	28.5	27.0	25.5	26.5
23	---	---	---	29.5	28.5	29.0	28.0	27.5	28.0	27.0	25.5	26.5
24	---	---	---	29.0	28.0	28.5	28.5	27.0	28.0	27.5	26.0	27.0
25	---	---	---	29.0	28.0	28.5	28.5	27.5	28.0	27.5	26.5	27.0
26	---	---	---	28.0	27.5	28.0	29.0	27.0	28.0	26.5	25.5	26.0
27	---	---	---	28.0	27.0	27.5	28.5	27.0	28.0	25.5	24.5	25.0
28	---	---	---	28.5	27.5	28.0	28.0	27.5	28.0	26.0	24.0	25.0
29	---	---	---	29.0	28.0	28.5	29.0	27.5	28.0	27.5	25.5	26.5
30	30.5	29.0	30.0	28.5	27.5	28.0	28.5	27.5	28.0	28.0	26.5	27.0
31	---	---	---	28.5	---	27.5	28.0	27.5	27.5	---	---	---
MONTH	33.0	26.5	30.0	32.0	26.5	29.0	30.0	27.0	28.5	28.5	24.0	26.0
YEAR	33.0	15.5	23.5									

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.--USGS Mini-monitor and 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, 31.5°C, July 16; minimum, 0.5°C, Jan. 8.

TEMPERATURE (°C) OF WATER, 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	21.0	20.5	21.0	15.5	15.0	15.0	14.0	12.5	13.5	10.5	8.5	9.5
2	20.5	20.5	20.5	16.0	15.5	15.5	12.5	11.5	12.0	12.0	11.0	11.5
3	20.5	20.0	20.0	16.5	16.0	16.0	11.5	10.5	11.0	11.0	9.5	10.5
4	20.0	19.0	19.5	17.0	16.5	16.5	11.0	10.5	10.5	9.5	8.5	9.0
5	19.0	18.5	18.5	17.5	17.0	17.0	11.0	10.0	10.5	9.5	8.5	9.0
6	18.0	18.0	18.0	17.5	17.0	17.5	10.0	9.5	9.5	8.5	5.5	7.0
7	18.0	18.0	18.0	17.0	15.5	16.0	9.0	9.0	9.0	6.0	2.0	4.5
8	18.0	18.0	18.0	15.5	14.5	15.0	10.0	9.0	9.5	2.0	.5	1.0
9	18.0	17.0	17.5	14.5	14.5	14.5	11.5	10.0	10.5	3.0	1.5	2.0
10	17.0	17.0	17.0	16.0	14.5	15.0	14.5	11.5	13.0	4.5	3.0	3.5
11	17.5	17.0	17.0	16.5	16.0	16.5	15.0	12.5	14.0	5.0	3.5	4.5
12	18.0	17.5	18.0	16.0	14.0	15.0	13.0	12.0	12.5	5.5	3.0	4.0
13	18.0	17.0	17.5	14.0	13.0	13.5	12.5	10.5	11.5	5.5	4.0	5.0
14	17.0	16.5	16.5	13.0	12.5	12.5	12.0	10.5	11.0	5.5	4.0	4.5
15	16.5	15.5	16.0	12.5	12.0	12.5	14.0	12.5	13.5	5.5	3.5	4.5
16	15.5	15.5	15.5	13.0	12.5	12.5	14.0	10.0	12.0	5.5	3.5	4.5
17	15.5	15.5	15.5	14.5	13.5	14.0	10.5	8.0	9.0	6.5	5.0	5.5
18	15.5	15.5	15.5	15.5	14.5	15.0	8.5	6.5	7.5	9.5	6.5	8.0
19	16.0	15.5	16.0	15.5	14.5	15.5	7.5	6.5	7.5	12.5	10.0	11.0
20	16.5	16.0	16.5	14.5	14.0	14.0	11.0	7.5	9.5	15.0	13.0	13.5
21	17.5	17.0	17.0	13.5	12.5	13.0	13.0	11.0	12.5	15.0	13.5	14.0
22	17.5	16.5	17.0	12.5	11.5	12.0	14.0	13.5	13.5	13.5	10.0	11.0
23	16.5	15.5	16.0	11.0	10.5	11.0	14.0	11.5	12.5	10.5	7.5	9.0
24	15.5	15.0	15.0	11.5	10.5	11.0	12.0	11.0	11.5	9.0	6.5	7.5
25	15.5	15.0	15.5	12.5	11.5	12.0	13.5	11.5	12.5	8.5	7.5	8.0
26	16.0	15.5	16.0	14.0	12.5	13.0	15.5	13.5	14.5	8.0	5.5	6.5
27	16.0	16.0	16.0	15.0	14.0	14.5	16.5	15.5	16.0	7.0	4.5	5.5
28	16.5	16.0	16.0	15.5	15.0	15.5	16.0	15.0	15.5	6.0	4.0	4.5
29	16.5	15.5	16.0	15.5	15.0	15.5	15.5	12.0	13.5	6.5	4.5	5.5
30	15.5	15.0	15.0	15.0	14.0	15.0	12.0	9.0	10.5	8.0	6.5	7.0
31	15.0	15.0	15.0	---	---	---	9.5	8.5	8.5	11.0	9.0	9.5
MONTH	21.0	15.0	17.0	17.5	10.5	14.5	16.5	6.5	11.5	15.0	.5	7.0

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	14.5	11.0	12.0	14.0	12.0	12.5	21.5	19.0	20.0	21.0	17.5	19.0
2	16.5	14.0	15.0	14.0	11.5	12.5	21.0	18.5	19.5	22.0	18.5	20.0
3	17.5	16.5	17.0	14.5	13.0	13.5	21.5	20.0	20.5	22.5	20.0	21.0
4	18.0	16.5	17.0	17.0	14.0	15.5	23.0	20.5	21.5	22.0	20.0	21.0
5	16.5	11.5	14.0	17.0	15.0	16.0	23.5	21.0	22.0	22.0	20.0	21.0
6	11.0	9.5	10.5	16.0	14.0	14.5	23.5	19.0	21.0	22.0	18.5	20.0
7	9.0	6.5	8.0	16.0	13.5	15.0	19.5	15.5	16.5	23.0	19.5	21.0
8	8.5	7.0	7.5	17.0	14.5	16.0	19.0	15.0	17.0	23.5	21.5	22.5
9	8.0	6.0	7.0	18.0	16.5	17.0	20.0	18.0	19.0	24.0	22.0	23.0
10	9.0	7.0	8.0	18.0	16.0	17.0	21.0	18.5	19.5	24.5	23.0	23.5
11	10.0	8.5	9.0	16.5	13.0	14.5	21.5	18.5	19.5	26.5	22.0	23.5
12	11.0	9.5	10.0	17.5	13.5	15.0	19.0	15.5	17.0	26.0	21.5	23.5
13	10.0	6.5	7.5	18.5	16.5	17.5	19.0	13.5	15.5	25.5	22.0	23.0
14	8.5	6.5	7.0	18.5	14.0	16.0	21.0	16.0	18.0	24.0	21.5	22.5
15	10.0	8.5	9.0	14.5	10.5	12.0	22.0	18.5	20.0	26.5	23.0	24.5
16	10.0	8.5	9.0	12.0	9.5	10.5	22.5	19.0	20.5	27.0	24.5	25.5
17	11.0	8.5	9.5	12.5	10.5	11.0	21.0	18.0	19.0	26.0	23.5	24.5
18	10.0	8.5	9.0	13.5	10.5	11.5	21.0	18.5	19.5	24.0	23.0	23.5
19	11.0	9.5	10.0	11.5	11.0	11.5	22.5	19.0	20.5	25.0	24.0	24.5
20	11.5	11.0	11.0	14.5	9.5	11.0	21.5	17.5	19.5	25.0	24.5	25.0
21	12.0	10.0	10.5	17.0	13.0	14.5	23.0	18.0	20.0	25.5	24.5	25.0
22	12.0	8.5	10.0	18.0	15.5	16.5	24.5	20.5	22.0	26.5	25.0	26.0
23	12.0	9.5	11.0	19.0	16.0	17.0	24.5	21.5	22.5	27.0	26.0	26.5
24	13.5	12.0	12.5	20.0	18.0	18.5	24.0	20.0	21.5	27.0	25.0	26.5
25	13.0	9.0	11.0	20.0	18.0	18.5	23.5	20.0	21.0	26.0	24.0	25.0
26	11.0	8.5	9.5	20.5	19.0	19.5	21.0	18.5	19.5	25.5	22.0	23.5
27	11.5	8.5	10.0	20.5	18.0	19.0	23.0	18.0	20.0	23.5	21.0	22.0
28	13.0	11.0	12.0	20.0	16.5	18.0	23.5	19.5	20.5	23.0	21.0	22.0
29	13.0	10.5	11.5	20.0	17.0	18.0	21.0	17.5	19.0	25.0	23.0	24.0
30	---	---	---	21.0	18.0	19.5	21.0	17.5	19.0	26.0	25.0	25.5
31	---	---	---	21.0	19.0	20.0	---	---	---	26.0	25.5	25.5
MONTH	18.0	6.0	10.5	21.0	9.5	15.5	24.5	13.5	19.5	27.0	17.5	23.5

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

02197330 SITE NO. 1 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'00'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, at pipe culvert 100 ft above Road E, 2,000 ft southwest of H-Area, at Savannah River Plant.

DRAINAGE AREA.--0.13 mi^2.

PERIOD OF RECORD.--August 1967 to current year.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Feb. 18-22, Mar. 6-8, Sept. 30. Records fair. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 years, 1.32 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft^3/s, Sept. 6, 1980, June 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15 ft^3/s, June 30, gage height, 2.26 ft; minimum daily, 0.07 ft^3/s, June 29.

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	.92	1.7	1.0	1.7	1.3	.52	.75	.20	.43	.47	.94	.68
2	.88	.82	1.1	2.3	1.3	.53	.70	.57	.63	.34	.97	1.2
3	.81	.78	1.1	2.1	1.7	.69	.93	.59	.54	.64	1.3	.58
4	.61	.73	.80	1.8	1.5	1.2	.92	.95	.83	.32	1.2	1.2
5	1.1	.50	1.1	1.4	1.4	.91	1.0	.92	.46	.67	.62	1.2
6	.85	1.1	.74	1.7	1.4	.70	.93	.19	.23	.30	.86	.64
7	.94	.76	1.1	1.7	1.4	.90	.59	.50	.62	.24	.63	.96
8	.96	.71	.73	1.0	1.4	.70	.61	.47	1.6	.34	.91	1.1
9	1.2	.45	1.0	1.8	1.4	.24	.55	.53	.65	.38	.62	3.3
10	.82	.12	.68	1.6	1.7	1.8	.46	.79	.83	.23	.36	.77
11	1.2	.47	1.0	1.6	1.3	.19	.86	.82	.36	1.2	.75	.54
12	1.3	.63	.71	1.5	1.7	.70	1.1	.42	.26	1.2	.63	.57
13	.94	1.2	1.1	1.4	1.6	.50	.82	.45	.38	1.2	.95	1.2
14	1.2	.50	.70	1.5	1.6	.84	.62	.41	.24	1.6	1.1	.62
15	1.6	.52	1.2	1.3	1.6	.53	.61	.37	.35	1.2	.83	.95
16	1.1	.63	1.1	1.7	1.2	.86	.54	.45	.33	1.2	.57	1.3
17	.60	1.6	.40	2.0	1.2	.78	.60	.55	.33	.90	.91	1.1
18	.71	.83	.76	1.9	1.2	.81	.73	.19	.30	.59	.63	.98
19	.62	1.0	1.7	1.9	3.0	.55	1.5	.52	.17	.87	.58	.67
20	.47	.71	1.9	2.0	1.2	.57	.60	.85	.36	.91	.54	.94
21	.43	.65	1.4	1.7	1.0	.63	.61	.46	.35	.61	.59	.62
22	.41	1.2	1.8	1.4	.80	.65	.60	.53	.34	.94	.62	.96
23	.44	1.5	1.4	1.6	.77	.64	1.8	.49	.50	1.2	.62	1.0
24	.39	.97	1.7	1.5	1.1	.65	.25	1.1	.65	.55	.28	.64
25	.72	1.3	1.3	1.7	1.0	.70	.78	.89	.51	.89	.72	1.9
26	.41	.75	1.6	1.7	1.3	.96	.60	.50	1.6	.95	.59	1.6
27	.49	1.1	1.3	1.7	.75	.67	.54	.83	1.2	.78	.85	.94
28	.99	.98	1.7	1.4	.67	.96	.56	.83	.15	.92	1.1	.83
29	1.2	.96	1.2	1.7	.78	.29	.51	.47	.07	.94	.66	.90
30	1.8	.99	1.5	1.7	---	.91	.56	.48	.86	.59	.92	.85
31	1.5	---	1.5	1.7	---	.73	---	.69	---	.95	.91	---
TOTAL	27.61	26.16	36.32	51.7	38.27	22.31	22.23	18.01	16.13	24.12	23.76	30.74
MEAN	.89	.87	1.17	1.67	1.32	.72	.74	.58	.54	.78	.77	1.02
MAX	1.8	1.7	1.9	2.3	3.0	1.8	1.8	1.1	1.6	1.6	1.3	3.3
MIN	.39	.12	.40	1.0	.67	.19	.25	.19	.07	.23	.28	.54

CAL YR 1987 TOTAL 375.54 MEAN 1.03 MAX 4.4 MIN .12
WTR YR 1988 TOTAL 337.36 MEAN .92 MAX 3.3 MIN .07

021973305 HP-52 OUTFALL AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'56'', long 81°38'26'', Barnwell County, Hydrologic Unit 03060106, on right downstream culvert wingwall, 400 ft south of SRP Road E, and 700 ft south of H-Area, at Savannah River Plant.

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: Feb. 17, 18, Mar. 6-8, June 27 to July 7, Sept. 2-8. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 29, 1984, gage height, 4.07 ft; minimum daily, 0.26 ft^3/s, Aug. 26, 29, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, May 10, gage height, 3.02 ft; minimum daily, 0.26 ft^3/s, Aug. 26, 29.

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	1.1	.94	1.5	.83	1.2	.97	2.2	2.1	2.1	1.1	.74	.27
2	.98	.90	1.7	1.1	1.1	.78	2.2	1.7	2.2	1.0	1.1	.55
3	1.3	.94	1.5	1.1	1.3	.95	2.2	1.4	2.0	1.0	1.1	.73
4	1.4	1.1	1.7	.93	1.2	.99	2.1	1.2	1.7	1.0	1.1	.83
5	1.5	2.3	1.8	1.1	1.4	.97	1.2	2.0	2.0	.92	.59	.81
6	1.3	2.0	1.7	1.1	1.5	.88	.95	2.0	2.0	.90	.73	1.4
7	1.1	1.7	1.9	1.0	1.6	.97	1.1	2.1	1.9	.85	.68	.97
8	.99	1.8	1.7	1.1	1.2	.95	2.2	2.2	2.4	.81	.65	.85
9	.98	1.7	1.7	1.1	1.4	2.0	2.3	2.2	2.7	.80	.76	1.7
10	1.1	1.8	1.7	1.1	1.5	2.8	2.2	2.7	1.9	.84	.61	.81
11	1.2	2.0	1.6	1.1	1.3	2.0	1.9	2.1	1.5	.90	.55	.61
12	.82	1.1	1.6	1.0	1.2	1.6	2.1	1.3	1.8	1.0	.69	.51
13	.98	1.1	1.6	1.7	1.2	1.8	2.0	1.4	1.4	1.8	.56	.38
14	.99	1.6	1.8	1.4	1.2	1.7	2.0	2.1	1.4	1.3	1.3	.66
15	.88	1.5	1.6	1.3	1.1	1.7	1.9	2.1	1.4	.67	.50	.61
16	1.1	1.2	1.6	1.1	1.2	1.8	2.0	1.3	1.5	.66	.53	.81
17	2.0	1.9	1.9	1.3	1.1	1.8	2.0	.89	1.7	.70	.55	.90
18	2.0	1.5	1.5	1.1	1.1	2.1	2.2	.87	1.7	.67	.72	1.0
19	1.9	1.0	.82	1.2	1.1	1.9	2.8	.91	1.7	.70	.80	.80
20	1.6	.98	.80	1.4	1.1	1.9	1.9	.87	1.8	.75	.95	.63
21	1.6	1.1	.83	1.1	1.1	1.9	2.0	2.1	1.7	.87	1.0	.55
22	1.5	1.4	.88	1.2	.98	2.0	2.0	2.1	1.5	.83	.95	.85
23	1.7	1.4	.83	1.1	1.0	2.0	3.0	1.7	.92	1.0	.83	.79
24	2.0	.94	.85	1.0	1.0	1.9	1.8	2.1	1.5	.72	.74	.68
25	2.1	1.1	.93	1.1	.98	2.1	2.0	2.0	1.6	.63	.73	.75
26	1.4	1.5	.91	1.1	.87	2.0	1.9	1.9	2.1	.67	.26	1.6
27	2.1	2.0	.83	1.3	.80	2.0	1.9	1.9	1.9	.78	.27	.94
28	1.6	1.5	.88	1.3	.86	2.2	1.1	1.9	2.0	.83	.58	.94
29	1.0	1.7	1.1	1.4	.87	2.0	.97	1.8	.95	.83	.26	.91
30	.91	1.6	1.3	1.3	---	2.0	2.0	1.7	1.1	.85	.29	.85
31	.98	---	.81	1.5	---	2.2	---	1.8	---	.87	.27	---
TOTAL	42.11	43.30	41.87	36.46	33.46	52.86	58.12	54.44	52.07	27.25	21.39	24.69
MEAN	1.36	1.44	1.35	1.18	1.15	1.71	1.94	1.76	1.74	.88	.69	.82
MAX	2.1	2.3	1.9	1.7	1.6	2.8	3.0	2.7	2.7	1.8	1.3	1.7
MIN	.82	.90	.80	.83	.80	.78	.95	.87	.92	.63	.26	.27

CAL YR 1987 TOTAL 568.70 MEAN 1.56 MAX 3.9 MIN .59
WTR YR 1988 TOTAL 488.02 MEAN 1.33 MAX 3.0 MIN .26

02197331 H-008 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'54'', long 81°38'46'', Barnwell County, Hydrologic Unit 03060106, 100 ft west of SRP Road E-1, 300 ft south of SRP Road E, 0.3 mi east of intersection of SRP Roads E and 4, at Savannah River 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.--No estimated daily discharges. Records poor. Discharge over 7.0 ft^3/s, are undefined.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 10, 1986, gage height, 2.98 ft; minimum daily, 0.39 ft^3/s, Oct. 23, 26, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, June 8, gage height, 2.41 ft; minimum daily, 0.48 ft^3/s, July 8, Sept. 7.

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	1.5	1.1	2.0	1.2	1.7	1.1	2.3	2.5	2.3	1.2	.75	.92
2	1.5	1.2	2.1	2.1	1.4	.90	2.2	2.0	2.6	1.2	.88	.80
3	1.4	1.1	1.9	2.1	1.7	1.6	2.3	1.8	2.3	1.4	.97	.79
4	1.5	1.1	2.1	1.4	1.7	2.3	2.2	1.8	2.0	1.2	.95	.82
5	1.7	2.6	2.1	1.3	1.6	1.4	1.3	2.3	2.2	1.2	.68	.91
6	1.5	2.0	2.0	1.3	1.5	.99	1.1	2.9	2.1	.72	.69	1.3
7	1.2	1.8	2.3	1.2	1.6	1.6	1.3	2.8	2.1	.71	.67	.48
8	.90	1.9	2.0	1.2	1.2	1.2	2.4	2.8	2.6	.48	.66	.86
9	.92	1.8	2.0	1.2	1.3	1.9	2.4	3.0	3.4	.55	.69	3.0
10	1.2	1.9	2.0	1.1	1.4	4.1	2.3	3.1	2.4	.88	.67	1.3
11	1.3	2.1	2.0	1.1	1.2	2.8	2.1	1.2	2.0	1.1	.64	1.2
12	.73	1.2	2.0	1.0	1.1	2.0	2.8	.86	2.3	1.3	.65	1.2
13	.99	1.2	1.9	1.8	1.2	1.9	3.1	1.3	2.0	1.8	.59	1.1
14	.98	1.9	2.1	1.4	1.2	2.3	3.1	2.3	2.0	.88	.74	1.1
15	.79	1.7	2.0	1.3	1.2	2.0	2.6	2.3	1.9	.75	.57	.95
16	1.1	1.3	2.1	1.1	1.2	2.1	2.3	2.0	2.0	.74	.59	.99
17	2.4	2.6	2.5	1.3	1.2	2.0	2.2	1.8	2.3	.63	.63	1.1
18	2.4	1.7	2.0	1.3	1.3	2.3	2.4	1.5	2.3	.65	.91	1.0
19	2.2	1.1	1.1	1.4	2.4	2.0	3.2	1.6	2.2	.61	.98	.95
20	1.8	1.0	1.1	2.2	1.5	2.2	2.4	1.4	2.2	.76	1.0	.94
21	1.9	1.3	1.1	1.5	1.3	2.3	2.0	2.6	2.1	.73	1.0	.98
22	1.6	1.8	1.3	1.4	1.1	2.5	2.2	2.5	1.8	.69	1.0	.96
23	1.7	1.8	1.1	1.5	1.1	2.5	3.2	2.1	1.2	1.1	.98	.92
24	2.0	1.2	1.1	1.4	.95	2.4	2.4	2.5	1.7	.79	1.0	.90
25	2.3	1.4	1.2	1.6	1.0	2.7	2.5	2.6	1.7	.71	.96	1.2
26	1.4	1.9	1.2	1.4	.96	2.2	2.7	2.5	2.2	.86	.58	1.3
27	2.6	2.6	1.1	1.7	.97	2.1	3.5	2.5	2.0	.98	.66	.83
28	1.8	2.0	1.2	1.6	.99	2.4	1.8	2.3	1.9	.95	1.0	1.1
29	.98	2.1	1.5	1.9	.94	2.4	1.8	2.1	1.5	.98	.78	1.1
30	.88	2.3	1.8	1.7	---	2.4	2.7	2.0	1.4	.86	.98	1.1
31	1.1	---	1.2	3.0	---	2.3	---	2.1	---	.83	.91	---
TOTAL	46.27	50.7	53.1	46.7	37.91	64.89	70.8	67.06	62.7	28.24	24.76	32.10
MEAN	1.49	1.69	1.71	1.51	1.31	2.09	2.36	2.16	2.09	.91	.80	1.07
MAX	2.6	2.6	2.5	3.0	2.4	4.1	3.5	3.1	3.4	1.8	1.0	3.0
MIN	.73	1.0	1.1	1.0	.94	.90	1.1	.86	1.2	.48	.57	.48

CAL YR 1987 TOTAL 699.20 MEAN 1.92 MAX 6.0 MIN .48
WTR YR 1988 TOTAL 585.23 MEAN 1.60 MAX 4.1 MIN .48

02197332 SITE NO. 2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50'', long 81°39'00'', Aiken County, Hydrologic Unit 03060106, on woods road 300 ft south south of SRP Road E and 2,700 ft southwest of H-Area, at Savannah River Plant.

DRAINAGE AREA.--0.30 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 250 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except those for periods when discharge was over 16 ft^3/s, which are undefined and periods of estimated daily discharges: Jan. 30 to Feb. 2, and Feb. 16 to Mar. 1, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 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, May 10, gage height, 3.66 ft; minimum daily, 0.58 ft^3/s, Aug. 15.

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	1.5	.90	2.1	1.3	2.0	1.3	2.4	2.5	2.5	1.9	.79	.98
2	1.4	.74	2.3	2.1	2.0	1.1	2.4	2.2	2.6	1.6	1.1	.97
3	1.4	1.1	2.1	2.4	1.6	1.8	2.4	1.9	2.4	1.6	1.1	1.0
4	1.7	.91	2.2	1.6	1.8	2.4	2.3	1.8	2.2	1.6	.93	1.2
5	1.8	2.6	2.2	1.5	1.7	1.8	1.4	2.5	2.4	1.5	.67	1.4
6	1.6	2.3	2.2	1.5	1.7	1.2	1.2	2.9	2.3	1.2	.76	2.0
7	1.3	2.1	2.3	1.4	1.8	1.8	1.3	2.7	2.4	.91	.72	.95
8	1.1	2.2	2.2	1.4	1.4	1.4	2.4	2.7	2.9	.85	.71	1.2
9	1.2	2.1	2.2	1.4	1.5	2.2	2.4	2.8	3.4	.85	.74	3.1
10	1.3	2.3	2.1	1.4	1.6	3.7	2.4	3.3	2.7	.86	.69	1.4
11	1.5	2.3	2.1	1.4	1.4	2.8	2.3	2.9	2.1	.99	.63	1.1
12	.83	1.3	2.0	1.3	1.3	2.1	3.0	2.1	2.3	.98	.71	1.0
13	1.1	1.2	2.0	2.1	1.3	2.2	3.0	2.1	2.1	1.5	.71	.93
14	1.1	1.9	2.2	1.6	1.3	2.4	3.0	2.6	2.1	.86	1.0	1.1
15	.95	1.8	2.0	1.5	1.2	2.2	2.7	2.6	2.1	.75	.58	1.0
16	1.2	1.3	2.2	1.3	1.3	2.2	2.5	2.1	2.1	.66	.68	1.1
17	2.4	2.5	2.5	1.4	1.9	2.2	2.5	1.8	2.4	.72	.59	1.3
18	2.5	1.9	2.1	1.5	1.9	2.4	2.6	1.6	2.3	.76	1.3	1.4
19	2.3	1.3	1.3	1.7	1.9	2.3	3.7	1.6	2.3	.77	1.3	1.2
20	1.9	1.2	1.2	2.2	1.8	2.3	2.8	1.4	2.4	.75	1.4	1.2
21	2.0	1.4	1.3	1.9	1.8	2.4	2.4	2.5	2.4	.78	1.4	1.2
22	1.8	2.1	1.4	1.7	1.5	2.6	2.4	2.6	2.3	.70	1.4	1.2
23	2.0	2.0	1.2	1.6	1.6	2.7	3.2	2.3	1.5	1.1	1.2	.98
24	2.5	1.4	1.2	1.6	1.6	2.6	2.7	2.8	2.2	.84	1.2	.90
25	2.6	1.6	1.3	1.6	1.5	2.8	2.8	2.8	2.2	.72	1.0	1.5
26	1.6	2.1	1.3	1.6	1.1	2.3	2.8	2.6	2.7	.76	.73	2.1
27	2.6	2.6	1.3	1.8	1.0	2.3	3.2	2.6	2.6	.89	.75	1.3
28	2.0	2.3	1.3	1.7	1.1	2.5	1.9	2.5	2.2	.86	1.2	1.3
29	1.2	2.3	1.7	2.1	1.1	2.5	1.7	2.3	1.6	.98	.95	1.1
30	.77	2.2	1.6	1.6	---	2.4	2.6	2.3	1.9	.85	1.1	.93
31	1.0	---	1.3	2.1	---	2.5	---	2.4	---	.87	.95	---
TOTAL	50.15	53.95	56.4	51.3	44.7	69.4	74.4	73.8	69.6	30.96	28.99	38.04
MEAN	1.62	1.80	1.82	1.65	1.54	2.24	2.48	2.38	2.32	1.00	.94	1.27
MAX	2.6	2.6	2.5	2.4	2.0	3.7	3.7	3.3	3.4	1.9	1.4	3.1
MIN	.77	.74	1.2	1.3	1.0	1.1	1.2	1.4	1.5	.66	.58	.90

CAL YR 1987 TOTAL 780.84 MEAN 2.14 MAX 7.5 MIN .39
WTR YR 1988 TOTAL 641.69 MEAN 1.75 MAX 3.7 MIN .58

02197334 SITE NO. 3 AT SAVANNAH RIVER PLANT, 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 SRP Road 4, 0.8 mi southwest of H-Area, at Savannah River PLant.

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: July 1, 10, 11, and Aug. 1, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 years, 7.33 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 149 ft^3/s, Feb. 24, 1979; maximum gage height, 3.70 ft, June 10, 1986; minimum daily, 0.61 ft^3/s, June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 59 ft^3/s, June 27, gage height, 2.62 ft; minimum daily, 1.6 ft^3/s, Aug. 10.

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	3.5	4.4	4.1	4.1	4.7	4.4	4.2	3.5	6.4	2.3	5.0
2	3.3	3.3	4.5	8.2	3.8	3.1	4.6	3.9	3.9	5.2	2.6	5.9
3	3.1	3.5	4.4	8.9	5.0	3.9	4.5	3.7	3.8	5.1	3.0	4.2
4	3.2	3.8	4.3	7.8	5.4	6.4	4.6	4.1	3.8	3.6	2.7	5.7
5	3.6	5.5	4.5	4.9	4.9	4.8	3.6	5.0	3.6	3.3	2.0	6.2
6	3.2	4.3	4.3	4.7	4.2	3.6	3.6	4.3	3.6	2.5	2.3	6.2
7	3.0	3.8	4.6	4.6	4.3	4.5	3.3	4.1	4.3	2.2	2.0	4.0
8	2.9	4.0	4.2	4.4	3.9	3.5	4.8	4.0	6.7	2.3	2.1	5.8
9	3.1	5.6	4.3	4.6	3.8	4.3	4.9	4.1	6.8	1.9	2.0	18
10	3.0	4.4	4.0	4.7	4.0	12	4.3	5.6	6.5	1.8	1.6	6.2
11	3.4	5.0	4.2	5.0	4.0	6.3	4.6	6.4	4.2	2.5	1.9	4.4
12	2.9	3.9	4.1	4.6	4.9	5.1	7.4	4.1	3.9	2.6	2.1	3.9
13	3.0	4.0	4.2	5.6	3.8	4.5	7.2	3.9	3.6	3.3	2.3	4.3
14	3.2	3.8	4.2	5.2	3.7	4.8	5.8	4.2	3.4	2.8	3.1	3.8
15	3.2	3.7	4.6	4.6	3.9	4.3	4.5	4.0	3.4	2.3	2.3	3.9
16	3.1	3.5	4.9	4.4	3.8	4.6	4.0	3.6	3.5	2.2	1.9	4.6
17	3.7	8.5	4.8	5.4	3.9	4.4	3.9	3.4	4.1	1.9	2.2	5.0
18	4.0	6.6	4.5	7.5	3.9	5.1	4.5	3.4	3.7	1.8	2.6	4.7
19	3.7	4.1	4.9	6.3	10	5.5	16	2.8	3.5	1.9	2.6	4.1
20	3.3	4.0	4.2	12	6.1	5.0	7.3	2.9	3.9	1.9	2.6	4.0
21	3.3	4.9	3.9	6.2	5.6	4.7	5.7	3.7	3.8	1.7	2.7	3.6
22	3.5	5.2	4.8	5.0	4.4	5.0	4.4	3.8	3.6	1.9	2.7	4.0
23	6.0	4.9	4.2	4.3	4.0	5.0	9.0	3.4	2.9	2.7	2.8	3.9
24	4.4	3.7	4.2	4.2	3.9	4.9	6.7	4.6	3.9	1.8	3.0	3.5
25	4.1	4.5	3.9	5.0	3.8	5.2	6.6	5.0	4.5	2.0	3.3	6.1
26	3.0	5.9	4.1	4.6	3.7	5.1	6.2	4.3	6.5	2.0	2.6	9.4
27	4.8	6.3	3.8	4.5	3.5	4.8	6.0	4.6	12	2.1	3.0	5.3
28	4.6	6.1	4.5	4.1	3.3	5.0	4.2	4.1	5.2	2.3	4.5	4.6
29	3.4	5.2	5.1	4.7	3.9	4.4	3.4	3.6	3.4	2.5	3.9	4.4
30	3.6	5.1	4.7	4.4	---	4.6	4.3	3.4	7.2	2.0	5.1	4.3
31	3.5	---	4.1	5.5	---	4.7	---	3.6	---	2.2	5.2	---
TOTAL	110.2	140.6	135.4	170.0	127.5	153.8	164.3	125.8	136.7	80.7	85.0	159.0
MEAN	3.55	4.69	4.37	5.48	4.40	4.96	5.48	4.06	4.56	2.60	2.74	5.30
MAX	6.0	8.5	5.1	12	10	12	16	6.4	12	6.4	5.2	18
MIN	2.9	3.3	3.8	4.1	3.3	3.1	3.3	2.8	2.9	1.7	1.6	3.5

CAL YR 1987 TOTAL 2919.5 MEAN 8.00 MAX 84 MIN 2.2
WTR YR 1988 TOTAL 1589.0 MEAN 4.34 MAX 18 MIN 1.6

02197336 SITE NO. 4 AT SAVANNAH RIVER PLANT, 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 SRP Road C, 0.8 mi downstream of Site 3, 0.8 mi southeast of F Area, at Savannah River Plant.

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: Sept. 9. Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 years, 8.41 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Sept. 18, 1982, gage height, 5.41 ft; minimum daily, 1.6 ft^3/s, May 17, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Sept. 9, gage height, 3.52 ft; minimum daily, 2.4 ft^3/s, July 17.

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	7.4	8.4	7.2	4.4	6.1	5.2	3.8	5.5	3.1	6.6	2.9	3.4
2	6.6	8.2	6.6	8.5	5.4	4.4	3.9	5.1	2.9	5.1	2.7	3.6
3	7.1	8.3	6.8	10	5.7	4.2	3.7	5.0	3.0	4.8	3.1	3.6
4	6.9	8.1	6.4	8.6	6.6	6.5	3.7	5.5	3.0	4.2	4.2	3.8
5	6.8	11	5.7	6.9	6.6	5.2	3.0	5.8	3.1	3.5	3.8	5.1
6	6.4	9.6	6.0	5.8	6.3	4.2	2.9	5.4	3.0	3.0	3.8	4.3
7	6.1	8.9	6.3	5.6	6.4	4.2	2.9	4.8	3.4	2.9	3.6	3.6
8	5.9	9.0	6.4	6.0	6.0	3.7	3.7	4.5	8.7	3.1	3.2	4.3
9	6.2	9.2	5.9	5.9	5.6	4.2	3.8	4.2	6.5	3.0	3.8	25
10	6.1	10	6.2	6.0	5.8	16	3.8	4.8	14	2.7	3.2	6.4
11	6.8	9.0	5.8	6.2	5.7	7.6	4.5	9.6	4.8	3.0	3.7	4.5
12	6.8	9.4	6.1	6.0	5.5	6.6	7.9	4.6	4.0	3.2	3.7	4.0
13	6.7	8.2	5.6	6.3	5.0	5.4	6.0	4.2	3.4	3.3	3.2	4.2
14	6.9	8.5	6.0	6.2	4.6	5.6	5.1	4.4	3.6	2.9	4.3	4.1
15	6.8	8.7	6.6	5.6	4.8	5.6	4.7	4.2	3.5	2.8	4.0	4.1
16	6.9	8.1	6.2	5.5	5.0	5.5	3.8	3.7	4.0	2.5	3.7	4.3
17	7.2	13	6.5	6.2	5.0	5.3	3.8	3.2	3.5	2.4	3.7	5.5
18	7.6	12	5.8	7.6	4.8	5.9	4.4	3.2	3.3	2.8	3.9	5.3
19	8.0	9.2	6.2	7.0	12	6.1	17	2.6	3.3	3.2	4.1	4.4
20	7.8	8.4	5.4	12	8.1	5.5	7.6	2.6	3.4	3.0	4.0	4.3
21	7.7	9.1	5.3	8.0	7.6	5.2	5.8	3.2	3.5	3.2	4.3	4.0
22	7.9	9.5	6.0	7.3	6.6	5.6	4.7	3.4	3.4	3.4	4.2	4.3
23	9.5	7.7	5.6	6.2	5.7	5.6	16	3.3	3.2	4.5	4.2	4.2
24	10	7.2	5.0	6.2	5.4	5.1	8.1	4.4	3.4	3.5	4.2	4.0
25	8.9	7.1	4.8	6.8	5.2	5.2	6.9	4.8	3.7	3.4	4.2	5.3
26	8.6	8.8	4.8	6.6	5.0	5.5	7.0	4.0	4.1	3.1	3.9	19
27	9.6	9.8	4.6	6.7	4.9	4.5	6.5	4.1	15	3.4	3.8	5.4
28	10	9.3	5.1	6.6	4.4	4.6	5.3	3.7	5.3	3.6	4.5	4.6
29	8.7	8.0	5.5	7.1	4.4	4.5	5.0	3.3	3.7	3.9	4.4	5.1
30	8.4	7.7	5.1	6.6	---	3.9	5.4	3.1	9.8	3.6	4.1	4.8
31	8.4	---	4.7	7.0	---	3.9	---	3.0	---	4.0	3.5	---
TOTAL	234.7	269.4	180.2	211.4	170.2	170.5	170.7	133.2	142.6	107.6	117.9	168.5
MEAN	7.57	8.98	5.81	6.82	5.87	5.50	5.69	4.30	4.75	3.47	3.80	5.62
MAX	10	13	7.2	12	12	16	17	9.6	15	6.6	4.5	25
MIN	5.9	7.1	4.6	4.4	4.4	3.7	2.9	2.6	2.9	2.4	2.7	3.4

CAL YR 1987 TOTAL 3934.9 MEAN 10.8 MAX 78 MIN 3.3
WTR YR 1988 TOTAL 2076.9 MEAN 5.67 MAX 25 MIN 2.4

02197338 SITE NO. 5 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'50'', long 81°40'15'', Aiken County, Hydrologic Unit 03060106, at upstream end of pipe culvert at SRP Road E, 600 ft southeast of Area F, 0.5 mi east of SRP Road C, at Savannah River Plant.

DRAINAGE AREA.--0.28 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair, except, estimated daily discharges: Nov. 27, Feb. 18, 19, Mar. 6-9, Apr. 19, 23, May 10, June 8, 9, 30, Sept. 9-13, 17, 18, 25-27, which are poor, and periods when discharge was over 16 ft^3/s, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 years, 2.72 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 5, 1974, gage height, 7.94 ft; minimum daily, 0.70 ft^3/s, Nov. 5, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, June 30, gage height, 2.66 ft; minimum daily, 1.2 ft^3/s, Oct. 1.

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	1.2	2.0	3.3	2.8	2.6	2.9	3.0	2.8	3.0	3.0	3.0	3.3
2	1.9	2.0	3.0	4.1	2.6	3.2	3.0	2.6	2.8	3.1	3.0	3.6
3	2.9	2.0	3.0	4.2	2.5	2.5	3.2	2.9	3.0	3.1	3.9	3.4
4	2.9	2.0	2.5	2.8	2.3	3.0	3.1	3.2	3.1	3.3	5.5	3.6
5	2.1	2.1	2.4	3.3	2.8	3.1	2.4	3.0	3.1	2.8	5.2	4.0
6	1.8	2.9	2.3	2.7	2.8	2.5	1.9	3.0	2.9	2.8	5.2	3.3
7	1.8	2.3	2.6	2.7	2.7	2.5	2.4	2.5	3.0	3.1	5.0	3.3
8	1.9	2.2	2.5	2.8	2.8	2.5	2.4	2.3	7.9	3.1	4.1	4.0
9	2.4	2.2	2.6	2.6	2.7	2.8	2.0	2.1	6.0	3.2	5.7	7.2
10	2.3	2.3	2.9	3.0	3.0	5.9	2.7	4.6	3.2	2.8	4.7	2.6
11	2.0	2.2	3.1	2.9	3.2	3.1	3.6	3.0	3.6	3.1	5.4	2.5
12	2.6	2.3	3.0	2.7	2.7	3.4	4.1	2.1	2.8	2.8	4.8	2.6
13	2.2	2.2	2.7	2.8	2.6	2.2	3.0	2.3	2.5	2.7	3.9	2.7
14	2.1	2.5	2.6	2.7	2.7	2.3	3.4	2.2	2.6	1.9	4.8	2.6
15	2.1	3.3	3.2	2.6	2.7	3.2	3.5	2.2	2.6	2.7	5.1	2.7
16	2.2	2.6	2.9	2.5	2.5	2.6	2.7	2.1	4.0	2.1	5.2	2.7
17	2.3	5.1	2.7	2.9	2.5	2.7	2.9	2.0	2.5	2.1	5.2	3.1
18	2.2	2.6	2.7	2.5	2.5	3.0	3.0	2.0	2.8	3.9	5.1	2.6
19	2.1	2.8	3.0	2.6	3.5	2.7	4.9	2.0	2.7	4.8	5.2	2.6
20	2.1	2.7	2.8	3.4	3.0	2.6	2.6	2.1	2.9	4.0	5.1	2.7
21	2.1	2.6	2.9	2.5	3.5	2.7	2.3	2.2	2.8	4.7	5.3	2.6
22	2.3	2.5	3.4	3.2	2.8	3.2	2.7	2.5	2.9	4.9	5.2	2.5
23	2.7	2.7	3.4	2.2	2.8	3.2	9.1	2.4	3.1	5.8	5.3	2.8
24	2.5	2.5	3.0	2.2	2.7	2.9	3.0	3.3	3.1	4.7	5.3	3.7
25	2.6	2.8	2.9	2.4	2.7	3.1	3.5	2.9	3.0	4.6	5.1	2.9
26	2.5	2.8	2.9	2.3	2.7	3.1	3.1	2.7	3.0	4.1	5.0	3.5
27	2.6	3.7	2.8	2.5	2.6	2.5	3.1	2.9	5.2	4.6	5.0	2.8
28	2.0	2.7	3.1	2.4	2.4	3.4	3.1	2.8	2.6	3.9	5.6	3.3
29	2.4	2.7	2.9	3.1	2.6	3.5	3.2	2.7	2.7	5.0	5.3	4.1
30	2.1	2.7	2.8	2.7	---	2.8	2.8	2.6	6.4	4.7	4.4	4.7
31	2.1	---	2.8	2.6	---	2.8	---	2.9	---	5.3	3.3	---
TOTAL	69.0	78.0	88.7	86.7	79.5	91.9	95.7	80.9	101.8	112.7	149.9	98.0
MEAN	2.23	2.60	2.86	2.80	2.74	2.96	3.19	2.61	3.39	3.64	4.84	3.27
MAX	2.9	5.1	3.4	4.2	3.5	5.9	9.1	4.6	7.9	5.8	5.7	7.2
MIN	1.2	2.0	2.3	2.2	2.3	2.2	1.9	2.0	2.5	1.9	3.0	2.5

CAL YR 1987 TOTAL 910.5 MEAN 2.49 MAX 7.0 MIN 1.2
WTR YR 1988 TOTAL 1132.8 MEAN 3.10 MAX 9.1 MIN 1.2

02197339 SITE NO. 5B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'29'', long 81°40'06'', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRP Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Plant.

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: Jan. 21-31, Feb. 2-29, Mar. 1-10, Apr. 23, May 10, June 8, 30, Sept. 9, 25, 26, 30, and those above 35 ft^3/s, which are poor.

AVERAGE DISCHARGE.--8 years, 3.46 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Aug. 20, 1986, gage height, 4.12 ft; minimum daily, 0.91 ft^3/s, Nov. 5, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, June 30, gage height, 3.07 ft; minimum daily, 1.4 ft^3/s, Oct. 1.

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	1.4	2.2	3.4	3.2	2.9	3.1	3.0	3.1	2.9	3.3	2.9	3.6
2	2.1	2.5	3.3	4.8	2.9	3.4	3.0	2.9	2.7	3.4	2.8	4.1
3	3.3	2.6	3.2	4.9	2.8	2.7	3.3	3.2	2.9	3.4	3.7	3.8
4	3.4	2.6	2.6	3.4	2.7	3.2	3.3	3.6	3.1	3.6	5.6	4.1
5	2.6	2.7	2.5	3.9	3.1	3.4	2.6	3.3	3.0	3.1	5.4	4.5
6	2.0	3.8	2.6	3.0	3.0	2.8	2.2	3.4	2.9	2.9	5.5	3.6
7	2.0	3.2	2.8	3.1	2.9	2.8	2.6	2.9	2.9	3.2	5.3	3.7
8	2.1	2.9	2.7	3.2	3.0	2.7	2.8	2.7	8.2	3.2	4.3	4.6
9	2.7	3.0	2.7	3.1	2.9	3.1	2.3	2.5	6.6	3.2	6.0	8.0
10	2.7	3.1	3.2	3.5	3.3	6.2	3.1	5.0	4.3	2.9	5.0	3.7
11	2.1	3.1	3.3	3.3	3.5	3.2	3.8	4.0	4.3	3.1	5.9	3.6
12	2.8	3.0	3.3	3.0	2.9	3.6	4.6	2.6	3.6	2.6	5.3	3.7
13	2.6	2.9	2.9	3.0	2.8	2.3	3.1	2.6	3.1	2.6	4.3	3.9
14	2.4	3.2	2.8	2.9	2.9	2.3	3.4	2.5	3.2	1.9	5.3	3.4
15	2.4	3.9	3.5	2.7	2.8	3.3	3.6	2.6	3.2	2.5	5.5	3.4
16	2.4	3.3	3.2	2.5	2.7	2.6	2.7	2.5	4.6	2.0	5.6	3.3
17	2.4	5.3	3.0	3.0	2.7	2.6	2.8	2.3	2.9	2.0	5.7	5.0
18	2.0	3.1	3.0	2.6	2.9	3.0	3.0	2.3	3.2	3.7	5.6	3.4
19	2.1	3.1	3.3	2.6	3.8	2.7	5.1	2.3	3.0	4.9	5.6	3.2
20	2.1	2.9	3.2	4.7	3.3	2.6	2.9	2.3	3.1	4.0	5.5	3.2
21	2.0	2.9	3.3	2.8	3.6	2.5	2.5	2.4	3.0	4.7	5.8	3.3
22	2.6	2.6	3.9	3.5	3.0	3.0	2.7	2.6	3.1	4.8	5.7	3.2
23	3.0	2.9	3.9	2.5	3.0	3.0	10	2.6	3.3	6.0	5.8	3.0
24	2.7	2.6	3.4	2.4	2.9	2.6	3.5	3.5	3.3	4.8	5.8	2.1
25	2.8	2.9	3.3	2.6	2.8	2.9	3.9	3.1	3.2	4.6	5.8	3.1
26	2.9	3.1	3.4	2.6	2.7	3.0	3.5	2.8	3.2	4.1	5.8	3.8
27	3.3	3.8	3.1	2.9	2.7	2.4	3.4	3.1	5.6	4.8	5.5	3.2
28	2.3	3.0	3.6	2.7	2.6	3.2	3.4	2.9	2.8	3.8	6.4	3.1
29	2.7	3.0	3.2	3.5	2.8	3.4	3.4	2.8	2.9	5.3	5.9	4.3
30	2.5	2.8	3.3	2.9	---	2.7	3.2	2.6	6.9	4.7	5.0	5.2
31	2.4	---	3.3	2.8	---	2.7	---	2.9	---	5.5	3.6	---
TOTAL	76.8	92.0	98.2	97.6	85.9	93.0	102.7	89.9	111.0	114.6	161.9	114.1
MEAN	2.48	3.07	3.17	3.15	2.96	3.00	3.42	2.90	3.70	3.70	5.22	3.80
MAX	3.4	5.3	3.9	4.9	3.8	6.2	10	5.0	8.2	6.0	6.4	8.0
MIN	1.4	2.2	2.5	2.4	2.6	2.3	2.2	2.3	2.7	1.9	2.8	2.1

CAL YR 1987 TOTAL 1059.7 MEAN 2.90 MAX 11 MIN 1.4
WTR YR 1988 TOTAL 1237.7 MEAN 3.38 MAX 10 MIN 1.4

02197340 SITE NO. 6 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'23'', long 81°40'05'', Aiken County, Hydrologic Unit 03060106, on Fourmile Creek at upstream side of bridge on SRP Road C, and 0.7 mi southeast of F-Area, at Savannah River Plant.

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.--Estimated daily discharges: July 2-4. Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 years, 12.8 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 288 ft^3/s, Nov. 2, 1980, gage height, 5.15 ft; minimum daily, 4.1 ft^3/s Dec. 23, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 89 ft^3/s, Sept. 9, gage height, 3.78 ft; minimum daily, 4.8 ft^3/s, May 20.

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	14	12	7.6	13	12	8.1	12	5.6	16	6.7	7.6
2	9.7	13	11	15	11	9.9	8.1	11	5.3	11	6.3	8.4
3	11	13	11	18	12	9.3	7.8	11	5.4	10	7.7	8.4
4	10	13	10	16	14	15	7.8	12	5.4	10	11	9.0
5	10	16	9.0	13	14	12	5.9	13	5.5	9.2	9.3	13
6	9.2	16	9.7	11	14	9.3	5.9	12	5.3	7.8	9.4	10
7	8.7	14	10	10	14	9.2	5.9	10	6.0	7.3	8.8	8.5
8	8.2	15	10	12	13	7.9	7.6	9.4	15	8.2	7.5	10
9	8.8	15	9.8	11	12	9.0	7.9	8.7	13	7.4	9.3	45
10	8.7	16	10	12	12	30	8.0	9.3	21	6.6	7.6	16
11	10	15	9.6	12	12	18	10	19	9.8	8.3	8.9	11
12	10	15	10	12	12	16	17	9.5	7.9	7.9	8.7	10
13	10	13	9.0	13	11	13	13	8.5	6.7	8.9	7.5	11
14	10	14	10	12	9.8	13	11	9.2	7.5	7.4	11	11
15	10	14	11	11	10	13	11	8.5	7.4	7.3	10	11
16	10	13	11	11	11	13	8.1	7.3	9.0	6.2	9.2	11
17	11	19	11	12	11	12	8.0	6.3	7.8	5.8	9.0	14
18	12	19	9.6	16	10	13	9.5	6.2	7.6	7.0	9.7	14
19	12	15	11	14	23	14	30	4.9	7.5	8.3	10	12
20	12	14	9.1	22	18	13	17	4.8	8.0	7.7	9.9	11
21	12	15	8.8	17	17	12	13	6.1	8.4	8.2	11	11
22	12	16	10	15	15	13	11	6.5	8.2	8.9	10	11
23	15	13	9.7	13	13	13	25	6.3	7.9	12	10	11
24	16	12	8.7	13	12	11	19	8.5	8.7	9.0	10	10
25	14	12	8.3	15	12	12	16	9.7	10	8.5	10	13
26	14	14	8.2	14	11	12	16	7.8	11	7.7	9.4	33
27	15	16	7.8	14	11	10	14	7.8	33	8.7	8.9	15
28	16	15	8.8	14	9.4	10	12	6.9	15	9.1	11	12
29	14	13	9.9	15	9.4	10	11	6.0	11	10	11	14
30	13	13	9.1	14	---	8.5	12	5.8	23	8.8	9.9	13
31	13	---	8.3	15	---	8.2	---	5.5	---	9.9	8.2	---
TOTAL	356.3	435	301.4	419.6	366.6	381.3	356.6	269.5	302.9	269.1	286.9	394.9
MEAN	11.5	14.5	9.72	13.5	12.6	12.3	11.9	8.69	10.1	8.68	9.25	13.2
MAX	16	19	12	22	23	30	30	19	33	16	11	45
MIN	8.2	12	7.8	7.6	9.4	7.9	5.9	4.8	5.3	5.8	6.3	7.6

CAL YR 1987 TOTAL 5333.8 MEAN 14.6 MAX 94 MIN 5.3
WTR YR 1988 TOTAL 4140.1 MEAN 11.3 MAX 45 MIN 4.8

021973405 C-001 AT SAVANNAH RIVER PLANT, 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 SRP A-6, 1000 ft northwest of C-Area, 0.6 mi upstream of Fourmile Creek, at Savannah River Plant.

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: Nov. 17, 27, Mar. 10, Apr. 19, 23, May 10, June 8, 9, 27, July 23, 26, Aug. 1, 6, 17-19, Sept. 12-16. Records poor. Flow completely regulated by Savannah River Plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, July 1, 1984, gage height, 3.59 ft; no flow July 29, 30, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, June 8, gage height, 2.26 ft; no flow July 29, 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	.02	.04	.05	.06	.07	.07	.06	.06	.05	.06	.01	.01
2	.02	.04	.05	.09	.07	.07	.06	.06	.05	.06	.01	.03
3	.01	.04	.05	.10	.07	.07	.06	.06	.05	.06	.01	.01
4	.01	.05	.05	.06	.08	.09	.06	.07	.05	.05	.01	.04
5	.01	.05	.05	.06	.07	.07	.06	.06	.05	.05	.01	.05
6	.01	.04	.05	.06	.07	.07	.07	.06	.05	.05	.01	.02
7	.02	.04	.05	.06	.07	.07	.06	.06	.05	.05	.01	.01
8	.01	.04	.05	.07	.07	.06	.06	.06	.12	.05	.02	.04
9	.01	.04	.05	.07	.07	.07	.06	.06	.10	.05	.01	.12
10	.02	.05	.05	.08	.07	.10	.06	.08	.07	.05	.01	.03
11	.02	.05	.05	.07	.07	.06	.17	.06	.06	.06	.03	.01
12	.02	.04	.05	.07	.07	.06	.10	.06	.06	.05	.01	.01
13	.02	.04	.05	.06	.07	.06	.06	.06	.05	.05	.01	.01
14	.02	.04	.05	.06	.07	.06	.06	.06	.05	.06	.06	.01
15	.02	.04	.06	.06	.07	.06	.06	.06	.05	.05	.02	.01
16	.03	.04	.05	.06	.07	.06	.06	.06	.05	.04	.01	.01
17	.03	.08	.05	.07	.07	.06	.06	.06	.05	.04	.01	.02
18	.04	.06	.05	.07	.07	.06	.08	.06	.05	.03	.01	.02
19	.04	.05	.05	.07	.11	.06	.11	.05	.05	.02	.01	.01
20	.04	.05	.05	.09	.08	.06	.06	.05	.05	.01	.01	.01
21	.04	.05	.05	.06	.07	.06	.06	.05	.05	.01	.01	.01
22	.04	.05	.07	.06	.07	.06	.06	.05	.05	.01	.01	.01
23	.04	.05	.06	.06	.07	.06	.09	.05	.05	.04	.01	.01
24	.04	.05	.06	.06	.08	.06	.06	.07	.05	.01	.01	.01
25	.04	.05	.06	.07	.07	.06	.08	.06	.05	.01	.01	.03
26	.04	.05	.06	.06	.07	.06	.06	.06	.08	.01	.01	.05
27	.05	.07	.06	.07	.07	.06	.06	.05	.11	.02	.01	.03
28	.04	.06	.08	.07	.07	.06	.06	.05	.06	.01	.03	.03
29	.04	.05	.06	.07	.07	.06	.06	.05	.06	.00	.09	.03
30	.04	.05	.06	.06	---	.06	.06	.05	.11	.00	.04	.02
31	.04	---	.06	.06	---	.06	---	.05	---	.01	.03	---
TOTAL	0.87	1.45	1.69	2.09	2.10	2.00	2.08	1.80	1.83	1.07	0.55	0.71
MEAN	.028	.048	.055	.067	.072	.065	.069	.058	.061	.035	.018	.024
MAX	.05	.08	.08	.10	.11	.10	.17	.08	.12	.06	.09	.12
MIN	.01	.04	.05	.06	.07	.06	.06	.05	.05	.00	.01	.01

CAL YR 1987 TOTAL 44.40 MEAN .12 MAX 1.5 MIN .01
WTR YR 1988 TOTAL 18.24 MEAN .050 MAX .17 MIN .00

02197341 TRIBUTARY TO FOURMILE CREEK BELOW TWIN LAKES AT SAVANNAH RIVER PLANT, 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 Plant.

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.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.88 ft^3/s, Mar 4, 1987, gage height, 0.69 ft; minimum daily, 0.02 ft^3/s, May 19-21, 1985, Aug. 4, 1986, Jan. 11-15, Oct. 25, 26, 1987, July 19-22 and Aug. 17-21, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.16 ft^3/s, June 10, gage height, 0.54 ft; minimum daily, 0.02 ft^3/s, Oct. 25, 26, July 19-22, Aug. 17-21.

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	.07	.07	.07	.07	.05	.05	.04	.04	.07	.03	.06
2	.11	.07	.07	.09	.07	.05	.05	.05	.04	.06	.03	.05
3	.10	.07	.07	.09	.07	.05	.05	.04	.03	.05	.03	.06
4	.08	.07	.07	.12	.07	.07	.05	.05	.04	.05	.03	.05
5	.08	.08	.07	.10	.07	.07	.06	.05	.04	.05	.03	.06
6	.08	.08	.07	.10	.07	.06	.06	.05	.03	.04	.03	.06
7	.08	.08	.07	.09	.07	.06	.07	.04	.03	.04	.03	.05
8	.08	.08	.07	.09	.06	.06	.06	.04	.06	.04	.03	.05
9	.07	.08	.07	.09	.06	.06	.05	.04	.11	.03	.03	.11
10	.07	.08	.07	.09	.06	.09	.05	.04	.14	.03	.03	.12
11	.07	.08	.07	.09	.06	.08	.05	.07	.11	.03	.03	.09
12	.07	.08	.07	.08	.06	.07	.09	.06	.08	.04	.04	.06
13	.07	.08	.07	.08	.06	.06	.08	.05	.05	.04	.04	.05
14	.07	.08	.07	.08	.06	.05	.06	.05	.05	.04	.04	.04
15	.07	.08	.08	.08	.06	.05	.05	.05	.04	.05	.04	.04
16	.07	.07	.08	.08	.06	.05	.05	.05	.04	.04	.04	.04
17	.07	.10	.07	.08	.06	.05	.05	.05	.03	.03	.02	.05
18	.06	.14	.07	.08	.05	.05	.06	.04	.03	.03	.03	.07
19	.06	.10	.07	.08	.08	.07	.09	.05	.03	.02	.02	.06
20	.06	.08	.07	.08	.08	.06	.08	.04	.03	.02	.02	.05
21	.07	.07	.07	.08	.07	.05	.07	.04	.03	.02	.02	.04
22	.06	.07	.08	.07	.06	.05	.06	.04	.03	.02	.03	.04
23	.07	.07	.07	.07	.06	.04	.06	.04	.03	.04	.03	.04
24	.07	.07	.07	.07	.05	.04	.09	.04	.03	.05	.04	.04
25	.02	.07	.07	.07	.05	.05	.08	.06	.03	.05	.04	.04
26	.02	.07	.07	.07	.05	.05	.08	.06	.04	.04	.04	.06
27	.06	.07	.06	.07	.05	.05	.07	.05	.10	.03	.04	.05
28	.06	.08	.06	.07	.05	.05	.06	.05	.08	.06	.03	.04
29	.07	.08	.08	.07	.05	.05	.05	.04	.06	.05	.05	.04
30	.07	.07	.08	.07	---	.04	.04	.04	.06	.04	.08	.04
31	.07	---	.07	.07	---	.04	---	.04	---	.03	.07	---
TOTAL	2.17	2.37	2.20	2.52	1.79	1.72	1.87	1.45	1.54	1.23	1.09	1.65
MEAN	.070	.079	.071	.081	.062	.055	.062	.047	.051	.040	.035	.055
MAX	.11	.14	.08	.12	.08	.09	.09	.07	.14	.07	.08	.12
MIN	.02	.07	.06	.07	.05	.04	.04	.04	.03	.02	.02	.04

CAL YR 1987 TOTAL 33.38 MEAN .091 MAX .88 MIN .02
WTR YR 1988 TOTAL 21.60 MEAN .059 MAX .14 MIN .02

02197342 SITE NO. 7 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'40'', long 81°41'45'', Barnwell County, Hydrologic Unit 03060106, on right upstream end of concrete culvert pipe on Four Mile Creek at SRP Road A-7, 1.0 mi southwest of Area C, at Savannah River Plant.

DRAINAGE AREA.--12.5 mi^2.

PERIOD OF RECORD.--September 1967 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 155 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--16 years, 17.44 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, 74 ft^3/s, Sept. 9, gage height, 2.67 ft; minimum daily, 5.9 ft^3/s, July 18.

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	14	12	15	12	14	12	11	10	7.6	26	8.9	8.9
2	11	11	14	23	13	12	11	10	7.5	13	7.0	8.8
3	11	11	14	22	13	10	11	9.9	7.7	12	7.9	10
4	12	11	13	24	16	18	12	9.7	8.0	12	9.9	8.9
5	11	13	13	16	15	14	10	15	7.6	9.4	10	15
6	10	14	13	13	13	12	9.7	11	7.6	8.1	9.2	11
7	9.8	13	13	14	13	11	10	10	8.4	7.0	9.2	9.5
8	9.8	13	13	15	12	11	10	9.4	14	7.0	8.4	9.1
9	11	13	13	14	12	12	10	8.8	26	7.2	9.5	48
10	11	15	13	14	12	34	10	8.9	35	6.7	8.8	29
11	11	14	13	16	13	18	12	22	12	6.6	8.9	27
12	11	14	13	15	13	15	25	11	10	9.2	9.9	26
13	11	13	13	15	13	13	17	8.9	8.3	7.8	8.3	26
14	10	13	13	15	12	11	14	10	7.9	7.9	11	18
15	10	13	15	14	12	12	13	9.4	7.8	7.3	11	12
16	10	13	14	13	12	11	11	8.6	8.2	6.4	9.6	9.6
17	11	21	14	14	12	12	10	7.8	8.4	6.4	9.1	9.5
18	11	27	13	20	12	12	12	7.9	8.1	5.9	8.9	8.8
19	12	16	13	17	28	16	34	7.1	10	7.8	9.1	8.4
20	12	14	13	23	20	13	19	6.6	7.7	7.5	9.0	8.2
21	11	13	13	21	16	12	13	6.5	8.0	8.1	9.2	11
22	10	15	16	15	15	12	11	7.9	7.7	8.5	9.8	14
23	12	14	15	14	12	13	16	7.7	7.8	12	10	10
24	15	14	13	13	12	12	35	8.1	7.4	12	10	8.9
25	13	13	13	14	11	12	14	14	8.6	8.8	9.4	8.3
26	13	15	13	14	12	15	19	10	9.1	7.8	8.8	8.3
27	13	18	12	13	12	13	14	9.4	39	8.3	8.0	7.8
28	14	21	14	13	10	11	12	9.1	17	11	9.3	7.5
29	14	16	16	13	11	13	10	8.2	10	9.5	13	9.5
30	12	14	13	13	---	12	10	7.6	11	8.7	13	29
31	12	---	13	14	---	11	---	7.5	---	10	9.9	---
TOTAL	358.6	437	419	486	391	415	425.7	298.0	343.4	285.9	294.0	426.0
MEAN	11.6	14.6	13.5	15.7	13.5	13.4	14.2	9.61	11.4	9.22	9.48	14.2
MAX	15	27	16	24	28	34	35	22	39	26	13	48
MIN	9.8	11	12	12	10	10	9.7	6.5	7.4	5.9	7.0	7.5

CAL YR 1987 TOTAL 6471.4 MEAN 17.7 MAX 117 MIN 5.5
WTR YR 1988 TOTAL 4579.6 MEAN 12.5 MAX 48 MIN 5.9

021973424 C-003 AT SAVANNAH RIVER PLANT, 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 SRP Road 3, at Savannah River Plant.

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: Nov. 17, 27, Mar. 10, Apr. 11, 19, 23, May 10, June 8, 9, 27, July 23, Aug. 29, Sept. 9. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, June 10, 1986, gage height, 1.87 ft; no flow, Sept. 29, 30, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, probably occurred June 8; gage height, 1.86 ft, from indicator; no flow, Sept. 29, 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	.52	.55	.48	.45	.49	.73	.55	.60	.59	.49	.53	.48
2	.53	.62	.26	.76	.49	.50	.55	.59	.80	.50	.53	.52
3	.55	.50	.48	.79	.48	.50	.55	.59	.55	.50	.53	.48
4	.55	.54	.49	.25	.46	.54	.51	.59	.55	.48	.65	.71
5	.55	.56	.50	.45	.45	.50	.54	.72	.55	.48	.53	.59
6	.55	.59	.50	.46	.45	.50	.67	.58	.54	.49	.55	.48
7	.60	.60	.55	.46	.74	.50	.53	.60	.54	.61	.55	.59
8	.54	.60	.67	.45	.50	.49	.54	.61	.90	.57	.64	.65
9	.57	.57	.61	.43	.50	.47	.78	.59	1.0	.50	.54	1.5
10	.54	.55	.48	.41	.59	.61	.70	.74	.60	.50	.53	.53
11	.54	.63	.51	.48	.50	.43	.90	.88	.49	.50	.72	.50
12	.53	.55	.53	.70	.51	.45	.88	.62	.50	.48	.52	.50
13	.52	.54	.55	.45	.68	.46	.59	.61	.49	.49	.54	.50
14	.52	.55	.52	.56	.55	.49	.72	.61	.50	.74	.58	.50
15	.61	.56	.64	.51	.55	.59	.58	.61	.51	.49	.53	.62
16	.56	.55	.53	.49	.52	.76	.60	.59	.63	.50	.53	.50
17	.58	.74	.54	.53	.59	.57	.60	.58	.50	.50	.54	.54
18	.59	.53	.52	.47	.50	.64	.67	.57	.50	.50	.57	.50
19	.56	.64	.54	.44	.80	.90	1.0	.58	.49	.53	.65	.48
20	.54	.54	.55	.61	.51	1.4	.70	.88	.48	.65	.55	.48
21	.69	.50	.50	.49	.50	.67	.56	.58	.49	.53	.55	.49
22	.55	.51	.48	.41	.49	.54	.59	.57	.49	.54	.54	.50
23	.54	.59	.66	.45	.45	.66	1.0	.56	.62	.61	.53	.50
24	.55	.50	.45	.44	.51	.57	.57	.66	.50	.50	.52	.50
25	.55	.50	.62	.41	.53	.52	.73	.54	.50	.52	1.0	.57
26	.54	.50	.79	.40	.54	.50	.57	.84	.55	.51	.54	.56
27	.75	.55	.50	.66	.55	.50	.54	.55	.74	.46	.55	.67
28	.53	.50	.61	.67	.55	.52	.74	.56	.48	.57	.54	.30
29	.53	.49	.47	.46	.55	.53	.58	.58	.48	.52	.74	.00
30	.54	.48	.49	.50	---	.65	.61	.58	.79	.53	.51	.0
31	.55	---	.62	.50	---	.54	---	.59	---	.54	.74	---
TOTAL	17.37	16.63	16.64	15.54	15.53	18.23	19.65	19.35	17.35	16.33	18.07	15.74
MEAN	.56	.55	.54	.50	.54	.59	.65	.62	.58	.53	.58	.52
MAX	.75	.74	.79	.79	.80	1.4	1.0	.88	1.0	.74	1.0	1.5
MIN	.52	.48	.26	.25	.45	.43	.51	.54	.48	.46	.51	.00

CAL YR 1987 TOTAL 191.84 MEAN .53 MAX 2.6 MIN .26
WTR YR 1988 TOTAL 206.43 MEAN .56 MAX 1.5 MIN .00

021973426 C-004 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20'', long 81°40'25'', Barnwell County, Hydrologic Unit 03060106, near left bank 100 ft downstream from SRP Road 3, 0.5 mi south of C-Area, 0.6 mi west of junction of SRP Roads 3 and 5 at Savannah River Plant.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1983 to September 1988. (Discontinued).

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 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, 38 ft^3/s, Aug. 30, 31, gage height, 3.36 ft; minimum daily, 5.6 ft^3/s, Mar. 16.

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	6.4	6.3	7.0	6.5	7.3	7.1	7.1	9.5	11	6.8	6.4	19
2	6.6	6.3	7.0	6.5	7.1	7.0	7.2	9.0	12	6.8	6.4	7.5
3	6.6	6.3	7.1	6.5	7.1	7.1	7.2	8.9	11	6.8	6.5	7.4
4	6.5	6.4	7.1	6.5	7.0	7.0	7.2	9.0	9.9	6.8	6.4	7.6
5	6.6	6.4	6.9	6.4	6.8	6.9	7.1	9.9	10	6.8	6.6	7.7
6	6.7	6.3	6.9	6.5	6.7	6.9	7.1	10	11	6.8	6.6	8.3
7	6.6	6.3	7.0	6.6	6.7	6.9	7.1	10	11	6.8	6.5	9.6
8	6.5	6.4	7.1	6.6	6.8	6.9	7.0	11	15	6.8	6.5	11
9	6.5	6.5	7.2	6.7	6.7	6.4	7.0	12	14	6.8	6.5	13
10	6.6	6.6	7.2	6.6	6.8	6.2	7.1	13	11	6.8	6.4	15
11	6.7	6.4	6.9	6.6	6.9	6.2	16	14	7.3	6.7	6.3	17
12	6.6	6.3	6.9	6.6	6.9	6.2	23	14	7.2	6.7	6.4	18
13	6.5	6.5	6.8	6.7	6.9	6.3	23	13	7.2	6.7	6.2	19
14	6.5	6.5	7.1	6.8	7.0	6.0	24	14	7.3	6.7	6.3	20
15	6.5	6.6	7.1	6.8	7.1	5.9	24	12	7.4	6.7	6.3	21
16	6.5	6.9	6.8	6.8	6.9	5.6	22	9.4	7.3	6.7	6.2	27
17	6.5	6.9	6.6	7.0	6.8	5.7	21	9.0	7.4	6.7	6.2	23
18	6.6	6.8	6.6	7.1	6.8	5.7	22	9.1	7.2	6.7	6.2	16
19	6.6	6.7	6.7	7.3	7.4	5.7	22	8.7	7.0	6.7	6.1	23
20	6.7	6.8	7.0	7.5	7.5	6.0	16	8.9	7.0	6.6	6.1	23
21	6.6	6.7	6.9	7.4	7.4	7.3	15	9.5	7.0	6.6	6.0	23
22	6.4	6.7	6.8	7.3	7.4	7.8	15	9.9	7.0	6.5	5.7	23
23	6.4	6.9	6.6	7.3	7.4	8.0	14	9.6	7.0	6.5	5.9	22
24	6.6	6.9	6.7	7.5	7.3	7.5	18	8.7	6.9	6.6	5.9	21
25	6.6	7.2	6.8	7.5	7.0	7.4	13	8.5	6.9	6.6	6.0	18
26	6.6	7.2	6.9	7.4	6.9	7.4	11	8.7	6.8	6.5	7.9	8.9
27	6.6	7.2	6.7	7.4	7.1	7.1	11	8.6	6.9	6.5	14	12
28	6.5	7.0	6.6	7.7	7.0	6.9	11	9.2	6.9	6.5	22	14
29	6.4	7.0	6.4	8.0	7.0	6.9	10	9.8	6.9	6.5	29	14
30	6.4	7.1	6.2	8.2	---	7.4	9.0	10	6.8	6.5	38	10
31	6.3	---	6.4	7.9	---	7.5	---	11	---	6.5	38	---
TOTAL	202.7	200.1	212.0	218.2	203.7	208.9	411.1	317.9	257.3	206.7	305.5	479.0
MEAN	6.54	6.67	6.84	7.04	7.02	6.74	13.7	10.3	8.58	6.67	9.85	16.0
MAX	6.7	7.2	7.2	8.2	7.5	8.0	24	14	15	6.8	38	27
MIN	6.3	6.3	6.2	6.4	6.7	5.6	7.0	8.5	6.8	6.5	5.7	7.4

CAL YR 1987 TOTAL 1833.6 MEAN 5.02 MAX 27 MIN .00
WTR YR 1988 TOTAL 3223.1 MEAN 8.81 MAX 38 MIN 5.6

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 72.3°C, Aug. 19, 21, 1984; minimum, 4.0°C, Jan. 9, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, June 27; minimum, 4.0°C, Jan. 9.

TEMPERATURE (°C) OF WATER, 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	22.5	21.0	21.5	15.5	15.0	15.5	12.0	10.0	10.5	8.0	7.5	7.5
2	21.0	18.5	19.5	16.5	15.5	16.0	10.0	8.5	9.0	8.5	8.0	8.0
3	19.0	18.5	19.0	17.0	16.5	16.5	8.5	7.5	8.0	9.0	8.5	8.5
4	19.0	16.5	17.5	17.0	17.0	17.0	9.0	8.5	9.0	8.5	8.0	8.0
5	17.0	15.5	16.0	18.0	17.0	17.5	9.0	7.5	8.0	8.0	7.5	7.5
6	16.5	16.0	16.0	18.0	16.0	17.0	7.5	6.5	7.0	7.5	6.0	6.5
7	17.5	16.5	17.0	16.0	13.5	14.5	7.5	7.0	7.0	6.0	4.5	5.5
8	17.5	16.0	16.5	13.5	13.0	13.5	8.0	7.5	7.5	4.5	4.5	4.5
9	16.0	15.0	15.5	14.0	13.5	13.5	8.5	8.0	8.0	4.5	4.0	4.5
10	16.0	15.5	15.5	14.5	14.0	14.0	9.0	8.5	9.0	4.5	4.5	4.5
11	17.0	16.0	16.5	15.0	14.0	14.5	10.0	9.0	9.5	4.5	4.5	4.5
12	17.5	17.0	17.0	14.0	11.0	12.0	11.0	10.0	10.5	5.5	4.5	5.0
13	17.0	15.5	16.5	11.0	10.0	10.5	11.0	10.0	10.5	5.5	5.0	5.0
14	16.5	14.5	15.0	11.0	10.5	10.5	10.5	10.0	10.5	10.0	5.5	6.5
15	15.0	13.5	14.5	11.0	10.5	11.0	11.0	10.5	10.5	6.0	6.0	6.0
16	14.5	13.5	14.0	11.5	11.0	11.0	11.0	10.0	10.5	6.0	5.5	5.5
17	14.5	13.5	14.0	12.0	11.5	11.5	10.0	7.5	8.5	7.5	5.5	7.0
18	15.0	14.0	14.5	13.0	12.0	12.0	8.0	6.5	7.0	7.5	7.0	7.5
19	15.5	15.0	15.5	13.5	13.0	13.0	7.0	6.5	7.0	7.5	7.5	7.5
20	16.5	15.5	16.0	13.0	12.0	12.5	7.5	7.0	7.5	8.0	7.5	7.5
21	17.5	16.5	17.0	12.0	10.0	10.5	8.5	7.5	8.0	9.5	8.0	8.5
22	17.5	15.0	16.0	10.0	8.0	8.5	9.0	8.5	8.5	11.0	9.5	10.0
23	15.0	13.0	13.5	9.0	8.0	8.5	10.0	9.0	9.5	11.0	9.5	10.0
24	14.0	13.5	13.5	9.5	9.0	9.0	10.0	10.0	10.0	10.0	9.5	9.5
25	15.0	14.0	14.5	10.5	9.5	10.0	10.0	10.0	10.0	9.5	9.0	9.5
26	15.5	15.0	15.5	10.5	10.5	10.5	10.5	10.0	10.5	9.5	8.0	9.0
27	16.0	15.5	16.0	11.5	11.0	11.0	11.5	10.5	11.0	8.5	7.0	7.5
28	17.0	16.0	16.5	12.0	11.5	11.5	12.0	11.5	11.5	7.5	7.0	7.0
29	16.5	15.0	15.5	13.0	12.0	12.5	12.0	11.0	11.5	8.0	7.0	7.5
30	15.0	14.5	15.0	13.0	12.0	12.5	10.5	8.0	9.0	8.5	7.5	8.0
31	15.0	14.5	15.0	---	---	---	8.0	7.5	7.5	8.5	8.0	8.5
MONTH	22.5	13.0	16.0	18.0	8.0	12.5	12.0	6.5	9.0	11.0	4.0	7.0

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	9.5	8.5	9.0	11.0	10.0	10.5	17.5	16.5	17.0	20.5	18.5	19.5
2	10.0	9.5	9.5	11.0	10.5	10.5	18.0	17.5	17.5	21.0	18.5	19.5
3	11.0	10.0	10.5	11.5	10.5	11.0	18.0	18.0	18.0	21.5	19.5	20.0
4	11.5	11.0	11.0	13.0	11.5	12.5	19.0	18.5	18.5	22.5	20.5	21.5
5	12.0	11.5	12.0	14.0	13.0	13.5	19.5	17.5	19.0	22.5	20.5	21.5
6	12.0	10.5	11.0	14.0	14.0	14.0	19.5	18.5	19.0	22.5	20.0	21.0
7	10.5	7.5	8.5	14.5	13.5	14.0	18.5	16.5	17.0	22.0	20.0	20.5
8	7.5	7.5	7.5	14.0	13.5	14.0	16.5	15.5	16.0	22.0	20.5	21.0
9	8.0	7.5	7.5	14.5	14.0	14.0	16.5	15.5	16.0	23.0	21.5	22.0
10	8.0	7.5	8.0	15.5	14.5	14.5	17.0	16.5	16.5	24.0	22.5	23.0
11	8.5	8.0	8.5	15.5	14.0	14.5	21.0	17.0	18.5	24.5	21.5	22.5
12	10.0	8.5	9.0	14.0	13.5	14.0	20.5	18.0	19.0	23.5	22.0	22.5
13	10.0	7.5	8.5	15.0	14.0	14.5	18.0	16.0	17.0	24.0	22.5	23.0
14	8.0	7.0	7.5	15.0	14.5	15.0	19.0	17.0	17.5	23.5	22.5	23.0
15	7.5	7.5	7.5	14.5	11.5	12.5	19.5	17.5	18.0	24.0	22.5	23.0
16	8.5	8.0	8.0	11.5	10.5	11.0	21.0	19.0	19.5	25.0	23.5	24.0
17	8.5	8.0	8.5	10.5	10.0	10.0	20.5	18.0	19.5	25.5	23.5	24.5
18	8.5	8.0	8.5	10.0	10.0	10.0	20.5	19.0	19.5	25.5	23.5	24.5
19	9.0	8.5	8.5	10.0	10.0	10.0	21.0	19.0	19.5	25.5	23.5	24.5
20	9.5	9.0	9.0	10.5	10.0	10.0	20.5	18.5	19.0	25.5	23.5	24.5
21	10.5	9.5	9.5	11.5	10.5	11.0	20.0	18.5	19.0	26.0	23.5	24.5
22	10.5	9.0	9.5	12.5	11.5	12.0	21.5	19.5	20.5	25.5	24.0	24.5
23	10.0	9.0	9.5	13.5	12.5	13.0	22.5	21.5	22.0	26.0	25.0	25.5
24	11.0	10.0	10.5	14.5	13.5	14.0	22.0	20.5	21.5	27.5	25.5	26.5
25	11.0	9.5	10.0	15.0	14.5	14.5	23.0	20.5	21.5	27.5	24.5	26.0
26	9.5	8.5	9.0	16.0	15.0	15.5	22.5	20.0	21.0	26.5	24.0	25.0
27	9.0	8.5	8.5	16.5	16.0	16.5	21.5	20.0	20.5	26.0	23.0	24.0
28	10.0	9.0	9.0	17.0	15.5	16.0	22.5	20.0	21.0	24.5	22.0	23.0
29	10.0	10.0	10.0	15.5	15.0	15.5	21.5	19.0	20.0	24.0	22.5	23.5
30	---	---	---	16.0	15.5	15.5	20.0	18.5	19.0	26.0	24.0	24.5
31	---	---	---	16.5	16.0	16.5	---	---	---	26.5	24.5	25.5
MONTH	12.0	7.0	9.0	17.0	10.0	13.0	23.0	15.5	19.0	27.5	18.5	23.0

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

02197344 FOUR MILE CREEK AT ROAD A-12.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°11'21'', long 81°43'26'', Barnwell County, Hydrologic Unit 03060106, on left downstream side of bridge on SRP Road A-12.2, 500 ft northwest of SRP Road A-13, 1.0 mi southeast of Area D, at Savannah River Plant.

DRAINAGE AREA.--22.0 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 903 ft^3/s, Mar. 13, 1980, gage height, 3.93 ft; minimum daily, 10 ft^3/s, July 18, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 102 ft^3/s, Sept. 10, gage height, 1.66 ft; minimum daily, 10 ft^3/s, July 18.

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	23	18	23	22	24	21	20	19	14	33	15	16
2	17	18	23	33	22	22	20	19	14	23	13	15
3	16	18	22	36	22	21	20	18	14	18	12	18
4	16	18	22	38	25	28	20	18	14	18	13	16
5	17	18	21	28	25	26	19	22	14	16	15	22
6	17	20	21	24	23	23	22	20	14	14	14	21
7	16	19	21	24	22	22	22	18	14	13	14	16
8	15	19	22	26	22	22	19	17	19	12	13	15
9	15	20	22	24	21	23	19	17	41	12	14	49
10	16	22	23	25	21	41	18	17	50	12	14	71
11	16	21	22	26	22	34	20	28	30	12	13	27
12	17	20	22	26	22	26	34	22	19	15	16	19
13	16	20	21	25	22	25	27	18	17	13	14	16
14	16	20	21	26	20	23	22	18	15	13	13	15
15	16	20	24	24	21	23	21	17	15	13	17	14
16	16	21	25	23	22	23	19	17	14	12	15	14
17	16	28	22	24	21	24	18	16	15	11	13	15
18	17	39	22	31	21	24	20	15	14	10	13	22
19	17	26	22	28	36	28	42	15	16	11	13	20
20	17	22	23	31	34	26	33	14	14	12	13	16
21	17	21	23	35	27	24	23	14	14	12	13	14
22	16	22	27	26	24	23	20	15	14	12	14	13
23	17	23	25	24	22	24	25	15	13	17	15	13
24	19	22	23	23	22	24	43	16	13	20	16	13
25	20	21	23	24	21	24	25	22	14	14	14	15
26	19	23	23	24	21	27	29	19	14	13	13	24
27	20	26	22	22	21	25	23	17	31	12	12	35
28	20	30	23	22	20	23	21	17	39	15	13	18
29	21	25	27	22	20	23	19	16	18	14	21	15
30	18	23	23	23	---	22	19	15	18	14	28	15
31	18	---	23	23	---	21	---	14	---	13	18	---
TOTAL	537	663	706	812	666	765	702	545	565	449	454	612
MEAN	17.3	22.1	22.8	26.2	23.0	24.7	23.4	17.6	18.8	14.5	14.6	20.4
MAX	23	39	27	38	36	41	43	28	50	33	28	71
MIN	15	18	21	22	20	21	18	14	13	10	12	13

CAL YR 1987 TOTAL 11523 MEAN 31.6 MAX 269 MIN 13
WTR YR 1988 TOTAL 7476 MEAN 20.4 MAX 71 MIN 10

02197345 K-011 AT SAVANNAH RIVER PLANT, 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 SRP Road B, 0.5 mi west of K-Area, at Savannah River Plant.

WATER-DISCHARGE RECORDS

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

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

REMARKS.--Estimated daily discharges: July 16, 17. Records good. Flow regulated completely by Savannah River Plant operations.

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, 501 ft^3/s, Oct. 1, 6, 11, gage height, 3.37 ft; minimum daily, 21 ft^3/s, Aug. 7, 8.

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	464	452	435	439	208	454	460	75	35	34	24	41
2	452	446	430	436	287	447	447	50	38	68	24	42
3	460	449	440	431	470	450	440	34	33	69	24	42
4	442	460	443	431	461	453	439	53	31	70	23	39
5	454	455	447	430	446	451	452	58	34	70	24	42
6	462	417	437	308	441	455	456	56	34	69	22	42
7	453	423	436	132	431	457	455	55	36	64	21	40
8	457	431	441	239	431	458	448	59	36	68	21	42
9	447	441	443	430	424	457	445	48	37	69	23	42
10	455	456	443	437	434	450	441	58	37	73	24	44
11	470	429	444	431	433	451	143	41	37	61	24	44
12	465	422	449	420	430	457	139	38	33	60	24	45
13	453	433	440	442	432	457	160	37	34	61	24	45
14	453	436	445	441	440	456	207	38	36	63	24	47
15	460	429	443	444	439	450	211	39	35	52	23	47
16	447	442	435	454	435	449	205	41	36	48	22	47
17	460	438	447	459	432	449	205	40	35	44	22	46
18	455	437	455	453	434	457	202	40	31	42	23	45
19	462	428	461	446	434	459	144	38	33	42	23	48
20	461	418	465	436	432	458	133	38	34	49	23	48
21	449	409	460	429	430	457	133	39	36	60	25	48
22	411	397	459	432	440	447	131	40	35	42	28	47
23	82	419	458	433	448	450	131	41	35	35	30	49
24	414	431	454	435	446	454	134	38	30	36	33	49
25	451	440	465	433	435	452	140	35	33	35	35	50
26	454	442	466	434	437	457	134	30	35	33	37	50
27	449	443	458	432	443	456	139	30	42	33	37	51
28	443	444	458	436	451	439	134	31	30	33	36	51
29	432	443	449	442	454	451	134	33	27	31	37	83
30	432	433	436	450	---	464	125	38	32	25	37	67
31	444	---	434	442	---	460	---	36	---	25	36	---
TOTAL	13593	13043	13876	12937	12358	14062	7567	1327	1030	1564	833	1423
MEAN	438	435	448	417	426	454	252	42.8	34.3	50.5	26.9	47.4
MAX	470	460	466	459	470	464	460	75	42	73	37	83
MIN	82	397	430	132	208	439	125	30	27	25	21	39

CAL YR 1987 TOTAL 138822 MEAN 380 MAX 486 MIN 59
WTR YR 1988 TOTAL 93613 MEAN 256 MAX 470 MIN 21

02197345 K-011 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor and 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, 47.0°C Apr. 5; minimum, 6.0°C, Jan. 9, 10.

TEMPERATURE (°C) OF WATER, 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	43.5	42.0	43.0	43.0	41.5	42.5	41.5	40.5	41.0	41.0	40.0	40.5
2	43.5	43.0	43.0	43.5	41.0	43.0	41.0	38.5	40.0	41.0	40.0	40.5
3	43.0	42.0	43.0	45.0	41.5	43.5	40.5	40.0	40.0	40.5	40.0	40.0
4	42.5	42.0	42.0	44.5	44.0	44.5	40.5	40.0	40.0	40.0	39.5	40.0
5	42.0	41.5	41.5	45.0	44.0	44.5	40.0	39.5	40.0	39.5	11.0	38.5
6	42.0	40.5	41.5	44.5	40.0	43.5	40.0	39.5	39.5	10.0	9.0	9.5
7	42.5	41.0	42.0	43.5	43.0	43.0	39.5	39.5	39.5	9.0	7.0	8.0
8	42.0	40.0	41.5	43.5	43.0	43.5	40.5	39.5	40.0	7.0	6.5	7.0
9	42.5	41.5	42.0	43.5	43.0	43.0	41.5	40.5	41.0	7.0	6.0	6.5
10	43.0	42.0	42.5	44.0	41.0	43.5	42.0	41.0	41.5	11.5	6.0	7.5
11	43.5	42.0	43.0	43.5	40.5	42.5	42.5	42.0	42.0	33.5	11.5	28.0
12	43.5	42.0	43.0	42.5	42.0	42.5	42.5	41.5	42.0	37.5	33.5	36.5
13	42.5	41.5	42.0	42.5	41.0	41.5	42.0	41.0	41.5	37.0	35.5	36.5
14	42.5	40.0	42.0	41.5	41.0	41.5	42.0	41.0	41.5	37.0	35.5	36.5
15	42.5	40.5	42.0	42.0	41.5	42.0	43.0	42.0	42.5	37.0	33.0	36.0
16	42.5	41.5	42.0	43.0	42.5	42.5	42.0	41.0	41.5	37.0	35.0	36.0
17	42.5	41.5	42.0	43.5	43.0	43.5	41.0	40.5	41.0	37.0	35.5	36.0
18	43.0	40.0	42.5	44.0	43.0	43.5	40.5	39.5	40.0	38.0	36.5	37.5
19	43.0	42.5	43.0	43.5	16.0	29.5	40.5	39.5	40.0	39.0	37.5	38.5
20	43.5	43.0	43.0	16.0	15.0	15.5	41.5	40.0	40.5	40.0	39.0	39.5
21	44.0	42.5	43.5	15.0	13.5	14.0	41.5	41.5	41.5	40.5	40.0	40.0
22	43.0	17.0	25.5	13.5	13.0	13.0	42.0	41.5	42.0	40.5	39.5	40.0
23	18.5	17.0	17.5	13.5	12.5	13.0	42.0	41.5	42.0	39.5	38.5	39.0
24	17.0	16.5	17.0	13.5	13.0	13.5	42.0	41.5	42.0	38.5	37.5	38.0
25	34.5	17.0	24.0	15.0	13.5	14.5	42.5	41.5	42.0	38.5	38.0	38.5
26	42.0	34.0	38.5	20.0	15.0	15.5	43.0	42.0	42.5	38.0	37.5	37.5
27	44.0	41.5	43.0	30.0	20.0	22.5	43.0	42.5	43.0	37.5	37.0	37.5
28	43.5	18.0	37.5	43.0	33.0	41.0	43.0	42.5	43.0	37.0	36.5	37.0
29	17.5	17.0	17.5	43.0	42.5	43.0	42.5	41.5	42.0	37.0	36.5	37.0
30	37.5	17.0	26.5	42.5	41.5	42.0	41.5	40.5	41.0	38.0	37.0	37.5
31	42.0	37.5	41.0	---	---	---	40.5	39.0	40.0	39.0	38.0	38.5
MONTH	44.0	16.5	38.0	45.0	12.5	35.0	43.0	38.5	41.0	41.0	6.0	33.0

02197345 K-011, AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	39.0	10.0	16.5	42.5	37.0	41.0	46.5	46.0	46.0	18.5	17.0	17.5
2	34.0	11.0	15.0	42.5	39.0	41.0	46.5	46.0	46.0	20.5	17.0	18.5
3	41.0	33.5	38.5	42.5	42.0	42.5	46.0	46.0	46.0	21.0	18.0	19.0
4	41.5	38.5	41.0	43.0	42.5	42.5	46.5	46.0	46.0	19.5	18.5	19.0
5	42.0	40.0	41.0	43.0	42.5	43.0	47.0	46.0	46.5	20.0	18.5	19.0
6	40.5	39.0	39.5	43.0	42.5	43.0	46.5	45.5	46.5	19.5	18.0	19.0
7	39.0	38.5	39.0	43.0	37.5	42.5	45.5	45.5	45.5	20.0	18.0	19.0
8	38.5	38.0	38.5	43.0	42.5	42.5	46.0	42.5	45.5	20.5	18.5	19.0
9	38.5	38.0	38.0	44.0	41.0	43.5	46.0	45.5	46.0	21.5	19.0	20.0
10	38.5	38.0	38.0	44.0	42.5	43.5	45.5	15.5	19.5	21.0	19.5	20.0
11	39.0	38.5	38.5	43.5	39.0	42.0	18.0	16.0	17.0	22.5	19.5	21.0
12	40.5	38.5	39.0	44.0	42.5	43.5	17.0	16.0	16.5	22.5	20.0	21.0
13	40.0	39.5	40.0	44.0	43.0	43.5	16.5	15.5	16.0	21.5	20.5	21.0
14	40.0	38.0	39.5	44.0	42.5	43.5	16.0	15.5	15.5	22.0	20.5	21.0
15	39.5	38.5	39.0	43.5	42.5	43.0	16.5	15.5	16.0	23.0	20.5	21.5
16	39.5	37.5	39.0	43.0	42.5	43.0	17.0	16.5	16.5	24.0	21.0	22.0
17	39.5	36.0	39.0	42.5	42.0	42.0	17.5	16.0	17.0	22.5	21.0	22.0
18	39.5	37.5	39.0	42.5	38.0	41.5	18.0	17.0	17.5	23.0	20.5	21.5
19	40.0	37.5	39.5	42.5	41.0	42.0	18.5	17.5	18.0	23.5	21.0	22.0
20	40.0	34.5	39.5	43.0	42.0	42.5	18.5	17.5	18.0	23.5	21.0	22.0
21	40.0	39.5	39.5	44.0	41.0	43.0	18.5	17.5	18.0	24.0	20.5	22.0
22	40.0	39.5	39.5	44.5	43.5	44.0	19.5	18.5	19.0	24.0	21.5	22.5
23	40.5	40.0	40.0	45.0	44.0	44.5	19.5	19.0	19.5	24.5	21.5	23.0
24	41.0	40.5	40.5	45.0	44.5	45.0	20.0	19.0	19.5	25.0	22.0	23.0
25	40.5	38.5	40.0	45.5	45.0	45.0	20.0	19.0	19.5	24.5	22.0	23.0
26	41.0	40.0	40.5	45.5	45.0	45.5	19.0	18.5	18.5	24.0	21.0	22.0
27	41.0	40.5	41.0	46.0	45.5	45.5	19.5	18.5	19.0	23.0	20.5	21.5
28	41.5	41.0	41.0	46.0	45.5	45.5	19.0	18.0	18.5	23.0	20.0	21.0
29	41.5	38.0	40.5	46.0	45.5	45.5	18.5	17.5	18.0	23.0	20.0	21.5
30	---	---	---	46.5	45.5	46.0	17.5	17.5	17.5	23.5	21.0	22.0
31	---	---	---	46.0	46.0	46.0	---	---	---	23.5	21.0	22.5
MONTH	42.0	10.0	38.0	46.5	37.0	43.5	47.0	15.5	26.5	25.0	17.0	21.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.5	21.5	23.0	27.0	25.0	26.0	29.0	25.0	26.5	25.5	23.0	24.0
2	25.0	22.5	23.5	25.0	24.5	25.0	29.0	25.0	26.5	23.5	23.0	23.0
3	24.5	22.5	23.5	24.5	23.5	24.0	29.5	25.5	27.0	25.5	23.0	24.0
4	24.0	22.0	23.0	24.0	23.0	23.5	29.0	26.0	26.5	24.5	23.5	24.0
5	23.5	21.0	22.5	24.0	23.0	23.5	28.5	25.5	26.5	24.5	22.5	23.5
6	24.0	21.5	22.5	24.5	23.0	23.5	28.5	25.5	26.5	27.0	22.5	23.5
7	24.5	22.0	23.5	24.5	23.0	23.5	29.0	25.5	26.5	24.5	22.5	23.0
8	25.5	23.0	24.0	25.0	23.5	24.0	28.5	25.0	26.0	22.5	22.0	22.0
9	25.5	23.0	24.0	25.0	24.0	24.5	28.5	25.0	26.5	23.0	21.5	22.0
10	24.0	22.5	23.0	25.5	24.5	25.0	28.5	25.5	26.5	24.0	21.5	22.5
11	24.0	21.5	22.5	26.0	24.5	25.0	27.5	25.5	26.0	24.0	22.0	22.5
12	24.0	21.0	22.5	27.0	25.0	25.5	29.0	25.0	26.5	24.0	22.0	23.0
13	24.5	21.5	22.5	27.5	25.0	26.0	28.5	25.0	26.5	24.5	22.0	23.0
14	24.5	21.5	23.0	27.5	25.0	26.0	28.0	25.5	26.0	25.5	22.5	24.0
15	25.0	22.0	23.5	---	---	---	28.5	25.0	26.0	26.0	23.5	24.5
16	25.5	22.5	24.0	---	---	---	28.0	25.0	26.0	24.5	23.0	24.0
17	26.0	23.5	24.5	---	---	---	29.0	25.0	26.5	24.0	23.0	23.5
18	26.5	24.0	25.0	---	---	---	29.5	25.5	27.0	23.5	22.5	23.0
19	26.0	24.0	25.0	29.0	26.5	27.5	29.0	25.5	27.0	24.5	22.5	23.0
20	26.5	24.0	25.0	28.5	26.5	27.0	29.0	26.0	27.0	24.5	22.5	23.0
21	26.5	24.5	25.5	28.0	26.5	27.0	28.5	26.0	26.5	25.0	22.5	23.5
22	27.0	24.5	26.0	28.0	26.0	26.5	27.0	25.5	26.0	24.5	22.5	23.5
23	27.0	25.0	26.0	28.0	25.5	26.5	26.5	25.0	25.5	25.0	23.0	24.0
24	27.5	25.5	26.5	28.5	25.0	26.0	27.0	25.0	25.5	25.5	24.0	24.5
25	27.0	25.5	26.0	28.0	25.0	26.0	27.0	24.5	25.5	26.0	24.5	25.0
26	27.5	25.5	26.5	27.5	24.5	25.5	26.5	24.0	25.0	24.5	23.0	24.0
27	26.5	25.5	26.0	28.0	24.5	26.0	26.0	24.0	24.5	23.5	22.0	23.0
28	27.5	25.0	26.0	28.0	25.0	26.5	25.5	24.5	24.5	24.5	22.0	22.5
29	27.5	25.0	26.0	28.5	25.5	26.5	26.5	24.5	25.0	23.5	22.0	22.5
30	26.5	25.5	26.0	28.5	25.5	26.5	27.0	24.5	25.5	23.5	22.0	22.5
31	---	---	---	28.5	25.0	26.5	25.5	24.0	24.5	---	---	---
MONTH	27.5	21.0	24.5	29.0	23.0	25.5	29.5	24.0	26.0	27.0	21.5	23.5
YEAR	47.0	6.0	31.5									

021973455 INDIAN GRAVE BRANCH AT SAVANNAH RIVER PLANT, 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 Plant.

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, Nov. 17, Jan. 22, 25, Feb. 19, Mar. 10, Apr. 12, 19, 23, June 8-10, 27, Sept. 9, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, 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, undetermined, Jan. 22, gage height, 4.49 ft; minimum daily, 0.16 ft^3/s, July 21, 22, 27.

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	.92	1.2	.86	.79	.90	.51	.46	.33	.18	.49	.21	.26
2	.76	1.3	.81	2.0	.69	.47	.46	.30	.17	.30	.23	.37
3	.78	1.4	.85	1.9	.78	.51	.44	.29	.17	.28	.24	.32
4	.78	1.5	.84	1.3	.95	1.2	.42	.36	.18	.28	.21	.37
5	.76	1.5	.81	.90	.82	.67	.39	.37	.17	.26	.21	.42
6	.78	1.4	.81	.73	.70	.58	1.2	.29	.17	.23	.20	.28
7	.79	1.3	.82	.84	.69	.53	.60	.26	.30	.22	.20	.25
8	.78	1.3	.82	.96	.71	.50	.44	.25	1.1	.23	.24	.41
9	.79	1.4	.79	.92	.72	.63	.40	.25	1.7	.23	.27	4.0
10	.80	1.8	.82	1.0	.67	2.2	.37	.31	1.6	.22	.21	.52
11	.77	1.6	.80	1.0	.66	.72	1.1	.78	.38	.22	.77	.35
12	.81	1.3	.76	.98	.70	.60	1.8	.28	.29	.23	.31	.29
13	.79	1.2	.77	1.0	.70	.55	.57	.28	.26	.22	.23	.27
14	.79	1.1	.78	.95	.61	.51	.43	.30	.24	.21	.23	.26
15	.80	1.1	.95	.90	.66	.51	.38	.25	.23	.20	.22	.26
16	.80	1.2	.83	.87	.69	.50	.34	.24	.23	.20	.21	.26
17	.80	2.9	.76	1.2	.59	.50	.31	.26	.22	.19	.20	.34
18	.82	2.2	.76	1.4	.64	.58	.66	.25	.22	.18	.20	.40
19	.85	1.2	.76	1.1	3.0	.67	4.5	.23	.21	.17	.19	.32
20	.92	1.1	.79	1.6	.99	.52	.92	.23	.20	.17	.19	.28
21	1.0	1.0	.84	1.0	.79	.48	.46	.21	.20	.16	.19	.27
22	1.1	1.0	1.1	3.4	.62	.48	.37	.20	.20	.16	.20	.26
23	1.1	1.0	.83	1.2	.65	.48	1.0	.21	.19	.24	.21	.25
24	1.2	.99	.75	.96	.51	.49	1.0	.30	.20	.22	.21	.26
25	1.3	.95	.81	1.8	.63	.52	.81	.48	.21	.18	.20	.78
26	1.4	.99	.79	1.6	.60	.59	.84	.34	.25	.17	.18	.63
27	1.8	1.0	.76	1.1	.60	.57	.47	.25	2.5	.16	.18	.36
28	1.3	.98	.94	1.1	.59	.48	.38	.22	.37	.19	.25	.28
29	1.1	.94	.89	1.0	.54	.47	.36	.20	.27	.41	.78	.27
30	1.1	.89	.76	.96	---	.44	.35	.19	.85	.32	.48	.27
31	1.1	---	.76	1.1	---	.46	---	.18	---	.22	.30	---
TOTAL	29.59	38.74	25.42	37.56	22.40	18.92	22.23	8.89	13.46	7.16	8.15	13.86
MEAN	.95	1.29	.82	1.21	.77	.61	.74	.29	.45	.23	.26	.46
MAX	1.8	2.9	1.1	3.4	3.0	2.2	4.5	.78	2.5	.49	.78	4.0
MIN	.76	.89	.75	.73	.51	.44	.31	.18	.17	.16	.18	.25

CAL YR 1987 TOTAL 334.97 MEAN .92 MAX 13 MIN .07
WTR YR 1988 TOTAL 246.38 MEAN .67 MAX 4.5 MIN .16

021973471 PEN BRANCH AT ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12'', long 81°38'51'', Barnwell County, Hydrologic Unit 03060106, at center, upstream side of culvert on SRP Rd B, 1.2 mi west of SRP Rd 7, 1.9 mi above Indian Grave Branch, at Savannah River Plant.

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

GAGE.--Water-stage recorder. Elevation of gage is 160 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, Jan, 20 to Feb. 3. Records above 100 ft^3/s are undefined. Records fair. Some regulation by Savannah River Plant 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, unknown, Apr. 20 , gage height, 4.01 ft, from maximum indicator; minimum daily, .55 ft^3/s, Aug. 27.

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	4.5	4.0	3.4	3.5	4.5	3.3	3.5	3.0	.89	5.8	.82	1.4
2	3.9	3.9	3.4	8.2	3.5	3.2	3.6	3.4	.80	3.2	2.3	1.6
3	3.8	3.9	3.3	8.7	3.8	3.1	3.5	3.2	.77	2.6	3.8	1.7
4	3.7	4.0	3.3	8.2	4.4	6.0	3.3	2.9	.93	2.4	1.6	1.6
5	3.6	4.0	3.2	4.9	4.9	4.9	3.3	3.6	.89	2.1	1.7	2.7
6	3.4	4.0	3.2	4.2	4.1	4.3	6.6	2.7	13	1.6	1.3	1.8
7	3.3	4.1	3.2	4.2	3.5	3.4	6.6	2.3	1.6	4.1	1.4	1.8
8	3.2	4.1	3.3	4.6	3.3	3.3	3.8	2.2	3.9	1.6	1.1	2.0
9	3.2	4.2	3.3	4.4	3.3	4.0	3.2	1.8	8.9	1.4	1.1	18
10	3.2	8.6	3.4	5.0	3.2	27	3.1	1.9	18	1.2	.95	5.6
11	3.0	4.7	3.4	5.2	3.1	7.3	4.1	5.4	3.3	1.2	2.4	2.8
12	3.0	4.2	3.3	4.9	3.6	5.2	9.5	3.0	2.1	1.7	2.3	1.7
13	2.9	4.0	3.2	5.0	3.5	4.7	6.3	2.2	1.7	.87	1.3	1.5
14	2.8	4.0	3.3	5.1	3.4	4.4	4.5	2.8	1.4	1.3	1.2	2.8
15	2.7	3.8	3.8	4.4	3.6	4.2	3.9	2.2	1.4	.98	1.3	1.5
16	2.6	3.8	4.2	4.2	3.9	4.1	3.6	1.9	1.8	1.0	1.0	1.5
17	2.5	12	3.6	4.5	3.5	4.0	3.2	1.9	1.8	1.0	.82	1.9
18	2.5	9.2	3.4	6.3	3.4	4.4	4.2	2.1	1.1	.79	.82	3.1
19	2.5	5.1	3.4	5.4	12	5.5	41	1.8	2.4	.73	3.0	2.2
20	2.3	4.2	3.4	8.0	7.2	4.6	25	1.7	1.1	.69	.72	1.5
21	2.3	3.9	3.7	5.0	5.8	3.9	5.2	1.5	.97	.61	.58	1.4
22	2.3	4.2	5.0	17	4.4	3.8	3.5	1.3	.97	.65	.59	1.2
23	2.9	3.7	4.1	6.0	4.2	3.7	11	1.4	.96	1.4	.81	1.3
24	3.7	3.3	3.5	4.8	3.8	3.8	15	1.7	.87	1.1	1.0	1.1
25	3.6	3.6	3.6	9.0	3.4	3.8	6.9	2.5	.98	.73	.76	2.1
26	2.9	4.0	3.5	8.0	3.4	4.6	9.6	2.2	1.2	.72	.58	4.2
27	3.9	5.4	3.5	5.5	3.4	4.4	5.9	1.4	32	.76	.55	2.5
28	4.0	8.4	4.0	5.5	3.3	3.7	3.9	1.3	4.8	.97	1.3	1.8
29	4.0	5.3	4.8	5.0	3.2	3.6	3.0	1.3	2.2	1.6	4.4	3.3
30	4.0	3.8	3.8	4.8	---	3.6	2.9	1.3	3.6	1.5	2.9	1.7
31	4.0	---	3.5	5.5	---	3.5	---	1.2	---	.84	2.1	---
TOTAL	100.2	145.4	111.0	185.0	120.6	153.3	212.7	69.1	116.33	47.14	46.50	79.3
MEAN	3.23	4.85	3.58	5.97	4.16	4.95	7.09	2.23	3.88	1.52	1.50	2.64
MAX	4.5	12	5.0	17	12	27	41	5.4	32	5.8	4.4	18
MIN	2.3	3.3	3.2	3.5	3.1	3.1	2.9	1.2	.77	.61	.55	1.1

CAL YR 1987 TOTAL 3810.4 MEAN 10.4 MAX 226 MIN 2.0
WTR YR 1988 TOTAL 1386.57 MEAN 3.79 MAX 41 MIN .55

02197348 PEN BRANCH AT ROAD A-13.2 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'34'', long 81°41'08'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRP Road A-13.2, 700 ft downstream from Seaboard Coastline Railroad bridge, 600 ft west of intersection of SRP Roads A-17 and A-17.1, at Savannah River Plant.

DRAINAGE AREA.--21.2 mi^2.

PERIOD OF RECORD.--November 1976 to January 1983, May 1983 to current year.

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

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--7 years, 325 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, 457 ft^3/s, Mar. 10, gage height, 2.83 ft; minimum daily, 20 ft^3/s, June 24.

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	383	393	388	371	215	373	383	87	34	41	29	54
2	367	391	387	388	198	378	384	70	34	68	28	59
3	349	389	393	386	346	381	383	36	31	74	32	58
4	348	391	393	379	348	392	382	52	33	74	31	55
5	350	392	394	369	342	387	382	68	33	73	28	60
6	358	387	394	301	342	383	386	67	33	72	26	55
7	357	393	392	149	344	383	386	66	42	72	25	51
8	356	387	393	197	348	384	380	66	40	74	25	53
9	354	390	393	354	347	386	378	56	49	72	27	86
10	352	403	395	359	347	424	368	58	74	76	29	68
11	355	407	391	351	346	390	168	55	44	68	33	57
12	355	399	388	335	348	385	164	50	36	64	34	54
13	355	402	388	360	347	383	160	45	34	62	30	53
14	357	399	388	360	350	380	193	45	33	61	29	54
15	358	398	390	364	354	382	186	43	32	49	27	52
16	358	394	389	368	355	383	186	42	34	41	25	53
17	359	409	388	378	355	382	184	45	35	41	23	53
18	353	407	382	370	356	385	185	46	32	40	24	56
19	352	400	385	364	381	385	189	44	31	39	25	52
20	356	400	381	364	369	382	155	41	31	44	27	51
21	361	395	381	358	359	382	141	38	32	61	28	50
22	353	384	384	358	358	378	137	36	31	42	35	48
23	138	395	376	356	362	379	147	37	33	34	40	48
24	320	391	372	357	363	379	158	40	20	35	43	48
25	381	392	376	356	361	380	148	39	26	31	45	54
26	381	396	377	360	360	384	152	38	28	28	46	65
27	379	395	374	357	362	385	144	36	69	28	45	54
28	376	400	373	357	367	383	138	35	44	29	46	47
29	384	398	377	360	373	384	134	33	26	31	52	79
30	382	391	375	355	---	383	129	35	35	34	58	72
31	390	---	375	355	---	381	---	36	---	32	53	---
TOTAL	10977	11868	11932	10796	10003	11906	7010	1485	1089	1590	1048	1699
MEAN	354	396	385	348	345	384	234	47.9	36.3	51.3	33.8	56.6
MAX	390	409	395	388	381	424	386	87	74	76	58	86
MIN	138	384	372	149	198	373	129	33	20	28	23	47

CAL YR 1987 TOTAL 120152 MEAN 329 MAX 424 MIN 72
WTR YR 1988 TOTAL 81403 MEAN 222 MAX 424 MIN 20

02197351 P-013 AT SAVANNAH RIVER PLANT, 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 SRP Road F and 0.5 mi west of P-Area, at Savannah River Plant.

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: Sept. 12-18, 23-26. Flow completely regulated by Savannah River Plant 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, Sept. 25, gage height, 2.24 ft; minimum daily, 0.08 ft^3/s, June 2, 3, 5-7.

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	.51	2.1	1.0	1.0	.92	1.8	1.1	.17	.11	.25	.19	.22
2	.50	2.0	1.1	1.2	.96	1.9	.27	.19	.08	.24	.40	.19
3	.49	2.2	1.0	1.3	1.3	1.8	.21	.18	.08	.24	.29	.21
4	.49	2.4	1.1	1.1	1.5	1.9	.21	.18	.09	.24	.69	.32
5	.49	1.9	1.1	1.0	1.6	1.7	.22	.19	.08	.24	.31	.26
6	.49	1.2	1.1	1.0	1.6	1.7	.55	.17	.08	.24	.27	.24
7	.50	1.1	1.1	1.1	1.6	1.8	.30	.18	.11	.24	.25	.22
8	.52	1.1	1.1	1.0	1.6	1.7	.26	.17	.57	.23	.24	.23
9	.50	1.0	1.1	1.1	1.6	1.7	.24	.17	.71	.22	.24	.99
10	.50	1.0	1.1	1.1	1.7	2.8	.23	.18	.36	.21	.25	.24
11	.57	1.0	.96	1.0	1.7	1.4	.25	.28	.15	.19	.27	.22
12	.57	1.2	.96	1.0	1.8	1.4	.37	.17	.13	.19	.26	19
13	.57	1.2	.96	1.0	1.9	1.4	.25	.19	.12	.19	.26	132
14	.57	1.2	.97	1.0	1.9	1.3	.22	.18	.12	.17	.30	132
15	.61	1.2	1.0	1.0	1.9	1.3	.21	.17	.13	.17	.26	146
16	.64	1.2	.96	1.0	1.9	1.3	.19	.17	.13	.85	.26	87
17	.70	1.5	.96	1.1	1.9	1.3	.17	.16	.15	.27	.26	96
18	.67	1.0	.99	1.0	2.0	1.3	.24	.16	.14	.21	.52	93
19	.70	1.0	1.0	1.0	2.6	1.3	1.1	.15	.14	.17	.26	84
20	.75	1.0	1.0	1.2	2.1	1.3	.22	.15	.13	.19	.22	71
21	.80	1.3	1.0	1.0	2.0	1.2	.20	.15	.13	.17	.21	77
22	.88	1.6	1.1	1.1	1.9	1.2	.19	.14	.12	.20	.24	85
23	.95	1.6	1.0	1.1	1.8	1.3	.53	.14	.12	.23	.23	98
24	1.0	1.8	1.0	1.2	1.9	1.2	.24	.16	.12	.18	.24	88
25	1.3	1.7	1.0	1.1	1.9	1.4	.27	.17	.11	.19	.22	98
26	1.5	1.6	1.0	1.1	1.9	1.3	.21	.15	2.1	.19	.21	85
27	1.6	1.6	1.0	1.1	2.0	1.3	.18	.15	1.1	.21	.22	79
28	1.5	1.0	1.1	1.2	1.9	1.3	.17	.15	.24	.26	.33	68
29	1.8	1.0	.98	1.2	1.8	1.3	.17	.15	.18	.23	.44	5.0
30	2.0	1.0	.98	1.2	---	1.3	.17	.15	.27	.19	.30	.28
31	2.0	---	1.0	1.3	---	1.3	---	.15	---	.19	.24	---
TOTAL	26.67	41.7	31.72	33.8	51.18	46.2	9.14	5.22	8.10	7.19	8.88	1546.62
MEAN	.86	1.39	1.02	1.09	1.76	1.49	.30	.17	.27	.23	.29	51.6
MAX	2.0	2.4	1.1	1.3	2.6	2.8	1.1	.28	2.1	.85	.69	146
MIN	.49	1.0	.96	1.0	.92	1.2	.17	.14	.08	.17	.19	.19

CAL YR 1987 TOTAL 2039.46 MEAN 5.59 MAX 94 MIN .26
WTR YR 1988 TOTAL 1816.42 MEAN 4.96 MAX 146 MIN .08

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, 4.5°C, Jan. 28, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 31.0°C, May 24; minimum, 6.5°C, Jan. 7.

TEMPERATURE (°C) OF WATER, 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	27.0	24.0	25.5	22.0	19.0	20.5	16.5	15.0	16.0	17.5	15.5	16.5
2	27.0	23.0	24.5	22.0	20.0	20.5	17.0	14.0	15.0	17.0	14.0	15.0
3	25.5	23.0	24.0	22.5	20.0	21.0	16.5	13.5	15.0	14.5	11.5	13.0
4	24.5	21.0	22.5	22.5	21.0	21.5	16.0	14.0	15.5	15.5	13.0	14.0
5	25.0	21.0	22.5	23.0	21.0	22.0	15.5	12.5	14.0	14.0	12.0	13.0
6	25.0	21.5	23.0	21.0	19.0	20.0	15.5	13.0	14.0	13.0	11.5	12.0
7	24.5	21.5	23.0	20.5	18.0	19.0	16.0	13.5	14.5	11.5	6.5	10.0
8	23.5	20.5	21.5	21.5	19.0	20.0	17.0	15.0	16.0	11.0	9.5	10.0
9	24.0	20.0	21.5	21.5	19.5	20.5	18.5	16.0	17.0	11.0	9.5	10.5
10	24.0	21.0	22.5	23.0	21.0	22.0	19.0	17.5	18.0	11.5	9.5	10.0
11	25.0	22.0	23.0	21.0	17.5	19.5	18.0	15.5	16.5	12.0	9.5	10.5
12	23.0	22.0	22.5	19.0	16.5	17.5	18.0	15.5	16.5	12.5	9.0	10.5
13	22.5	20.5	21.5	19.0	16.0	17.5	17.0	15.0	16.0	13.0	10.5	11.5
14	22.0	19.5	20.5	19.0	16.5	17.5	18.5	15.5	17.0	11.5	9.0	10.0
15	22.0	19.0	20.0	19.5	17.0	18.0	19.5	16.0	18.0	11.5	9.0	10.0
16	22.0	18.5	20.0	20.5	18.5	19.5	16.0	14.0	15.0	12.5	8.5	10.0
17	22.5	19.0	20.5	20.5	19.5	20.0	15.0	13.0	14.0	12.5	10.0	11.5
18	22.5	19.0	20.5	21.5	18.5	20.0	15.0	12.5	13.5	14.0	12.5	13.5
19	23.0	20.0	21.5	19.0	17.5	18.5	16.0	13.0	14.5	15.5	14.0	14.5
20	24.0	21.0	22.0	18.5	16.0	17.5	18.0	15.5	16.5	16.5	15.5	16.0
21	22.5	19.5	21.5	17.5	14.5	16.0	17.5	17.0	17.0	15.5	13.0	14.5
22	21.0	18.0	19.0	17.5	14.0	15.5	18.0	15.5	17.0	14.0	11.5	12.5
23	21.5	17.5	19.0	19.0	15.0	16.5	17.0	14.5	15.5	13.5	10.5	11.5
24	22.0	19.0	20.5	19.5	16.5	18.0	17.5	15.0	16.5	13.0	10.5	11.5
25	22.5	20.0	21.0	20.5	17.5	19.0	19.0	17.5	18.0	13.0	11.5	12.5
26	22.0	20.0	20.5	20.5	19.5	20.0	19.5	17.5	18.5	12.5	10.0	11.0
27	21.5	20.0	20.5	21.0	20.0	20.5	18.0	17.5	18.0	12.0	8.5	10.0
28	21.5	18.5	20.0	20.0	19.0	19.5	19.0	17.5	18.0	12.5	8.5	10.0
29	20.5	17.5	19.0	20.0	18.0	19.0	17.0	14.5	15.5	13.5	9.0	10.5
30	21.0	18.0	19.5	18.5	16.5	17.5	15.5	13.0	14.0	14.0	10.0	12.0
31	21.5	18.5	19.5	---	---	---	16.5	13.5	15.0	14.5	12.0	13.0
MONTH	27.0	17.5	21.5	23.0	14.0	19.0	19.5	12.5	16.0	17.5	6.5	12.0

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	16.5	12.5	14.5	17.5	13.0	15.0	22.5	18.5	20.5	25.0	15.0	18.5
2	17.0	14.5	15.5	18.5	13.0	15.5	23.5	16.5	20.0	25.5	13.5	18.5
3	17.0	14.5	15.5	18.5	15.5	17.0	22.5	17.5	19.5	25.0	15.0	19.5
4	17.0	13.0	15.0	19.5	17.5	18.0	25.5	18.5	21.0	23.5	16.0	19.0
5	13.0	12.0	12.5	17.5	15.5	16.5	25.5	16.0	20.0	24.5	16.5	19.5
6	14.0	9.5	11.5	18.5	15.0	16.5	21.5	15.5	18.0	25.5	14.0	18.5
7	13.5	9.0	11.0	20.0	14.5	16.5	21.5	13.0	16.0	26.5	15.0	20.0
8	12.0	10.5	11.5	20.0	15.0	17.0	25.0	12.5	17.5	27.5	16.0	20.5
9	14.0	10.0	11.5	19.0	17.5	18.0	25.5	12.5	17.5	26.5	17.5	21.5
10	14.5	10.0	12.0	18.5	15.5	17.0	25.5	13.5	18.5	26.5	19.0	21.5
11	14.0	11.5	12.5	20.0	14.0	16.5	21.0	15.5	18.0	28.0	17.5	21.5
12	14.0	9.5	12.0	21.0	15.0	17.5	17.5	13.5	15.0	25.5	17.0	21.0
13	13.5	9.5	11.0	21.5	16.5	18.5	23.5	13.0	16.5	21.5	18.0	20.0
14	14.5	9.5	12.0	19.5	14.0	16.0	25.0	13.0	18.0	25.5	18.5	21.5
15	14.0	11.0	13.0	18.0	13.0	15.0	25.0	14.0	19.0	27.0	18.5	22.0
16	15.0	10.5	12.0	18.0	12.5	14.5	24.5	15.0	18.5	30.0	19.0	23.0
17	14.0	10.5	12.5	18.5	12.5	15.0	25.0	12.0	17.5	24.5	19.0	21.5
18	14.5	11.5	13.0	16.5	14.0	15.5	23.0	15.5	18.5	28.0	17.0	21.5
19	14.5	12.0	13.5	17.0	14.0	15.5	23.5	16.0	19.5	28.5	17.0	22.0
20	14.5	12.5	13.5	20.0	13.5	16.0	25.5	13.5	18.0	29.0	17.5	22.5
21	16.0	10.5	13.0	21.0	14.5	17.0	26.5	14.5	19.5	29.0	17.5	22.5
22	16.0	10.5	13.0	20.5	15.5	17.5	28.5	16.5	21.0	29.5	20.5	24.0
23	16.0	11.5	14.0	22.0	16.0	18.5	23.0	17.5	20.0	30.5	20.0	24.5
24	16.5	11.0	13.5	21.5	17.5	19.0	27.5	18.0	21.5	31.0	20.0	23.5
25	15.5	10.5	12.5	22.5	18.0	20.0	23.5	16.0	18.5	27.5	20.0	22.5
26	15.5	10.5	12.5	21.5	19.0	20.0	21.5	17.0	18.5	26.5	16.5	20.5
27	16.5	11.0	14.0	22.5	17.0	19.0	26.0	16.0	20.0	25.5	14.5	19.5
28	16.5	12.0	13.5	22.5	16.0	18.5	24.5	14.0	18.0	27.5	15.5	20.5
29	17.5	12.0	14.5	23.5	17.0	20.0	24.5	12.5	17.5	29.0	17.5	22.5
30	---	---	---	23.5	18.5	20.5	20.5	13.0	16.5	30.0	18.5	23.0
31	---	---	---	23.5	18.5	20.5	---	---	---	28.5	18.0	23.0
MONTH	17.5	9.0	13.0	23.5	12.5	17.5	28.5	12.0	18.5	31.0	13.5	21.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	19.0	23.5	---	---	---	28.0	23.0	25.0	24.0	22.0	23.0
2	29.0	20.0	24.0	---	---	---	28.0	22.5	24.5	23.0	22.0	22.5
3	28.5	19.5	23.0	---	---	---	27.5	23.0	25.0	24.5	22.0	23.0
4	27.0	18.0	21.5	---	---	---	26.5	23.0	24.5	24.5	23.0	23.5
5	---	---	---	---	---	---	27.5	23.0	25.0	24.0	21.5	23.0
6	---	---	---	27.5	20.0	23.0	27.0	23.5	25.0	24.0	21.5	22.0
7	---	---	---	28.0	18.5	22.5	27.5	24.0	25.0	23.0	20.5	21.5
8	---	---	---	28.0	20.0	23.5	28.5	23.0	25.5	20.5	19.5	19.5
9	---	---	---	28.0	21.5	24.5	28.5	23.5	25.5	22.0	19.5	21.0
10	---	---	---	28.0	22.0	25.0	28.5	24.0	25.5	24.0	21.5	22.5
11	---	---	---	26.5	22.5	24.0	26.0	24.0	25.0	24.5	22.5	23.5
12	---	---	---	27.5	23.0	24.5	28.0	23.0	25.0	24.5	23.0	23.5
13	---	---	---	29.0	22.5	25.0	27.0	23.5	25.0	25.0	24.5	24.5
14	---	---	---	---	---	---	26.0	24.0	25.0	25.0	24.5	25.0
15	---	---	---	---	---	---	26.5	23.0	24.5	25.0	24.5	25.0
16	---	---	---	---	---	---	27.0	24.0	25.0	25.5	24.5	25.0
17	---	---	---	---	---	---	27.5	23.5	25.0	26.0	25.5	26.0
18	---	---	---	---	---	---	28.5	23.5	25.5	26.0	24.5	25.0
19	---	---	---	---	---	---	28.0	24.0	25.5	25.0	24.5	25.0
20	---	---	---	---	---	---	27.5	24.5	26.0	25.5	24.5	25.0
21	---	---	---	30.5	23.5	26.0	27.0	24.5	25.5	25.5	24.5	25.0
22	---	---	---	26.0	23.0	24.5	26.0	24.0	25.0	25.0	24.0	24.5
23	---	---	---	26.5	23.0	24.5	25.0	23.5	24.5	25.5	24.0	25.0
24	---	---	---	29.0	22.5	25.0	26.0	23.5	24.5	25.5	24.5	25.0
25	---	---	---	28.5	22.5	25.0	26.5	23.0	24.5	26.0	25.0	25.5
26	---	---	---	28.5	22.0	25.0	26.0	21.5	23.5	25.5	25.0	25.5
27	---	---	---	29.0	23.0	25.0	25.5	21.5	23.5	25.5	24.5	25.0
28	---	---	---	29.0	23.0	25.0	24.0	23.0	23.5	25.0	24.0	24.5
29	---	---	---	29.0	23.0	25.5	25.5	23.0	24.0	24.5	21.5	24.0
30	---	---	---	28.0	23.0	25.0	25.5	23.0	24.0	26.0	20.0	23.0
31	---	---	---	28.5	22.5	25.5	23.5	22.5	23.5	---	---	---
MONTH	29.5	18.0	23.0	30.5	18.5	24.5	28.5	21.5	25.0	26.0	19.5	24.0
YEAR	31.0	6.5	19.0									

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'58'', long 81°36'13'', Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRP Road C, and 0.8 mi upstream of SRP Road B, at Savannah River Plant.

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.--No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 22, 1986, gage height, 3.87 ft; minimum daily, 0.89 ft^3/s, July 20, 25, 26, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 180 ft^3/s, Sept. 13, gage height, 3.20, minimum daily, .89 ft^3/s, July 20, 25, 26.

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	2.7	2.7	2.3	2.3	2.1	2.0	1.9	1.3	1.1	1.1	.95	1.1
2	2.7	2.7	2.3	2.7	2.0	2.0	1.4	1.3	1.1	1.0	1.3	1.1
3	2.7	2.8	2.3	2.8	2.2	2.0	1.3	1.3	1.2	1.0	1.0	1.1
4	2.7	2.8	2.3	2.5	2.3	2.2	1.3	1.3	1.2	1.0	1.3	1.3
5	2.7	2.8	2.3	2.3	2.3	2.0	1.3	1.3	1.1	1.0	1.0	1.2
6	2.6	2.8	2.3	2.3	2.3	2.0	1.8	1.3	1.1	1.0	.99	1.2
7	2.6	2.8	2.3	2.4	2.3	2.0	1.3	1.2	1.1	1.0	1.0	1.1
8	2.6	2.8	2.3	2.3	2.3	2.0	1.3	1.2	1.6	1.0	.96	1.2
9	2.6	2.9	2.3	2.3	2.3	2.2	1.3	1.2	1.7	1.0	.95	2.4
10	2.5	2.9	2.3	2.4	2.3	3.7	1.3	1.2	1.9	.98	.95	1.2
11	2.6	2.8	2.3	2.3	2.3	2.2	1.3	1.3	1.1	.96	.99	1.2
12	2.6	2.8	2.3	2.3	2.3	2.2	1.4	1.2	1.1	.96	.97	67
13	2.5	2.8	2.3	2.3	2.3	2.1	1.3	1.2	1.0	.94	.96	157
14	2.6	2.8	2.4	2.3	2.3	2.1	1.3	1.2	1.0	.94	.99	159
15	2.6	2.8	2.5	2.3	2.3	2.2	1.3	1.2	1.0	.94	.97	164
16	2.6	2.9	2.3	2.3	2.3	2.2	1.3	1.2	1.1	2.0	.96	108
17	2.5	3.4	2.3	2.4	2.3	2.1	1.3	1.2	1.1	1.0	.96	110
18	2.4	2.4	2.3	2.4	2.3	2.2	1.3	1.2	1.1	.94	1.1	110
19	2.4	2.4	2.4	2.4	2.8	2.2	3.3	1.2	1.1	.90	.96	98
20	2.4	2.5	2.4	2.5	2.3	2.1	1.3	1.2	1.1	.89	.93	86
21	2.4	2.5	2.4	2.3	2.1	2.0	1.3	1.2	1.1	.90	.99	85
22	2.4	2.4	2.4	2.3	2.0	2.0	1.3	1.2	1.0	.90	1.1	96
23	2.5	2.4	2.3	2.3	2.0	2.0	2.0	1.1	1.0	.94	1.1	111
24	2.5	2.4	2.3	2.2	2.0	2.0	1.5	1.2	1.0	.93	1.1	94
25	2.5	2.4	2.3	2.2	2.0	2.1	1.4	1.2	1.0	.89	1.1	120
26	2.6	2.4	2.3	2.1	2.0	2.1	1.4	1.1	4.3	.89	1.0	92
27	2.8	2.8	2.3	2.1	2.0	2.1	1.3	1.1	3.3	.90	1.0	86
28	2.7	2.3	2.4	2.1	2.0	2.1	1.3	1.1	1.1	.94	1.2	78
29	2.7	2.3	2.3	2.2	2.0	2.1	1.3	1.1	1.1	.92	1.2	23
30	2.6	2.3	2.3	2.2	---	2.0	1.3	1.1	1.1	.97	1.2	4.7
31	2.7	---	2.3	2.2	---	2.0	---	1.1	---	.98	1.2	---
TOTAL	80.0	79.8	72.1	72.0	64.0	66.2	43.4	37.2	39.8	30.71	32.38	1862.8
MEAN	2.58	2.66	2.33	2.32	2.21	2.14	1.45	1.20	1.33	.99	1.04	62.1
MAX	2.8	3.4	2.5	2.8	2.8	3.7	3.3	1.3	4.3	2.0	1.3	164
MIN	2.4	2.3	2.3	2.1	2.0	2.0	1.3	1.1	1.0	.89	.93	1.1

CAL YR 1987 TOTAL 2637.8 MEAN 7.23 MAX 98 MIN 1.9
WTR YR 1988 TOTAL 2480.39 MEAN 6.78 MAX 164 MIN .89

021973525 L-007 OUTFALL AT SAVANNAH RIVER PLANT, 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 SRP Road B and C, at Savannah River Plant.

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 Plant).

REMARKS.--No estimated daily discharges. Records good. Flow completely regulated by Savannah River Plant 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 533 ft^3/s, Jan. 8, gage height, 20.70 ft; minimum daily, 20 ft^3/s, Sept. 20.

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	89	89	359	370	192	359	360	359	362	175	110	63
2	95	92	359	368	268	354	361	361	361	145	114	59
3	70	108	361	369	359	359	360	360	362	146	111	64
4	70	110	362	367	362	362	360	359	361	135	108	67
5	87	95	360	364	362	361	360	361	361	132	107	61
6	79	101	363	372	367	361	360	362	362	143	101	58
7	77	122	364	387	365	360	359	362	361	136	102	60
8	90	339	358	377	363	361	362	362	362	134	100	60
9	89	340	360	332	362	361	359	361	362	130	106	60
10	128	217	358	333	362	362	357	361	361	105	118	61
11	229	204	366	336	364	361	361	365	361	125	119	59
12	213	335	367	337	363	361	361	361	360	144	109	66
13	84	335	365	180	364	361	360	361	360	154	52	63
14	77	333	363	168	365	360	366	361	360	150	47	60
15	84	337	362	167	364	363	360	361	361	152	76	72
16	83	341	362	167	364	366	360	360	360	137	90	51
17	82	343	364	167	366	365	360	359	362	137	95	32
18	83	355	362	167	363	361	360	360	360	146	110	30
19	82	357	363	185	362	362	362	363	360	148	114	23
20	87	357	365	321	361	354	362	363	361	143	116	20
21	106	358	364	322	360	196	362	363	361	142	118	33
22	106	361	364	323	361	195	361	360	378	137	115	36
23	96	357	365	326	360	191	362	361	385	140	129	35
24	85	358	368	331	359	190	359	361	308	141	105	36
25	115	355	367	338	361	176	357	363	99	118	85	34
26	109	356	369	340	361	312	361	362	111	132	71	31
27	106	357	367	341	361	342	360	362	109	142	67	30
28	92	358	368	330	362	358	362	363	133	141	66	29
29	74	358	364	331	361	359	358	365	142	121	66	30
30	80	358	364	332	---	360	364	363	132	122	67	53
31	90	---	368	333	---	362	---	362	---	118	67	---
TOTAL	3037	8486	11271	9481	10244	10255	10816	11207	9378	4271	2961	1436
MEAN	98.0	283	364	306	353	331	361	362	313	138	95.5	47.9
MAX	229	361	369	387	367	366	366	365	385	175	129	72
MIN	70	89	358	167	192	176	357	359	99	105	47	20

CAL YR 1987 TOTAL 93803 MEAN 257 MAX 373 MIN 41
WTR YR 1988 TOTAL 92843 MEAN 254 MAX 387 MIN 20

021973527 L-007 OUTFALL AT SAVANNAH RIVER PLANT, 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, 44.0°C, May 24; minimum, 5.0°C, Jan. 21.

TEMPERATURE (°C) OF WATER, 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	21.5	20.5	21.0	17.5	17.0	17.5	40.0	38.5	39.5	37.5	29.5	35.5
2	20.5	20.0	20.5	19.0	17.5	18.0	38.5	38.0	38.5	38.5	29.0	37.0
3	20.5	19.5	20.0	18.5	17.0	18.0	38.5	36.5	37.5	37.5	29.5	37.0
4	19.5	19.0	19.0	19.0	18.5	18.5	38.5	19.0	35.0	38.0	21.5	36.0
5	19.0	18.5	18.5	19.0	18.0	18.5	38.0	36.5	37.5	37.0	29.5	36.0
6	20.0	18.5	19.0	19.0	17.5	18.0	38.0	37.0	37.5	36.5	19.5	31.5
7	19.5	19.0	19.0	17.5	16.5	17.0	38.0	33.0	37.0	34.0	13.5	31.0
8	19.5	18.5	19.0	17.0	16.5	17.0	38.5	14.0	36.0	33.0	27.0	30.0
9	19.0	18.5	18.5	17.0	15.5	16.5	40.0	17.5	39.0	33.0	23.5	31.5
10	19.0	18.5	18.5	18.5	13.0	16.5	41.0	39.5	40.0	32.5	18.5	30.5
11	19.5	19.0	19.0	17.5	16.5	17.0	40.5	39.0	40.5	34.0	16.0	31.0
12	19.5	18.5	19.0	16.5	16.0	16.5	40.5	34.0	40.0	33.5	5.5	27.5
13	18.5	18.0	18.5	16.5	15.5	16.0	40.5	25.5	39.0	8.0	5.5	8.0
14	18.0	18.0	18.0	16.0	15.0	15.5	40.0	34.0	38.0	8.0	6.5	8.0
15	18.0	17.5	17.5	16.0	15.5	15.5	41.0	28.0	40.5	8.0	7.0	7.5
16	17.5	17.0	17.5	16.5	16.0	16.5	40.5	24.0	39.0	8.0	7.5	8.0
17	17.5	17.0	17.5	33.5	16.5	22.0	39.0	28.5	38.0	8.0	7.5	8.0
18	18.0	17.5	17.5	39.5	32.5	37.0	38.5	32.5	37.0	9.0	5.5	8.5
19	18.5	17.5	18.0	39.0	36.0	38.0	37.5	30.5	37.0	9.5	5.5	9.0
20	19.0	18.0	18.5	37.0	36.0	36.5	38.5	30.5	37.0	11.0	9.0	10.0
21	19.0	18.5	19.0	36.0	34.5	35.0	40.0	37.0	39.0	12.5	5.0	10.0
22	18.5	17.0	17.5	35.0	32.5	34.5	40.0	27.0	38.5	27.0	6.5	17.0
23	17.5	16.5	17.0	38.0	34.0	36.0	40.5	32.5	39.0	34.5	19.5	32.5
24	17.5	17.0	17.0	38.5	36.0	37.5	39.5	31.0	38.5	34.0	31.0	33.5
25	17.5	17.0	17.5	38.5	15.0	24.0	39.0	32.5	37.5	34.5	28.5	33.0
26	17.5	17.0	17.5	37.5	15.5	24.5	40.5	36.0	38.5	34.0	31.0	33.0
27	18.0	17.5	17.5	41.5	37.5	40.0	41.0	21.0	39.5	34.0	30.0	32.5
28	18.0	17.5	17.5	41.5	40.0	41.0	41.0	24.0	39.0	34.0	15.5	32.0
29	17.5	17.5	17.5	41.5	37.5	41.0	40.5	14.5	37.5	33.0	13.5	31.5
30	17.5	17.0	17.0	41.0	40.0	40.5	40.0	20.5	37.0	34.5	21.5	33.0
31	17.5	17.0	17.0	---	---	---	37.0	25.5	34.5	35.5	12.0	34.5
MONTH	21.5	16.5	18.5	41.5	13.0	25.5	41.0	14.0	38.0	38.5	5.0	25.5

021973527 L-007 OUTFALL AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	36.5	6.0	19.0	36.0	34.0	35.0	37.5	36.5	37.5	36.5	31.0	32.5
2	17.0	11.0	13.5	36.5	32.5	35.5	37.5	36.5	37.5	40.5	36.0	39.0
3	30.5	16.5	27.5	36.5	33.5	35.0	39.5	33.5	37.5	40.5	19.0	30.0
4	40.5	29.5	37.0	37.5	33.0	36.0	40.5	36.0	39.0	33.0	19.0	26.0
5	40.5	38.0	39.0	37.5	37.0	37.0	41.0	39.0	40.0	36.5	31.5	33.0
6	38.5	36.5	37.5	37.5	36.5	37.0	40.5	38.0	39.5	41.0	36.5	40.0
7	37.0	36.0	36.5	37.5	36.5	37.0	40.0	36.5	39.0	41.0	39.0	40.0
8	36.5	33.0	36.0	38.0	36.5	37.5	39.5	17.0	35.5	41.0	40.0	40.5
9	36.5	33.5	35.0	38.0	37.5	38.0	17.0	16.5	17.0	41.5	37.0	40.0
10	36.5	33.0	35.5	38.0	37.5	38.0	17.5	16.5	17.0	43.0	38.5	42.0
11	35.5	30.5	34.0	38.0	36.5	37.0	38.5	17.0	29.5	43.5	41.5	42.5
12	33.5	30.0	34.0	37.5	36.5	37.0	39.5	37.5	39.0	43.5	42.0	43.0
13	33.0	31.0	33.0	39.0	37.5	38.0	39.5	38.5	39.0	43.5	38.0	42.0
14	33.5	32.5	32.5	39.0	37.5	38.0	39.5	37.0	38.5	42.5	41.0	42.0
15	33.5	32.5	33.0	37.5	36.0	36.5	39.5	36.0	39.0	43.5	42.0	42.5
16	33.5	32.0	33.0	36.0	34.5	35.0	41.5	38.5	40.5	43.0	22.5	36.5
17	33.5	30.0	33.0	35.5	33.5	34.5	42.0	40.5	41.0	30.0	21.5	25.5
18	33.0	32.5	33.5	35.5	34.0	34.5	42.0	41.0	41.5	36.5	28.5	34.0
19	35.0	29.5	33.5	35.0	34.5	35.0	43.0	40.5	42.0	42.0	35.0	37.0
20	35.0	34.0	34.5	35.0	12.5	26.0	42.5	40.0	42.0	42.0	39.0	40.5
21	35.0	34.0	34.5	14.0	12.5	13.0	43.0	40.0	42.0	43.0	36.0	40.5
22	34.5	33.5	34.0	14.5	14.0	14.0	43.5	39.0	42.0	42.5	41.0	42.0
23	35.0	34.0	34.5	15.0	14.5	14.5	42.5	41.5	42.0	43.5	42.0	42.5
24	35.5	32.5	34.5	15.5	15.0	15.0	42.5	20.5	32.5	44.0	39.0	42.5
25	35.5	34.0	35.0	16.0	15.5	15.5	34.0	20.5	27.0	43.0	39.5	42.5
26	35.0	34.0	34.5	16.5	15.5	16.0	41.5	33.0	37.5	42.5	41.5	42.0
27	35.0	34.0	34.5	17.0	16.0	16.5	41.5	40.5	41.0	42.0	40.5	41.0
28	35.5	34.0	34.5	34.0	16.0	20.5	41.5	40.0	41.0	41.5	39.5	40.5
29	35.0	31.0	33.5	34.5	32.0	33.5	40.5	18.5	20.0	41.5	40.0	41.0
30	---	---	---	37.0	34.0	35.5	32.0	19.0	26.5	42.0	40.5	41.5
31	---	---	---	37.0	34.5	36.5	---	---	---	42.5	41.0	41.5
MONTH	40.5	6.0	33.0	39.0	12.5	30.5	43.5	16.5	36.0	44.0	19.0	39.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	43.0	41.5	42.5	24.5	24.0	24.5	30.0	26.0	28.5	24.5	24.0	24.0
2	43.5	41.0	42.5	24.5	23.0	24.0	27.0	25.5	26.5	24.0	24.0	24.0
3	43.5	40.5	42.5	25.0	23.5	24.0	27.5	26.5	27.0	24.0	23.5	24.0
4	42.5	39.0	42.0	26.0	23.0	26.0	27.0	26.5	27.0	24.5	24.0	24.0
5	42.0	38.0	41.0	23.5	23.0	23.0	26.5	26.0	26.5	24.0	23.5	23.5
6	42.5	38.0	41.0	24.5	23.5	23.5	26.5	26.0	26.5	25.5	24.5	25.0
7	43.0	39.0	42.0	24.0	23.0	23.5	26.5	25.5	26.0	24.5	23.5	24.0
8	43.5	40.5	42.5	25.5	24.0	24.5	26.0	25.5	25.5	23.5	22.0	23.0
9	43.0	38.5	42.0	26.0	24.5	25.0	26.5	25.5	26.0	24.0	22.5	23.5
10	42.5	41.5	42.0	26.5	25.5	26.0	26.5	26.0	26.5	24.5	23.5	24.0
11	42.0	38.5	41.0	27.0	26.0	26.5	26.5	26.0	26.5	24.5	23.0	23.5
12	42.0	37.5	41.5	27.5	26.5	27.0	26.5	25.5	26.0	25.0	23.5	24.0
13	42.0	40.0	41.5	28.5	27.0	27.5	26.5	25.5	26.0	25.5	24.0	25.0
14	42.5	39.5	41.5	29.0	28.0	28.5	26.5	26.0	26.0	27.0	25.0	26.0
15	43.0	41.5	42.0	29.5	28.5	29.0	26.0	25.5	26.0	27.5	26.5	27.0
16	43.0	41.5	42.5	30.0	29.0	29.5	26.0	25.5	26.0	27.5	26.5	26.5
17	43.0	42.0	42.5	29.5	29.0	29.5	26.5	26.0	26.0	28.5	26.0	27.0
18	43.5	43.0	43.0	30.0	29.0	29.5	27.0	26.0	26.5	28.5	25.5	26.5
19	43.5	40.0	42.0	30.5	29.5	30.0	27.0	26.5	26.5	29.5	25.5	27.5
20	42.0	35.5	39.5	30.5	30.0	30.5	27.0	26.5	26.5	30.0	26.0	28.0
21	36.5	29.0	34.0	31.0	30.0	30.5	26.5	26.5	26.5	29.5	27.0	28.0
22	30.5	29.0	29.5	31.0	29.5	30.0	26.5	25.5	26.0	29.0	25.0	27.0
23	30.5	25.5	28.5	29.5	27.5	28.0	26.0	25.5	25.5	---	---	---
24	26.0	25.0	25.5	28.0	27.5	27.5	25.5	25.5	25.5	30.0	27.0	28.0
25	25.5	25.0	25.5	28.0	27.0	27.5	26.0	25.0	25.5	31.0	27.5	28.5
26	---	---	---	27.5	27.0	27.0	25.5	25.0	25.0	---	---	---
27	---	---	---	28.0	27.0	27.5	25.5	25.0	25.0	27.5	25.0	26.0
28	---	---	---	29.0	27.5	28.5	25.5	25.0	25.0	27.5	24.0	25.5
29	---	---	---	30.0	28.5	29.0	25.5	25.0	25.0	28.5	25.5	26.5
30	---	---	---	29.5	28.5	29.0	25.5	25.0	25.0	26.5	24.5	25.5
31	---	---	---	25.5	27.5	28.0	25.5	24.5	25.0	---	---	---
MONTH	43.5	25.0	39.0	31.0	23.0	27.0	30.0	24.5	26.0	31.0	22.0	25.5
YEAR	44.0	5.0	30.0									

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, 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 Plant, SC.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1987 to September 1988.

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, 6.21 ft, Jan. 17, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.37 ft, July 21; minimum 6.21 ft, Jan. 17.

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	---	6.73	7.12	6.58	6.83	6.82	6.74	6.92	6.92	6.47	6.77	6.76
2	---	6.76	7.12	6.65	6.47	6.74	6.71	6.87	6.90	6.49	6.68	6.75
3	---	6.81	7.12	6.67	6.38	6.70	6.68	6.81	6.89	6.49	6.61	6.75
4	---	6.86	7.12	6.70	6.40	6.71	6.65	6.76	6.87	6.48	6.54	6.76
5	---	6.92	7.12	6.72	6.41	6.71	6.63	6.72	6.86	6.45	6.49	6.79
6	---	6.94	7.12	6.72	6.43	6.68	6.59	6.66	6.84	6.43	6.45	6.79
7	---	6.95	7.13	6.76	6.44	6.65	6.57	6.59	6.82	6.42	6.43	6.77
8	---	7.21	7.15	6.84	6.48	6.61	6.52	6.53	6.85	6.45	6.40	6.66
9	---	7.28	7.16	6.86	6.52	6.59	6.50	6.51	6.89	6.52	6.36	6.84
10	---	---	7.17	6.88	6.54	6.67	6.48	6.52	6.95	6.54	6.34	6.86
11	---	---	7.18	6.90	6.56	6.66	6.50	6.60	6.95	6.57	6.37	6.85
12	---	---	7.18	6.90	6.61	6.64	6.76	6.62	6.95	6.67	6.41	6.84
13	---	6.68	7.18	6.79	6.64	6.63	6.91	6.63	6.95	6.75	6.39	6.90
14	---	6.68	7.14	6.46	6.65	6.62	6.91	6.66	6.93	6.85	6.35	6.99
15	---	6.62	7.11	6.34	6.70	6.58	6.94	6.70	6.92	6.94	6.33	7.05
16	---	6.57	7.06	6.29	6.78	6.56	6.95	6.77	6.92	7.02	6.33	7.09
17	---	6.61	7.01	6.23	6.83	6.56	6.95	6.84	6.92	7.09	6.34	7.02
18	---	6.69	6.97	6.30	6.87	6.57	6.97	6.91	6.92	7.14	6.36	6.99
19	---	6.72	6.93	6.45	6.95	6.60	7.13	6.95	6.91	7.22	6.40	6.87
20	---	6.75	6.89	6.76	7.00	6.61	7.15	7.00	6.90	7.29	6.43	6.74
21	---	6.76	6.86	6.86	7.05	6.47	7.12	7.01	6.88	7.36	6.49	6.63
22	---	6.77	6.84	6.85	7.07	6.43	7.09	7.00	6.87	7.36	6.57	6.60
23	---	6.81	6.83	6.83	7.05	6.48	7.09	6.98	6.86	7.36	6.62	6.60
24	---	6.85	6.81	6.83	7.01	6.52	7.14	6.97	6.82	7.35	6.69	6.59
25	---	6.87	6.77	6.82	6.95	6.58	7.14	6.99	6.50	7.30	6.71	6.59
26	---	6.91	6.74	6.82	6.93	6.75	7.15	6.98	6.38	7.29	6.71	6.67
27	6.62	6.99	6.73	6.82	6.90	6.84	7.12	6.96	6.48	7.13	6.71	6.64
28	6.68	7.04	6.70	6.82	6.87	6.84	7.05	6.96	6.44	7.09	6.71	6.60
29	6.68	7.07	6.66	6.88	6.84	6.81	6.98	6.95	6.42	7.04	6.73	6.52
30	6.68	7.13	6.62	6.92	---	6.79	6.95	6.95	6.42	6.96	6.75	6.36
31	6.69	---	6.58	6.92	---	6.77	---	6.93	---	6.89	6.76	---
MEAN	---	---	6.97	6.72	6.73	6.65	6.87	6.81	6.80	6.88	6.52	6.76
MAX	---	---	7.18	6.92	7.07	6.84	7.15	7.01	6.95	7.36	6.77	7.09
MIN	---	---	6.58	6.23	6.38	6.43	6.48	6.51	6.38	6.42	6.33	6.36

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1987 to September 1988.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: December 1987 to September 1988.

INSTRUMENTATION.--U.S.G.S. mini-monitor and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 33.0°C, June 24, Aug. 3, 1988; minimum, 15.5°C, Dec. 3-5, 1987, Mar. 3, 4, 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 33.0°C, June 24, Aug. 3; minimum, 15.5°C, Dec. 3-5, Mar. 3, 4.

TEMPERATURE (°C) OF WATER, 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							---	---	---			
2							---	---	---			
3							17.0	15.5	16.5			
4							16.0	15.5	16.0			
5							17.0	15.5	16.5			
6							17.0	16.0	16.5			
7							17.0	16.5	16.5			
8							17.0	17.0	17.0			
9							17.5	16.5	17.0			
10							17.5	16.5	17.0			
11							19.5	16.5	18.0			
12							17.5	17.0	17.0			
13							19.5	17.0	18.5			
14							19.0	17.5	18.5			
15							18.0	16.5	17.0			
16							17.0	16.5	17.0			
17							17.5	16.0	16.5			
18							17.5	16.5	17.0			
19							17.0	16.5	16.5			
20							16.5	16.5	16.5			
21							20.0	16.5	18.0			
22							19.0	17.0	18.5			
23							18.0	17.5	17.5			
24							20.0	17.5	19.0			
25							18.5	17.0	17.5			
26							18.5	18.0	18.5			
27							23.0	18.5	21.0			
28							22.5	20.5	21.5			
29							20.5	18.0	19.0			
30							18.0	17.0	17.5			
31							17.0	17.0	17.0			
MONTH							23.0	15.5	17.5			

02197353 L-LAKE ABOVE DAM AT SAVANNAH RIVER PLANT, SC--Continued

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	30.0	27.0	28.0	29.5	27.5	28.0	30.0	29.0	29.5	28.0	27.5	27.5
2	30.5	27.5	29.0	28.5	27.5	28.0	30.0	29.0	29.5	27.5	27.0	27.0
3	30.0	27.5	29.0	27.5	27.0	27.0	33.0	29.5	30.5	27.5	26.5	27.0
4	28.5	27.5	28.0	27.5	26.5	27.0	30.5	30.0	30.0	27.0	26.5	26.5
5	28.5	27.0	27.5	27.5	26.5	27.0	31.5	29.5	30.0	27.0	26.0	26.5
6	31.0	26.5	28.0	27.5	26.5	27.0	31.0	29.5	30.0	26.5	26.0	26.5
7	30.0	27.5	28.5	27.5	26.5	27.0	32.0	29.5	30.5	26.5	26.0	26.0
8	30.5	27.5	28.5	28.0	27.0	27.0	30.5	30.0	30.0	26.0	25.0	25.5
9	28.5	27.0	27.5	28.0	26.5	27.0	31.0	29.5	30.0	25.0	24.5	25.0
10	28.0	27.0	27.5	29.0	27.0	27.5	30.5	29.5	30.0	26.5	24.5	25.5
11	28.0	27.0	27.5	28.5	27.0	27.5	29.5	29.5	29.5	27.0	26.0	26.0
12	28.5	27.5	28.0	28.5	27.0	27.5	30.5	29.0	29.5	27.5	26.5	27.0
13	30.0	27.0	28.5	29.5	27.5	28.0	30.0	29.0	29.5	27.5	26.0	26.5
14	29.5	27.5	28.5	30.5	28.5	29.5	30.0	29.0	29.5	27.5	26.0	26.5
15	30.5	28.0	29.0	30.0	29.0	29.5	30.0	29.0	29.0	28.0	26.0	27.0
16	30.5	27.5	29.5	30.0	29.0	29.5	30.0	28.5	29.0	27.5	27.0	27.5
17	30.0	27.0	28.5	30.5	28.5	29.5	30.0	28.5	29.0	27.0	25.5	26.5
18	30.0	28.5	29.0	31.0	28.5	29.5	31.0	29.0	30.0	26.0	25.5	25.5
19	30.0	28.5	29.0	30.5	28.5	29.0	30.5	29.0	30.0	27.0	25.5	26.0
20	32.5	28.5	30.0	29.5	28.5	29.0	30.0	29.0	29.5	27.0	25.5	26.0
21	31.5	28.5	30.5	30.5	28.5	29.0	30.5	29.0	29.5	28.0	25.5	27.0
22	31.5	30.0	30.5	30.5	29.0	29.5	30.0	29.5	29.5	27.5	26.5	27.0
23	32.5	29.5	30.5	29.5	29.0	29.0	29.5	29.0	29.0	28.0	26.0	26.5
24	33.0	30.5	31.5	30.5	28.5	29.0	30.0	29.0	29.5	28.0	26.5	27.0
25	31.0	29.5	30.5	30.0	28.5	29.0	30.5	29.0	29.5	29.0	27.0	27.5
26	32.0	29.0	30.0	29.5	28.5	29.0	30.0	28.5	29.0	27.0	26.0	26.5
27	29.0	28.5	28.5	30.0	28.5	29.0	29.0	28.0	28.5	26.5	25.5	26.0
28	30.0	28.0	29.0	31.0	28.5	29.5	28.5	28.0	28.0	26.5	25.5	26.0
29	29.5	28.0	28.5	30.5	29.5	30.0	29.5	28.0	28.5	26.0	25.5	26.0
30	28.5	27.5	28.0	31.0	29.5	30.0	30.5	28.5	29.0	26.0	25.5	25.5
31	---	---	---	31.0	29.0	30.0	28.5	28.0	28.5	---	---	---
MONTH	33.0	26.5	29.0	31.0	26.5	28.5	33.0	28.0	29.5	29.0	24.5	26.5
YEAR	33.0	15.5	24.5									

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°09'35'', long 81°37'56'', Barnwell County, Hydrologic Unit Code 03060106, on right wingwall, 2 ft downstream from headwall of spillway, directly below L-Lake Dam, at Savannah River Plant, SC.

PERIOD OF RECORD.--November 1987 to September 1988.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: November 1987 to September 1988.

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, 11.0°C, several days in Jan., 1988.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, July 21; minimum, 11.0°C, several days in Jan.

TEMPERATURE (°C) OF WATER, 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				---	---	---	16.5	16.0	16.5	16.5	16.0	16.5
2				---	---	---	16.5	15.5	16.0	18.0	16.5	17.5
3				---	---	---	16.0	15.5	16.0	17.0	15.5	16.5
4				---	---	---	15.5	15.0	15.5	16.0	15.0	15.5
5				---	---	---	16.5	15.0	15.5	16.0	15.0	15.5
6				---	---	---	16.0	15.5	15.5	15.5	14.5	15.0
7				---	---	---	16.0	15.5	16.0	---	---	---
8				---	---	---	16.5	16.0	16.0	---	---	---
9				---	---	---	16.5	16.0	16.5	13.5	12.5	13.0
10				---	---	---	16.0	15.5	16.0	13.5	13.0	13.5
11				---	---	---	17.5	16.0	16.5	13.5	12.5	13.0
12				---	---	---	16.5	16.0	16.5	13.0	12.0	12.5
13				---	---	---	17.5	16.5	17.0	13.0	11.0	12.0
14				---	---	---	17.0	16.5	16.5	12.5	12.0	12.0
15				---	---	---	16.5	15.5	16.0	12.5	11.5	12.0
16				16.5	16.0	16.0	16.5	16.0	16.5	12.0	11.0	11.5
17				16.0	14.0	15.5	16.5	15.5	16.0	---	---	---
18				17.0	13.5	15.5	16.5	16.0	16.0	---	---	---
19				17.0	16.0	16.5	16.0	16.0	16.0	---	---	---
20				17.0	15.5	16.5	16.0	15.5	16.0	---	---	---
21				16.0	16.0	16.0	17.5	16.0	16.5	12.0	11.0	11.5
22				16.0	15.5	16.0	17.5	16.0	16.5	12.0	11.5	12.0
23				16.0	15.5	15.5	17.0	16.5	16.5	11.5	11.0	11.5
24				17.0	15.5	16.0	17.5	16.5	17.0	11.0	11.0	11.0
25				17.5	16.0	16.5	17.0	16.0	16.5	13.0	11.0	12.0
26				17.5	16.0	17.0	17.5	16.0	17.0	12.0	11.5	11.5
27				18.0	15.0	16.5	20.0	17.5	18.5	12.0	11.0	11.5
28				19.0	17.5	18.5	19.0	17.5	18.5	12.0	11.0	11.5
29				18.0	17.0	17.5	19.0	17.5	18.0	11.5	11.0	11.5
30				17.5	17.0	17.5	17.5	16.5	17.0	12.0	11.0	11.5
31				---	---	---	16.5	16.5	16.5	13.5	11.0	12.0
MONTH				19.0	13.5	16.5	20.0	15.0	16.5	18.0	11.0	13.0

021973537 STEEL CREEK BELOW L-LAKE DAM AT SAVANNAH RIVER PLANT, SC--Continued

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.0	26.5	27.5	26.0	27.0	28.5	27.5	28.0	26.5	26.5	26.5
2	28.5	26.0	27.0	27.5	26.5	27.0	28.5	27.5	28.0	26.0	26.0	26.0
3	28.0	26.0	27.0	26.5	26.5	26.5	29.5	28.0	28.5	26.0	25.5	25.5
4	28.0	27.0	27.0	26.5	26.0	26.5	29.0	28.0	28.5	25.5	25.5	25.5
5	27.0	26.0	26.5	26.5	26.0	26.5	28.5	27.0	28.0	25.5	25.0	25.5
6	27.5	26.0	26.5	26.5	26.0	26.5	28.5	27.5	28.0	25.5	25.0	25.0
7	27.5	26.5	27.0	26.5	24.5	26.0	29.0	28.0	28.0	25.0	25.0	25.0
8	27.5	26.5	27.0	26.5	25.5	26.0	28.5	28.0	28.0	25.0	24.0	24.5
9	27.0	25.5	26.5	26.5	26.0	26.0	28.0	27.5	28.0	24.0	24.0	24.0
10	27.5	26.0	26.5	26.5	26.0	26.5	28.5	27.5	28.0	---	---	---
11	27.5	26.0	27.0	26.5	25.5	26.0	28.0	28.0	28.0	---	---	---
12	27.5	26.5	27.0	26.5	26.0	26.0	28.5	27.5	28.0	---	---	---
13	28.0	26.5	27.0	27.0	24.5	26.0	28.0	26.0	27.5	25.0	25.0	25.0
14	28.0	26.0	27.0	26.5	26.0	26.5	27.5	26.0	27.0	25.0	24.5	25.0
15	28.0	26.5	27.5	26.5	26.0	26.5	---	---	---	26.0	24.5	25.5
16	28.0	26.5	27.5	27.0	26.5	26.5	---	---	---	26.0	25.5	25.5
17	28.0	27.0	27.5	27.0	26.5	26.5	27.0	---	---	25.5	24.5	25.0
18	28.0	27.5	27.5	27.0	26.5	27.0	28.0	26.5	27.5	25.0	25.0	25.0
19	28.5	27.0	28.0	27.0	26.5	26.5	28.0	27.5	28.0	25.0	24.5	25.0
20	29.5	27.5	28.5	27.0	26.5	27.0	28.0	27.5	27.5	25.0	24.5	25.0
21	29.0	27.5	28.5	30.5	26.5	27.5	29.0	27.5	28.0	26.0	25.0	25.5
22	29.0	28.0	28.5	28.0	27.5	28.0	28.0	28.0	28.0	25.5	25.0	25.5
23	29.5	28.0	29.0	27.5	27.0	27.0	28.0	27.5	27.5	25.5	25.0	25.0
24	29.5	28.5	29.0	28.5	26.5	27.0	28.0	27.5	27.5	25.5	25.0	25.5
25	29.0	26.0	27.5	28.0	26.5	27.0	28.0	27.5	27.5	26.0	25.0	25.5
26	29.0	25.5	27.0	27.5	27.5	27.5	27.5	27.0	27.5	25.5	25.0	25.5
27	28.0	24.5	26.5	27.5	27.5	27.5	27.0	27.0	27.0	25.5	25.0	25.0
28	28.0	27.0	27.5	28.5	27.5	28.0	27.0	26.5	27.0	25.5	25.0	25.0
29	28.0	26.5	27.0	28.5	27.5	28.0	28.0	26.5	27.0	25.0	25.0	25.0
30	27.0	25.5	26.5	28.0	27.5	28.0	28.0	27.0	27.0	25.0	25.0	25.0
31	---	---	---	28.5	27.5	28.0	27.5	26.5	27.0	---	---	---
MONTH	29.5	24.5	27.5	30.5	24.5	27.0	29.5	26.0	27.5	26.5	24.0	25.0
YEAR	30.5	11.0	21.0									

02197354 P-007 AT SAVANNAH RIVER PLANT, 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 SRP Road F, at Savannah River Plant.

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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Apr. 19, gage height, 1.63 ft; minimum daily, .05 ft^3/s, Sept. 29.

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	.97	1.2	1.0	1.0	.84	1.2	.66	.56	1.1	.89	1.3	.41
2	1.1	1.3	.98	1.3	.78	1.0	.73	.54	1.0	.91	.95	.38
3	1.2	1.2	.99	1.8	.97	.85	.72	.62	.90	.89	.90	.33
4	1.2	1.1	1.0	1.1	1.2	.87	.85	.55	.93	.91	.95	.42
5	1.2	1.1	1.0	.94	.99	.85	.75	.66	.93	.89	---	.43
6	1.1	1.3	1.0	.94	.94	.85	.99	.59	.94	.86	---	.40
7	1.3	1.1	1.1	1.1	.97	.86	1.3	.69	.96	.88	---	.38
8	1.2	1.2	1.0	1.1	.98	.85	.99	.64	.99	.91	---	.39
9	1.3	1.3	1.0	1.2	1.0	.87	.92	.56	.94	.91	---	.72
10	1.2	1.1	.99	1.0	1.2	1.2	1.0	.69	.89	.85	---	.38
11	1.2	1.1	1.4	1.0	1.0	.85	1.2	.90	.77	.87	---	.39
12	1.1	1.3	1.2	1.2	.99	.85	.92	.68	.77	.85	---	.46
13	1.1	1.4	.96	.99	1.1	.85	.83	.59	.78	.85	---	.42
14	1.1	1.4	1.1	1.4	1.2	.86	.69	.60	.80	.85	---	.48
15	1.2	1.0	1.3	1.1	.97	.85	.84	.57	.83	.83	---	.41
16	1.1	1.1	1.1	1.0	.99	.70	.91	.57	.81	1.2	---	.28
17	1.1	1.2	1.0	1.0	.96	.69	.89	.70	.79	1.1	---	.40
18	1.1	1.1	1.3	1.1	.99	.69	.85	.79	.74	1.1	---	.39
19	1.0	1.2	1.3	1.0	1.3	.69	.99	.77	.74	1.3	---	.36
20	1.3	1.2	.99	1.1	1.1	.69	.72	.82	1.0	1.1	---	.32
21	1.5	1.1	1.0	1.1	.98	.70	.87	.81	.84	1.2	---	.39
22	1.7	1.1	1.0	1.1	1.1	.70	1.0	.79	.82	1.2	---	.37
23	1.3	1.1	.95	1.0	1.2	.69	1.1	.78	.84	1.2	---	.37
24	1.2	1.1	1.0	1.4	1.0	.69	.84	.83	.91	1.2	---	.32
25	1.1	1.2	1.2	1.1	1.0	.70	.70	.88	.88	.96	---	.25
26	1.1	1.1	1.2	.91	1.0	.69	.68	.90	1.1	.88	---	.27
27	1.1	1.1	1.3	.88	.98	.66	.79	.87	1.2	.96	---	.26
28	1.2	.99	1.0	.73	.96	.67	.69	.86	.77	1.3	---	.25
29	1.1	.99	1.0	.85	1.0	.67	.68	1.1	.95	.91	---	.05
30	1.1	1.0	1.0	.86	---	.68	.53	1.2	.89	1.4	---	.07
31	1.1	---	1.4	.78	---	.71	---	1.1	---	1.5	---	---
TOTAL	36.57	34.68	33.76	33.08	29.69	24.68	25.63	23.21	26.81	31.66	---	10.75
MEAN	1.18	1.16	1.09	1.07	1.02	.80	.85	.75	.89	1.02	---	.36
MAX	1.7	1.4	1.4	1.8	1.3	1.2	1.3	1.2	1.2	1.5	---	.72
MIN	.97	.99	.95	.73	.78	.66	.53	.54	.74	.83	---	.05

CAL YR 1987 TOTAL 377.30 MEAN 1.03 MAX 2.7 MIN .00

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°08'44'', long 81°37'44'', Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRP Road A, 160 ft downstream from Meyers Branch, at Savannah River Plant.

PERIOD OF RECORD.--March 1985 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 good. Flow regulated by Savannah River Plant 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, 456 ft^3/s, Apr. 19, 23, 24, gage height, 2.82 ft; minimum daily, 52 ft^3/s, Aug. 15.

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	85	57	376	393	414	410	418	439	406	164	154	67
2	81	57	375	400	416	411	420	437	405	145	155	71
3	77	60	374	405	417	413	420	436	404	143	161	71
4	77	62	376	403	411	422	420	442	405	141	160	66
5	71	62	375	395	401	417	419	445	407	138	137	71
6	64	63	374	394	399	414	426	442	408	134	107	66
7	64	63	374	395	398	414	429	442	407	102	111	63
8	64	226	375	398	399	415	428	432	403	60	104	62
9	63	383	373	399	397	417	428	415	406	68	95	118
10	63	388	374	401	394	434	420	416	423	73	95	82
11	64	386	380	404	387	421	420	426	408	74	100	71
12	64	384	384	403	388	412	427	420	402	82	102	95
13	92	383	388	404	389	413	421	414	397	72	85	155
14	154	380	392	365	390	412	417	405	396	63	61	176
15	165	378	393	273	390	416	416	405	395	60	52	192
16	165	380	393	270	389	418	418	404	397	58	59	194
17	165	390	393	240	389	419	419	398	398	60	58	199
18	165	391	396	188	393	421	421	396	399	60	57	219
19	53	381	399	185	411	418	443	395	399	62	59	226
20	53	381	400	275	403	415	433	404	400	62	59	202
21	53	379	404	404	399	355	432	412	399	79	66	150
22	53	377	406	401	402	213	432	416	411	116	66	135
23	59	377	402	403	410	212	439	416	427	120	59	134
24	57	374	404	403	410	212	450	413	419	130	60	133
25	59	373	405	404	410	212	441	407	305	142	58	137
26	61	374	404	407	410	270	443	407	167	144	56	157
27	63	374	404	407	409	383	441	407	220	144	56	144
28	61	374	407	395	411	401	438	408	183	147	62	139
29	59	375	407	372	411	409	437	407	161	148	73	136
30	59	381	404	411	---	411	438	405	159	150	70	128
31	59	---	398	413	---	414	---	405	---	153	67	---
TOTAL	2492	9013	12109	11410	11647	11824	12854	12916	10916	3294	2664	3859
MEAN	80.4	300	391	368	402	381	428	417	364	106	85.9	129
MAX	165	391	407	413	417	434	450	445	427	164	161	226
MIN	53	57	373	185	387	212	416	395	159	58	52	62

WTR YR 1988 TOTAL 104998 MEAN 287 MAX 450 MIN 52

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 September 1988.

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 SRP.)

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.40 ft, Feb. 6, 1988; minimum .48 ft, Aug. 9, 10, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.40 ft, Feb. 6; minimum, .48 ft, Aug. 9, 10.

GAGE HEIGHT (FEET ABOVE NGVD), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	2.63	2.34	3.37	2.78	2.05	2.14	1.47	.94	1.38	.71	---
2	---	2.41	2.41	3.14	2.72	2.30	2.23	1.21	.92	1.26	.64	---
3	---	2.72	2.95	3.13	2.50	2.42	2.35	1.09	.96	1.13	.58	---
4	---	3.16	3.00	3.10	2.68	2.42	1.97	1.08	.95	.93	.54	---
5	3.26	3.20	2.71	3.00	4.34	2.49	1.96	1.07	.91	.76	.76	---
6	3.47	2.80	2.60	3.39	7.78	2.47	2.16	1.00	.85	.70	.97	---
7	4.59	2.76	2.39	3.71	6.59	2.31	2.20	.90	.79	.82	1.02	---
8	4.66	2.95	1.95	3.38	4.32	2.17	2.05	.92	1.09	.66	.71	---
9	4.07	2.46	1.98	3.10	2.65	2.61	2.04	.92	1.41	.63	.49	---
10	4.18	2.41	2.29	2.92	2.34	3.75	1.79	.89	1.79	.56	.49	---
11	3.46	2.85	2.72	2.71	2.62	3.88	1.75	.86	2.08	.53	.61	---
12	2.68	3.45	2.88	2.92	2.74	4.17	2.00	.75	2.06	.52	.83	---
13	2.88	5.22	2.94	3.28	3.14	3.39	2.50	.66	1.48	.51	.85	---
14	4.39	5.00	1.81	2.96	3.28	2.78	2.67	.67	1.08	.51	.71	---
15	5.11	3.43	1.87	2.72	2.20	2.52	2.29	.69	.90	.52	.51	1.57
16	5.00	2.48	2.20	2.77	1.90	2.90	1.83	.62	.73	.53	.50	1.70
17	4.03	2.00	3.13	2.64	2.20	3.63	1.43	.59	.76	.52	.50	1.69
18	3.71	3.19	3.73	2.46	2.52	2.81	1.27	.78	.97	.51	.50	1.64
19	2.81	4.42	4.65	2.76	3.36	2.71	1.70	.99	1.05	.51	.62	1.51
20	2.52	3.40	3.56	3.21	3.90	2.39	1.91	1.21	.88	.50	.93	1.39
21	2.73	3.13	2.33	3.88	3.54	2.18	1.87	1.24	.74	.49	.98	1.27
22	2.01	3.73	1.96	4.05	2.92	2.01	1.82	1.15	1.13	.53	1.02	1.30
23	2.21	2.95	2.08	4.03	2.58	2.15	1.87	.99	2.33	.85	1.03	1.15
24	3.80	2.19	2.49	3.33	2.57	2.66	2.08	1.10	1.40	1.08	.94	1.02
25	3.09	2.25	2.77	2.70	2.52	2.68	2.56	1.27	.84	.93	.88	1.00
26	2.23	2.71	2.94	2.46	2.46	2.45	2.61	1.28	.57	.64	.89	.94
27	2.34	2.93	3.07	2.60	2.39	2.43	3.35	1.17	.56	.49	.82	.92
28	3.40	3.54	2.71	2.79	2.33	2.54	2.70	1.05	.48	.58	.78	.91
29	4.35	4.26	2.36	2.86	2.13	2.36	2.16	.98	.46	.79	---	.86
30	3.70	3.44	2.73	3.20	---	2.16	1.74	.92	1.57	.74	---	.90
31	3.21	---	3.24	3.25	---	2.14	---	.95	---	.72	---	---
TOTAL	---	94.07	82.79	95.82	90.00	81.93	63.00	30.47	32.68	21.83	---	---
MEAN	---	3.14	2.67	3.09	3.10	2.64	2.10	.98	1.09	.70	---	---
MAX	---	5.22	4.65	4.05	7.78	4.17	3.35	1.47	2.33	1.38	---	---
MIN	---	2.00	1.81	2.46	1.90	2.01	1.27	.59	.46	.49	---	---

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 Mini-monitor and 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, 29.0°C, June 23-26, Aug. 8-10; minimum, 5.5°C, Feb. 13,14.

TEMPERATURE (°C) OF WATER, 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	22.5	20.5	21.5	15.5	14.0	14.5	14.0	13.0	13.5	12.5	12.0	12.0
2	20.5	18.5	19.5	16.0	15.0	15.5	13.0	12.5	12.5	12.5	12.5	12.5
3	19.0	18.0	18.5	17.0	16.0	16.5	12.5	12.0	12.0	12.5	11.5	12.0
4	18.0	16.5	17.0	18.0	17.0	17.5	12.0	12.0	12.0	11.5	11.0	11.5
5	16.5	15.0	16.0	19.0	18.0	18.5	12.0	11.5	11.5	11.5	10.5	11.0
6	16.5	15.0	16.0	18.5	15.5	17.0	11.5	11.0	11.0	10.5	10.0	10.5
7	17.0	16.0	16.5	15.5	14.0	14.5	11.5	11.0	11.0	10.0	8.5	9.5
8	16.5	15.5	15.5	14.5	13.0	14.0	12.0	11.5	11.5	8.5	7.5	8.0
9	15.5	14.5	15.0	16.0	14.0	15.0	13.5	12.0	12.5	7.5	7.0	7.0
10	16.0	14.5	15.5	18.0	16.0	17.0	15.5	13.5	14.5	7.0	7.0	7.0
11	17.0	16.0	16.5	17.5	14.5	16.0	---	---	---	7.5	7.0	7.5
12	17.0	16.5	17.0	14.0	12.5	13.0	---	---	---	7.0	7.0	7.0
13	16.5	15.0	16.0	12.5	11.5	12.0	---	---	---	7.5	7.0	7.0
14	15.0	14.0	14.5	12.5	11.5	12.0	---	---	---	7.5	7.0	7.0
15	14.5	13.5	14.0	13.5	12.0	12.5	16.0	14.5	15.0	7.0	6.5	7.0
16	14.0	13.0	13.5	15.0	13.5	14.0	14.0	11.0	12.5	6.5	6.0	6.5
17	14.5	13.0	14.0	16.0	15.0	15.5	11.0	9.5	10.0	6.5	6.5	6.5
18	15.5	14.0	14.5	16.5	15.5	16.0	9.5	8.5	9.0	7.5	7.0	7.0
19	16.0	14.5	15.5	16.5	15.0	15.5	10.5	8.5	9.5	9.5	7.5	8.5
20	17.0	15.5	16.5	14.5	14.0	14.0	13.0	10.5	11.5	11.0	9.5	10.0
21	17.5	17.0	17.5	14.0	12.0	13.0	14.0	13.0	13.5	12.0	11.0	11.5
22	16.5	14.0	15.0	12.0	11.0	11.5	14.5	14.0	14.0	12.0	11.5	11.5
23	14.0	12.5	13.0	12.0	11.0	11.5	14.5	13.5	14.0	11.5	10.5	11.0
24	14.5	13.0	13.5	13.0	11.5	12.0	13.5	13.0	13.0	10.5	9.5	10.0
25	15.5	14.5	14.5	14.0	12.5	13.0	15.0	13.5	14.0	9.5	9.5	9.5
26	15.5	14.5	15.0	15.0	14.0	14.5	15.5	14.5	15.0	9.5	8.5	9.0
27	15.5	15.0	15.5	16.0	15.0	15.0	16.0	15.5	16.0	8.5	7.5	8.0
28	15.5	15.0	15.5	16.0	15.5	16.0	16.5	15.5	16.0	7.5	7.0	7.5
29	15.0	13.0	14.0	15.5	15.5	15.5	16.5	14.5	15.5	7.5	7.0	7.5
30	14.0	12.5	13.5	15.5	14.5	15.0	14.0	12.0	13.0	8.0	7.5	7.5
31	14.5	13.0	13.5	---	---	---	12.0	11.5	11.5	9.0	8.0	8.5
MONTH	22.5	12.5	15.5	19.0	11.0	14.5	16.5	8.5	13.0	12.5	6.0	9.0

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.5	9.5	10.0	15.0	11.0	13.0	19.5	17.5	19.0	20.5	17.0	19.0
2	12.0	10.5	11.0	15.5	10.5	13.0	21.0	17.5	19.5	21.5	17.0	19.5
3	13.5	12.0	12.5	15.5	13.0	14.0	21.0	18.5	20.0	21.5	18.0	19.5
4	14.5	13.5	13.5	17.0	14.5	15.5	22.5	19.0	21.0	21.0	18.5	19.5
5	14.5	13.0	13.5	16.0	14.5	15.5	23.5	18.5	21.0	21.0	18.5	20.0
6	13.0	11.5	12.0	17.0	14.0	15.0	21.5	18.5	20.0	21.0	17.0	19.5
7	11.5	10.0	10.5	17.5	13.0	15.5	18.5	16.0	17.5	22.5	18.0	20.5
8	---	---	---	18.0	14.0	16.0	20.0	15.0	17.5	23.5	19.0	21.0
9	9.5	8.5	9.0	17.5	16.0	17.0	20.5	16.0	18.5	23.0	19.5	21.5
10	10.5	7.0	9.0	17.5	15.0	16.5	20.5	16.5	18.5	23.5	20.5	22.0
11	11.5	9.0	10.5	17.0	13.0	15.0	19.0	18.0	18.5	24.0	20.0	22.0
12	11.5	8.5	10.5	18.0	13.0	15.5	18.0	14.5	16.0	24.0	20.0	22.0
13	9.0	5.5	7.5	19.0	16.0	17.5	18.0	13.5	15.5	22.5	21.0	21.5
14	10.0	5.5	8.0	16.5	13.0	15.0	20.0	15.0	17.5	24.0	20.5	22.0
15	10.5	8.5	9.5	13.5	9.5	12.0	21.0	16.5	18.5	25.0	21.5	23.0
16	11.0	7.5	9.5	13.5	8.5	11.0	20.5	17.5	19.0	25.5	22.0	24.0
17	11.0	7.5	9.5	14.5	9.0	11.5	20.5	15.5	18.0	24.0	21.5	23.0
18	11.0	8.5	10.0	12.5	10.5	12.0	20.0	17.0	18.5	24.5	20.5	22.5
19	11.5	10.5	11.0	13.0	11.5	12.0	21.5	18.0	19.5	25.0	21.0	23.0
20	12.5	11.5	12.0	15.5	10.0	12.5	20.5	16.5	18.5	---	---	---
21	13.0	10.5	11.5	18.0	12.5	15.0	21.5	17.0	19.5	25.5	21.5	23.5
22	12.5	8.0	10.5	17.5	14.5	16.0	23.0	19.0	21.0	26.0	23.0	24.5
23	13.5	9.0	11.5	19.0	14.5	16.5	21.5	20.0	21.0	26.5	22.5	24.5
24	14.0	11.5	13.0	19.5	16.0	18.0	23.5	20.0	21.5	26.0	22.5	24.5
25	12.5	8.5	10.5	20.5	16.5	18.5	21.5	19.0	20.0	24.5	22.0	23.5
26	12.0	8.0	10.0	20.5	18.0	19.0	20.0	18.5	19.0	23.5	20.5	22.0
27	13.5	8.0	11.0	20.5	16.5	18.5	22.0	18.0	20.0	22.5	19.0	21.0
28	14.0	10.5	12.0	20.0	14.5	17.5	20.5	18.0	19.5	24.0	19.0	21.5
29	14.5	9.5	12.0	20.5	15.0	18.0	20.0	16.0	18.5	25.5	21.0	23.5
30	---	---	---	20.5	16.5	18.5	18.5	16.5	18.0	26.0	22.5	24.5
31	---	---	---	21.0	17.0	19.0	---	---	---	26.0	22.0	24.0
MONTH	14.5	5.5	11.0	21.0	8.5	15.5	23.5	13.5	19.0	26.5	17.0	22.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	22.5	24.5	---	---	---	27.5	25.5	26.5	---	---	---
2	27.0	23.5	25.0	---	---	---	27.5	25.0	26.5	---	---	---
3	26.5	24.0	25.0	---	---	---	28.5	25.5	27.0	---	---	---
4	24.5	21.5	23.0	---	---	---	28.0	25.5	27.0	---	---	---
5	24.5	20.0	22.5	25.5	22.5	24.0	28.5	25.5	27.0	---	---	---
6	25.5	21.0	23.5	25.5	23.0	24.0	28.5	26.0	27.0	---	---	---
7	26.0	23.0	24.5	25.0	22.0	23.5	28.5	26.0	27.0	23.5	21.5	22.5
8	---	---	---	25.5	22.5	24.0	29.0	25.5	27.0	22.5	19.5	20.5
9	---	---	---	26.0	24.0	25.0	29.0	26.0	27.5	22.0	19.5	20.5
10	23.0	---	---	27.0	24.5	25.5	29.0	26.0	27.5	24.0	21.5	22.5
11	24.0	20.5	22.5	26.5	25.0	25.5	27.5	25.5	26.5	25.5	23.0	24.0
12	24.5	20.5	22.5	26.5	24.5	25.5	28.5	24.5	26.5	26.0	24.0	25.0
13	25.0	21.0	23.5	27.0	24.5	26.0	27.5	25.0	26.5	25.5	23.0	24.5
14	26.0	22.0	24.0	27.0	25.5	26.5	27.5	25.5	26.5	26.0	23.5	25.0
15	26.5	22.5	24.5	28.0	25.5	26.5	27.5	24.5	26.0	26.5	24.0	25.0
16	26.5	22.5	25.0	28.0	26.5	27.5	27.5	25.5	26.5	25.5	24.0	24.5
17	27.0	23.5	25.5	28.5	26.0	27.5	28.0	25.0	26.5	24.0	23.0	23.5
18	27.5	24.5	26.0	28.5	26.0	27.5	28.5	25.5	27.0	23.5	23.0	23.0
19	28.0	24.5	26.5	28.5	26.0	27.5	28.5	25.5	27.0	24.5	22.5	23.5
20	28.0	24.5	26.5	28.0	26.0	27.0	28.0	26.0	27.5	25.5	23.0	24.0
21	28.5	25.0	27.0	28.0	26.0	27.0	27.5	25.5	26.5	26.0	23.5	24.5
22	28.5	25.5	27.0	27.5	26.0	26.5	26.0	24.5	25.5	25.0	22.0	24.0
23	29.0	26.0	27.5	26.5	25.0	25.5	26.0	24.5	25.0	25.0	22.0	23.5
24	29.0	26.5	27.5	27.5	24.0	25.5	27.0	24.5	25.5	26.0	23.0	24.5
25	29.0	26.0	27.5	27.5	24.5	26.0	27.5	25.0	26.5	---	---	---
26	29.0	26.5	27.5	27.0	24.5	26.0	26.5	23.5	25.5	---	---	---
27	---	---	---	27.0	24.5	26.0	26.0	24.0	25.0	22.5	20.5	21.5
28	---	---	---	27.5	24.5	26.0	25.5	24.0	24.5	22.5	19.5	21.0
29	---	---	---	28.0	25.5	26.5	---	---	---	24.0	21.5	22.5
30	---	---	---	27.5	25.5	26.5	---	---	---	24.0	22.0	23.0
31	---	---	---	27.5	24.5	26.0	---	---	---	---	---	---
MONTH	29.0	20.0	25.0	28.5	22.0	26.0	29.0	23.5	26.5	26.5	19.5	23.5
YEAR	29.0	5.5	18.0									

02197362 P-019 AT SAVANNAH RIVER PLANT, 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 Plant.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges, July 5-7. Records poor. Flow regulated by Savannah River Plant 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, 664 ft^3/s, Nov. 24, gage height, 4.45 ft; no flow, Sept. 21-28.

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	408	498	329	424	166	436	432	105	170	49	453	76
2	420	523	420	410	254	419	434	95	164	62	455	79
3	425	449	415	415	431	414	434	95	164	62	454	103
4	424	420	420	420	430	424	435	96	165	65	431	83
5	433	409	420	413	419	433	436	95	165	64	394	62
6	448	300	421	420	422	429	437	97	176	154	394	66
7	453	363	420	430	432	435	432	96	191	163	396	66
8	456	396	420	426	435	436	433	96	132	157	401	69
9	467	393	421	412	436	435	430	95	124	156	402	72
10	478	434	426	408	437	433	426	96	112	157	415	73
11	489	465	422	403	436	431	399	96	106	155	423	62
12	495	469	422	394	438	432	123	98	101	138	433	42
13	440	432	420	416	437	432	130	99	101	138	439	24
14	360	405	422	426	437	428	124	99	105	142	423	23
15	361	391	423	447	437	432	129	99	104	160	414	23
16	381	358	423	443	436	431	134	99	104	147	421	23
17	388	373	425	455	429	433	125	99	106	145	415	23
18	388	339	425	434	432	433	132	99	131	135	294	23
19	401	364	432	439	441	430	107	172	134	136	125	23
20	424	361	432	442	442	433	109	164	133	148	84	22
21	440	364	435	438	442	435	115	165	144	145	81	.00
22	473	352	436	431	439	444	123	166	139	138	68	.00
23	464	361	432	428	437	431	121	165	152	150	58	.00
24	468	372	430	420	431	433	112	166	167	170	76	.00
25	478	252	432	218	431	430	112	167	181	156	85	.00
26	483	256	435	238	432	442	110	171	175	139	76	.00
27	504	240	430	261	433	429	109	169	72	147	85	.00
28	514	246	422	235	432	428	107	169	76	165	80	.00
29	497	233	418	212	433	428	112	181	75	154	79	23
30	496	223	418	219	---	428	102	176	72	170	85	31
31	500	---	418	201	---	431	---	184	---	302	90	---
TOTAL	13856	11041	13064	11778	12137	13368	6964	3969	3941	4369	8529	1091.00
MEAN	447	368	421	380	419	431	232	128	131	141	275	36.4
MAX	514	523	436	455	442	444	437	184	191	302	455	103
MIN	360	223	329	201	166	414	102	95	72	49	58	.00

CAL YR 1987 TOTAL 121902 MEAN 334 MAX 523 MIN 20
WTR YR 1988 TOTAL 104107.00 MEAN 284 MAX 523 MIN .00

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 114130.00 MEAN 313 MAX 483 MIN 1.0

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to current.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since March 1984 and data collection platform since August 1987.

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, 52.0°C Oct. 1; minimum, 6.5°C Jan. 29.

TEMPERATURE (°C) OF WATER, 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	52.0	51.5	51.5	45.5	45.0	45.5	43.0	16.0	41.5	42.5	41.5	42.0
2	51.5	51.0	51.5	46.0	45.0	45.5	42.0	41.0	41.5	42.5	41.5	42.0
3	51.5	50.5	51.0	46.5	45.5	46.0	41.5	40.5	41.5	42.0	41.0	41.5
4	50.5	49.5	50.0	46.5	46.0	46.5	41.5	41.0	41.0	41.0	40.5	40.5
5	50.0	49.5	49.5	46.5	46.0	46.5	41.0	40.0	40.5	40.5	40.0	40.0
6	50.5	49.5	50.0	46.0	45.0	45.5	40.5	39.5	40.5	40.0	38.0	39.5
7	50.5	49.5	49.5	45.5	45.0	45.5	41.0	40.0	40.5	39.0	38.0	38.5
8	49.5	48.5	49.0	45.5	45.0	45.5	41.0	40.0	41.0	38.0	37.0	37.5
9	48.5	47.5	48.0	45.5	45.0	45.0	42.5	41.0	41.5	37.5	37.0	37.5
10	48.5	47.0	48.0	46.0	45.5	46.0	42.5	40.5	42.5	38.0	37.5	38.0
11	48.5	47.5	48.0	45.5	44.5	45.0	42.0	41.5	42.0	38.5	36.5	38.0
12	48.5	47.5	48.0	44.5	43.5	44.0	42.5	42.0	42.0	39.0	19.5	37.0
13	47.5	46.5	47.0	44.0	43.0	43.5	43.0	42.0	42.5	38.0	32.5	37.0
14	46.5	45.5	46.0	44.0	43.0	43.5	43.5	42.0	43.0	38.5	31.0	37.0
15	46.0	45.5	46.0	44.0	43.0	44.0	44.0	41.0	43.5	37.5	32.5	36.0
16	46.0	45.0	45.5	45.0	44.0	44.5	43.5	42.0	42.5	37.0	33.0	36.5
17	46.0	45.0	45.5	45.0	44.5	45.0	42.0	41.5	41.5	37.0	36.0	36.5
18	46.5	45.0	46.0	45.0	44.5	44.5	41.5	41.0	41.0	40.0	37.5	39.0
19	47.0	46.0	46.5	44.5	44.0	44.5	42.0	41.0	41.5	41.5	40.0	40.5
20	47.0	46.5	46.5	44.0	43.0	43.5	43.0	42.0	42.5	42.0	40.0	41.5
21	47.0	46.0	46.5	43.5	42.5	43.0	43.0	42.0	42.5	40.0	39.0	39.5
22	46.0	45.0	45.5	42.5	41.5	42.0	43.0	42.5	43.0	40.0	39.0	39.5
23	45.5	20.0	28.0	43.0	42.0	42.5	43.0	42.5	42.5	39.5	38.0	39.0
24	20.5	20.0	20.5	43.5	42.5	43.0	43.0	42.5	43.0	39.0	10.5	26.5
25	43.0	20.5	34.0	44.5	43.0	43.5	44.0	37.0	43.5	11.0	10.5	11.0
26	46.0	38.0	43.5	44.5	18.0	33.0	43.5	43.0	43.5	10.5	10.0	10.5
27	45.5	45.0	45.5	40.0	18.5	27.5	44.0	43.5	43.5	10.0	9.5	9.5
28	45.5	45.0	45.0	45.0	40.0	43.5	44.0	43.0	43.5	9.5	9.0	9.0
29	45.0	44.5	45.0	45.0	18.5	35.0	44.0	42.5	43.0	9.5	6.5	9.0
30	45.0	44.5	44.5	42.5	18.0	29.5	42.5	41.0	42.0	10.0	8.0	9.5
31	45.0	44.0	45.0	---	---	---	42.0	41.5	41.5	11.0	10.0	10.5
MONTH	52.0	20.0	45.5	46.5	18.0	42.5	44.0	16.0	42.0	42.5	6.5	32.0

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	11.0	10.0	11.0	43.5	40.5	42.5	45.5	15.0	32.5	21.0	19.0	20.0
2	12.0	11.0	11.5	44.5	33.0	43.0	45.0	20.5	42.5	21.0	19.0	20.5
3	11.5	11.0	11.0	46.5	23.0	43.5	45.0	17.0	39.5	21.0	19.0	20.5
4	13.0	11.0	12.0	46.0	29.0	43.0	45.0	27.5	43.0	21.0	20.5	21.0
5	26.5	11.0	15.0	44.0	35.5	39.0	47.0	34.0	44.5	21.0	19.5	20.5
6	41.5	26.5	36.0	45.0	35.5	41.5	47.5	38.0	46.0	21.0	18.5	20.0
7	41.5	41.0	41.5	45.5	27.0	41.5	45.0	21.5	40.5	21.0	18.0	20.0
8	41.5	37.5	41.0	46.0	35.5	43.0	45.0	28.5	43.0	21.0	17.0	19.0
9	42.0	40.5	41.5	46.0	37.0	45.0	47.0	25.0	40.0	21.0	17.0	20.0
10	42.0	39.5	41.5	45.5	36.5	44.5	43.5	15.0	29.0	22.5	22.0	22.0
11	42.0	41.5	42.0	46.0	19.0	43.0	21.5	17.5	19.0	22.0	21.5	21.5
12	42.5	41.5	42.0	46.5	25.0	43.0	20.5	13.5	16.5	22.5	21.0	22.0
13	42.0	41.0	41.5	46.5	18.5	41.5	18.5	13.5	15.5	22.5	22.0	22.0
14	42.0	39.5	41.5	45.5	21.0	41.0	19.5	14.0	17.5	22.5	22.0	22.5
15	42.0	39.0	41.5	44.5	37.0	42.0	19.5	13.0	17.0	22.5	22.0	22.5
16	41.5	21.5	40.0	44.5	44.0	44.5	---	---	---	23.0	22.5	22.5
17	40.5	10.5	22.5	44.5	43.5	44.5	---	---	---	22.5	22.0	22.0
18	39.5	9.0	24.5	45.5	44.5	45.0	---	---	---	23.0	22.0	22.5
19	42.5	39.5	41.5	45.0	44.0	44.5	20.0	17.5	19.5	24.0	22.5	23.5
20	42.0	41.5	41.5	45.0	35.0	43.5	20.0	17.5	19.0	23.5	22.0	23.0
21	41.5	23.5	40.5	45.0	23.5	42.5	20.5	16.5	19.5	24.0	23.0	23.5
22	41.5	30.0	39.5	45.5	36.0	43.5	20.5	19.5	20.0	24.5	24.0	24.0
23	42.0	33.5	41.0	45.5	24.5	43.0	20.5	16.5	19.0	24.5	23.0	23.5
24	43.0	40.0	42.0	45.5	19.0	40.0	21.0	17.0	20.0	23.5	22.5	23.0
25	42.5	28.0	41.5	46.0	24.5	38.0	20.5	16.5	20.0	23.5	22.0	22.5
26	42.5	27.5	40.5	45.5	28.0	42.5	21.0	17.0	19.5	23.5	23.0	23.5
27	43.0	21.0	40.0	43.5	18.0	35.5	21.0	17.0	20.0	23.5	23.0	23.5
28	43.5	10.0	40.5	43.5	23.0	38.5	21.0	19.0	19.5	23.5	23.0	23.5
29	43.0	9.0	38.5	44.5	33.0	41.5	20.5	17.0	20.0	23.5	23.0	23.0
30	---	---	---	46.0	27.0	40.0	20.0	18.0	19.5	24.0	23.0	23.5
31	---	---	---	45.5	27.0	41.5	---	---	---	24.5	24.0	24.0
MONTH	43.5	9.0	34.5	46.5	18.0	42.0	47.5	13.0	26.5	24.5	17.0	22.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.5	24.0	24.0	---	---	---	29.5	28.5	29.0	---	---	---
2	24.5	24.0	24.0	---	---	---	29.5	28.5	29.0	---	---	---
3	24.5	24.0	24.0	---	---	---	29.0	29.0	29.0	---	---	---
4	24.5	24.0	24.0	---	---	---	29.5	28.5	29.0	---	---	---
5	24.5	24.0	24.5	---	---	---	29.0	29.0	29.0	---	---	---
6	25.0	24.5	24.5	31.0	25.5	29.5	29.0	28.0	28.5	---	---	---
7	25.0	24.5	25.0	30.0	25.0	27.0	39.5	28.0	30.5	---	---	---
8	25.0	25.0	25.0	26.0	25.5	25.5	47.0	39.0	44.5	24.5	19.5	23.0
9	25.5	24.5	25.0	26.0	25.5	25.5	44.5	28.0	30.5	24.5	23.5	24.0
10	24.5	23.5	24.0	26.0	25.5	25.5	48.0	31.0	42.0	24.0	23.5	24.0
11	24.0	23.5	24.0	26.0	25.5	26.0	48.5	45.5	47.5	24.5	24.0	24.0
12	24.0	23.5	24.0	26.5	26.0	26.0	47.0	45.5	46.5	25.0	23.5	24.0
13	24.5	24.0	24.5	26.5	26.0	26.0	46.5	45.5	46.0	28.0	23.5	25.5
14	25.0	24.5	24.5	27.0	26.5	26.5	---	---	---	30.0	25.0	27.0
15	25.0	25.0	25.0	27.5	26.5	27.0	---	---	---	28.5	26.0	27.0
16	25.0	24.5	25.0	28.0	27.0	27.5	---	---	---	26.5	24.5	25.5
17	25.5	24.5	25.0	27.5	27.0	27.0	---	---	---	25.0	24.0	24.5
18	25.0	24.5	24.5	27.5	27.0	27.5	---	---	---	24.5	23.5	24.0
19	25.0	24.5	25.0	27.5	27.0	27.5	---	---	---	27.0	23.5	25.0
20	25.0	25.0	25.0	28.0	27.0	27.5	---	---	---	28.5	24.5	26.5
21	25.0	25.0	25.0	28.0	27.5	27.5	---	---	---	29.0	25.5	27.0
22	26.0	25.0	25.5	27.5	27.5	27.5	---	---	---	28.0	25.0	26.0
23	26.0	25.5	25.5	27.5	27.0	27.5	---	---	---	28.0	24.5	26.0
24	26.0	25.5	26.0	27.5	27.0	27.5	---	---	---	28.5	25.5	27.0
25	26.5	25.5	26.0	27.5	27.0	27.5	---	---	---	28.5	26.5	27.0
26	26.5	25.5	26.0	28.0	27.5	28.0	---	---	---	26.5	23.5	25.0
27	---	---	---	28.5	27.5	28.0	---	---	---	23.5	22.5	23.0
28	---	---	---	28.5	27.5	28.0	---	---	---	24.5	21.5	23.0
29	---	---	---	28.5	27.5	28.0	---	---	---	25.0	23.0	24.0
30	---	---	---	28.0	27.0	27.5	---	---	---	24.0	20.5	23.5
31	---	---	---	28.5	27.0	27.5	---	---	---	---	---	---
MONTH	26.5	23.5	25.0	31.0	25.0	27.0	48.5	28.0	35.5	30.0	19.5	25.0
YEAR	52.0	6.5	33.5									

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, 31.4°C Sept. 7, 1982; minimum, 4.0°C Jan. 20, 1977.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.5°C July 19-21; minimum, 5.5°C Jan. 10.

TEMPERATURE (°C) OF WATER, 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	20.0	19.5	20.0	17.5	16.5	17.0	13.5	12.5	13.0	11.0	10.0	10.5
2	20.0	19.5	19.5	18.0	17.0	17.5	12.5	12.0	12.0	11.0	10.5	11.0
3	20.0	19.0	19.5	18.5	17.0	17.5	12.0	11.0	11.5	10.5	10.0	10.0
4	19.0	18.0	18.5	18.5	17.5	18.0	12.0	11.5	11.5	10.0	9.5	10.0
5	18.5	17.5	18.0	19.0	18.0	18.5	11.0	10.5	11.0	10.0	9.0	9.5
6	18.5	18.0	18.0	18.0	16.5	17.5	11.0	10.5	10.5	9.0	8.5	8.5
7	19.0	18.0	18.5	16.5	16.0	16.5	11.0	10.5	10.5	8.5	6.5	8.0
8	18.5	18.0	18.0	16.0	16.0	16.0	11.5	10.5	11.0	6.5	6.0	6.5
9	18.5	17.5	18.0	16.0	15.5	16.0	12.5	11.5	12.0	6.5	6.0	6.5
10	18.0	17.5	18.0	17.5	16.0	16.5	13.5	12.5	13.0	6.0	5.5	6.0
11	19.0	18.0	18.5	17.0	15.5	16.0	13.5	13.0	13.5	6.5	6.0	6.5
12	18.5	18.0	18.5	15.5	14.5	15.0	13.5	12.5	13.0	7.0	6.0	6.5
13	18.0	17.5	18.0	15.0	14.0	14.5	13.0	12.5	12.5	7.0	6.5	7.0
14	17.5	17.0	17.5	14.5	13.5	14.0	13.0	12.0	12.5	7.0	6.5	7.0
15	17.0	16.5	16.5	15.0	13.5	14.0	14.0	13.0	13.5	7.0	6.5	6.5
16	17.0	16.0	16.5	16.0	14.5	15.5	13.0	11.0	12.0	7.0	6.5	6.5
17	17.5	16.5	17.0	16.0	15.5	15.5	11.0	10.5	10.5	7.5	6.5	7.0
18	17.5	16.5	17.0	16.5	15.5	16.0	10.5	9.5	10.0	8.0	7.5	8.0
19	18.0	16.5	17.5	16.0	15.0	15.5	10.0	9.0	9.5	9.5	8.0	8.5
20	19.0	17.5	18.0	15.0	14.0	14.5	11.5	10.0	10.5	10.0	9.5	9.5
21	19.0	18.0	18.5	14.0	13.0	13.5	11.5	11.5	11.5	10.0	10.0	10.0
22	18.0	17.0	17.5	13.0	12.5	12.5	13.0	11.5	12.0	10.0	9.5	9.5
23	17.0	16.0	16.5	13.0	12.0	12.5	12.5	12.0	12.5	9.5	8.5	9.0
24	17.0	16.5	16.5	13.5	12.5	13.0	12.0	11.5	12.0	8.5	8.0	8.0
25	17.5	16.5	17.0	14.0	13.0	13.5	13.0	12.0	12.5	8.5	8.0	8.0
26	17.5	16.5	17.0	15.0	14.0	14.5	13.5	12.5	13.0	8.0	7.0	7.5
27	17.5	17.0	17.0	16.0	15.0	15.5	13.5	13.0	13.5	7.5	6.5	7.0
28	17.5	17.0	17.5	16.0	15.5	15.5	14.0	13.5	13.5	7.0	6.0	6.5
29	17.0	16.5	16.5	15.5	15.0	15.0	13.5	12.0	12.5	7.5	6.0	6.5
30	17.0	16.0	16.5	15.0	14.0	14.5	12.0	10.5	11.0	8.0	6.5	7.0
31	17.0	16.0	16.5	---	---	---	10.5	10.0	10.0	9.0	7.5	8.0
MONTH	20.0	16.0	17.5	19.0	12.0	15.5	14.0	9.0	12.0	11.0	5.5	8.0

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.5	9.0	9.5	12.0	10.0	11.0	17.0	16.0	16.5	18.5	17.0	18.0
2	11.5	10.0	10.5	12.5	10.5	11.5	17.5	16.0	16.5	19.0	17.5	18.0
3	12.0	11.0	11.5	12.5	11.5	11.5	17.5	15.5	16.5	19.0	17.5	18.5
4	12.5	12.0	12.0	13.0	11.5	12.0	18.0	16.5	17.5	19.5	18.0	19.0
5	12.0	10.5	11.0	13.0	12.0	12.5	18.5	16.0	17.5	19.5	18.5	19.0
6	10.5	9.0	10.0	13.0	12.0	12.5	17.5	16.5	17.0	19.5	18.0	18.5
7	9.0	8.5	9.0	13.5	11.5	12.5	16.5	15.0	16.0	19.5	18.0	19.0
8	8.5	8.0	8.0	14.0	12.0	13.0	17.0	15.0	16.0	20.0	18.0	19.0
9	8.5	7.5	8.0	14.0	13.0	13.5	17.5	15.5	16.5	20.5	18.5	19.5
10	9.0	7.5	8.0	14.0	13.0	13.5	17.5	15.5	16.5	21.0	19.5	20.0
11	9.0	8.0	8.5	13.0	12.0	12.5	17.0	16.0	16.5	22.0	19.5	20.5
12	9.0	8.5	9.0	13.5	12.5	13.0	16.5	15.5	16.0	22.0	20.5	21.5
13	8.5	7.5	8.0	14.0	12.5	13.0	16.5	15.0	15.5	21.5	20.5	20.5
14	8.5	7.5	8.0	14.0	13.0	13.5	17.0	15.0	16.0	21.0	19.5	20.5
15	8.5	8.0	8.5	13.0	11.5	12.0	17.0	15.5	16.5	22.0	20.0	21.0
16	9.0	7.5	8.5	12.5	11.0	11.5	18.0	16.0	17.0	22.5	21.0	22.0
17	9.0	8.0	8.5	11.5	10.5	11.0	18.5	16.0	17.5	21.5	21.0	21.5
18	9.0	8.5	8.5	11.0	10.0	10.5	18.5	17.5	18.0	22.0	20.5	21.5
19	9.5	9.0	9.0	11.5	10.5	11.0	19.5	18.0	18.5	23.0	21.0	22.0
20	9.5	9.0	9.5	12.5	10.0	11.0	19.0	17.5	18.5	22.5	21.0	22.0
21	9.5	9.0	9.0	13.5	11.0	12.0	19.5	18.0	18.5	22.5	20.5	21.5
22	9.5	8.5	9.0	14.0	12.0	13.0	20.5	18.5	19.5	23.0	21.0	22.0
23	10.5	9.0	9.5	14.5	13.0	14.0	20.0	19.0	19.5	23.5	21.5	22.5
24	11.0	10.0	10.5	15.5	13.5	14.5	20.5	18.5	19.5	24.0	22.0	23.0
25	10.0	9.0	9.5	15.5	14.0	15.0	20.0	19.0	19.5	23.5	22.5	23.0
26	10.5	9.0	9.5	16.0	14.5	15.5	19.0	18.5	19.0	23.0	21.5	22.5
27	11.0	9.0	10.0	17.0	15.5	16.0	19.5	18.5	19.0	22.5	21.0	22.0
28	11.0	10.0	10.5	16.5	14.5	15.5	19.5	18.5	19.0	22.0	20.5	21.5
29	11.0	9.5	10.5	17.0	15.0	16.0	19.0	17.5	18.5	23.0	21.0	22.0
30	---	---	---	17.0	15.5	16.5	18.5	17.5	18.0	23.5	21.5	22.5
31	---	---	---	17.5	15.5	16.5	---	---	---	23.5	21.5	22.5
MONTH	12.5	7.5	9.5	17.5	10.0	13.0	20.5	15.0	17.5	24.0	17.0	21.0

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

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'07'', long 81°31'00'', Barnwell County, Hydrologic Unit 03060106, on right wingwall of spillway culvert below Par Pond, 200 ft upstream of SRP Road B bridge, at Savannah River Plant.

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 Plant operations.

AVERAGE DISCHARGE.--9 years (1975-82, 1987-88), 32.0 ft^3/s, 12.45 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, 104 ft^3/s, June 30, gage height, 2.55 ft; minimum daily, 2.0 ft^3/s, Sept. 29, 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	38	31	36	35	37	35	34	35	16	91	37	48
2	37	31	35	38	35	35	34	34	16	80	39	48
3	36	31	35	39	32	35	33	33	16	74	42	47
4	34	31	37	40	34	35	34	32	16	71	44	49
5	34	32	35	40	35	35	34	34	14	67	47	53
6	33	31	35	40	35	35	35	32	12	63	50	55
7	33	30	36	41	33	35	37	31	10	60	54	53
8	31	30	36	42	34	35	35	29	15	59	56	51
9	30	30	37	41	33	35	34	28	20	57	58	72
10	30	33	37	41	34	39	33	29	26	56	57	71
11	30	34	37	41	34	37	33	32	25	56	55	68
12	30	32	37	39	36	37	39	31	23	57	55	64
13	30	32	37	39	36	37	40	30	22	55	57	55
14	27	31	37	39	34	39	38	29	20	53	62	47
15	27	31	38	39	35	35	37	30	19	52	66	41
16	27	31	38	39	36	35	36	30	18	51	67	36
17	27	36	37	40	35	34	34	29	17	50	68	30
18	27	40	37	42	35	34	34	29	21	49	69	25
19	27	39	37	43	38	35	43	27	28	47	73	18
20	28	40	37	45	39	35	41	25	29	45	66	11
21	29	36	38	44	41	35	39	24	30	44	60	6.4
22	27	35	40	41	38	35	38	23	31	43	57	3.2
23	26	35	40	40	39	35	39	22	32	47	54	2.5
24	27	36	39	40	39	36	43	23	33	47	50	2.2
25	27	36	40	42	38	36	42	23	34	45	46	2.4
26	28	36	40	42	36	36	43	22	40	43	43	2.4
27	30	37	41	39	37	37	41	19	68	40	42	2.4
28	31	38	40	38	35	35	40	18	68	40	44	2.1
29	30	38	39	38	35	36	38	17	74	39	47	2.0
30	30	37	35	37	---	35	37	19	86	40	48	2.0
31	30	---	35	37	---	35	---	18	---	40	48	---
TOTAL	931	1020	1158	1241	1038	1103	1118	837	879	1661	1661	969.6
MEAN	30.0	34.0	37.4	40.0	35.8	35.6	37.3	27.0	29.3	53.6	53.6	32.3
MAX	38	40	41	45	41	39	43	35	86	91	73	72
MIN	26	30	35	35	32	34	33	17	10	39	37	2.0

WTR YR 1988 TOTAL 13616.6 MEAN 37.2 MAX 91 MIN 2.0

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, 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, 31.5°C, July 30; minimum, 10.0°C, several days in Jan., Feb. 16.

TEMPERATURE (°C) OF WATER, 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	27.0	25.5	26.0	20.0	19.5	19.5	16.0	15.5	16.0	14.5	14.0	14.5
2	26.5	25.5	26.0	20.0	19.5	19.5	16.0	15.5	15.5	14.5	14.0	14.5
3	25.5	24.5	25.0	20.0	19.5	19.5	15.5	15.0	15.5	14.0	14.0	14.0
4	24.5	23.5	24.0	20.5	19.5	20.0	15.5	14.5	15.0	14.0	13.5	14.0
5	26.5	23.5	24.5	22.0	20.5	21.0	15.0	14.5	14.5	14.0	13.5	13.5
6	24.0	23.0	23.5	21.0	19.5	20.0	14.5	14.0	14.5	13.5	13.0	13.0
7	23.5	23.0	23.5	19.5	19.0	19.0	14.0	14.0	14.0	13.0	12.0	12.5
8	24.0	22.5	23.0	19.0	18.5	19.0	14.5	14.0	14.0	12.0	11.5	12.0
9	23.0	22.5	22.5	20.5	18.5	19.5	16.5	14.5	15.0	11.5	11.5	11.5
10	23.0	22.0	22.5	19.5	19.0	19.5	15.5	14.5	15.0	11.5	11.0	11.0
11	23.5	22.5	23.0	19.0	18.0	19.0	15.0	14.5	15.0	11.5	11.0	11.0
12	23.0	22.0	22.5	19.0	18.0	18.5	16.0	14.5	15.0	11.5	11.0	11.0
13	22.0	21.0	21.5	18.5	17.5	18.0	15.5	15.0	15.0	11.5	10.5	11.0
14	21.0	20.5	21.0	19.0	17.5	18.0	15.0	15.0	15.0	11.0	10.5	10.5
15	21.0	20.5	20.5	18.0	17.5	18.0	15.5	14.5	15.0	10.5	10.0	10.0
16	20.5	20.0	20.5	18.0	17.5	18.0	15.0	14.0	14.5	10.5	10.0	10.0
17	21.5	20.0	20.5	18.0	18.0	18.0	14.5	13.5	14.0	10.5	10.0	10.0
18	22.5	20.0	21.0	20.0	18.0	19.0	14.5	14.0	14.0	12.5	10.5	11.5
19	21.0	20.5	21.0	18.5	18.0	18.5	15.0	13.5	14.0	11.5	10.5	11.0
20	23.5	21.0	22.0	18.0	17.0	17.5	14.5	14.0	14.0	13.0	10.5	11.5
21	22.5	21.0	22.0	17.0	17.0	17.0	16.0	15.0	16.0	14.5	13.0	13.5
22	21.0	19.5	20.5	17.0	16.5	16.5	16.0	15.0	15.5	14.0	13.0	13.5
23	21.0	19.5	20.0	17.0	16.0	16.5	15.5	14.5	15.0	12.5	12.0	12.0
24	20.5	20.0	20.0	17.0	16.0	16.5	15.0	14.5	15.0	12.0	11.0	11.5
25	21.0	20.0	20.5	17.5	16.5	17.0	15.5	14.5	15.0	13.0	11.5	12.0
26	20.0	19.5	19.5	18.5	17.0	17.5	16.0	15.5	15.5	12.5	11.0	12.0
27	20.0	19.5	19.5	18.5	18.0	18.0	16.5	15.5	16.0	11.0	10.5	11.0
28	19.5	19.0	19.5	18.5	18.0	18.0	17.5	16.5	17.0	11.0	10.5	10.5
29	20.5	19.0	19.5	18.0	17.5	18.0	17.5	15.0	16.0	11.0	10.0	10.5
30	21.0	19.0	19.5	17.5	16.5	17.0	15.0	14.5	14.5	10.5	10.0	10.5
31	21.0	18.5	19.5	---	---	---	14.5	14.0	14.5	11.0	10.5	10.5
MONTH	27.0	18.5	21.5	22.0	16.0	18.5	17.5	13.5	15.0	14.5	10.0	12.0

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	11.0	10.5	11.0	14.5	13.0	13.5	19.5	18.5	19.0	20.5	20.0	20.0
2	12.5	11.0	11.5	14.5	13.5	14.0	20.0	19.0	19.5	22.5	20.0	21.0
3	14.0	11.5	12.5	14.0	13.5	14.0	20.0	19.0	19.5	21.0	20.5	21.0
4	13.0	11.5	12.0	14.5	13.5	14.0	23.5	19.5	21.0	20.5	20.5	20.5
5	12.5	12.0	12.0	16.0	14.0	15.5	23.5	21.5	22.5	21.0	20.5	20.5
6	12.0	11.5	11.5	16.5	15.0	15.5	23.0	20.5	22.0	21.0	20.0	20.5
7	11.0	11.0	11.0	18.0	15.0	16.5	20.5	19.5	20.0	22.0	20.0	21.0
8	11.0	10.5	10.5	17.0	14.5	15.5	20.5	19.0	19.5	21.5	20.5	21.0
9	11.5	10.5	11.0	16.5	14.5	15.5	21.0	19.5	20.5	21.5	20.5	21.0
10	12.0	11.0	11.5	16.5	16.0	16.5	23.0	20.0	21.0	22.5	20.5	21.5
11	12.0	11.5	11.5	16.5	16.0	16.5	20.5	18.5	20.0	24.0	21.5	23.0
12	12.0	10.5	11.5	16.5	16.0	16.0	19.5	19.0	19.0	23.0	22.0	22.5
13	11.0	10.5	10.5	18.5	16.0	17.0	19.5	18.5	19.0	22.5	22.5	22.5
14	11.0	10.5	10.5	18.0	16.0	17.0	20.5	18.5	19.5	24.5	22.5	23.0
15	10.5	10.5	10.5	16.0	15.5	16.0	20.0	18.5	19.5	27.0	22.5	24.0
16	12.0	10.0	11.0	16.5	15.0	15.5	20.5	19.0	19.5	25.5	23.5	24.5
17	13.0	11.0	12.0	17.0	15.5	16.0	20.5	19.0	20.0	24.5	23.5	24.0
18	13.0	12.0	12.0	15.5	15.5	15.5	20.0	19.5	19.5	26.0	23.5	24.5
19	13.0	11.0	11.5	15.5	15.0	15.5	20.0	18.5	19.5	25.0	24.0	24.5
20	13.5	12.5	13.0	15.5	15.0	15.5	19.5	19.0	19.5	25.5	24.0	25.0
21	12.5	12.0	12.5	16.0	15.0	15.5	20.5	19.0	20.0	28.0	24.5	25.5
22	12.0	11.5	12.0	16.0	15.0	15.5	21.0	20.0	20.5	25.0	24.5	24.5
23	12.0	11.5	12.0	16.5	16.0	16.5	21.0	20.5	20.5	26.0	24.5	25.0
24	13.5	12.0	13.0	16.5	16.0	16.5	21.5	20.5	21.0	25.5	24.5	25.0
25	13.0	12.5	13.0	16.5	15.5	16.0	21.0	20.5	20.5	25.5	24.0	24.5
26	13.5	12.5	13.0	18.0	15.5	17.0	21.0	20.0	20.5	24.5	23.5	24.0
27	13.5	12.5	13.0	19.5	17.5	18.5	21.5	20.5	21.0	24.0	23.0	23.5
28	13.5	13.0	13.5	19.0	18.0	18.5	21.0	20.5	20.5	25.0	23.0	24.0
29	14.0	12.5	13.0	18.5	18.0	18.5	20.5	20.0	20.5	27.5	23.5	25.0
30	---	---	---	22.0	18.0	19.0	20.5	20.0	20.0	26.0	23.5	24.5
31	---	---	---	20.0	18.5	19.5	---	---	---	27.0	23.5	25.0
MONTH	14.0	10.0	12.0	22.0	13.0	16.0	23.5	18.5	20.0	28.0	20.0	23.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	24.5	25.5	26.5	25.5	26.0	30.0	29.0	29.5	26.5	26.0	26.5
2	27.5	25.0	26.5	25.5	25.0	25.5	30.5	28.5	29.5	26.5	26.5	26.5
3	27.0	25.5	26.5	25.0	25.0	25.0	31.0	29.0	29.5	26.5	26.5	26.5
4	25.0	24.0	25.0	25.5	25.0	25.0	29.5	29.0	29.5	27.0	26.0	26.5
5	24.5	23.5	24.0	25.5	25.0	25.0	30.0	29.0	29.5	26.0	25.5	25.5
6	27.5	23.5	25.5	25.5	25.0	25.0	29.5	28.0	29.0	25.5	25.5	25.5
7	27.5	25.0	26.0	26.0	25.0	25.5	28.5	28.0	28.0	26.0	25.0	25.5
8	28.0	25.5	26.0	27.0	25.0	26.0	28.0	27.5	28.0	25.5	24.5	25.0
9	26.5	25.0	25.5	27.0	25.0	26.0	28.5	27.5	28.0	24.0	23.5	24.0
10	25.5	24.5	25.0	27.5	25.5	26.5	28.0	27.5	27.5	24.5	23.5	24.0
11	25.5	24.0	24.5	27.0	26.0	26.5	28.0	27.5	27.5	25.5	24.0	24.5
12	25.5	24.0	25.0	26.5	26.0	26.0	28.0	27.5	27.5	25.0	24.5	24.5
13	26.0	24.0	25.0	27.5	26.0	26.5	28.5	27.5	28.0	28.0	25.0	26.0
14	26.0	24.5	25.0	28.0	27.0	27.5	28.5	28.0	28.0	28.5	26.0	27.0
15	27.0	24.5	25.5	30.0	27.5	28.5	28.5	27.5	28.0	28.0	26.0	26.5
16	29.0	25.0	26.5	29.5	28.0	28.5	28.0	27.0	27.5	26.5	26.0	26.0
17	28.0	25.0	26.5	30.0	28.0	29.0	29.5	27.5	28.0	26.0	25.5	26.0
18	27.0	25.5	26.5	30.5	28.5	29.5	30.0	27.5	29.0	25.5	25.5	25.5
19	28.0	26.0	27.0	30.5	28.5	29.0	29.5	28.5	29.0	26.5	25.0	25.5
20	28.0	26.0	27.0	29.5	28.0	29.0	29.0	28.0	28.5	28.5	25.5	26.5
21	29.0	26.5	27.5	30.5	28.0	29.5	28.5	27.0	27.5	28.0	26.0	27.0
22	30.0	27.0	28.5	30.0	29.0	29.5	28.0	27.5	28.0	27.5	24.0	26.0
23	30.0	27.5	28.5	29.0	28.5	29.0	28.0	27.5	27.5	24.5	20.0	23.0
24	31.0	28.5	29.5	31.0	28.5	29.5	28.0	27.0	27.5	22.5	18.0	19.5
25	29.0	28.5	28.5	30.0	28.5	29.0	29.0	27.0	28.0	23.0	18.5	19.0
26	30.5	28.0	29.0	29.5	28.5	29.0	30.0	28.5	29.0	22.0	18.5	20.0
27	27.5	26.5	27.0	29.5	28.5	29.0	28.5	28.0	28.5	21.5	18.0	19.0
28	27.5	26.0	26.5	30.5	28.5	29.5	28.0	26.5	27.5	21.0	17.5	19.0
29	28.0	26.0	27.0	30.5	29.0	29.5	28.0	26.5	27.5	20.5	18.0	19.0
30	26.5	26.0	26.0	31.5	29.0	30.0	28.5	27.0	27.5	20.0	18.5	19.0
31	---	---	---	30.5	29.0	30.0	27.0	26.5	27.0	---	---	---
MONTH	31.0	23.5	26.5	31.5	25.0	27.5	31.0	26.5	28.0	28.5	17.5	24.0
YEAR	31.5	10.0	20.5									

02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35'', long 81°28' 50'', Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--14 years, 80.0 ft^3/s, 18.32 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, 242 ft^3/s, Sept. 9, gage height, 3.01 ft; minimum daily, 20 ft^3/s, June 6, 7.

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	59	48	62	54	62	60	54	53	23	122	41	74
2	55	51	58	68	61	59	53	49	22	110	43	70
3	51	52	55	87	57	58	52	48	22	98	50	70
4	48	54	55	87	59	70	52	45	21	91	50	70
5	46	55	55	72	62	70	52	49	21	84	54	82
6	45	55	54	66	58	64	54	46	20	77	58	76
7	44	53	52	66	56	61	70	43	20	72	68	69
8	43	52	53	79	56	59	57	40	41	68	71	66
9	42	53	54	76	56	63	53	38	33	65	73	186
10	42	54	55	78	55	87	50	37	66	63	74	147
11	42	61	56	78	56	86	50	51	39	63	75	109
12	44	57	55	75	59	72	76	44	31	72	79	95
13	44	56	54	73	59	69	95	41	29	65	75	84
14	40	54	54	72	57	67	69	41	27	61	81	68
15	38	54	58	69	58	65	61	39	25	60	90	55
16	37	55	62	67	62	62	56	38	24	57	93	46
17	37	69	57	70	60	60	52	37	23	56	95	42
18	37	104	55	86	60	60	54	36	22	54	95	47
19	37	79	55	84	71	65	134	34	23	51	98	36
20	38	73	56	89	95	62	87	32	25	48	99	31
21	40	68	58	94	91	59	67	30	26	47	92	27
22	40	62	65	81	79	58	61	30	27	48	93	24
23	40	61	65	74	74	58	68	29	28	56	96	22
24	40	61	62	71	72	59	111	28	28	55	103	21
25	40	61	62	74	70	59	79	28	30	52	75	21
26	42	60	62	79	68	61	100	28	37	49	65	33
27	51	64	62	72	66	61	77	27	122	46	61	30
28	54	67	65	67	63	59	66	26	100	49	71	27
29	50	66	65	66	61	57	60	25	84	44	86	25
30	48	65	57	64	---	56	55	24	96	47	77	24
31	48	---	54	63	---	55	---	24	---	49	79	---
TOTAL	1362	1824	1792	2301	1863	1961	2025	1140	1135	1979	2360	1777
MEAN	43.9	60.8	57.8	74.2	64.2	63.3	67.5	36.8	37.8	63.8	76.1	59.2
MAX	59	104	65	94	95	87	134	53	122	122	103	186
MIN	37	48	52	54	55	55	50	24	20	44	41	21

CAL YR 1987 TOTAL 25389 MEAN 69.6 MAX 282 MIN 19
WTR YR 1988 TOTAL 21519 MEAN 58.8 MAX 186 MIN 20

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.--No estimated daily discharges. Records good. Flow regulated by Thurmond Lake (see 02194500).

AVERAGE DISCHARGE.--37 years, 10,256 ft^3/s, 16.10 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, 11,900 ft^3/s, Oct. 2, gage height, 10.80 ft; minimum daily, 4,000 ft^3/s, July 21.

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	11300	6410	6250	6690	6330	5440	5630	5690	4720	4670	4650	4730
2	11800	5990	5800	6620	6110	5550	5620	5460	4670	5030	4530	4920
3	10500	6040	6110	6510	5970	5760	5820	5260	4710	5490	4360	5060
4	9080	6480	6440	6600	5960	5840	5620	5240	4720	5150	4260	4770
5	7400	6700	6220	6460	6630	5900	5400	5240	4690	4830	4340	4760
6	6750	6530	6080	6540	9520	5930	5550	5220	4650	4660	4610	5030
7	7670	6130	5960	7070	10900	5820	5700	5130	4590	4680	4750	5180
8	8270	6500	5670	6960	8470	5640	5610	5090	4570	4670	4670	5300
9	7870	6110	5500	6660	6660	5700	5540	5120	4800	4560	4360	5850
10	7660	5840	5650	6460	5850	6810	5410	5050	5160	4510	4220	8110
11	7460	6000	6010	6230	5960	7370	5220	5070	5530	4390	4340	9730
12	6520	6470	6390	6150	6170	7610	5510	5060	5720	4330	4520	8480
13	6150	7680	6560	6580	6120	7340	5980	4920	5380	4360	4590	6840
14	7110	8840	5960	6490	6800	6470	6390	4890	4990	4320	4560	6080
15	8340	7600	5470	6190	6050	6030	6290	4830	4810	4350	4360	5430
16	8630	6350	5490	6120	5400	5950	5810	4840	4590	4410	4240	5210
17	8010	5680	6010	6150	5430	6870	5430	4860	4510	4390	4210	5350
18	7430	5900	6760	5980	5710	6560	5140	4870	4680	4320	4270	5410
19	6750	7520	7620	6060	6380	6130	5390	4860	4820	4170	4260	5350
20	6060	7500	7610	6500	7250	5990	5830	4850	4750	4040	4540	5160
21	6170	6530	6240	7040	7380	5690	5870	4920	4590	4000	4590	4950
22	5910	6980	5600	7440	6740	5580	5720	4940	4540	4100	4590	4900
23	5400	6790	5480	7490	6190	5530	5740	4780	5440	4490	4730	4820
24	6650	5980	5730	7150	6000	5920	6020	4790	5450	4800	4650	4670
25	7070	5650	6040	6350	5940	6140	6560	4900	4810	4820	4600	4620
26	6120	5940	6210	5950	5880	6080	6800	5010	4600	4590	4590	4810
27	5770	6240	6360	5890	5820	5920	7310	4930	4760	4300	4510	4850
28	6360	6570	6270	6070	5740	5970	7220	4830	4950	4180	4440	4700
29	7580	7490	5910	6170	5630	5900	6460	4760	4860	4200	4480	4570
30	7550	7430	5870	6330	---	5730	6000	4720	4630	4310	4600	4440
31	7020	---	6360	6650	---	5600	---	4680	---	4700	4570	---
TOTAL	232360	197870	189630	201550	188990	188770	176590	154810	145690	139820	138990	164080
MEAN	7495	6596	6117	6502	6517	6089	5886	4994	4856	4510	4484	5469
MAX	11800	8840	7620	7490	10900	7610	7310	5690	5720	5490	4750	9730
MIN	5400	5650	5470	5890	5400	5440	5140	4680	4510	4000	4210	4440

CAL YR 1987 TOTAL 3268700 MEAN 8955 MAX 27500 MIN 4300
WTR YR 1988 TOTAL 2119150 MEAN 5790 MAX 11800 MIN 4000

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 2253970 MEAN 6175 MAX 13800

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. 2-7, which are fair. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--55 years, 11,774 ft^3/s, 16.24 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, 11,400 ft^3/s, Oct. 4, gage height, 8.93 ft; minimum daily, 4,400 ft^3/s, July 22.

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	9630	7390	7900	6760	7470	6580	6360	7660	5020	4860	4810	5000
2	10600	6890	7150	7170	7340	6400	6320	7260	4970	4790	4880	5170
3	11300	6430	6450	7310	7050	6380	6310	7120	4910	4860	4840	5310
4	11300	6330	6480	7290	6920	6570	6400	6870	4860	5240	4760	5020
5	10400	6500	6810	7280	6830	6700	6350	6600	4820	5190	4690	5010
6	8790	6780	6790	7240	7240	6760	6140	6350	4760	4910	4720	5280
7	7560	6770	6600	7260	9040	6800	6140	6180	4720	4740	4840	5430
8	7780	6480	6440	7690	10500	6750	6260	6000	4680	4700	4960	5730
9	8380	6560	6180	7840	10200	6670	6210	5940	4650	4710	4960	6040
10	8320	6530	5970	7630	8350	6840	6100	5910	4700	4650	4820	6640
11	8040	6230	5980	7410	7050	7660	6000	5860	4960	4650	4720	8350
12	7850	6220	6240	7220	6760	8450	5850	5800	5310	4630	4760	10000
13	7160	6570	6600	7090	6920	8730	5960	5770	5540	4570	4840	10100
14	6660	7430	6880	7340	6980	8690	6360	5750	5520	4570	4900	8880
15	7090	8560	6600	7440	7450	7980	6830	5720	5340	4570	4910	7720
16	8150	8240	6070	7190	7270	7340	6940	5640	5070	4570	4830	6900
17	8700	7140	5950	7020	6600	7060	6610	5590	4890	4600	4750	6500
18	8470	6340	6220	7010	6350	7510	6210	5540	4700	4610	4730	6830
19	7880	6220	6900	6920	6620	7660	6080	5500	4660	4580	4750	7070
20	7270	7280	7650	6900	7260	7250	6150	5470	4690	4510	4760	7190
21	6610	7800	8030	7220	8160	7020	6520	5430	4680	4430	4870	6940
22	6430	7230	7180	7690	8530	6730	6750	5410	4640	4400	4970	6500
23	6300	7220	6300	8130	8220	6510	6790	5390	4580	4460	4980	6150
24	5940	7270	6000	8320	7630	6380	6850	5370	4930	4650	5060	5880
25	6490	6680	6120	8230	7260	6590	7090	5360	5290	4850	5090	5680
26	7140	6210	6450	7590	7110	6850	7670	5300	5190	4930	5060	5720
27	6720	6300	6700	7050	6970	6860	8050	5270	5040	4850	5040	5970
28	6210	6630	6900	6850	6830	6720	8480	5210	4880	4700	5040	6310
29	6440	6970	6890	6950	6730	6700	8800	5220	4860	4600	4960	6260
30	7350	7640	6560	7090	---	6670	8390	5160	4890	4580	4910	6010
31	7740	---	6390	7220	---	6510	---	5090	---	4620	5030	---
TOTAL	244700	206840	205380	227350	217640	218320	200970	180740	147750	145580	151240	195590
MEAN	7894	6895	6625	7334	7505	7043	6699	5830	4925	4696	4879	6520
MAX	11300	8560	8030	8320	10500	8730	8800	7660	5540	5240	5090	10100
MIN	5940	6210	5950	6760	6350	6380	5850	5090	4580	4400	4690	5000

CAL YR 1987 TOTAL 3680510 MEAN 10080 MAX 29700 MIN 5420
WTR YR 1988 TOTAL 2342100 MEAN 6399 MAX 11300 MIN 4400

REVISION.--The Calendar Year Summary in the SC-87-1 are revised as follows: CAL YR 1986 TOTAL 2488650 MEAN 6818 MAX 14700

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SPE-CIFIC CON-DUC-TANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT											
13...	0700	7310	87	7.20	17.0	7.0	762	8.6	89	--	--
NOV											
09...	0720	6510	100	7.10	16.5	5.0	767	7.8	79	--	--
DEC											
08...	0925	7500	87	6.90	11.0	6.0	769	8.7	78	--	--
15...	1720	6440	95	7.10	14.5	4.1	755	9.4	93	460	450
JAN											
05...	0720	--	105	6.60	9.5	6.0	772	9.8	85	--	--
FEB											
09...	0810	--	83	7.20	9.0	20	769	10.5	90	--	--
29...	1700	6680	103	7.10	12.0	4.3	762	9.7	90	300	100
MAR											
08...	0845	--	99	7.20	14.5	10	770	9.0	87	--	--
APR											
12...	0625	--	107	7.30	17.0	10	752	8.1	85	--	--
MAY											
05...	0540	--	95	7.20	18.5	17	763	7.4	79	--	--
JUN											
02...	1000	4980	118	7.40	25.0	8.4	757	7.4	90	K44	340
AUG											
23...	1830	5000	115	7.40	28.5	4.0	760	6.3	82	K78	510

DATE	HARD-NESS (MG/L AS CACO3)	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT											
13...	--	--	--	--	--	--	--	--	22	--	--
NOV											
09...	--	--	--	--	--	--	--	--	25	--	--
DEC											
08...	--	--	--	--	--	--	--	--	23	--	--
15...	19	0	5.4	1.4	11	52	1	2.1	24	9.8	9.3
JAN											
05...	--	--	--	--	--	--	--	--	24	--	--
FEB											
09...	--	--	--	--	--	--	--	--	22	--	--
29...	19	0	5.6	1.3	12	55	1	1.8	23	14	8.4
MAR											
08...	--	--	--	--	--	--	--	--	24	--	--
APR											
12...	--	--	--	--	--	--	--	--	27	--	--
MAY											
05...	--	--	--	--	--	--	--	--	20	--	--
JUN											
02...	20	0	5.7	1.5	16	61	2	1.8	29	14	9.9
AUG											
23...	19	0	5.0	1.5	16	62	2	2.0	27	14	11

DATE	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)	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)
DEC											
15...	.100	.080	.25	30	<1	35	<.5	<1	<1	<3	1
FEB											
29...	.050	.040	.12	70	<1	40	<.5	2	<1	<3	2
JUN											
02...	.080	.030	.09	60	<1	68	<.5	<1	<1	<3	2
AUG											
23...	.100	.070	.21	<10	1	100	<.5	<1	<1	<3	<1

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988--Continued

DATE	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)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, NH4, WATER, DIS., (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	PHOSPHOROUS TOTAL (MG/L AS P)
OCT											
13...	--	--	--	--	--	--	--	--	--	--	.090
NOV											
09...	--	--	--	--	--	--	--	--	--	--	.090
DEC											
08...	--	--	--	--	--	--	--	--	--	--	.110
15...	.20	8.9	65	63	.09	1130	.20	.030	.04	2.5	.120
JAN											
05...	--	--	--	--	--	--	--	--	--	--	.080
FEB											
09...	--	--	--	--	--	--	--	--	--	--	.110
29...	.10	7.6	65	65	.09	1170	.26	.160	.21	.40	.070
MAR											
08...	--	--	--	--	--	--	--	--	--	--	.070
APR											
12...	--	--	--	--	--	--	--	--	--	--	.090
MAY											
05...	--	--	--	--	--	--	--	--	--	--	.140
JUN											
02...	.30	8.0	78	75	.11	1050	.39	.020	.03	.50	.090
AUG											
23...	.10	8.4	73	75	.10	985	.35	<.010	--	.50	.130

DATE	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)	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)
DEC											
15...	110	<5	<4	10	<.1	<10	2	<1	1	32	<6
FEB											
29...	250	<5	<4	18	<.1	<10	8	<1	<1	31	<6
JUN											
02...	190	<5	<4	10	<.1	<10	3	<1	<1	34	<6
AUG											
23...	41	<5	<4	15	.1	<10	<1	<1	<1	31	<6

DATE	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)
DEC											
15...	10	9	156	100	<.4	.5	2.7	.9	2.4	.8	.04
FEB											
29...	13	15	271	84	--	--	--	--	--	--	--
JUN											
02...	34	17	229	100	<.4	<.4	2.1	.6	1.8	.6	.04
AUG											
23...	30	8	108	100	--	--	--	--	--	--	--

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 elevation, 12.81 ft, Mar. 15, 1987; minimum, 2.34 ft, July 22, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 8.60 ft, Oct. 4, minimum, 2.34 ft, July 22.

ELEVATION (FEET NGVD) WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.72	6.64	6.98	5.52	7.04	5.52	6.54	4.56	6.61	5.06	6.35	4.85
2	8.13	6.93	6.94	5.34	6.87	5.36	6.60	4.84	6.67	5.22	6.50	4.76
3	8.31	7.42	6.92	5.07	6.64	4.82	7.06	5.25	6.52	4.98	6.31	4.60
4	8.60	7.74	6.85	4.85	6.09	4.54	6.95	5.37	6.57	4.96	6.40	4.66
5	8.57	7.76	6.95	4.94	6.52	4.60	6.64	5.21	6.46	4.82	6.50	4.74
6	8.37	6.98	7.04	5.03	6.62	4.89	6.63	5.21	6.37	4.91	6.50	4.98
7	7.73	5.78	6.90	5.11	6.53	4.79	6.80	5.27	7.02	5.51	6.50	4.96
8	7.06	5.54	6.63	4.90	6.51	4.71	6.73	5.34	7.71	6.76	6.49	4.84
9	7.25	5.80	6.40	4.74	6.17	4.48	6.76	5.56	7.93	7.18	6.36	4.81
10	7.30	6.06	6.28	4.77	5.93	4.21	6.77	5.53	7.71	6.17	6.18	4.78
11	7.17	5.91	5.66	4.40	5.82	4.03	6.57	5.35	6.97	5.11	---	---
12	7.13	5.78	6.01	4.35	5.54	4.18	6.48	5.16	6.45	4.62	---	---
13	6.88	5.50	6.30	4.57	5.97	4.46	6.43	5.00	5.74	4.55	---	---
14	6.58	5.13	6.58	4.93	6.14	4.80	6.33	4.95	6.51	4.74	---	---
15	6.57	5.09	7.07	5.49	6.24	4.67	6.93	5.19	6.92	4.90	---	---
16	7.08	5.41	7.15	6.14	5.49	4.20	7.07	5.26	6.73	5.21	---	---
17	7.35	6.05	7.06	5.68	5.59	3.93	7.08	5.12	6.79	4.84	---	---
18	7.34	6.25	6.54	4.87	6.29	3.97	6.97	5.05	6.72	4.62	---	---
19	7.22	5.99	6.46	4.57	6.71	4.53	7.13	5.09	6.97	4.96	---	---
20	7.15	5.68	6.78	4.78	7.01	5.08	7.02	5.08	6.97	5.24	---	---
21	6.80	5.06	7.12	5.36	7.22	5.59	7.03	5.12	7.17	5.83	---	---
22	6.82	4.84	7.21	5.55	7.26	5.50	6.97	5.39	7.32	6.25	---	---
23	6.78	4.90	7.12	5.29	6.87	4.85	7.01	5.65	7.45	6.10	6.50	4.65
24	6.77	4.65	7.07	5.36	6.58	4.48	7.14	5.91	7.14	5.63	6.13	4.44
25	6.65	4.46	6.80	5.02	6.42	4.33	7.22	5.89	6.56	5.39	5.92	4.49
26	7.18	5.09	6.54	4.62	6.21	4.48	6.66	5.28	6.40	5.30	5.99	4.62
27	6.95	5.21	6.47	4.53	6.25	4.63	6.41	4.96	6.54	5.13	5.88	4.74
28	6.56	4.68	6.62	4.75	6.55	4.78	6.30	4.86	6.51	4.91	6.08	4.70
29	6.50	4.50	6.66	4.99	6.19	4.82	6.21	4.69	6.59	4.98	6.17	4.71
30	6.73	4.83	6.79	5.15	6.59	4.75	6.35	4.78	---	---	6.17	4.74
31	6.93	5.39	---	---	6.51	4.60	6.45	4.87	---	---	6.23	4.66
MONTH	8.60	4.46	7.21	4.35	7.26	3.93	7.22	4.56	7.93	4.55	---	---

02198760 SAVANNAH RIVER ABOVE HARDEEVILLE, SC--Continued

ELEVATION (FEET NGVD) 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	6.27	4.54	7.44	6.07	6.13	3.20	6.15	3.39	6.00	3.15	6.21	3.73
2	6.28	4.47	7.44	5.55	6.08	3.17	6.31	3.26	5.91	3.26	6.07	3.66
3	6.41	4.48	7.16	5.27	6.14	3.25	6.24	3.50	5.99	3.24	6.00	3.61
4	6.43	4.53	6.98	5.02	6.34	3.49	6.16	3.83	5.88	3.19	5.86	3.75
5	6.42	4.51	6.83	4.72	6.23	3.35	6.27	4.02	5.75	2.92	5.71	3.82
6	6.40	4.34	6.55	4.56	5.93	3.28	6.08	3.74	5.59	2.77	5.72	3.90
7	5.61	4.08	6.37	4.47	5.76	3.20	5.90	3.38	5.60	2.80	6.48	4.02
8	5.96	4.43	6.39	4.40	5.86	3.11	5.80	3.07	5.74	3.00	6.36	4.24
9	6.36	4.49	6.42	4.39	5.64	2.97	5.69	3.00	5.78	3.12	6.62	4.72
10	6.34	4.51	6.23	4.20	5.94	2.95	5.72	2.87	5.60	2.95	6.82	5.08
11	6.46	4.44	6.16	4.00	6.28	3.43	5.66	2.83	5.66	2.84	7.46	5.57
12	6.23	4.32	6.28	3.94	6.35	3.77	5.49	2.71	5.65	2.89	7.98	6.67
13	---	---	6.32	3.88	6.38	4.04	5.56	2.65	5.73	3.01	8.08	7.33
14	---	---	6.31	3.79	6.35	3.95	5.57	2.63	5.74	3.15	8.04	6.75
15	---	---	6.37	3.70	6.20	3.61	5.53	2.68	5.58	3.05	7.51	5.96
16	---	---	6.37	3.65	6.02	3.39	5.49	2.70	5.39	2.97	7.04	5.51
17	---	---	6.25	3.64	5.95	3.20	5.24	2.75	5.11	2.88	6.51	5.03
18	---	---	6.22	3.57	5.69	3.00	5.19	2.74	4.90	2.77	6.40	4.89
19	6.50	4.34	6.07	3.60	5.51	3.07	5.07	2.73	4.93	2.69	6.69	5.12
20	6.31	4.50	5.94	3.54	5.40	3.20	4.80	2.67	4.89	2.71	6.89	5.30
21	6.47	4.71	5.73	3.54	5.39	3.22	4.69	2.53	5.27	2.73	6.85	5.20
22	6.25	4.88	5.65	3.52	5.30	3.14	4.82	2.34	5.83	3.07	7.01	5.08
23	6.31	4.98	5.42	3.52	5.28	2.94	4.69	2.35	6.04	3.25	6.92	4.87
24	6.37	5.02	4.99	3.31	5.56	3.06	5.22	2.50	6.07	3.28	6.73	4.60
25	---	---	5.37	3.24	6.11	3.64	5.67	2.82	6.16	3.34	6.62	4.32
26	---	---	5.80	3.40	6.02	3.58	5.95	3.08	6.22	3.28	6.69	4.41
27	---	---	5.96	3.59	6.02	3.10	6.17	3.05	6.26	3.31	6.87	4.55
28	---	---	5.96	3.44	6.24	3.28	6.13	2.94	6.59	3.67	6.96	4.79
29	---	---	6.05	3.30	6.26	3.35	6.10	2.85	6.19	3.46	7.07	4.99
30	---	---	6.10	3.30	6.26	3.37	6.12	2.89	5.99	3.36	6.77	4.77
31	---	---	6.12	3.23	---	---	6.08	2.99	6.14	3.52	---	---
MONTH	---	---	7.44	3.23	6.38	2.94	6.31	2.34	6.59	2.69	8.08	3.61

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 1987 TO SEPTEMBER 1988

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, 1987	220.5	1300		97.1	8881		96.5	1149		96.9	5847	
Oct. 31, 1987	220.7	1320	7.5	96.6	8634	-92.2	97.2	1240	34.0	96.6	5683	-61.2
Nov. 30, 1987	221.0	1349	11.2	98.2	9438	310.2	95.5	1024	-83.3	97.1	5957	105.7
Dec. 31, 1987	221.0	1349	0	97.0	8832	-226.2	94.4	892	-49.3	97.3	6068	41.4
Cal. Yr. 1987			0.3			-3.1			6.1			1.8
Jan. 31, 1988	221.0	1349	0	97.1	8881	18.3	97.4	1267	140.0	96.8	5792	-103.0
Feb. 29, 1988	220.8	1329	-8.0	97.0	8832	-19.6	94.8	939	-130.9	97.0	5902	43.9
Mar. 31, 1988	220.7	1320	-3.4	97.2	8931	37.0	96.9	1201	97.8	96.7	5738	-61.2
Apr. 30, 1988	220.6	1310	-3.9	97.0	8832	-38.2	96.7	1175	-10.0	97.0	5902	63.3
May. 31, 1988	220.4	1290	-7.5	96.9	8782	-18.7	98.5	1416	90.0	96.8	5792	-41.1
June 30, 1988	220.1	1261	-11.2	96.2	8437	-133.1	98.3	1388	-10.8	97.4	6124	128.1
July 31, 1988	220.2	1271	3.7	97.1	8881	165.8	97.7	1307	-30.2	97.7	6292	62.7
Aug. 31, 1988	220.9	1339	25.4	97.2	8931	18.7	96.9	1201	-39.6	97.7	6292	0
Sept. 30, 1988	220.8	1329	-3.9	96.9	8782	-57.5	96.6	1162	-15.0	97.0	5902	-150.5
WTR YR 1988			0.9			-3.1			0.4			1.7

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 1988 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	1975-88	6-9-88	5.33	95
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	1975-88	B	<2.42	(+)
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	1975-88	5-6-88	5.04	(+)
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	1968-88	8-30-88	5.04	230
02131460	Neds Creek nr Kershaw, SC	Lat 34°32'39'', long 80°37'39'', Kershaw County, on upstream side of concrete pipe culvert on State Highway 413, 1.0 mi upstream from Little Lynches River, and 3.2 mi east of Kershaw.	3.98	1975-88	B	A	(+)
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	1942-71♦ 1972-88	10-29-87	12.38	2450
02131990	Carter Creek at Effingham, SC	Lat 34°03'51'', long 79°46'03'', Florence County, on upstream side of culvert on U.S. Highway 301, 0.8 mi northwest of Effingham, and 0.9 mi upstream from Lynches River.	8.28	1974-88	3-11-88	3.74	101
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	1974-88	3-11-88	5.53	304
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	1939-71♦ 1972-88	1-28-88	8.51	1220
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	1974-88	9-2-88	13.89	(+)
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	1974-88	3-10-88	5.83	188
		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	1975-88	B	A	(+)
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	1975-88	B	A	(+)

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1988 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum Probable date	Gage Height (ft)	Dis-Charge (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.	774.7	1966-70 1970-88	B	A	(+)
02157500	Middle Tyger River at Lyman, SC	Lat 34°56'35'', long 82°08'00'', Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman.	68.3	1937-68 1970-88	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	1966-88	12-28-87	4.78	430
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 1972-88	1-22-88	4.05	1135
02160130	Enoree River nr Travelers Rest, SC	Lat 34°59'21'', long 82° '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	1974-88	1-20-88	4.36	148
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	1929-76 1977-88	1-22-88	3.58	2170
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	1975-88	1-20-88	3.58	63
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	1941-88	8-5-88	5.47	2235
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♦ 1987-88	8-5-88	4.92	340
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 1972-88	1-20-88	4.26	3240
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	1975-88	9-9-88	3.12	24
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	1974-88	6-19-88	2.87	22
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	1974-88	B	A	(+)
02169540	Savanna Branch nr Cayce, SC	Lat 33°55'47'', long 81°07'05'', Lexington County, on upstream side of culvert on State Highway 215, 0.75 mi upstream from Congaree Creek and 3.9 mi southwest of Cayce.	7.15	1974-88	8-28-88	2.50	(+)
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♦ 1987-88	11-17-87	3.98	132
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	1975-88	B	A	(+)

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1988 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)
		Edisto River Basin					
02172500	South Fork Edisto River nr Montmorenci, SC	Lat 33°04'35'', long 81°30'50'', Aiken County, near center of span on downstream side of bridge on State Highway 215, 0.4 mi upstream from Cedar Creek, 1 mi upstream from Shaw Creek, 7.6 mi northeast of Montmorenci, and at mile 167.3.	198	1939-66 1967-88	9-9-88	6.79	744
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	1975-88	1-10-88	2.35	13
		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	1975-88	B	A	(+)
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	1975-88	9-12-88	5.33	(+)
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	1975-88	9-12-88	3.30	(+)
		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+ 1987-88	9-12-88	6.07	1142
		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	1974-88	B	<5.04	(+)
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	1975-88	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	1975-88	4-12-88	4.36	361
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	1975-88	B	<4.75	(+)
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	1975-88	9-9-88	4.01	83
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	1975-88	9-9-88	3.98	270

\+ 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 1987 TO SEPTEMBER 1988

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to these events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

STATION NO.	STATION NAME	LOCATION	DRAINAGE AREA (mi^2) (Approx)	PERIOD OF RECORD (WT YR)	DATE	GAGE HEIGHT (FT)	DIS-CHARGE (ft^3/S)
		SANTEE RIVER BASIN					
02148312	Wateree River @ Union Camp nr Eastover, SC	Lat 33°53'34'', long 80°37'35'', Richland County, 3.0 mi upstream from SCE&G plant, and 4.0 mi east of Eastover.	5,590	1984-1988	11-24-87	85.43	1,698
					02-24-88	92.36	5,760
					04-14-88	94.47	6,950
					06-02-88	85.95	1,400
					07-18-88	85.85	1,370
					09-07-88	92.32	5,320
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	1966-1988	02-29-88	26.96	538
					06-03-88	27.30	500
					09-08-88	27.42	540
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.		1946-1988	02-29-88	--	21
					09-08-88	--	23
		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	1982-1988	01-19-88	55.60	1,646
					02-25-88	55.89	1,756
					04-15-88	54.48	1,330
					05-31-88	52.56	517
					07-12-88	51.98	746
					09-06-88	53.68	1,120

GROUND WATER RECORDS

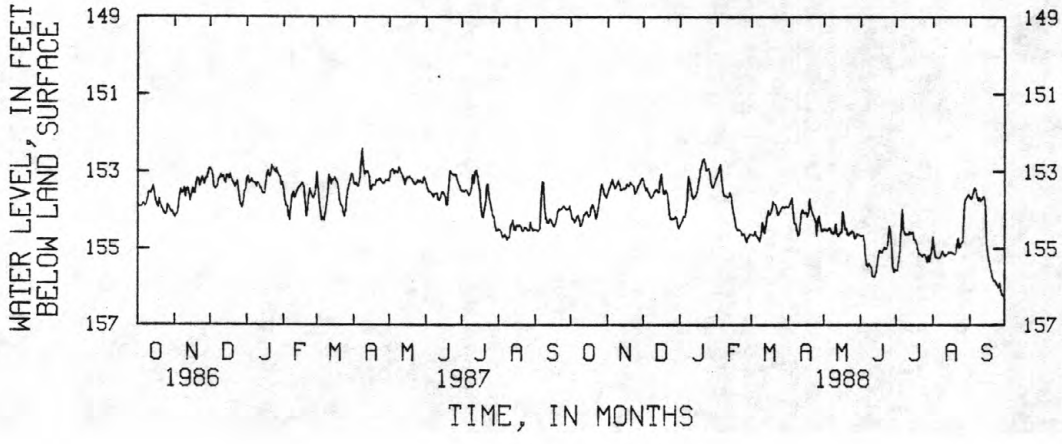
AIKEN COUNTY

331940081443501. Local number, AK-430.
LOCATION.--Lat 33°19'40'', long 81°44'35'', Hydrologic Unit 03060106, Federal land, at Savannah River Plant near Aiken.
Owner: U.S. Department of Energy.
AQUIFER.--Sands of the Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 18 in from surface to 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 (revised) 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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	154.05	153.59	153.22	154.42	153.12	154.65	153.93	154.52	154.68	155.58	154.71	153.67
2	154.23	153.47	153.37	154.34	153.04	154.67	153.85	154.51	154.69	155.58	155.03	153.71
3	154.26	153.40	153.49	154.27	152.90	154.65	153.77	154.53	154.68	155.36	155.24	153.68
4	154.33	153.29	153.44	154.18	152.83	154.56	153.70	154.55	154.80	155.10	155.25	153.56
5	154.28	153.21	153.54	154.19	153.24	154.68	154.07	154.50	155.20	154.56	155.27	153.43
6	154.19	153.35	153.61	154.00	153.51	154.71	154.35	154.48	155.45	153.99	155.25	153.46
7	154.14	153.44	153.68	153.76	153.64	154.77	154.37	154.56	155.48	154.50	155.26	153.65
8	154.26	153.41	153.70	153.13	153.65	154.83	154.54	154.61	155.41	154.60	155.16	153.75
9	154.41	153.32	153.64	153.28	153.65	154.64	154.67	154.62	155.46	154.65	155.09	153.70
10	154.40	153.24	153.55	153.47	153.68	154.33	154.65	154.59	155.52	154.64	155.17	153.76
11	154.27	153.34	153.51	153.64	153.67	154.53	154.37	154.38	155.72	154.65	155.20	153.73
12	154.14	153.48	153.47	153.71	153.56	154.60	154.05	154.63	155.75	154.58	155.19	153.68
13	154.11	153.48	153.53	153.68	153.65	154.43	154.01	154.69	155.76	154.63	155.16	153.65
14	154.05	153.45	153.55	153.63	153.95	154.18	154.08	154.65	155.62	154.61	155.10	153.89
15	154.09	153.46	153.23	153.55	154.10	154.03	154.09	154.59	155.43	154.60	155.12	154.86
16	154.18	153.44	153.07	153.38	154.25	154.11	154.07	154.58	155.20	154.78	155.10	155.13
17	154.14	153.34	153.37	153.18	154.47	154.12	154.18	154.06	155.06	154.79	155.13	155.33
18	153.96	153.37	153.57	152.95	154.53	153.98	154.06	154.30	155.10	154.87	155.13	155.49
19	153.87	153.38	153.59	152.86	154.53	153.79	153.72	154.51	155.12	155.02	155.16	155.60
20	153.92	153.29	153.50	152.73	154.54	153.83	153.95	154.50	155.04	155.15	155.16	155.76
21	154.03	153.33	153.58	152.68	154.56	153.84	154.08	154.64	154.97	155.15	154.91	155.86
22	154.24	153.35	153.85	152.79	154.66	153.96	154.15	154.66	155.01	155.19	154.74	155.85
23	154.19	153.40	154.12	152.97	154.65	154.13	154.25	154.61	155.00	155.22	154.98	155.91
24	153.95	153.58	154.25	152.96	154.64	154.10	154.31	154.61	154.84	155.17	154.96	155.96
25	153.72	153.55	154.26	152.93	154.76	154.03	154.68	154.55	154.43	155.16	154.85	156.03
26	153.47	153.45	154.23	153.07	154.85	153.97	154.24	154.61	154.54	155.26	154.82	155.93
27	153.34	153.36	154.25	153.30	154.73	153.92	154.17	154.75	154.89	155.37	154.01	156.10
28	153.43	153.30	154.19	153.41	154.66	153.93	154.37	154.73	155.46	155.22	153.75	156.21
29	153.60	153.23	154.21	153.42	154.64	153.95	154.54	154.63	155.61	155.35	153.69	156.25
30	153.66	153.17	154.42	153.33	---	153.91	154.56	154.64	155.56	155.17	153.64	156.27
31	153.69	---	154.49	153.21	---	153.93	---	154.66	---	155.01	153.60	---
MEAN	154.02	153.38	153.73	153.43	154.02	154.25	154.19	154.56	155.18	154.95	154.87	154.80
MAX	154.41	153.59	154.49	154.42	154.85	154.83	154.68	154.75	155.76	155.58	155.27	156.27
MIN	153.34	153.17	153.07	152.68	152.83	153.79	153.70	154.06	154.43	153.99	153.60	153.43

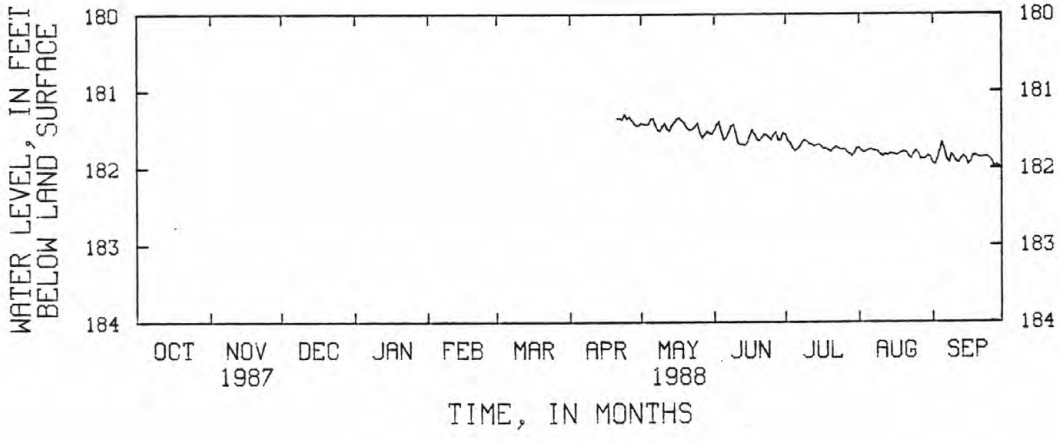
CAL YR 1987 MEAN 153.65 HIGH 152.42 LOW 154.78
WTR YR 1988 MEAN 154.28 HIGH 152.68 LOW 156.27



332616081462001.Local number, AK-817.
LOCATION.--Lat 33°26'16'', long 81°46'20'', Hydrologic Unit Code 03060106, 100 ft north of State Highway 146, 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 September 1988.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 181.31 ft below land-surface datum, Apr. 24, 1988; lowest, 182.02 ft below land-surface datum, Sept. 30, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

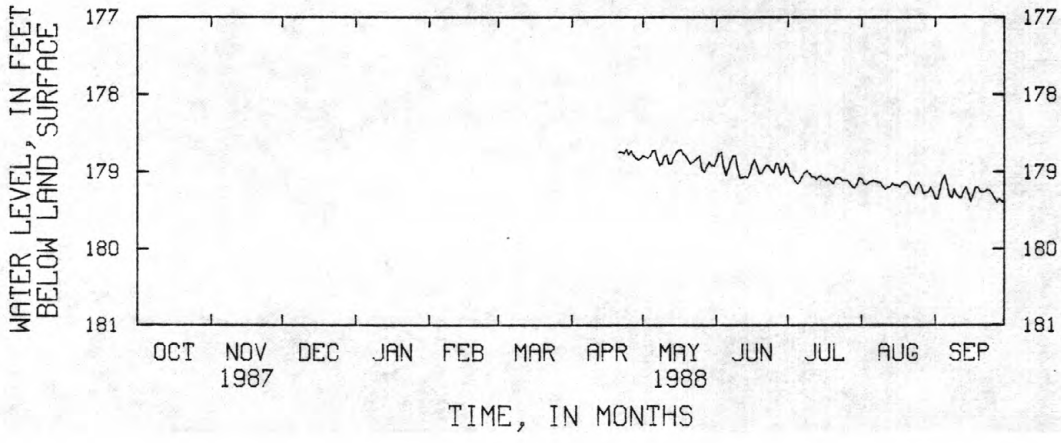
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	181.42	181.51	181.56	181.74	181.94
2	---	---	---	---	---	---	---	181.43	181.44	181.65	181.78	181.96
3	---	---	---	---	---	---	---	181.44	181.40	181.68	181.80	181.89
4	---	---	---	---	---	---	---	181.43	181.53	181.74	181.79	181.78
5	---	---	---	---	---	---	---	181.37	181.64	181.78	181.77	181.67
6	---	---	---	---	---	---	---	181.36	181.61	181.76	181.76	181.76
7	---	---	---	---	---	---	---	181.44	181.54	181.73	181.77	181.89
8	---	---	---	---	---	---	---	181.51	181.46	181.67	181.78	181.93
9	---	---	---	---	---	---	---	181.52	181.44	181.64	181.79	181.83
10	---	---	---	---	---	---	---	181.46	181.54	181.66	181.83	181.87
11	---	---	---	---	---	---	---	181.42	181.67	181.69	181.85	181.92
12	---	---	---	---	---	---	---	181.49	181.70	181.70	181.83	181.94
13	---	---	---	---	---	---	---	181.52	181.70	181.72	181.84	181.89
14	---	---	---	---	---	---	---	181.45	181.71	181.71	181.82	181.85
15	---	---	---	---	---	---	---	181.41	181.67	181.70	181.82	181.88
16	---	---	---	---	---	---	---	181.37	181.58	181.72	181.83	181.96
17	---	---	---	---	---	---	---	181.35	181.51	181.75	181.84	181.93
18	---	---	---	---	---	---	---	181.38	181.56	181.75	181.82	181.85
19	---	---	---	---	---	---	---	181.41	181.63	181.77	181.80	181.84
20	---	---	---	---	---	---	---	181.46	181.65	181.79	181.79	181.86
21	---	---	---	---	---	---	181.36	181.50	181.61	181.76	181.80	181.87
22	---	---	---	---	---	---	181.36	181.51	181.57	181.73	181.86	181.87
23	---	---	---	---	---	---	181.37	181.49	181.57	181.74	181.88	181.86
24	---	---	---	---	---	---	181.31	181.46	181.60	181.76	181.82	181.86
25	---	---	---	---	---	---	181.36	181.42	181.64	181.76	181.78	181.88
26	---	---	---	---	---	---	181.34	181.55	181.57	181.76	181.82	181.92
27	---	---	---	---	---	---	181.38	181.61	181.54	181.80	181.89	181.99
28	---	---	---	---	---	---	181.42	181.57	181.64	181.82	181.89	181.97
29	---	---	---	---	---	---	181.45	181.53	181.64	181.85	181.88	181.99
30	---	---	---	---	---	---	181.45	181.55	181.55	181:82	181.85	182.02
31	---	---	---	---	---	---	---	181.56	---	181.75	181.86	---
MEAN	---	---	---	---	---	---	---	181.46	181.58	181.73	181.82	181.89
MAX	---	---	---	---	---	---	---	181.61	181.71	181.85	181.89	182.02
MIN	---	---	---	---	---	---	---	181.35	181.40	181.56	181.74	181.67



332617081462001.Local number, AK-818.
LOCATION.--Lat 33°26'17'', long 81°46'20'', Hydrologic Unit Code 03060106, 100 ft north of State Highway 146, 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 September 1988.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 178.72 ft below land-surface datum, Apr. 24, May 17, 1988; lowest, 179.41 ft below land-surface datum, Sept. 30, 1988.

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	---	---	---	---	---	---	---	178.80	178.86	178.95	179.10	179.35
2	---	---	---	---	---	---	---	178.81	178.77	179.06	179.16	179.36
3	---	---	---	---	---	---	---	178.83	178.75	179.07	179.17	179.24
4	---	---	---	---	---	---	---	178.80	178.94	179.13	179.15	179.11
5	---	---	---	---	---	---	---	178.74	179.05	179.16	179.13	179.05
6	---	---	---	---	---	---	---	178.73	178.97	179.13	179.12	179.17
7	---	---	---	---	---	---	---	178.85	178.87	179.07	179.13	179.32
8	---	---	---	---	---	---	---	178.92	178.80	179.02	179.14	179.34
9	---	---	---	---	---	---	---	178.90	178.80	179.00	179.15	179.23
10	---	---	---	---	---	---	---	178.81	178.98	179.03	179.20	179.30
11	---	---	---	---	---	---	---	178.79	179.09	179.07	179.23	179.34
12	---	---	---	---	---	---	---	178.90	179.08	179.07	179.21	179.34
13	---	---	---	---	---	---	---	178.90	179.07	179.10	179.20	179.26
14	---	---	---	---	---	---	---	178.82	179.08	179.07	179.16	179.21
15	---	---	---	---	---	---	---	178.76	179.02	179.06	179.18	179.29
16	---	---	---	---	---	---	---	178.73	178.91	179.10	179.18	179.39
17	---	---	---	---	---	---	---	178.72	178.85	179.12	179.20	179.31
18	---	---	---	---	---	---	---	178.77	178.94	179.10	179.16	179.21
19	---	---	---	---	---	---	---	178.80	179.03	179.13	179.14	179.21
20	---	---	---	---	---	---	---	178.85	179.02	179.16	179.14	179.26
21	---	---	---	---	---	---	178.75	178.90	178.96	179.10	179.17	179.27
22	---	---	---	---	---	---	178.75	178.89	178.92	179.08	179.26	179.26
23	---	---	---	---	---	---	178.77	178.86	178.93	179.09	179.29	179.24
24	---	---	---	---	---	---	178.72	178.83	178.98	179.12	179.19	179.25
25	---	---	---	---	---	---	178.78	178.80	179.02	179.12	179.15	179.29
26	---	---	---	---	---	---	178.74	178.98	178.90	179.12	179.19	179.35
27	---	---	---	---	---	---	178.79	179.01	178.90	179.16	179.29	179.40
28	---	---	---	---	---	---	178.83	178.93	179.04	179.20	179.28	179.36
29	---	---	---	---	---	---	178.85	178.88	179.01	179.22	179.27	179.39
30	---	---	---	---	---	---	178.84	178.92	178.90	179.17	179.21	179.41
31	---	---	---	---	---	---	---	178.93	---	179.09	179.27	---
MEAN	---	---	---	---	---	---	---	178.84	178.95	179.10	179.19	179.28
MAX	---	---	---	---	---	---	---	179.01	179.09	179.22	179.29	179.41
MIN	---	---	---	---	---	---	---	178.72	178.75	178.95	179.10	179.05



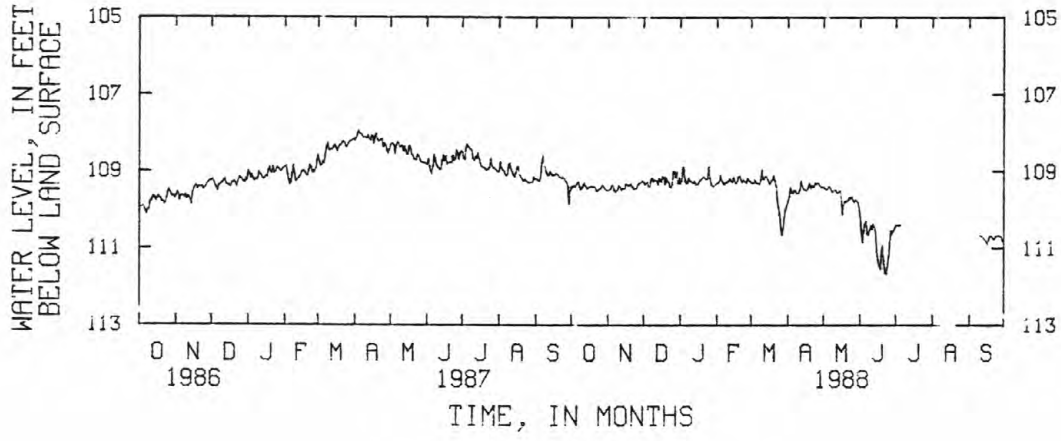
BARNWELL COUNTY

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, 111.68 ft below land-surface datum, June 23, 1988.

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	109.42	109.51	109.28	109.32	109.32	109.30	109.79	109.41	110.17	110.42	---	---
2	109.42	109.49	109.35	109.24	109.30	109.32	109.67	109.44	110.62	110.41	---	---
3	109.39	109.46	109.32	108.90	109.29	109.32	109.43	109.48	110.85	110.41	---	---
4	109.41	109.39	109.28	108.95	109.12	109.24	109.55	109.47	110.57	110.41	---	---
5	109.36	109.37	109.39	109.26	109.25	109.32	109.58	109.41	110.38	110.40	---	---
6	109.31	109.50	109.40	109.33	109.31	109.32	109.51	109.41	110.32	---	---	---
7	109.28	109.54	109.23	109.31	109.36	109.33	109.51	109.48	110.64	---	---	---
8	109.40	109.52	109.18	109.19	109.31	109.36	109.56	109.53	110.66	---	---	---
9	109.48	109.49	109.27	109.25	109.29	109.23	109.58	109.54	110.54	---	---	110.68
10	109.44	109.39	109.24	109.29	109.29	108.98	109.56	109.50	110.43	---	---	110.68
11	109.37	109.42	109.24	109.31	109.25	109.21	109.48	109.50	110.51	---	---	110.69
12	109.32	109.50	109.26	109.31	109.20	109.21	109.26	109.55	110.38	---	---	110.71
13	109.39	109.45	109.35	109.27	109.27	109.14	109.39	109.57	110.43	---	---	110.75
14	109.45	109.46	109.19	109.36	109.29	109.15	109.48	109.53	110.62	---	---	110.79
15	109.44	109.46	109.25	109.34	109.18	109.24	109.47	109.52	111.11	---	---	110.83
16	109.43	109.34	109.27	109.35	109.26	109.31	109.51	109.69	111.33	---	---	110.90
17	109.40	109.35	109.14	109.29	109.32	109.34	109.50	110.13	111.47	---	---	110.80
18	109.40	109.38	109.17	109.23	109.28	109.26	109.41	109.90	111.55	---	---	110.71
19	109.41	109.39	109.34	109.21	109.17	109.21	109.33	109.79	111.09	---	---	110.69
20	109.41	109.33	109.17	109.17	109.13	109.12	109.43	109.79	110.95	---	---	110.70
21	109.41	109.40	109.27	109.16	109.21	109.25	109.39	109.78	111.42	---	---	110.76
22	109.51	109.43	109.30	109.20	109.30	109.41	109.41	109.74	111.65	---	---	110.78
23	109.52	109.47	109.40	109.22	109.24	109.76	109.40	109.69	111.68	---	---	110.71
24	109.49	109.48	109.43	109.20	109.26	109.95	109.31	109.70	111.51	---	---	110.69
25	109.47	109.44	109.34	108.90	109.28	110.15	109.34	109.66	111.23	---	---	110.69
26	109.44	109.35	109.01	109.18	109.32	110.49	109.32	109.76	110.86	---	---	110.68
27	109.38	109.33	109.03	109.35	109.20	110.66	109.34	109.80	110.56	---	---	110.70
28	109.40	109.31	109.15	109.39	109.26	110.50	109.38	109.76	110.63	---	---	110.72
29	109.44	109.28	109.04	109.40	109.26	110.20	109.41	109.75	110.57	---	---	110.80
30	109.49	109.26	109.33	109.38	---	110.00	109.42	109.81	110.49	---	---	110.85
31	109.51	---	109.18	109.34	---	109.89	---	109.93	---	---	---	---
MEAN	109.42	109.42	109.25	109.25	109.26	109.52	109.46	109.65	110.84	---	---	---
MAX	109.52	109.54	109.43	109.40	109.36	110.66	109.79	110.13	111.68	---	---	---
MIN	109.28	109.26	109.01	108.90	109.12	108.98	109.26	109.41	110.17	---	---	---

CAL YR 1987 MEAN 108.93 HIGH 107.97 LOW 109.86

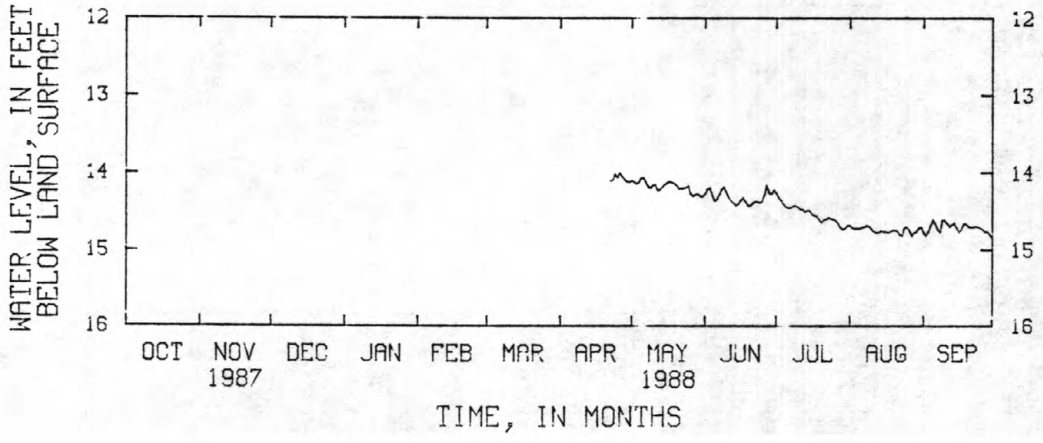


BARNWELL COUNTY

331037081184301. Local number, BW-349.
LOCATION.--Lat 33°10'37'', long 81°18'43'' Hydrologic Unit 03050207, 245 ft west of SC Highway 300, 0.8 mi southeast of junction with County Rd 623.
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 September 1988.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 14.01 ft below land-surface datum, Apr. 26, 1988; lowest, 14.85 ft below land-surface datum, Sept. 30, 1988.

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	---	---	---	---	---	---	---	14.11	14.28	14.26	14.69	14.78
2	---	---	---	---	---	---	---	14.13	14.22	14.33	14.72	14.82
3	---	---	---	---	---	---	---	14.15	14.20	14.36	14.73	14.77
4	---	---	---	---	---	---	---	14.13	14.30	14.41	14.73	14.69
5	---	---	---	---	---	---	---	14.08	14.37	14.45	14.73	14.61
6	---	---	---	---	---	---	---	14.07	14.35	14.46	14.72	14.66
7	---	---	---	---	---	---	---	14.13	14.29	14.46	14.71	14.74
8	---	---	---	---	---	---	---	14.19	14.22	14.44	14.69	14.77
9	---	---	---	---	---	---	---	14.20	14.19	14.44	14.70	14.62
10	---	---	---	---	---	---	---	14.17	14.26	14.45	14.73	14.62
11	---	---	---	---	---	---	---	14.16	14.33	14.48	14.77	14.66
12	---	---	---	---	---	---	---	14.23	14.37	14.48	14.78	14.70
13	---	---	---	---	---	---	---	14.23	14.40	14.51	14.78	14.68
14	---	---	---	---	---	---	---	14.19	14.43	14.50	14.76	14.66
15	---	---	---	---	---	---	---	14.16	14.41	14.50	14.77	14.71
16	---	---	---	---	---	---	---	14.14	14.36	14.54	14.77	14.78
17	---	---	---	---	---	---	---	14.12	14.33	14.56	14.78	14.75
18	---	---	---	---	---	---	---	14.13	14.38	14.57	14.77	14.67
19	---	---	---	---	---	---	---	14.14	14.43	14.61	14.75	14.67
20	---	---	---	---	---	---	---	14.17	14.43	14.65	14.75	14.70
21	---	---	---	---	---	---	---	14.21	14.41	14.62	14.76	14.71
22	---	---	---	---	---	---	14.11	14.21	14.38	14.61	14.81	14.71
23	---	---	---	---	---	---	14.10	14.21	14.38	14.59	14.82	14.70
24	---	---	---	---	---	---	14.03	14.20	14.39	14.60	14.71	14.71
25	---	---	---	---	---	---	14.06	14.18	14.38	14.61	14.71	14.72
26	---	---	---	---	---	---	14.01	14.28	14.29	14.62	14.75	14.74
27	---	---	---	---	---	---	14.06	14.31	14.17	14.66	14.82	14.77
28	---	---	---	---	---	---	14.09	14.29	14.27	14.71	14.78	14.77
29	---	---	---	---	---	---	14.12	14.28	14.28	14.74	14.77	14.81
30	---	---	---	---	---	---	14.13	14.31	14.23	14.73	14.72	14.85
31	---	---	---	---	---	---	---	14.32	---	14.69	14.71	---
MEAN	---	---	---	---	---	---	---	14.19	14.32	14.54	14.75	14.72
MAX	---	---	---	---	---	---	---	14.32	14.43	14.74	14.82	14.85
MIN	---	---	---	---	---	---	---	14.07	14.17	14.26	14.69	14.61

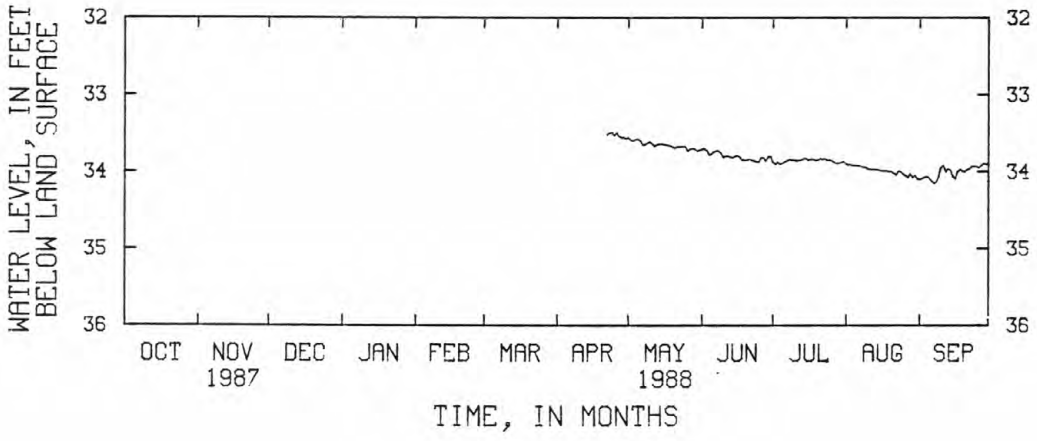


BARNWELL COUNTY

331039081184201. Local number, BW-350.
LOCATION.--Lat 33°10'39'', long 81°18'42'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 0.8 mi southeast of junction with County Rd 623.
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 September 1988.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 33.50 ft below land-surface datum, April 24, 1988; lowest, 34.16 ft below land-surface datum, Sept. 7, 1988.

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	---	---	---	---	---	---	---	33.57	33.72	33.89	33.91	34.11
2	---	---	---	---	---	---	---	33.60	33.71	33.91	33.92	34.10
3	---	---	---	---	---	---	---	33.61	33.73	33.89	33.92	34.08
4	---	---	---	---	---	---	---	33.59	33.79	33.91	33.93	34.07
5	---	---	---	---	---	---	---	33.59	33.78	33.90	33.93	34.09
6	---	---	---	---	---	---	---	33.61	33.75	33.88	33.93	34.13
7	---	---	---	---	---	---	---	33.66	33.74	33.87	33.94	34.16
8	---	---	---	---	---	---	---	33.66	33.74	33.85	33.95	34.14
9	---	---	---	---	---	---	---	33.64	33.77	33.86	33.95	34.07
10	---	---	---	---	---	---	---	33.62	33.82	33.86	33.97	33.95
11	---	---	---	---	---	---	---	33.65	33.81	33.87	33.98	33.93
12	---	---	---	---	---	---	---	33.68	33.81	33.86	33.98	34.01
13	---	---	---	---	---	---	---	33.66	33.82	33.86	33.98	33.97
14	---	---	---	---	---	---	---	33.65	33.83	33.84	33.98	33.99
15	---	---	---	---	---	---	---	33.65	33.81	33.84	33.99	34.07
16	---	---	---	---	---	---	---	33.66	33.80	33.86	34.00	34.10
17	---	---	---	---	---	---	---	33.66	33.82	33.85	34.00	34.01
18	---	---	---	---	---	---	---	33.67	33.86	33.85	34.00	33.98
19	---	---	---	---	---	---	---	33.68	33.86	33.86	34.01	34.00
20	---	---	---	---	---	---	---	33.70	33.86	33.86	34.01	34.01
21	---	---	---	---	---	---	---	33.70	33.85	33.84	34.03	33.98
22	---	---	---	---	---	---	33.53	33.69	33.86	33.85	34.05	33.97
23	---	---	---	---	---	---	33.51	33.69	33.87	33.84	34.01	33.94
24	---	---	---	---	---	---	33.50	33.69	33.88	33.86	34.01	33.94
25	---	---	---	---	---	---	33.54	33.69	33.88	33.86	34.04	33.94
26	---	---	---	---	---	---	33.51	33.74	33.83	33.87	34.06	33.95
27	---	---	---	---	---	---	33.55	33.72	33.83	33.89	34.08	33.93
28	---	---	---	---	---	---	33.57	33.71	33.87	33.90	34.04	33.90
29	---	---	---	---	---	---	33.57	33.72	33.82	33.90	34.08	33.91
30	---	---	---	---	---	---	33.58	33.74	33.81	33.89	34.06	33.90
31	---	---	---	---	---	---	---	33.73	---	33.88	34.10	---
MEAN	---	---	---	---	---	---	---	33.67	33.81	33.87	33.99	34.01
MAX	---	---	---	---	---	---	---	33.74	33.88	33.91	34.10	34.16
MIN	---	---	---	---	---	---	---	33.57	33.71	33.84	33.91	33.90

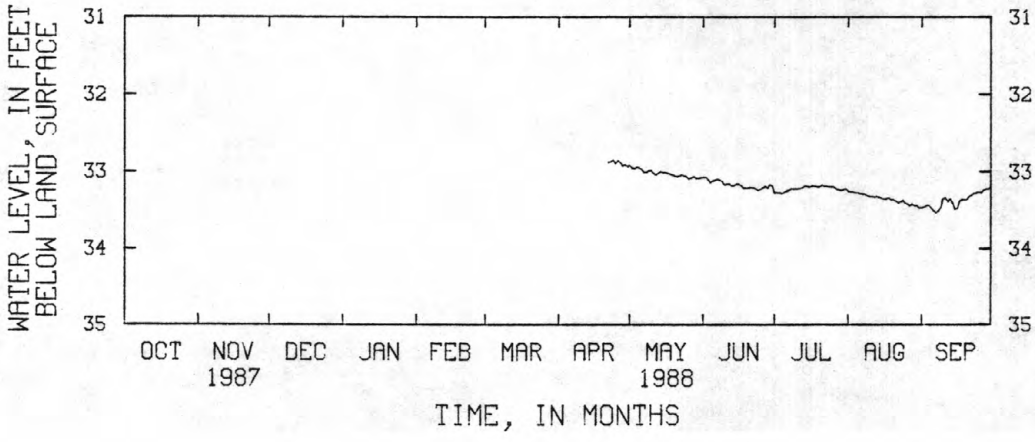


BARNWELL COUNTY

331038081184201. Local number, BW-351.
LOCATION.--Lat 33°10'38'', long 81°18'42'', Hydrologic Unit Code 03050207, 50 ft west of SC Highway 300, 0.8 mi southeast of junction with County Rd 623.
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 September 1988.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 32.86 ft below land-surface datum, April 24, 1988; lowest, 33.54 ft below land-surface datum, Sept.7, 1988.

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	---	---	---	---	---	---	---	32.93	33.08	33.28	33.26	33.48
2	---	---	---	---	---	---	---	32.96	33.08	33.28	33.27	33.47
3	---	---	---	---	---	---	---	32.97	33.11	33.28	33.27	33.45
4	---	---	---	---	---	---	---	32.95	33.15	33.29	33.28	33.45
5	---	---	---	---	---	---	---	32.96	33.13	33.28	33.28	33.48
6	---	---	---	---	---	---	---	32.98	33.12	33.26	33.29	33.51
7	---	---	---	---	---	---	---	33.02	33.11	33.25	33.30	33.54
8	---	---	---	---	---	---	---	33.02	33.12	33.23	33.30	33.52
9	---	---	---	---	---	---	---	33.00	33.14	33.23	33.32	33.48
10	---	---	---	---	---	---	---	32.99	33.18	33.23	33.33	33.36
11	---	---	---	---	---	---	---	33.03	33.17	33.23	33.33	33.35
12	---	---	---	---	---	---	---	33.05	33.17	33.22	33.34	33.39
13	---	---	---	---	---	---	---	33.03	33.19	33.21	33.33	33.36
14	---	---	---	---	---	---	---	33.01	33.19	33.19	33.34	33.41
15	---	---	---	---	---	---	---	33.02	33.17	33.20	33.35	33.49
16	---	---	---	---	---	---	---	33.02	33.17	33.20	33.36	33.49
17	---	---	---	---	---	---	---	33.03	33.19	33.19	33.36	33.39
18	---	---	---	---	---	---	---	33.04	33.22	33.19	33.35	33.37
19	---	---	---	---	---	---	---	33.05	33.22	33.20	33.37	33.37
20	---	---	---	---	---	---	---	33.06	33.22	33.20	33.37	33.37
21	---	---	---	---	---	---	---	33.07	33.21	33.18	33.39	33.33
22	---	---	---	---	---	---	32.89	33.06	33.22	33.19	33.41	33.31
23	---	---	---	---	---	---	32.88	33.05	33.23	33.19	33.40	33.29
24	---	---	---	---	---	---	32.86	33.06	33.25	33.20	33.38	33.28
25	---	---	---	---	---	---	32.90	33.07	33.24	33.20	33.41	33.27
26	---	---	---	---	---	---	32.87	33.10	33.22	33.20	33.43	33.28
27	---	---	---	---	---	---	32.89	33.09	33.20	33.23	33.45	33.25
28	---	---	---	---	---	---	32.93	33.07	33.22	33.24	33.43	33.23
29	---	---	---	---	---	---	32.92	33.09	33.18	33.25	33.45	33.23
30	---	---	---	---	---	---	32.94	33.10	33.19	33.24	33.45	33.21
31	---	---	---	---	---	---	---	33.09	---	33.23	33.48	---
MEAN	---	---	---	---	---	---	---	33.03	33.18	33.23	33.36	33.38
MAX	---	---	---	---	---	---	---	33.10	33.25	33.29	33.48	33.54
MIN	---	---	---	---	---	---	---	32.93	33.08	33.18	33.26	33.21



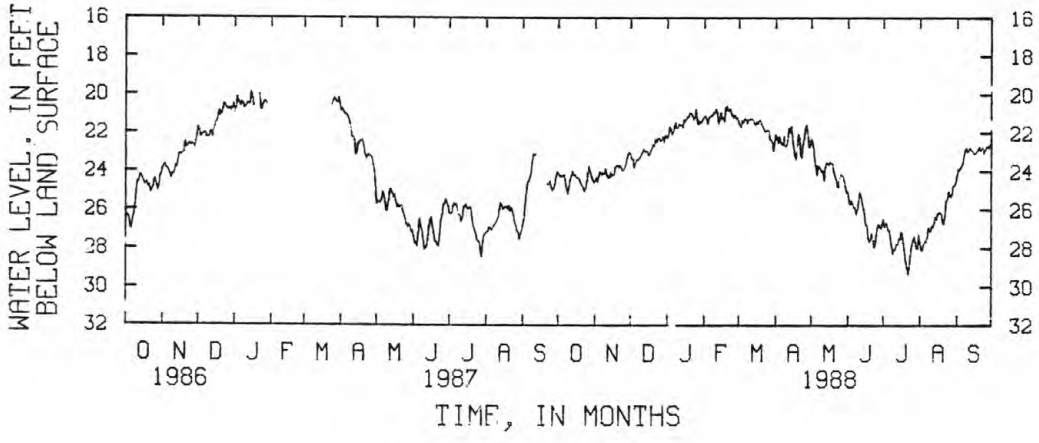
BEAUFORT COUNTY

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 OUTSIDE PERIOD OF RECORD.--Highest mean water level 12.29 ft below land-surface datum July 5, 1961.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 29.34 ft below land-surface datum, July 22, 1988.

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	24.09	24.50	23.10	22.29	21.17	21.49	22.09	22.31	25.07	26.50	27.68	24.21
2	24.22	24.36	23.37	22.12	21.11	21.63	22.24	22.42	25.70	26.93	28.07	23.92
3	24.25	24.56	23.41	21.72	21.31	21.69	22.53	22.83	25.74	26.69	28.08	23.93
4	24.25	24.30	23.81	21.80	21.53	21.38	22.22	23.44	25.54	26.73	27.82	23.84
5	24.25	24.08	23.62	22.07	21.20	21.44	22.45	23.73	25.71	27.03	27.66	23.72
6	24.18	24.11	23.43	21.97	21.17	21.28	22.59	24.18	25.89	27.09	27.66	23.58
7	24.65	24.20	23.42	21.66	21.11	21.30	22.62	23.74	25.93	27.52	27.45	23.21
8	24.88	24.10	23.34	21.50	21.10	21.51	22.20	23.77	26.25	27.97	26.93	22.91
9	25.16	24.15	23.29	21.84	20.94	21.32	22.87	23.90	26.01	28.28	27.09	22.82
10	24.82	23.89	23.14	21.73	20.98	21.26	22.64	24.02	25.57	28.11	27.14	22.95
11	24.42	24.21	23.04	21.56	20.77	21.33	22.38	23.99	25.12	28.04	26.85	22.92
12	24.23	24.32	22.87	21.62	20.96	21.28	21.77	24.46	25.26	27.82	26.92	22.80
13	24.03	24.36	22.98	21.60	21.52	21.33	21.97	23.79	25.60	27.78	26.66	22.86
14	24.20	24.09	22.97	21.71	21.38	21.52	21.67	23.57	25.98	27.52	26.39	22.90
15	24.15	24.27	22.94	21.34	20.97	21.60	22.22	23.61	26.19	27.55	26.49	23.05
16	24.32	24.17	23.15	21.41	21.28	21.46	22.79	23.69	26.76	27.19	26.22	23.07
17	24.34	24.22	23.17	21.29	21.25	21.52	23.14	23.53	26.81	27.24	26.17	23.05
18	24.35	23.79	22.95	21.17	21.40	21.37	23.38	23.57	27.50	27.79	26.13	22.95
19	24.50	23.76	22.81	21.16	20.72	21.33	22.62	23.63	27.66	28.34	26.25	22.85
20	24.64	23.70	22.63	20.98	20.64	21.54	22.09	24.02	27.60	28.73	26.65	22.72
21	24.75	23.81	22.70	20.98	20.83	21.66	22.29	24.22	27.27	29.06	26.75	22.90
22	24.89	23.67	22.34	21.09	20.83	21.84	23.19	24.39	27.47	29.34	26.25	22.82
23	25.06	23.78	22.48	21.30	20.74	21.93	23.29	24.77	27.97	29.03	25.55	22.76
24	24.92	23.96	22.33	21.20	21.08	21.93	22.60	24.82	27.87	28.35	25.50	23.04
25	24.51	23.96	22.29	20.79	21.10	21.86	22.31	24.31	27.33	27.85	25.06	22.91
26	24.11	23.86	22.42	21.34	21.24	21.90	21.74	24.16	26.91	27.59	25.28	22.73
27	23.79	23.68	22.37	21.57	21.10	22.36	21.59	24.24	26.77	27.42	25.35	22.71
28	24.07	23.33	22.22	21.43	21.26	22.35	21.98	24.22	26.89	27.70	25.18	22.77
29	24.33	23.09	22.49	21.47	21.21	22.49	22.77	24.51	26.98	28.00	24.77	22.62
30	24.43	23.03	22.15	21.39	---	22.95	22.67	24.83	26.75	27.99	24.73	22.78
31	24.59	---	22.17	21.25	---	22.48	---	25.14	---	27.31	24.63	---
MEAN	24.43	23.98	22.88	21.50	21.10	21.69	22.43	23.93	26.47	27.76	26.43	23.08
MAX	25.16	24.56	23.81	22.29	21.53	22.95	23.38	25.14	27.97	29.34	28.08	24.21
MIN	23.79	23.03	22.15	20.79	20.64	21.26	21.59	22.31	25.07	26.50	24.63	22.62

WTR YR 1988 MEAN 23.82 HIGH 20.64 LOW 29.34

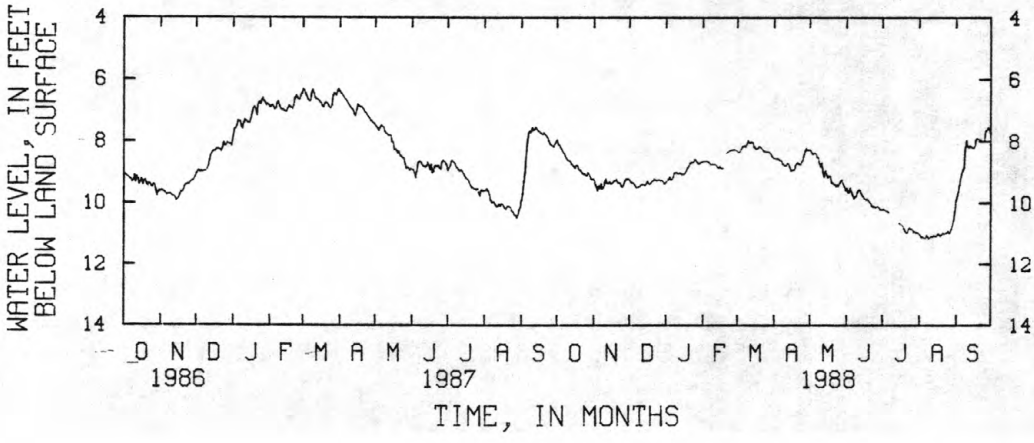


BEAUFORT COUNTY

322745080435800. Local number, BFT-121.
LOCATION.--Lat 32°27'45'', long 80°43'58'', Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance, 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, installed Nov. 9, 1987.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.97	9.26	9.26	9.34	8.66	8.33	8.57	8.27	9.54	10.23	11.03	9.94
2	8.11	9.41	9.33	9.30	8.66	8.35	8.58	8.33	9.66	10.23	11.10	9.77
3	8.14	9.49	9.35	9.24	8.65	8.35	8.58	8.40	9.67	10.25	11.14	9.65
4	8.21	9.61	9.36	9.17	8.64	8.27	8.58	8.41	9.52	10.27	11.13	9.46
5	8.29	9.48	9.41	9.25	8.66	8.19	8.60	8.39	9.63	10.27	11.16	9.25
6	8.35	9.54	9.47	9.24	8.69	8.17	8.64	8.40	9.78	10.32	11.16	9.05
7	8.40	9.39	9.52	9.18	8.76	8.14	8.64	8.51	9.86	---	11.07	8.94
8	8.50	9.54	9.51	9.04	8.76	8.19	8.74	8.53	9.82	---	11.12	8.87
9	8.57	9.54	9.49	9.03	8.76	8.11	8.78	8.74	9.79	---	11.17	8.19
10	8.62	9.34	9.45	9.02	8.76	7.98	8.80	8.83	9.65	---	11.15	7.99
11	8.65	9.25	9.41	9.04	8.76	8.05	8.81	8.73	9.59	---	11.09	8.17
12	8.65	9.36	9.41	9.05	8.77	8.06	8.74	9.02	9.59	---	11.13	8.19
13	8.75	9.37	9.42	9.03	8.83	8.02	8.74	9.16	9.68	---	11.07	8.15
14	8.78	9.34	9.45	9.08	8.88	8.05	8.85	8.98	9.76	---	11.09	8.19
15	8.83	9.39	9.38	9.07	8.83	8.18	8.95	9.08	9.81	10.68	11.10	8.22
16	8.88	9.37	9.31	9.08	8.86	8.24	8.96	9.18	9.87	10.69	11.06	8.21
17	8.80	9.33	9.37	9.03	8.90	8.26	8.95	9.15	9.91	10.73	11.01	8.19
18	8.79	9.29	9.40	8.95	8.88	8.25	8.95	9.14	9.88	10.76	11.06	7.96
19	8.90	9.29	9.36	8.87	---	8.18	8.80	9.35	9.92	10.85	11.09	7.91
20	8.95	9.26	9.31	8.82	---	8.19	8.73	9.35	9.97	10.92	11.04	7.92
21	8.95	9.34	9.27	8.72	8.38	8.22	8.71	9.40	10.01	10.98	10.99	7.95
22	9.04	9.36	9.24	8.70	8.35	8.28	8.76	9.43	10.10	10.98	11.03	7.97
23	9.09	9.37	9.27	8.69	8.33	8.33	8.77	9.47	10.15	10.87	10.99	8.01
24	9.07	9.46	9.29	8.68	8.30	8.33	8.68	9.43	10.12	10.82	10.99	8.02
25	9.11	9.49	9.27	8.60	8.30	8.35	8.63	9.46	10.16	10.87	10.93	8.01
26	9.13	9.42	9.27	8.61	8.30	8.35	8.43	9.38	10.14	10.87	10.99	7.69
27	9.04	9.29	9.29	8.67	8.27	8.35	8.33	9.32	10.13	10.95	10.98	7.64
28	9.08	9.24	9.28	8.72	8.27	8.38	8.25	9.27	10.16	10.94	10.87	7.57
29	9.20	9.23	9.30	8.73	8.29	8.41	8.30	9.38	10.23	10.98	10.73	7.61
30	9.25	9.23	9.38	8.70	---	8.49	8.29	9.47	10.24	10.97	10.57	7.73
31	9.25	---	9.39	8.68	---	8.54	---	9.60	---	10.98	10.27	---
MEAN	8.75	9.38	9.36	8.95	---	8.24	8.67	9.02	9.88	---	11.01	8.35
MAX	9.25	9.61	9.52	9.34	---	8.54	8.96	9.60	10.24	---	11.17	9.94
MIN	7.97	9.23	9.24	8.60	---	7.98	8.25	8.27	9.52	---	10.27	7.57

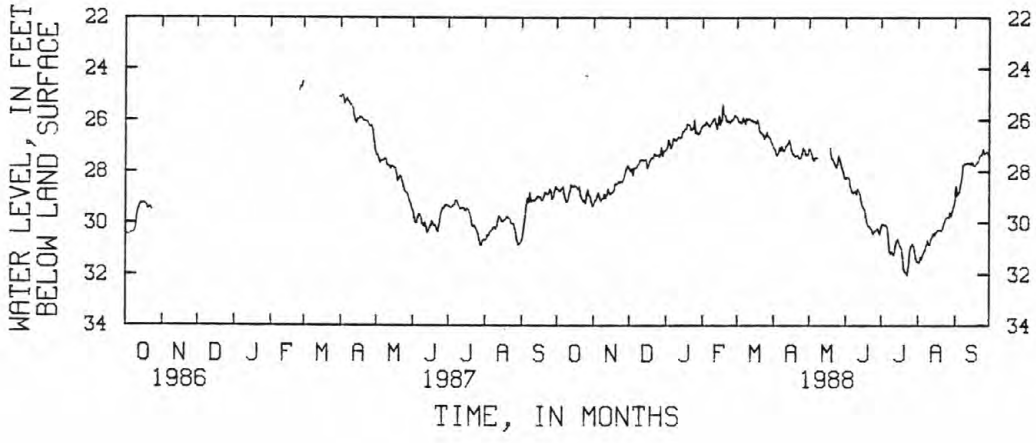


BEAUFORT COUNTY

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 OUTSIDE PERIOD OF RECORD.--Highest mean water level 14.35 ft below land-surface datum, Mar. 10, 1959.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.68	29.32	27.89	27.15	26.23	25.91	27.07	27.13	28.29	30.16	31.54	29.18
2	28.71	29.15	27.99	27.06	26.19	26.03	27.16	27.14	28.24	30.07	31.55	28.59
3	28.78	29.12	27.90	26.78	26.18	26.10	27.32	27.34	28.26	30.08	31.36	28.94
4	28.75	28.97	28.14	26.93	26.08	26.07	27.39	27.51	28.30	30.11	31.43	28.86
5	28.68	28.86	27.88	27.10	26.14	26.12	27.29	27.59	28.59	30.10	31.26	28.82
6	28.61	29.05	27.87	27.00	26.22	25.93	27.09	27.50	28.78	30.20	31.13	28.49
7	28.86	29.15	27.83	26.73	26.25	26.04	27.18	27.48	28.85	30.62	31.05	28.22
8	29.07	29.08	27.75	26.73	26.16	26.16	27.04	27.48	28.82	31.14	30.88	27.78
9	29.19	29.07	27.71	26.79	26.06	25.95	27.19	---	28.79	31.22	30.71	27.71
10	29.18	28.91	27.58	26.76	25.99	25.98	27.21	---	28.90	31.15	30.84	27.72
11	28.95	29.04	27.54	26.67	25.92	25.93	27.04	---	28.71	31.25	30.88	27.69
12	28.77	28.94	27.54	26.67	26.13	25.98	26.97	---	28.78	31.28	30.63	27.67
13	28.55	28.71	27.57	26.68	26.32	26.03	26.93	---	28.90	30.91	30.56	27.70
14	28.58	28.83	27.55	26.67	26.13	26.01	26.79	---	29.17	30.72	30.43	27.67
15	28.59	28.89	27.53	26.46	25.86	26.08	26.90	---	29.35	30.65	30.50	27.72
16	28.55	28.85	27.89	26.45	26.18	26.06	27.17	---	29.43	30.80	30.39	27.67
17	28.59	28.80	27.79	26.35	26.02	26.13	27.31	---	29.50	30.92	30.32	27.76
18	28.65	28.74	27.63	26.32	25.43	26.02	27.34	---	29.78	31.02	30.28	27.78
19	28.71	28.50	27.52	26.17	25.77	26.13	27.44	27.09	30.02	31.37	30.29	27.70
20	28.60	28.49	27.45	26.17	25.85	26.41	27.41	27.48	30.14	31.82	30.30	27.64
21	28.94	28.49	27.49	26.20	26.02	26.50	27.37	27.53	30.16	31.94	30.32	27.61
22	29.07	28.40	27.32	26.38	26.07	26.52	27.47	27.64	30.22	31.95	30.19	27.44
23	29.16	28.43	27.36	26.37	26.05	26.59	27.51	27.75	30.29	32.06	30.03	27.36
24	29.16	28.40	27.36	26.30	26.11	26.73	27.50	27.84	30.44	31.74	29.89	27.35
25	29.25	28.40	27.37	26.03	26.01	26.64	27.31	27.74	30.36	31.19	29.81	27.15
26	28.93	28.32	27.42	26.49	26.01	26.49	27.10	27.41	30.35	30.92	29.78	27.32
27	28.73	28.14	27.33	26.48	25.95	26.61	27.17	27.54	30.28	30.83	29.83	27.28
28	28.91	27.94	27.08	26.54	25.82	26.65	27.35	27.71	30.23	30.87	29.62	27.24
29	29.00	27.84	27.40	26.53	25.86	26.71	27.36	27.87	30.39	31.09	29.75	27.30
30	29.21	27.77	27.23	26.42	---	26.87	27.34	28.05	30.47	31.40	29.58	27.41
31	29.38	---	27.20	26.29	---	26.95	---	28.25	---	31.52	29.38	---
MEAN	28.86	28.69	27.58	26.57	26.03	26.27	27.22	---	29.43	31.00	30.47	27.83
MAX	29.38	29.32	28.14	27.15	26.32	26.95	27.51	---	30.47	32.06	31.55	29.18
MIN	28.55	27.77	27.08	26.03	25.43	25.91	26.79	---	28.24	30.07	29.38	27.15



BEAUFORT COUNTY

321558080431302. Local number, BFT-315, USGS TW 8 Point 1.
LOCATION.--Lat 32°15'58'', long 80°43'13'', 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°15'58'', long 80°43'13'', 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

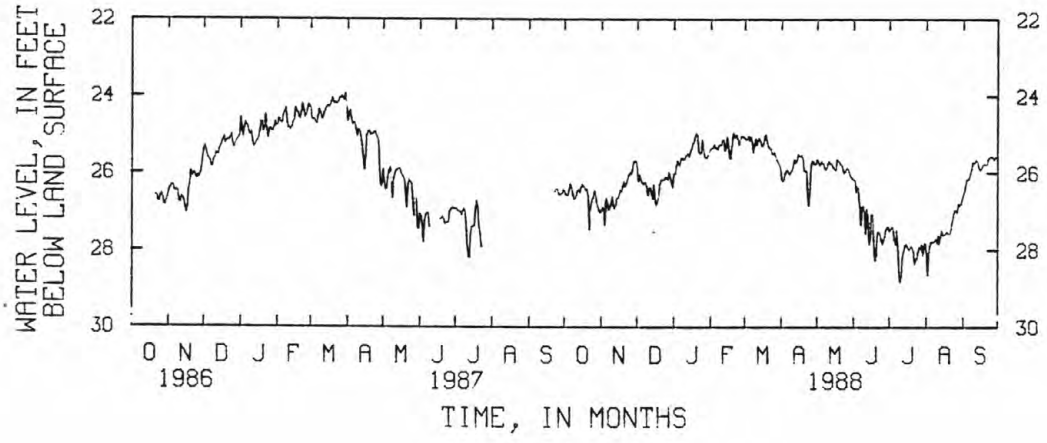
BEAUFORT COUNTY

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, 28.83 ft below land-surface datum, July 10, 1988.

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	26.48	27.00	25.85	26.04	25.39	25.10	26.15	25.66	26.17	27.52	28.03	26.60
2	26.57	26.91	26.22	26.03	25.36	25.13	26.23	25.69	26.21	27.47	28.67	26.51
3	26.59	26.99	26.06	25.81	25.35	25.13	26.16	25.81	26.49	27.42	28.07	26.34
4	26.60	27.37	26.15	25.69	25.27	25.04	26.03	25.76	26.36	27.42	27.90	26.19
5	26.45	26.67	26.25	25.77	25.35	25.15	25.95	25.71	26.38	27.73	27.81	26.18
6	26.29	26.81	26.29	25.81	25.35	25.07	25.94	25.75	26.90	27.85	27.80	26.15
7	26.38	26.96	26.28	25.65	25.40	25.18	26.01	25.86	27.36	27.50	27.80	26.03
8	26.57	26.94	26.25	25.61	25.29	25.47	26.04	25.92	26.90	27.91	27.76	25.90
9	26.69	26.80	26.37	25.66	25.28	25.28	25.97	25.87	26.87	28.57	27.71	25.73
10	26.67	26.65	26.59	25.65	25.27	25.12	25.92	25.77	27.02	28.83	27.81	25.74
11	26.59	26.85	26.41	25.58	25.15	25.27	25.77	25.70	27.59	28.68	27.65	25.72
12	26.47	26.93	26.38	25.53	25.14	25.18	25.66	25.76	26.95	28.17	27.87	25.66
13	26.45	26.85	26.54	25.50	25.42	25.10	25.74	25.76	27.18	28.03	27.66	25.71
14	26.51	26.68	26.68	25.59	25.35	25.16	25.69	25.82	27.87	27.89	27.51	25.85
15	26.39	26.65	26.31	25.45	25.07	25.29	25.53	25.87	27.68	27.87	27.65	25.92
16	26.31	26.58	26.64	25.38	25.29	25.31	25.54	25.91	27.08	27.92	27.63	25.91
17	26.35	26.46	26.84	25.24	25.60	25.23	25.57	25.93	27.09	27.98	27.58	25.84
18	26.40	26.48	26.78	25.19	25.62	25.04	25.54	25.66	27.97	27.97	27.53	25.80
19	26.46	26.35	26.66	25.06	25.30	25.01	25.63	25.68	28.29	27.92	27.58	25.77
20	26.43	26.24	26.30	24.98	24.96	25.23	25.94	25.72	28.15	27.93	27.57	25.78
21	26.61	26.36	26.19	25.02	25.03	25.32	25.95	25.77	27.56	28.05	27.59	25.77
22	27.49	26.28	26.19	25.44	25.09	25.37	25.97	25.81	27.54	28.36	27.45	25.64
23	26.94	26.19	26.19	25.49	25.02	25.39	26.69	25.94	27.58	28.28	27.24	25.61
24	26.75	26.07	26.16	25.48	25.12	25.50	26.86	26.01	27.74	28.22	27.07	25.58
25	26.65	26.00	26.12	25.14	25.27	25.52	26.55	25.96	27.84	28.07	26.98	25.57
26	26.49	26.04	26.14	25.40	25.17	25.47	25.79	25.88	27.76	27.94	26.98	25.60
27	26.49	25.93	26.18	25.59	25.05	25.58	25.68	25.89	27.67	27.97	27.03	25.66
28	26.75	25.73	25.99	25.61	25.07	25.67	25.74	25.98	27.50	27.87	26.82	25.60
29	26.90	25.70	26.14	25.60	25.05	25.73	25.78	26.07	27.44	28.13	26.86	25.58
30	27.00	25.69	26.30	25.53	---	25.80	25.77	26.12	27.40	27.91	26.82	25.63
31	27.04	---	26.38	25.45	---	25.87	---	26.16	---	27.83	26.72	---
MEAN	26.61	26.51	26.32	25.52	25.24	25.31	25.93	25.85	27.28	27.97	27.52	25.85
MAX	27.49	27.37	26.84	26.04	25.62	25.87	26.86	26.16	28.29	28.83	28.67	26.60
MIN	26.29	25.69	25.85	24.98	24.96	25.01	25.53	25.66	26.17	27.42	26.72	25.57

WTR YR 1988 MEAN 26.33 HIGH 24.96 LOW 28.83



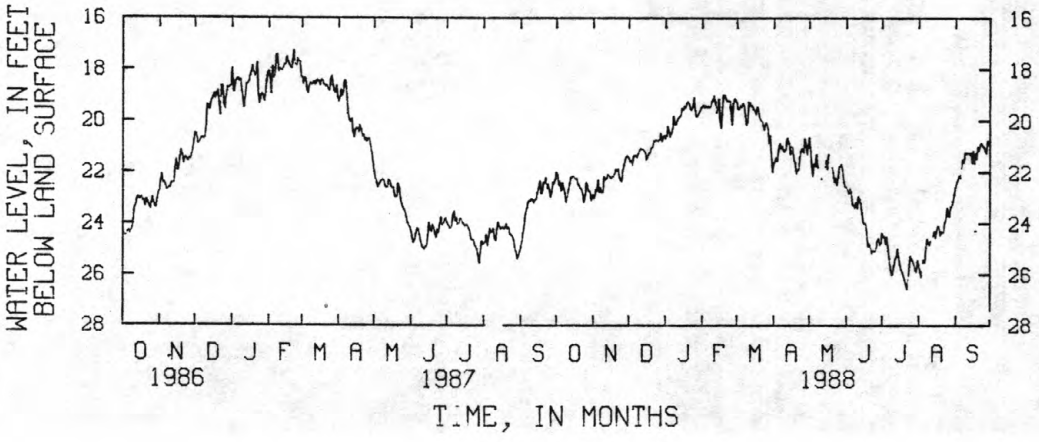
BEAUFORT COUNTY

320910080472001. Local number, BFT-439.
LOCATION.--Lat 32°09'10'', long 80°47'20'', Hydrologic Unit 03050208, 1.0 mi northwest of Braddock Point, 3.0 mi southwest of Forest Beach on Calibogue Cay Road at Sea Pines Plantation, on Hilton Head Island.
Owner: Sea Pines Plantation.
AQUIFER.--Ocala Limestone.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.02	22.90	21.46	20.68	19.44	19.29	21.68	20.67	22.59	24.37	25.62	22.57
2	22.12	23.09	21.59	20.58	19.40	19.55	21.57	21.18	22.71	24.53	25.94	22.40
3	22.51	22.70	21.53	20.22	19.49	19.55	21.44	21.80	22.84	24.50	26.13	22.31
4	22.37	22.74	21.78	20.42	19.42	19.42	21.57	22.15	22.58	24.80	25.68	22.17
5	22.73	22.32	21.38	20.62	19.48	19.48	21.09	21.68	22.78	24.53	25.42	22.22
6	22.43	22.79	21.36	20.48	19.43	19.33	20.90	21.74	23.28	24.97	25.54	21.86
7	22.64	22.63	21.36	20.31	19.48	19.41	21.07	21.31	23.30	25.39	24.92	21.51
8	22.84	22.84	21.44	19.83	19.46	19.79	21.00	21.82	23.39	25.77	24.62	21.63
9	23.17	22.78	21.29	20.13	19.27	20.16	21.15	---	23.19	26.02	24.78	21.23
10	22.95	22.20	21.17	20.14	19.18	20.06	21.19	---	23.40	26.00	24.84	21.28
11	22.68	22.29	21.09	19.96	19.04	19.28	21.12	22.26	22.96	25.65	24.70	21.26
12	22.44	22.26	21.11	19.89	19.27	19.30	20.69	---	23.05	25.41	---	21.25
13	22.22	22.12	21.13	19.83	19.69	19.42	20.67	---	23.20	25.31	24.49	21.29
14	22.20	22.11	21.16	19.78	19.52	19.42	20.90	21.79	23.63	25.02	24.33	21.24
15	22.16	22.18	21.24	19.52	19.17	19.56	21.28	21.53	23.97	25.33	24.58	21.64
16	22.21	22.24	21.52	19.56	20.02	19.61	20.92	21.88	24.02	25.61	24.28	21.18
17	22.27	22.19	21.45	19.43	20.27	19.74	21.03	21.31	24.02	25.80	24.12	21.67
18	22.25	22.17	21.25	19.48	19.46	19.46	21.53	---	24.41	25.88	24.12	21.27
19	22.48	22.08	21.24	19.31	19.00	19.54	21.64	---	24.91	26.06	24.47	21.48
20	22.53	21.90	21.07	19.27	19.00	19.84	22.04	21.81	24.81	26.23	24.32	21.02
21	22.63	21.98	21.04	19.36	19.17	19.97	21.93	22.03	24.97	26.38	24.37	21.14
22	22.69	21.89	20.79	19.55	19.23	20.03	21.90	22.38	25.18	26.57	24.33	20.91
23	22.89	22.23	20.81	19.59	19.23	20.19	21.38	22.26	25.07	26.19	23.96	20.87
24	23.18	22.31	20.75	19.43	19.24	20.36	21.16	22.49	25.11	25.70	23.88	20.96
25	22.90	22.37	20.78	19.11	19.73	20.11	21.08	22.20	25.10	25.27	23.40	21.03
26	22.40	21.95	20.81	19.59	20.15	20.08	21.22	21.79	24.95	25.40	23.70	21.17
27	22.51	21.74	20.72	19.81	19.35	20.30	20.69	21.76	24.68	25.51	23.74	21.26
28	22.74	21.50	20.48	19.82	19.14	20.87	20.89	21.69	24.60	25.62	23.38	20.77
29	22.75	21.39	20.81	19.72	19.19	20.57	21.29	21.93	24.84	25.84	23.30	20.77
30	23.09	21.36	20.64	19.62	---	21.48	20.97	22.45	24.80	25.91	23.14	20.93
31	22.97	---	20.58	19.50	---	21.99	---	22.59	---	25.45	22.86	---
MEAN	22.58	22.24	21.12	19.82	19.41	19.91	21.23	---	23.94	25.52	---	21.41
MAX	23.18	23.09	21.78	20.68	20.27	21.99	22.04	---	25.18	26.57	---	22.57
MIN	22.02	21.36	20.48	19.11	19.00	19.28	20.67	---	22.58	24.37	---	20.77

CAL YR 1987 MEAN 21.71 HIGH 17.27 LOW 25.56

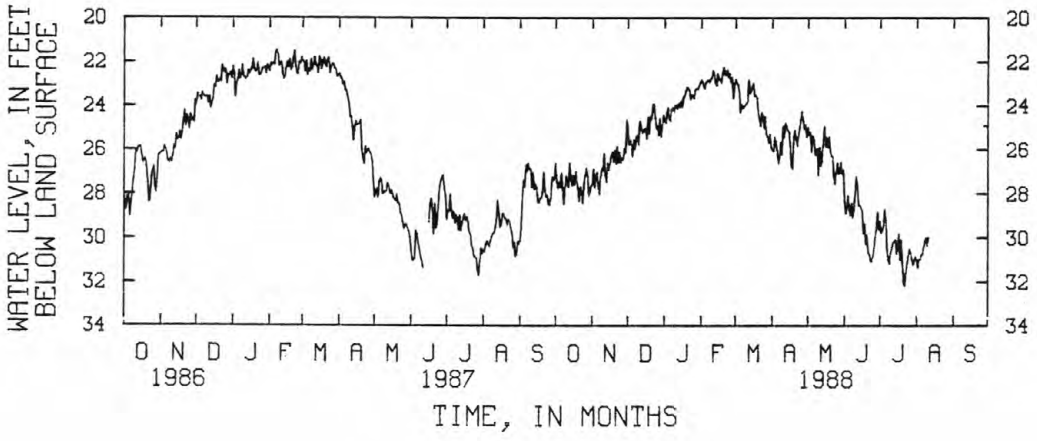


BEAUFORT COUNTY

321125080423000. Local number, BFT-444.
LOCATION.--Lat 32°11'25'', long 80°42'30'', 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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.64	27.60	24.98	24.70	22.83	22.80	26.05	25.01	28.36	29.30	31.02	---
2	27.47	26.90	25.78	24.78	22.90	22.93	26.12	25.33	28.91	29.80	31.37	---
3	27.76	27.74	25.61	24.30	23.11	23.07	25.44	25.22	28.59	29.67	31.01	---
4	27.50	27.19	25.80	24.11	23.22	23.38	25.65	26.13	28.11	29.49	30.99	---
5	27.71	27.05	26.33	24.61	22.94	24.33	26.03	25.37	28.76	28.74	30.80	---
6	27.06	27.76	25.58	24.70	22.87	23.97	26.63	25.56	28.98	29.29	30.74	---
7	27.91	28.03	25.98	24.16	22.84	24.11	26.37	26.26	28.45	30.64	30.41	---
8	28.47	27.23	25.42	24.12	22.94	24.07	25.67	26.16	29.09	31.04	30.15	---
9	27.73	26.86	25.36	24.25	22.78	23.98	26.24	25.98	28.78	31.20	30.01	---
10	27.22	26.94	25.79	24.00	22.70	23.90	24.94	27.17	27.95	30.70	30.36	---
11	27.66	26.19	24.69	23.98	22.40	23.85	25.45	25.91	27.24	30.46	30.00	---
12	27.70	27.17	24.89	24.13	22.60	22.83	24.80	26.76	27.59	30.23	---	---
13	26.61	27.49	25.25	23.91	23.00	23.43	24.93	26.55	28.55	30.18	---	---
14	27.38	26.62	25.20	24.05	23.07	23.33	25.13	25.55	28.54	30.09	---	---
15	27.66	26.93	25.07	23.81	22.55	23.14	25.23	24.96	28.67	30.74	---	---
16	27.19	26.66	25.05	24.05	22.79	23.02	25.90	25.89	28.79	30.56	---	---
17	27.59	26.24	25.51	23.61	22.82	23.54	26.77	25.48	29.80	29.83	---	---
18	27.02	26.12	24.55	23.51	22.94	23.53	26.87	25.91	29.39	31.01	---	---
19	27.48	26.56	25.27	23.35	22.49	23.66	25.44	25.45	30.30	30.11	---	---
20	27.82	26.05	24.51	23.17	22.26	24.28	25.14	26.09	29.90	31.25	---	---
21	28.34	26.64	24.60	23.19	22.58	24.67	25.55	26.31	30.69	32.07	---	---
22	27.71	25.87	23.95	23.27	22.59	24.93	25.83	26.36	30.77	32.20	---	---
23	28.06	26.59	23.93	23.71	22.39	24.31	25.38	27.31	31.05	31.60	---	---
24	28.45	26.15	24.58	23.52	22.69	24.43	24.98	27.57	31.10	31.17	---	---
25	27.51	26.59	25.06	23.53	22.56	25.04	24.65	27.04	30.86	30.82	---	---
26	27.15	26.41	24.95	23.66	22.92	24.52	24.28	26.62	30.50	30.52	---	---
27	26.82	26.46	25.36	23.28	22.73	25.32	24.70	27.10	29.99	30.69	---	24.91
28	27.24	25.98	24.60	23.22	23.68	25.43	25.07	27.06	29.59	31.04	---	24.90
29	28.12	26.14	25.44	23.28	23.14	25.69	24.89	26.59	28.85	31.23	---	24.92
30	27.93	24.65	24.94	23.10	---	25.32	25.46	27.12	29.62	31.03	---	25.00
31	27.68	---	24.45	22.96	---	25.95	---	26.94	---	30.87	---	---
MEAN	27.57	26.69	25.11	23.81	22.80	24.09	25.52	26.22	29.26	30.57	---	---
MAX	28.47	28.03	26.33	24.78	23.68	25.95	26.87	27.57	31.10	32.20	---	---
MIN	26.61	24.65	23.93	22.96	22.26	22.80	24.28	24.96	27.24	28.74	---	---

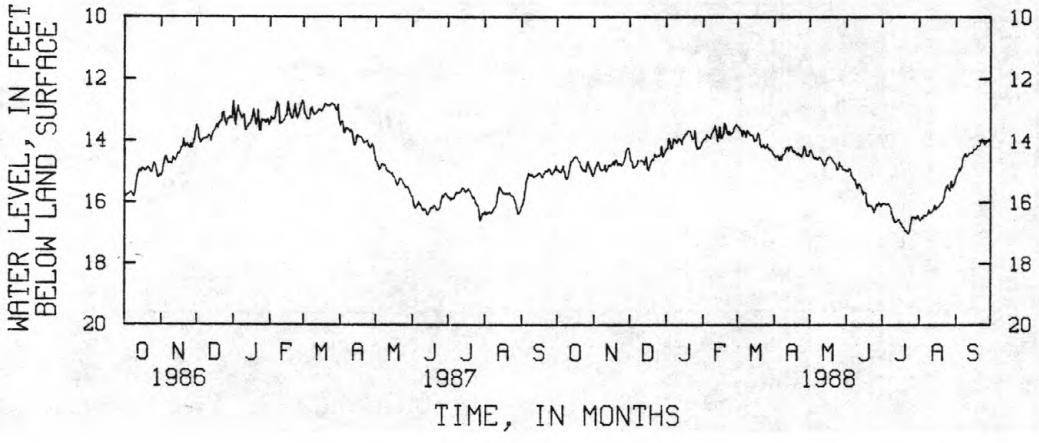


BEAUFORT COUNTY

321459080420101. Local number, BFT-786.
LOCATION.--Lat 32°14'59'', long 80°42'01'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at 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, Jul. 17, 1986.

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	14.94	15.07	14.42	14.29	13.99	13.53	14.49	14.34	14.98	16.06	16.56	15.18
2	14.96	14.90	14.64	14.24	13.95	13.58	14.55	14.31	15.01	16.04	16.59	15.10
3	15.02	14.82	14.71	13.93	13.93	13.65	14.51	14.45	14.92	16.04	16.50	15.03
4	15.05	14.71	14.89	14.03	13.81	13.67	14.50	14.55	14.93	16.07	16.53	14.90
5	14.95	14.70	14.86	14.27	13.87	13.85	14.63	14.59	15.14	16.09	16.44	14.96
6	14.83	14.90	14.85	14.23	13.90	13.67	14.54	14.57	15.20	16.04	16.44	14.83
7	15.01	14.96	14.79	13.97	13.94	13.75	14.63	14.61	15.28	16.12	16.45	14.57
8	15.19	14.97	14.66	13.96	13.80	13.88	14.47	14.61	15.27	16.17	16.38	14.48
9	15.26	14.95	---	14.08	13.71	13.68	14.45	14.55	15.43	16.35	16.26	14.42
10	15.20	14.80	14.66	14.05	13.63	13.73	14.36	14.56	15.56	16.48	16.34	14.52
11	15.00	15.00	14.64	13.96	13.51	13.79	14.25	14.65	15.41	16.63	16.34	14.49
12	14.80	14.96	14.67	13.95	13.69	13.83	14.21	14.74	15.42	16.66	16.31	14.42
13	14.68	14.82	14.78	14.00	14.03	13.82	14.34	14.83	15.49	16.64	16.24	14.41
14	14.66	14.80	14.67	14.12	13.86	13.87	14.22	14.78	15.65	16.59	16.10	14.39
15	14.57	14.84	14.54	13.93	13.56	14.03	14.20	14.64	15.75	16.57	16.23	14.40
16	14.53	14.77	14.91	13.88	13.93	14.00	14.30	14.57	15.69	16.68	16.16	14.30
17	14.52	14.69	14.97	13.78	13.91	13.98	14.37	14.55	15.72	16.72	16.17	14.30
18	14.57	14.79	14.79	13.79	13.79	13.77	14.34	14.53	16.04	16.80	16.11	14.26
19	14.66	14.65	14.69	13.70	13.44	13.81	14.41	14.56	16.14	16.83	16.05	14.18
20	14.70	14.62	14.61	13.69	13.52	14.11	14.46	14.64	16.11	16.93	16.00	14.16
21	14.85	14.80	14.63	13.70	13.73	14.21	14.40	14.71	16.13	16.95	15.99	14.18
22	14.93	14.76	14.46	13.86	13.81	14.18	14.48	14.74	16.13	17.02	15.83	14.02
23	14.98	14.75	14.52	13.95	13.72	14.14	14.48	14.79	16.23	17.04	15.63	13.96
24	14.96	14.82	14.53	13.92	13.81	14.24	14.53	14.94	16.33	16.94	15.51	14.04
25	15.01	14.79	14.48	13.68	13.77	14.22	14.44	14.94	16.23	16.70	15.44	14.13
26	14.77	14.70	14.50	14.17	13.74	14.13	14.19	14.71	16.10	16.50	15.55	14.11
27	14.67	14.56	14.46	14.27	13.61	14.26	14.25	14.82	16.12	16.49	15.62	14.04
28	14.87	14.34	14.18	14.26	13.54	14.31	14.49	14.85	16.02	16.49	15.33	13.99
29	14.94	14.26	14.54	14.26	13.48	14.30	14.51	14.94	16.07	16.54	15.50	13.95
30	15.07	14.25	14.48	14.19	---	14.36	14.51	14.94	16.14	16.50	15.44	14.02
31	15.16	---	14.37	14.07	---	14.43	---	14.98	---	16.44	15.35	---
MEAN	14.88	14.76	---	14.01	13.76	13.96	14.42	14.68	15.69	16.52	16.04	14.39
MAX	15.26	15.07	---	14.29	14.03	14.43	14.63	14.98	16.33	17.04	16.59	15.18
MIN	14.52	14.25	---	13.68	13.44	13.53	14.19	14.31	14.92	16.04	15.33	13.95



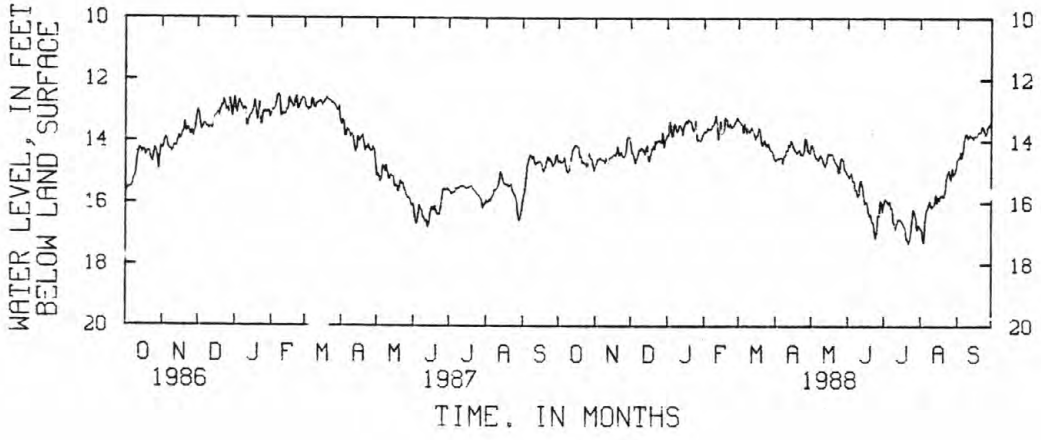
BEAUFORT COUNTY

321459080420102. Local number, BFT-787.
LOCATION.--Lat 32°14'59'', long 80°42'01'', Hydrologic Unit 03050208, north end of Hilton Head Island, 2.4 mi northwest of Hilton Head Tower, and at 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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.68	14.86	14.11	13.84	13.72	13.31	14.64	14.16	15.10	16.05	16.84	14.62
2	14.62	14.70	14.39	13.79	13.70	13.37	14.60	14.13	15.21	15.90	16.92	14.55
3	14.69	14.61	14.40	13.38	13.71	13.45	14.56	14.31	15.12	15.92	17.24	14.53
4	14.70	14.61	14.57	13.55	13.59	13.52	14.58	14.45	15.05	15.98	17.30	14.38
5	14.67	14.55	14.73	13.86	13.63	13.71	14.55	14.55	15.29	16.05	16.59	14.53
6	14.55	14.61	14.60	13.81	13.61	13.45	14.55	14.56	15.31	15.97	16.27	14.33
7	14.78	14.62	14.44	13.45	13.63	13.59	14.73	14.61	15.58	16.18	16.20	13.97
8	14.97	14.63	14.30	13.51	13.51	13.77	14.51	14.53	15.58	16.18	16.06	13.81
9	15.04	14.72	14.31	13.73	13.48	13.58	14.46	14.45	15.80	16.62	15.95	13.76
10	14.96	14.52	14.23	13.68	13.36	13.72	14.32	14.52	15.73	16.72	16.17	13.89
11	14.75	14.67	14.28	13.51	13.19	13.65	14.30	14.66	15.33	16.87	16.14	13.87
12	14.53	14.72	14.35	13.50	13.45	13.56	14.13	14.76	15.29	16.69	16.09	13.79
13	14.30	14.56	14.46	13.62	13.93	13.65	14.18	14.83	15.45	16.56	16.01	13.84
14	14.23	14.53	14.23	13.79	13.67	13.77	14.00	14.69	15.77	16.57	15.77	13.88
15	14.15	14.54	14.17	13.54	13.38	13.94	14.05	14.47	16.05	16.54	16.01	13.94
16	14.17	14.48	14.62	13.44	13.80	13.85	14.19	14.41	15.97	16.62	15.85	13.83
17	14.17	14.44	14.67	13.36	13.74	13.79	14.28	14.46	16.03	16.69	15.92	13.84
18	14.23	14.49	14.42	13.42	13.62	13.58	14.34	14.41	16.33	16.77	15.81	13.83
19	14.53	14.38	14.27	13.32	13.25	13.65	14.40	14.44	16.43	16.83	15.77	13.72
20	14.51	14.19	14.18	13.36	13.30	14.03	14.34	14.58	16.40	17.17	15.78	13.70
21	14.71	14.47	14.26	13.40	13.51	14.14	14.30	14.68	16.62	17.24	15.81	13.72
22	14.70	14.42	14.02	13.54	13.53	14.04	14.43	14.74	16.67	17.34	15.57	13.54
23	14.75	14.37	14.05	13.66	13.46	13.97	14.42	14.81	16.94	17.23	15.22	13.52
24	14.74	14.49	14.01	13.60	13.56	14.15	14.46	15.03	17.16	16.92	15.06	13.66
25	14.83	14.55	13.98	13.35	13.55	14.16	14.33	15.01	16.99	16.59	14.95	13.80
26	14.50	14.48	14.04	13.92	13.51	14.08	13.91	14.58	16.43	16.24	15.19	13.74
27	14.40	14.36	14.04	13.99	13.42	14.25	13.95	14.56	16.44	16.32	15.26	13.56
28	14.56	13.92	13.74	13.97	13.35	14.31	14.30	14.62	15.94	16.47	14.90	13.50
29	14.59	13.88	14.21	14.00	13.25	14.32	14.37	14.92	16.05	16.89	15.10	13.43
30	14.78	13.89	14.03	13.93	---	14.45	14.39	14.97	16.29	16.76	15.04	13.52
31	14.96	---	13.90	13.81	---	14.57	---	15.05	---	16.75	14.91	---
MEAN	14.60	14.48	14.26	13.63	13.53	13.85	14.35	14.61	15.94	16.57	15.86	13.89
MAX	15.04	14.86	14.73	14.00	13.93	14.57	14.73	15.05	17.16	17.34	17.30	14.62
MIN	14.15	13.88	13.74	13.32	13.19	13.31	13.91	14.13	15.05	15.90	14.90	13.43

CAL YR 1987 MEAN 14.50 HIGH 12.50 LOW 16.82
WTR YR 1988 MEAN 14.64 HIGH 13.19 LOW 17.34



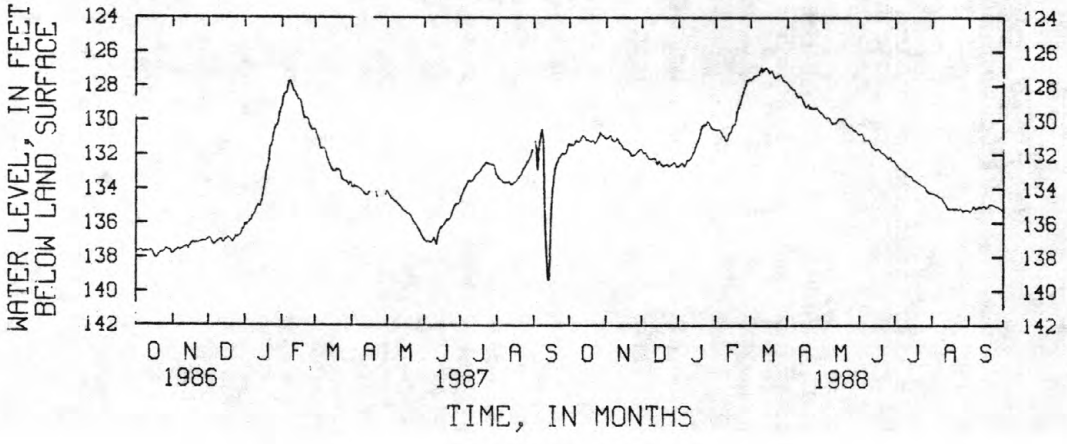
BERKELEY COUNTY

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.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	131.37	131.08	131.73	132.69	130.56	127.60	127.86	129.65	130.82	132.48	134.27	135.31
2	131.45	131.06	131.89	132.66	130.55	127.62	127.95	129.77	130.79	132.61	134.30	135.33
3	131.40	131.00	131.91	132.53	130.56	127.54	128.05	129.84	130.82	132.67	134.33	135.30
4	131.45	130.93	131.88	132.50	130.54	127.42	128.08	129.88	131.00	132.75	134.35	135.18
5	131.38	130.89	132.07	132.63	130.67	127.42	128.17	129.83	131.15	132.84	134.37	135.04
6	131.24	131.13	132.18	132.68	130.74	127.38	128.21	129.86	131.18	132.86	134.44	135.12
7	131.18	131.20	132.26	132.57	130.91	127.36	128.24	130.00	131.16	132.92	134.47	135.23
8	131.25	131.23	132.28	132.35	130.97	127.36	128.42	130.14	131.15	132.96	134.50	135.17
9	131.27	131.19	132.28	132.35	131.15	127.15	128.59	130.20	131.19	133.03	134.56	135.09
10	131.18	131.06	132.25	132.32	131.22	126.95	128.65	130.20	131.37	133.11	134.68	135.08
11	131.06	131.12	132.21	132.22	131.10	127.14	128.62	130.19	131.51	133.17	134.79	135.09
12	130.90	131.32	132.26	132.11	130.81	127.09	128.60	130.16	131.59	133.22	134.84	135.10
13	130.92	131.38	132.46	131.90	130.73	126.96	128.68	130.06	131.64	133.27	135.00	135.03
14	131.01	131.48	132.57	131.82	130.65	126.91	128.89	129.93	131.72	133.25	135.17	135.02
15	131.11	131.61	132.42	131.59	130.36	127.00	129.03	129.91	131.73	133.33	135.21	135.09
16	131.16	131.70	132.42	131.38	130.29	127.11	129.18	129.92	131.69	133.48	135.19	135.15
17	131.16	131.67	132.55	131.22	130.23	127.24	129.23	129.91	131.69	133.52	135.19	135.08
18	131.22	131.73	132.64	131.04	129.95	127.15	129.15	129.91	131.79	133.53	135.17	134.96
19	131.25	131.79	132.69	130.81	129.53	127.12	129.09	129.97	131.88	133.58	135.21	134.94
20	131.23	131.75	132.66	130.50	129.23	127.31	129.30	130.10	131.92	133.64	135.21	134.94
21	131.18	131.91	132.63	130.33	129.06	127.47	129.27	130.24	131.95	133.71	135.19	134.94
22	131.33	132.05	132.56	130.30	128.90	127.53	129.31	130.30	132.02	133.74	135.19	134.96
23	131.31	132.05	132.64	130.27	128.57	127.48	129.33	130.36	132.09	133.77	135.25	135.02
24	131.21	132.03	132.68	130.26	128.33	127.43	129.28	130.42	132.17	133.82	135.21	135.06
25	131.06	132.01	132.65	130.07	128.10	127.40	129.31	130.39	132.24	133.85	135.18	135.08
26	130.92	131.95	132.61	130.11	127.95	127.35	129.30	130.51	132.17	133.90	135.26	135.10
27	130.71	131.86	132.58	130.26	127.68	127.47	129.41	130.56	132.16	134.06	135.33	135.16
28	130.79	131.80	132.48	130.41	127.66	127.64	129.46	130.59	132.32	134.17	135.29	135.20
29	130.87	131.72	132.49	130.50	127.60	127.69	129.54	130.66	132.37	134.22	135.28	135.29
30	130.96	131.68	132.69	130.52	---	127.72	129.58	130.76	132.36	134.24	135.26	135.33
31	131.03	---	132.71	130.53	---	127.78	---	130.82	---	134.24	135.27	---
MEAN	131.15	131.51	132.40	131.40	129.81	127.35	128.86	130.16	131.65	133.42	134.93	135.11
MAX	131.45	132.05	132.71	132.69	131.22	127.78	129.58	130.82	132.37	134.24	135.33	135.33
MIN	130.71	130.89	131.73	130.07	127.60	126.91	127.86	129.65	130.79	132.48	134.27	134.94

WTR YR 1988 MEAN 131.49 HIGH 126.91 LOW 135.33



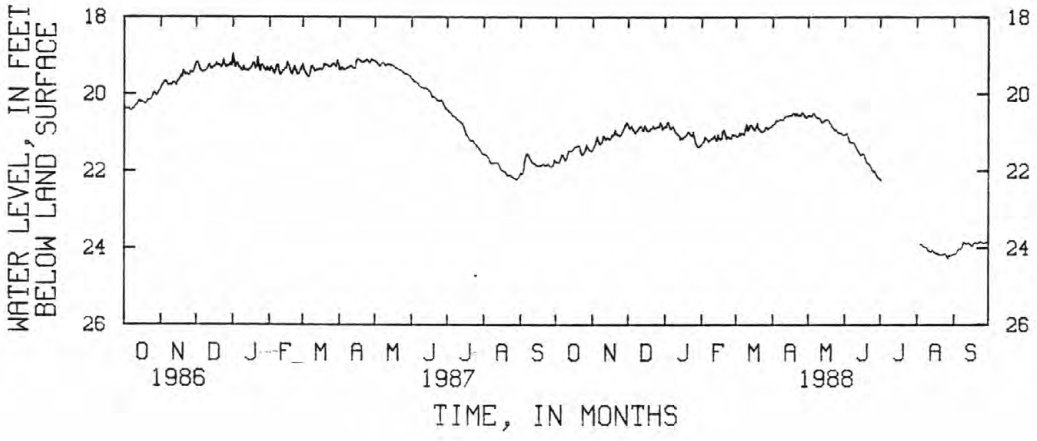
CHARLESTON COUNTY

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, 24.29 ft below land-surface datum, Aug. 27, 1988.

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	21.77	21.47	20.80	20.86	21.33	21.10	20.82	20.58	21.08	22.24	---	24.18
2	21.79	21.40	20.90	20.87	21.28	21.12	20.80	20.57	21.06	22.26	---	24.18
3	21.78	21.34	20.88	20.76	21.24	21.11	20.77	20.60	21.05	---	---	24.15
4	21.80	21.23	20.84	20.75	21.14	21.03	20.71	20.60	21.15	---	23.91	24.09
5	21.71	21.12	20.93	20.87	21.18	21.08	20.72	20.53	21.25	---	23.93	24.04
6	21.60	21.26	20.99	20.92	21.20	21.04	20.70	20.53	21.28	---	23.97	24.04
7	21.60	21.31	21.03	20.89	21.26	21.04	20.67	20.58	21.28	---	23.99	24.03
8	21.68	21.30	20.99	20.85	21.21	21.08	20.68	20.63	21.27	---	23.99	23.98
9	21.74	21.25	20.95	20.94	21.18	20.93	20.69	20.64	21.31	---	24.00	23.88
10	21.70	21.10	20.89	21.01	21.18	20.81	20.67	20.63	21.38	---	24.05	23.87
11	21.58	21.13	20.86	21.04	21.14	20.95	20.62	20.66	21.44	---	24.09	23.89
12	21.49	21.19	20.85	21.08	21.09	20.92	20.59	20.73	21.49	---	24.11	23.90
13	21.49	21.15	20.95	21.09	21.21	20.83	20.59	20.76	21.54	---	24.12	23.89
14	21.50	21.15	20.96	21.20	21.23	20.81	20.60	20.74	21.60	---	24.07	23.89
15	21.47	21.19	20.84	21.15	21.08	20.88	20.57	20.71	21.61	---	24.12	23.93
16	21.44	21.18	20.89	21.19	21.16	20.93	20.57	20.69	21.58	---	24.14	23.95
17	21.39	21.09	20.96	21.14	21.21	20.96	20.58	20.69	21.59	---	24.16	23.95
18	21.39	21.10	20.98	21.12	21.17	20.86	20.53	20.69	21.67	---	24.16	23.89
19	21.37	21.05	20.96	21.09	20.98	20.78	20.51	20.75	21.76	---	24.18	23.88
20	21.35	20.95	20.91	21.03	20.95	20.90	20.57	20.79	21.81	---	24.19	23.88
21	21.36	21.04	20.90	21.00	21.07	20.94	20.53	20.85	21.83	---	24.20	23.89
22	21.53	21.08	20.84	21.04	21.17	20.99	20.55	20.89	21.86	---	24.19	23.87
23	21.60	21.08	20.90	21.09	21.13	20.99	20.57	20.93	21.92	---	24.20	23.84
24	21.58	21.11	20.90	21.11	21.14	20.99	20.56	20.96	21.99	---	24.17	23.85
25	21.53	21.07	20.87	21.00	21.16	20.96	20.59	20.95	22.04	---	24.18	23.87
26	21.46	21.00	20.87	21.16	21.17	20.88	20.50	21.01	22.03	---	24.23	23.88
27	21.33	20.94	20.87	21.29	21.07	20.88	20.53	21.03	22.08	---	24.29	23.88
28	21.40	20.85	20.76	21.36	21.09	20.93	20.59	21.03	22.15	---	24.22	23.86
29	21.46	20.80	20.81	21.40	21.08	20.90	20.62	21.04	22.19	---	24.22	23.86
30	21.49	20.75	20.93	21.40	---	20.87	20.63	21.06	22.21	---	24.20	23.90
31	21.51	---	20.91	21.36	---	20.85	---	21.09	---	---	24.19	---
MEAN	21.54	21.12	20.90	21.07	21.16	20.95	20.62	20.77	21.62	---	---	23.94
MAX	21.80	21.47	21.03	21.40	21.33	21.12	20.82	21.09	22.21	---	---	24.18
MIN	21.33	20.75	20.76	20.75	20.95	20.78	20.50	20.53	21.05	---	---	23.84

CAL YR 1987 MEAN 20.42 HIGH 18.97 LOW 22.25



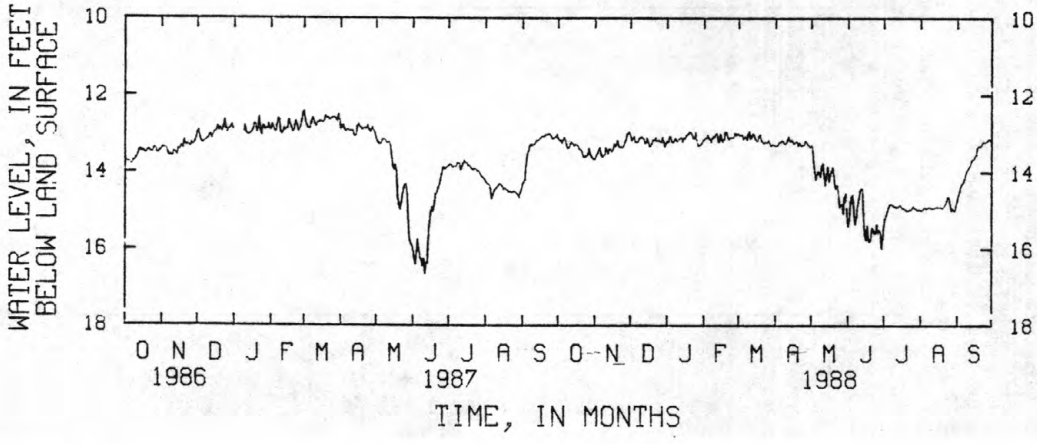
CHARLESTON COUNTY

330247079340300. Local number, CHN-101.
LOCATION.--Lat 33°02'47'', long 79°34'03'', Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Highway 913 and U.S. Highway junction, 200 ft south of U.S. 17.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.13	13.65	13.04	13.20	13.15	13.02	13.31	13.31	15.41	15.40	14.98	14.72
2	13.16	13.56	13.17	13.22	13.12	13.04	13.32	13.32	15.25	15.22	15.01	14.60
3	13.18	13.50	13.12	13.08	13.12	13.04	13.29	13.74	14.77	15.10	14.97	14.50
4	13.25	13.42	13.09	13.09	13.03	13.02	13.22	13.98	14.64	15.01	14.93	14.37
5	13.17	13.37	13.21	13.20	13.13	13.14	13.24	14.18	14.59	14.92	14.92	14.31
6	13.11	13.55	13.23	13.24	13.15	13.08	13.18	14.06	15.16	14.85	14.95	14.28
7	13.18	13.59	13.22	13.19	13.22	13.10	13.18	13.98	15.35	14.83	14.93	14.19
8	13.31	13.58	13.14	13.13	13.12	13.16	13.24	14.04	15.18	14.84	14.92	14.10
9	13.38	13.54	13.11	13.18	13.08	13.01	13.27	14.12	14.88	14.87	14.91	13.98
10	13.36	13.38	13.09	13.19	13.08	12.94	13.24	13.82	14.67	14.89	14.95	13.92
11	13.27	13.44	13.10	13.14	13.01	13.12	13.16	13.77	14.50	14.92	14.93	13.87
12	13.23	13.51	13.13	13.13	13.00	13.07	13.08	14.14	14.42	14.91	14.94	13.81
13	13.25	13.41	13.25	13.10	13.20	13.00	13.17	14.33	14.44	14.90	14.93	13.71
14	13.31	13.41	13.23	13.21	13.20	13.02	13.20	14.02	15.23	14.86	14.90	13.66
15	13.29	13.46	13.11	13.12	13.01	13.13	13.15	13.87	15.64	14.86	14.91	13.65
16	13.29	13.42	13.23	13.13	13.16	13.17	13.24	14.24	15.76	14.92	14.91	13.60
17	13.31	13.29	13.34	13.05	13.20	13.18	13.25	14.09	15.39	14.93	14.92	13.55
18	13.39	13.33	13.31	13.02	13.14	13.06	13.21	13.98	15.75	14.94	14.91	13.38
19	13.40	13.28	13.25	13.00	12.96	13.03	13.21	13.88	15.81	14.97	14.92	13.33
20	13.42	13.19	13.17	12.95	12.97	13.17	13.31	14.09	15.76	15.00	14.93	13.32
21	13.48	13.34	13.18	12.97	13.10	13.21	13.24	14.36	15.45	15.00	14.88	13.32
22	13.60	13.35	13.11	13.04	13.15	13.25	13.29	14.41	15.48	15.00	14.83	13.26
23	13.60	13.34	13.19	13.11	13.12	13.22	13.32	14.34	15.59	14.97	14.74	13.21
24	13.59	13.36	13.18	13.13	13.11	13.24	13.30	14.55	15.58	14.98	14.65	13.22
25	13.59	13.33	13.17	12.98	13.11	13.23	13.30	14.91	15.37	14.93	14.65	13.22
26	13.52	13.23	13.20	13.18	13.11	13.17	13.19	14.86	15.62	14.89	14.84	13.18
27	13.39	13.16	13.23	13.31	12.99	13.23	13.22	14.84	15.49	14.93	14.99	13.16
28	13.54	13.02	13.10	13.31	13.05	13.32	13.27	15.07	15.56	14.95	14.95	13.14
29	13.60	12.98	13.22	13.30	12.99	13.29	13.31	14.67	15.99	14.98	14.99	13.16
30	13.64	12.95	13.33	13.25	---	13.28	13.36	14.57	15.74	14.98	15.01	13.20
31	13.67	---	13.25	13.19	---	13.30	---	15.13	---	14.97	14.87	---
MEAN	13.37	13.36	13.18	13.14	13.10	13.14	13.24	14.22	15.28	14.96	14.91	13.70
MAX	13.67	13.65	13.34	13.31	13.22	13.32	13.36	15.13	15.99	15.40	15.01	14.72
MIN	13.11	12.95	13.04	12.95	12.96	12.94	13.08	13.31	14.42	14.83	14.65	13.14

WTR YR 1988 MEAN 13.80 HIGH 12.94 LOW 15.99

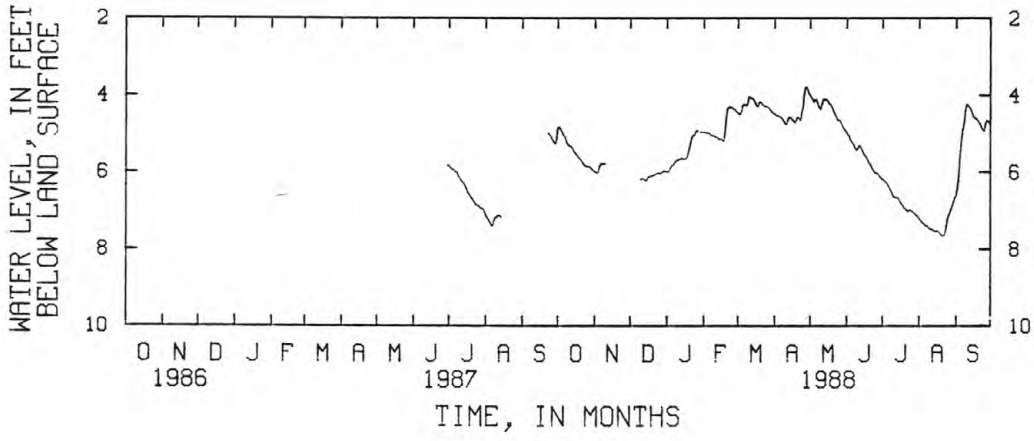


CHARLESTON COUNTY

323048080181401.Local number, CHN-549.
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 odservation 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 1986 TO SEPTEMBER 1987
MEAN VALUES

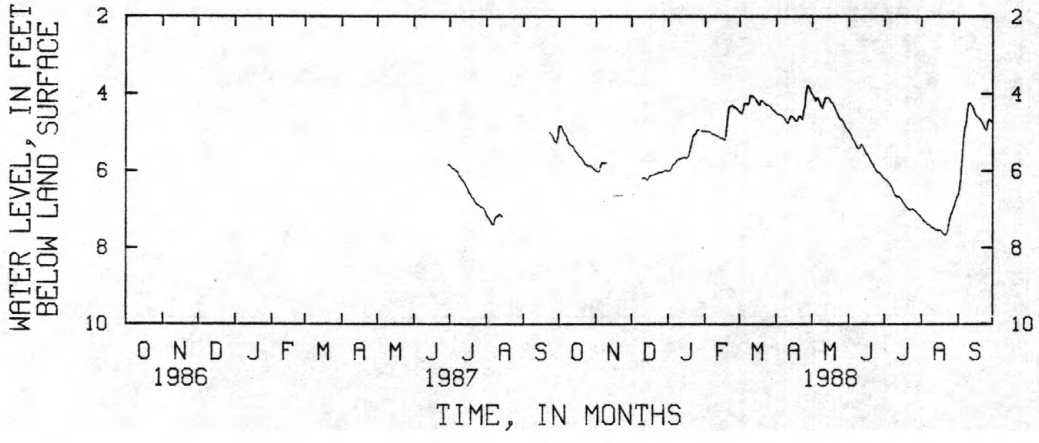
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	5.86	7.19	7.60
2	---	---	---	---	---	---	---	---	---	5.90	7.25	7.58
3	---	---	---	---	---	---	---	---	---	5.94	7.29	7.49
4	---	---	---	---	---	---	---	---	---	5.96	7.35	7.21
5	---	---	---	---	---	---	---	---	---	5.97	7.40	5.99
6	---	---	---	---	---	---	---	---	---	6.00	7.46	4.95
7	---	---	---	---	---	---	---	---	---	6.02	7.45	4.51
8	---	---	---	---	---	---	---	---	---	6.06	7.32	4.33
9	---	---	---	---	---	---	---	---	---	6.14	7.27	4.33
10	---	---	---	---	---	---	---	---	---	6.19	7.25	4.38
11	---	---	---	---	---	---	---	---	---	6.24	7.22	4.44
12	---	---	---	---	---	---	---	---	---	6.28	7.20	4.50
13	---	---	---	---	---	---	---	---	---	6.31	7.22	4.51
14	---	---	---	---	---	---	---	---	---	6.37	7.26	4.55
15	---	---	---	---	---	---	---	---	---	6.44	7.28	4.62
16	---	---	---	---	---	---	---	---	---	6.51	7.31	4.68
17	---	---	---	---	---	---	---	---	---	6.58	7.33	4.74
18	---	---	---	---	---	---	---	---	---	6.63	7.38	4.82
19	---	---	---	---	---	---	---	---	---	6.67	7.42	---
20	---	---	---	---	---	---	---	---	---	6.72	7.45	---
21	---	---	---	---	---	---	---	---	---	6.76	7.44	---
22	---	---	---	---	---	---	---	---	---	6.82	7.44	---
23	---	---	---	---	---	---	---	---	---	6.87	7.45	5.00
24	---	---	---	---	---	---	---	---	---	6.90	7.48	5.04
25	---	---	---	---	---	---	---	---	---	6.92	7.50	5.08
26	---	---	---	---	---	---	---	---	---	6.94	7.51	5.14
27	---	---	---	---	---	---	---	---	---	6.98	7.54	5.21
28	---	---	---	---	---	---	---	---	---	7.00	7.59	5.25
29	---	---	---	---	---	---	---	---	---	7.01	7.62	5.28
30	---	---	---	---	---	---	---	---	---	7.04	7.65	5.14
31	---	---	---	---	---	---	---	---	---	7.11	7.65	---
MEAN	---	---	---	---	---	---	---	---	---	6.49	7.39	---
MAX	---	---	---	---	---	---	---	---	---	7.11	7.65	---
MIN	---	---	---	---	---	---	---	---	---	5.86	7.19	---



323048080181401.Local number, CHN-549--Continued

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.87	6.01	---	6.00	4.97	4.47	4.50	4.01	4.99	6.20	7.22	6.62
2	4.84	6.02	---	6.00	4.97	4.50	4.53	4.06	5.04	6.23	7.27	6.47
3	4.86	6.04	---	5.97	4.98	4.52	4.54	4.12	5.08	6.26	7.31	6.26
4	4.94	6.02	---	5.91	4.98	4.43	4.55	4.18	5.17	6.29	7.33	5.89
5	5.01	5.87	---	5.85	4.99	4.27	4.56	4.13	5.22	6.33	7.35	5.46
6	5.06	5.80	---	5.82	5.02	4.25	4.59	4.12	5.27	6.38	7.40	5.09
7	5.10	5.80	---	5.80	5.05	4.25	4.61	4.20	5.33	6.44	7.41	4.87
8	5.20	5.80	---	5.74	5.06	4.28	4.66	4.29	5.40	6.50	7.41	4.74
9	5.28	5.80	---	5.72	5.06	4.24	4.72	4.34	5.44	6.57	7.47	4.41
10	5.32	5.79	6.20	5.70	5.08	4.06	4.76	4.38	5.42	6.64	7.48	4.26
11	5.34	---	6.19	5.68	5.10	4.05	4.77	4.23	5.34	6.67	7.49	4.24
12	5.35	---	6.19	5.68	5.10	4.07	4.67	4.13	5.33	6.68	7.51	4.28
13	5.39	---	6.22	5.66	5.13	4.08	4.59	4.12	5.39	6.68	7.54	4.33
14	5.46	---	6.25	5.66	5.16	4.11	4.59	4.12	5.46	6.70	7.55	4.40
15	5.50	---	6.22	5.66	5.16	4.17	4.62	4.11	5.52	6.74	7.56	4.48
16	5.54	---	6.15	5.67	5.15	4.22	4.65	4.16	5.57	6.79	7.55	4.56
17	5.59	---	6.13	5.66	5.19	4.28	4.70	4.22	5.61	6.84	7.56	4.60
18	5.63	---	6.12	5.62	5.20	4.28	4.72	4.24	5.67	6.88	7.59	4.62
19	5.66	---	6.11	5.50	4.96	4.19	4.67	4.30	5.73	6.93	7.63	4.65
20	5.69	---	6.10	5.39	4.60	4.18	4.60	4.36	5.79	6.97	7.66	4.69
21	5.73	---	6.09	5.23	4.37	4.21	4.59	4.43	5.83	7.00	7.68	4.74
22	5.78	---	6.07	5.11	4.33	4.25	4.64	4.51	5.90	7.02	7.66	4.81
23	5.83	---	6.05	5.06	4.32	4.28	4.67	4.57	5.95	7.03	7.58	4.87
24	5.85	---	6.05	5.04	4.31	4.29	4.44	4.64	6.00	7.01	7.41	4.93
25	5.87	---	6.04	4.97	4.33	4.30	4.33	4.67	6.04	7.01	7.23	4.94
26	5.88	---	6.04	4.94	4.35	4.31	3.96	4.68	6.05	7.03	7.13	4.75
27	5.87	---	6.03	4.94	4.37	4.33	3.81	4.73	6.06	7.06	7.07	4.68
28	5.88	---	6.02	---	4.40	4.38	3.80	4.79	6.10	7.09	6.98	4.69
29	5.92	---	5.99	4.96	4.45	4.42	3.87	4.85	6.14	7.13	6.89	4.72
30	5.96	---	5.99	4.96	---	4.45	3.96	4.91	6.19	7.15	6.78	4.76
31	5.98	---	6.00	4.97	---	4.48	---	4.95	---	7.18	6.69	---
MEAN	5.49	---	---	---	4.83	4.28	4.49	4.37	5.60	6.76	7.37	4.89
MAX	5.98	---	---	---	5.20	4.52	4.77	4.95	6.19	7.18	7.68	6.62
MIN	4.84	---	---	---	4.31	4.05	3.80	4.01	4.99	6.20	6.69	4.24

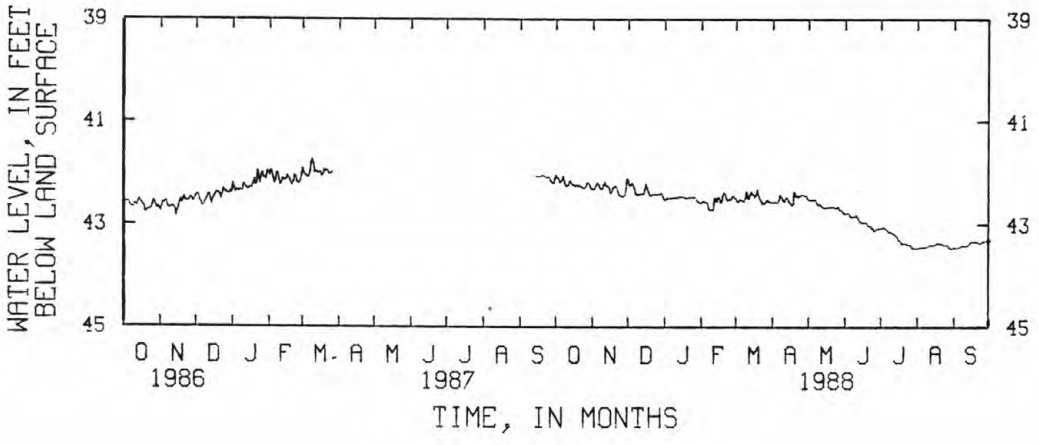


COLLETON COUNTY

330256080354500. Local number, COL-97.
LOCATION.--Lat 33°02'56'', long 80°35'45'', Hydrologic Unit 03050205, 1.6 mi southeast of Canadys, at intersection of State Highway 61 and State Road 45.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee 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.
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 43.48 ft below land-surface datum, July 31, 1988.

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	42.06	42.32	42.14	42.54	42.59	42.51	42.58	42.53	42.80	43.08	43.47	43.45
2	42.10	42.32	42.24	42.52	42.56	42.56	42.58	42.53	42.80	43.07	43.46	43.46
3	42.12	42.29	42.25	42.51	42.56	42.57	42.58	42.53	42.79	43.06	43.46	43.46
4	42.19	42.23	42.20	42.51	42.58	42.53	42.58	42.54	42.79	43.07	43.45	43.46
5	42.18	42.20	42.24	42.50	42.57	42.53	42.59	42.53	42.84	43.09	43.45	43.44
6	42.13	42.25	42.31	42.50	42.60	42.55	42.54	42.53	42.86	43.11	43.44	43.44
7	42.07	42.30	42.41	42.50	42.70	42.55	42.44	42.53	42.86	43.14	43.45	43.43
8	42.19	42.32	42.42	42.49	42.72	42.57	42.45	42.59	42.86	43.16	43.44	43.41
9	42.25	42.32	42.43	42.49	42.73	42.50	42.52	42.62	42.85	43.15	43.44	43.42
10	42.26	42.24	42.43	42.49	42.72	42.37	42.55	42.63	42.83	43.16	43.42	43.42
11	42.25	42.19	42.42	42.50	42.73	42.48	42.55	42.62	42.87	43.18	43.41	43.42
12	42.19	42.25	42.42	42.48	42.50	42.52	42.50	42.65	42.91	43.19	43.41	43.41
13	42.16	42.26	42.41	42.48	42.51	42.43	42.49	42.67	42.94	43.21	43.40	43.40
14	42.22	42.27	42.42	42.47	42.56	42.38	42.55	42.68	42.96	43.23	43.41	43.38
15	42.24	42.32	42.32	42.47	42.49	42.42	42.58	42.69	42.97	43.26	43.40	43.35
16	42.25	42.40	42.23	42.47	42.48	42.43	42.61	42.68	42.97	43.31	43.40	43.34
17	42.26	42.36	42.30	42.48	42.57	42.47	42.64	42.68	42.97	43.31	43.38	43.34
18	42.25	42.29	42.38	42.49	42.58	42.43	42.61	42.68	42.97	43.36	43.36	43.34
19	42.25	42.30	42.43	42.49	42.45	42.33	42.38	42.67	42.99	43.38	43.38	43.34
20	42.26	42.26	42.45	42.50	42.40	42.44	42.44	42.68	43.03	43.38	43.38	43.34
21	42.25	42.28	42.44	42.49	42.41	42.50	42.46	42.67	43.03	43.38	43.37	43.35
22	42.28	42.38	42.43	42.48	42.51	42.55	42.47	42.67	43.03	43.37	43.39	43.36
23	42.29	42.43	42.42	42.48	42.53	42.60	42.46	42.68	43.08	43.39	43.40	43.36
24	42.31	42.45	42.43	42.48	42.53	42.59	42.46	42.70	43.07	43.40	43.40	43.36
25	42.30	42.46	42.43	42.49	42.51	42.60	42.44	42.69	43.13	43.40	43.40	43.34
26	42.27	42.46	42.43	42.47	42.52	42.58	42.43	42.66	43.12	43.40	43.39	43.34
27	42.21	42.46	42.42	42.48	42.47	42.54	42.44	42.72	43.10	43.44	43.43	43.33
28	42.20	42.44	42.42	42.53	42.45	42.54	42.45	42.73	43.09	43.47	43.47	---
29	42.23	42.31	42.40	42.57	42.49	42.57	42.45	42.73	43.09	43.47	43.47	---
30	42.29	42.13	42.46	42.58	---	42.58	42.50	42.77	43.09	43.47	43.47	43.32
31	42.32	---	42.52	42.59	---	42.58	---	42.79	---	43.48	43.46	---
MEAN	42.22	42.32	42.38	42.50	42.55	42.51	42.51	42.65	42.96	43.28	43.42	---
MAX	42.32	42.46	42.52	42.59	42.73	42.60	42.64	42.79	43.13	43.48	43.47	---
MIN	42.06	42.13	42.14	42.47	42.40	42.33	42.38	42.53	42.79	43.06	43.36	---



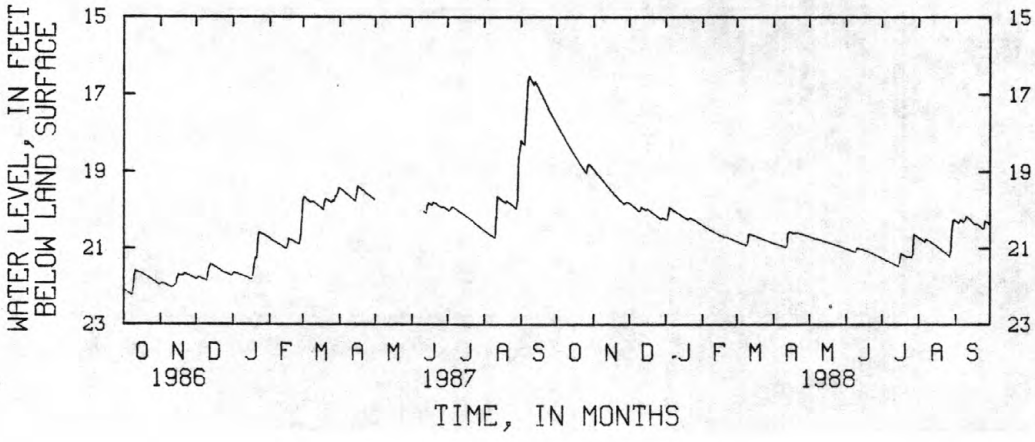
FLORENCE COUNTY

340806079563100. Local number, FLO-85.
LOCATION.--Lat 34°08'06'', long 79°56'31'', Hydrologic Unit 03040202, 136 ft off East Main Street, behind the town hall in Timmonsville.
Owner: Town of Timmonsville.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 535 ft, screened intervals 235-240, 260-270, 410-415, 480-485, 505-515 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files. Water-quality data on file in District office.
PERIOD OF RECORD.--June 1981 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.14 ft below land-surface datum, Apr. 10, 1983; lowest, 22.25 ft below land-surface datum, Oct. 8, 1986.

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	17.78	18.95	19.83	20.26	20.41	20.84	20.88	20.70	21.02	21.27	20.73	20.29
2	17.83	18.99	19.85	20.26	20.43	20.85	20.89	20.71	21.03	21.28	20.75	20.31
3	17.89	19.03	19.87	20.12	20.45	20.86	20.90	20.72	21.04	21.30	20.77	20.34
4	17.95	19.07	19.90	19.95	20.47	20.88	20.91	20.74	21.05	21.32	20.79	20.34
5	18.00	19.10	19.93	19.96	20.49	20.89	20.92	20.75	21.07	21.33	20.82	20.26
6	18.06	19.13	19.95	19.98	20.51	20.90	20.93	20.76	21.08	21.34	20.84	20.27
7	18.11	19.17	19.98	20.01	20.53	20.91	20.94	20.76	21.09	21.36	20.77	20.30
8	18.17	19.21	20.01	20.03	20.54	20.93	20.95	20.77	21.10	21.37	20.78	20.32
9	18.22	19.25	20.04	20.05	20.56	20.94	20.96	20.78	21.12	21.39	20.80	20.26
10	18.28	19.29	20.03	20.07	20.58	20.84	20.97	20.79	21.00	21.41	20.82	20.18
11	18.33	19.33	19.94	20.09	20.60	20.64	20.98	20.79	21.00	21.42	20.84	20.19
12	18.38	19.37	19.95	20.11	20.61	20.64	20.95	20.81	21.01	21.44	20.86	20.22
13	18.43	19.41	19.97	20.13	20.63	20.65	20.61	20.82	21.02	21.46	20.88	20.25
14	18.48	19.44	20.00	20.15	20.64	20.66	20.58	20.83	21.03	21.47	20.91	20.28
15	18.53	19.48	20.01	20.17	20.66	20.67	20.58	20.84	21.04	21.49	20.93	20.31
16	18.58	19.51	19.98	20.19	20.67	20.68	20.59	20.85	21.05	21.38	20.95	20.34
17	18.63	19.55	20.00	20.21	20.69	20.69	20.60	20.86	21.07	21.15	20.97	20.37
18	18.67	19.59	20.02	20.23	20.70	20.71	20.61	20.87	21.08	21.16	21.00	20.38
19	18.72	19.62	20.05	20.25	20.72	20.72	20.61	20.88	21.09	21.18	21.02	20.37
20	18.77	19.65	20.07	20.25	20.72	20.73	20.60	20.89	21.10	21.20	21.05	20.39
21	18.83	19.68	20.09	20.22	20.72	20.75	20.60	20.90	21.12	21.21	21.07	20.42
22	18.87	19.72	20.12	20.22	20.73	20.76	20.61	20.91	21.13	21.23	21.09	20.44
23	18.92	19.75	20.14	20.24	20.75	20.77	20.62	20.92	21.15	21.24	21.12	20.47
24	18.96	19.78	20.16	20.26	20.76	20.78	20.63	20.93	21.16	21.23	21.14	20.50
25	19.01	19.81	20.19	20.27	20.77	20.80	20.64	20.94	21.18	21.24	21.18	20.49
26	19.05	19.84	20.21	20.29	20.78	20.81	20.65	20.95	21.19	21.25	21.21	20.30
27	18.86	19.85	20.23	20.31	20.80	20.82	20.66	20.96	21.21	21.16	21.24	20.31
28	18.81	19.82	20.25	20.33	20.81	20.84	20.67	20.97	21.22	20.65	21.09	20.33
29	18.84	19.79	20.21	20.35	20.83	20.85	20.68	20.98	21.24	20.66	20.48	20.36
30	18.87	19.81	20.22	20.37	---	20.86	20.69	21.00	21.25	20.68	20.29	20.39
31	18.91	---	20.24	20.39	---	20.87	---	21.01	---	20.70	20.26	---
MEAN	18.51	19.47	20.05	20.18	20.64	20.79	20.75	20.85	21.10	21.22	20.89	20.33
MAX	19.05	19.85	20.25	20.39	20.83	20.94	20.98	21.01	21.25	21.49	21.24	20.50
MIN	17.78	18.95	19.83	19.95	20.41	20.64	20.58	20.70	21.00	20.65	20.26	20.18

WTR YR 1988 MEAN 20.40 HIGH 17.78 LOW 21.49



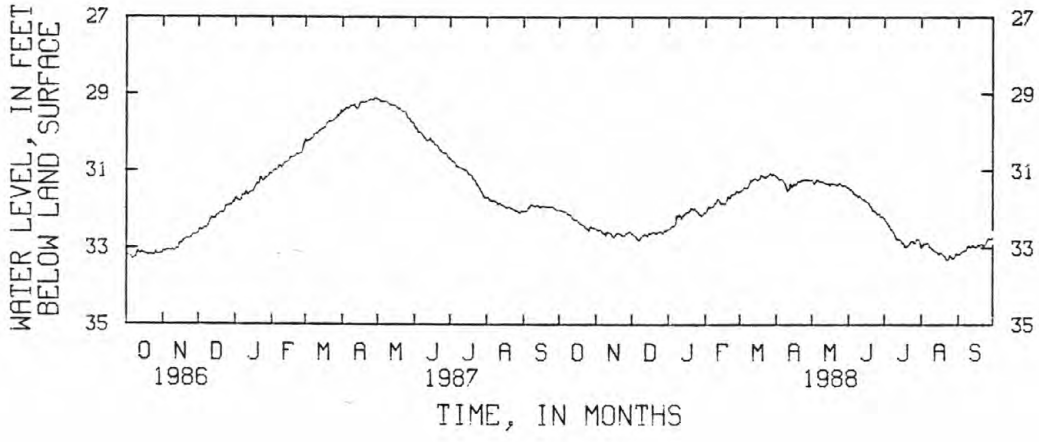
FLORENCE COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.03	32.52	32.64	32.53	32.11	31.55	31.16	31.24	31.44	32.25	33.00	33.17
2	32.03	32.56	32.67	32.53	32.05	31.53	31.18	31.31	31.50	32.31	32.96	33.18
3	32.03	32.56	32.70	32.48	32.00	31.50	31.23	31.34	31.49	32.36	32.90	33.15
4	32.07	32.56	32.71	32.46	31.95	31.46	31.22	31.31	31.53	32.38	32.91	33.12
5	32.07	32.55	32.76	32.45	31.96	31.44	31.23	31.25	31.59	32.45	32.91	33.09
6	32.07	32.61	32.80	32.44	31.96	31.46	31.23	31.24	31.63	32.52	32.88	33.10
7	32.08	32.63	32.83	32.38	31.95	31.46	31.28	31.27	31.62	32.54	32.90	33.07
8	32.13	32.65	32.77	32.18	31.93	31.43	31.33	31.28	31.65	32.60	32.98	33.09
9	32.14	32.69	32.74	32.20	31.86	31.36	31.43	31.29	31.69	32.62	32.99	32.99
10	32.16	32.61	32.71	32.16	31.83	31.27	31.53	31.28	31.66	32.69	33.04	32.96
11	32.18	32.62	32.67	32.19	31.77	31.27	31.52	31.31	31.69	32.77	33.06	32.98
12	32.23	32.61	32.67	32.25	31.74	31.25	31.47	31.32	31.73	32.79	33.08	32.99
13	32.27	32.63	32.68	32.18	31.80	31.21	31.36	31.34	31.76	32.80	33.10	32.95
14	32.29	32.67	32.72	32.17	31.86	31.21	31.42	31.35	31.76	32.78	33.11	32.96
15	32.29	32.71	32.64	32.12	31.85	31.23	31.39	31.34	31.80	32.82	33.15	32.97
16	32.29	32.74	32.65	32.11	31.86	31.25	31.35	31.39	31.81	32.88	33.17	33.00
17	32.33	32.68	32.64	32.08	31.88	31.23	31.37	31.35	31.81	32.88	33.14	32.96
18	32.37	32.65	32.62	32.09	31.85	31.21	31.36	31.34	31.85	32.97	33.15	32.93
19	32.40	32.65	32.61	32.05	31.78	31.12	31.29	31.35	31.92	32.99	33.19	32.96
20	32.40	32.63	32.60	31.99	31.69	31.14	31.28	31.36	31.95	32.98	33.21	32.92
21	32.41	32.65	32.65	32.00	31.71	31.17	31.29	31.37	32.04	32.95	33.24	32.91
22	32.45	32.67	32.62	32.02	31.73	31.17	31.26	31.37	32.06	32.90	33.32	32.95
23	32.48	32.69	32.61	31.99	31.64	31.19	31.25	31.38	32.05	32.86	33.33	32.95
24	32.51	32.70	32.60	32.04	31.62	31.16	31.24	31.34	32.08	32.84	33.30	32.92
25	32.53	32.70	32.58	32.06	31.61	31.14	31.26	31.33	32.14	32.85	33.21	32.85
26	32.58	32.64	32.62	32.09	31.62	31.10	31.23	31.37	32.12	32.88	33.25	32.79
27	32.48	32.63	32.65	32.15	31.54	31.07	31.24	31.40	32.13	32.88	33.28	32.76
28	32.48	32.62	32.59	32.16	31.56	31.13	31.25	31.39	32.20	32.80	33.28	32.77
29	32.50	32.59	32.55	32.18	31.58	31.10	31.25	31.38	32.22	32.78	33.27	32.78
30	32.50	32.61	32.58	32.14	---	31.11	31.24	31.42	32.21	32.80	33.18	32.75
31	32.50	---	32.56	32.10	---	31.13	---	31.45	---	32.90	33.17	---
MEAN	32.30	32.63	32.66	32.19	31.80	31.26	31.30	31.34	31.84	32.74	33.12	32.97
MAX	32.58	32.74	32.83	32.53	32.11	31.55	31.53	31.45	32.22	32.99	33.33	33.18
MIN	32.03	32.52	32.55	31.99	31.54	31.07	31.16	31.24	31.44	32.25	32.88	32.75

CAL YR 1987 MEAN 31.15 HIGH 29.10 LOW 32.83
WTR YR 1988 MEAN 32.18 HIGH 31.07 LOW 33.33

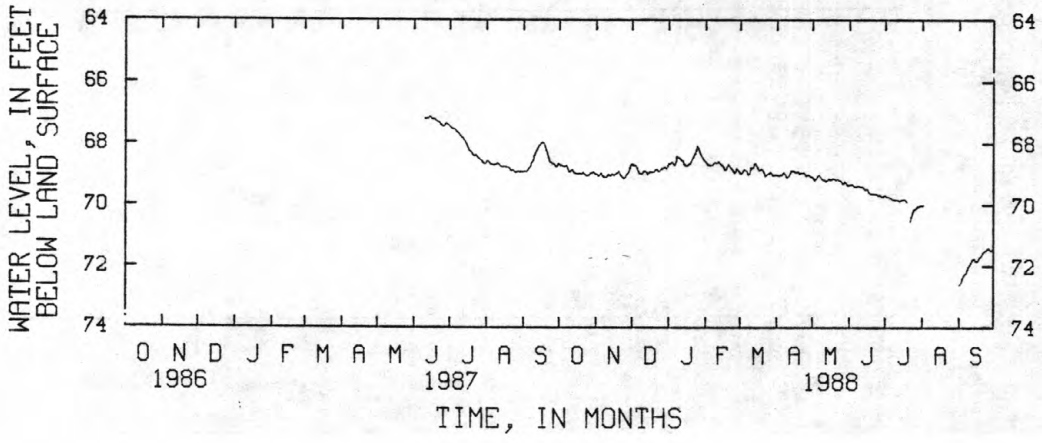


FLORENCE COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68.69	69.02	68.67	68.68	68.61	68.98	69.04	69.10	69.36	69.70	70.04	72.64
2	68.73	69.04	68.71	68.68	68.65	68.99	69.05	69.16	69.36	69.74	70.01	72.60
3	68.72	69.07	68.73	68.64	68.71	68.94	69.06	69.21	69.34	69.75	---	72.54
4	68.75	69.03	68.71	68.61	68.70	68.87	69.03	69.16	69.36	69.76	---	72.42
5	68.76	68.98	68.80	68.69	68.73	68.87	69.04	69.08	69.41	69.78	---	72.32
6	68.77	69.05	68.92	68.71	68.72	68.89	68.99	69.04	69.42	69.81	---	72.27
7	68.73	69.10	68.99	68.62	68.71	68.98	68.94	69.06	69.42	69.82	---	72.24
8	68.82	69.10	69.00	68.44	68.65	69.03	69.00	69.13	69.39	69.84	---	72.14
9	68.92	69.11	69.01	68.45	68.63	69.00	69.09	69.17	69.39	69.84	---	72.04
10	68.93	69.07	68.97	68.49	68.64	68.80	69.12	69.19	69.42	69.85	---	71.98
11	68.89	69.02	68.92	68.52	68.65	68.81	69.07	69.19	69.43	69.85	---	71.90
12	68.86	69.06	68.90	68.56	68.59	68.80	69.00	69.24	69.42	69.86	---	71.82
13	68.94	69.05	68.97	68.58	68.65	68.68	68.90	69.23	69.46	69.89	---	71.77
14	68.98	69.02	69.03	68.69	68.72	68.66	68.90	69.18	69.52	69.86	---	71.77
15	68.99	69.03	68.97	68.71	68.70	68.73	68.88	69.17	69.50	69.85	---	71.83
16	69.00	69.06	68.94	68.74	68.77	68.81	68.93	69.19	69.49	69.84	---	71.85
17	69.00	69.02	68.94	68.72	68.87	68.89	68.95	69.19	69.59	69.82	---	71.83
18	69.00	68.98	68.95	68.67	68.86	68.87	68.95	69.15	69.63	69.86	---	71.75
19	69.01	68.97	68.94	68.68	68.77	68.82	68.93	69.16	69.65	69.91	---	71.71
20	69.01	68.92	68.88	68.59	68.69	68.87	68.99	69.19	69.66	---	---	71.68
21	68.97	69.02	68.87	68.50	68.72	68.94	68.96	69.19	69.65	---	---	71.58
22	69.01	69.08	68.85	68.44	68.81	69.06	68.97	69.17	69.66	70.54	---	71.55
23	69.04	69.12	68.90	68.35	68.83	69.05	68.98	69.20	69.65	70.40	---	71.51
24	69.07	69.16	68.92	68.25	68.90	69.01	68.95	69.22	69.67	70.27	---	71.50
25	69.05	69.12	68.85	68.11	68.96	69.00	69.04	69.24	69.70	70.18	---	71.44
26	69.04	69.05	68.82	68.14	68.97	68.97	69.06	69.31	69.70	70.15	---	71.43
27	68.98	69.00	68.84	68.27	68.83	68.95	69.03	69.31	69.70	70.12	---	71.47
28	68.98	68.95	68.79	68.37	68.86	69.02	69.04	69.25	69.74	70.07	---	71.50
29	68.96	68.82	68.78	68.44	68.92	69.05	69.07	69.29	69.74	70.06	---	71.48
30	68.95	68.71	68.84	68.51	---	69.05	69.09	69.36	69.71	70.04	---	71.46
31	69.00	---	68.76	68.56	---	69.03	---	69.38	---	70.02	---	---
MEAN	68.92	69.02	68.88	68.53	68.75	68.92	69.00	69.20	69.54	---	---	71.87
MAX	69.07	69.16	69.03	68.74	68.97	69.06	69.12	69.38	69.74	---	---	72.64
MIN	68.69	68.71	68.67	68.11	68.59	68.66	68.88	69.04	69.34	---	---	71.43

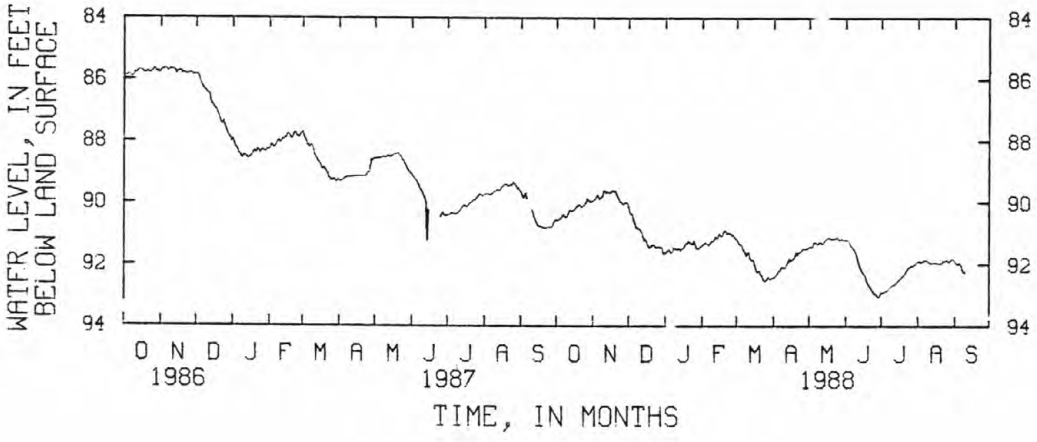


GEORGETOWN COUNTY

332424079171800. Local number, GEO-77.
LOCATION.--Lat 33°24'24'', long 79°17'18'', Hydrologic Unit 03040207, 5.0 mi north of Georgetown on U.S. Hwy. 701.
Owner: Georgetown Rural Water District.
AQUIFER.--Sands of the Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in from surface to 445 ft, 8 in from 445 ft to 748 ft, depth 748 ft, screened intervals 490-520, 580-660, 720-740 ft, gravel packed.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.10 ft above land-surface datum.
REMARKS.--Driller's log and geophysical logs available in District files.
PERIOD OF RECORD.--June 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 63.73 ft below land-surface datum, Nov. 7, 1976; lowest, 96.82 ft below land-surface datum, Nov. 21-23, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90.58	89.95	90.16	91.63	91.39	91.18	92.43	91.45	91.23	92.91	91.91	91.92
2	90.60	89.92	90.31	91.64	91.36	91.26	92.40	91.44	91.23	92.92	91.91	91.97
3	90.55	89.88	90.38	91.57	91.34	91.34	92.37	91.45	91.23	92.89	91.92	91.99
4	90.56	89.81	90.39	91.53	91.30	91.37	92.31	91.43	91.27	92.88	91.92	92.00
5	90.50	89.76	90.55	91.60	91.35	91.38	92.24	91.31	91.38	92.87	91.90	91.96
6	90.44	89.87	90.68	91.64	91.35	91.50	92.21	91.29	91.43	92.83	91.89	92.04
7	90.40	89.88	90.78	91.61	91.39	91.56	92.15	91.32	91.48	92.80	91.87	92.15
8	90.47	89.84	90.83	91.48	91.31	91.64	92.08	91.35	91.53	92.76	91.87	92.24
9	90.51	89.79	90.85	91.50	91.26	91.73	92.10	91.34	91.61	92.72	91.89	92.24
10	90.46	89.63	90.87	91.52	91.26	91.67	92.13	91.30	91.73	92.69	91.92	92.29
11	90.36	89.64	90.91	91.51	91.22	91.61	92.09	91.30	91.86	92.67	91.95	---
12	90.27	89.69	90.97	91.52	91.13	91.81	92.02	91.34	91.98	92.64	91.97	---
13	90.27	89.67	91.13	91.49	91.16	91.87	91.93	91.33	92.09	92.63	91.97	---
14	90.30	89.67	91.23	91.56	91.16	91.85	91.83	91.27	92.19	92.57	91.95	---
15	90.28	89.69	91.20	91.51	91.04	91.90	91.90	91.22	92.26	92.54	91.95	---
16	90.25	89.68	91.27	91.50	91.04	92.03	91.86	91.19	92.29	92.51	91.95	---
17	90.19	89.62	91.38	91.43	91.11	92.15	91.86	91.16	92.35	92.47	91.96	---
18	90.15	89.63	91.46	91.34	91.09	92.25	91.83	91.15	92.46	92.42	91.97	---
19	90.12	89.65	91.46	91.34	90.97	92.24	91.73	91.17	92.57	92.39	91.97	---
20	90.10	89.63	91.41	91.28	90.91	92.22	91.63	91.18	92.65	92.36	91.97	---
21	90.09	89.75	91.39	91.27	90.95	92.33	91.70	91.19	92.70	92.30	91.97	---
22	90.16	89.85	91.37	91.31	91.02	92.38	91.64	91.18	92.75	92.23	91.89	---
23	90.15	89.92	91.44	91.34	90.98	92.49	91.62	91.17	92.81	92.17	91.91	---
24	90.12	89.98	91.48	91.36	90.99	92.53	91.61	91.16	92.88	92.12	91.89	---
25	90.05	90.02	91.45	91.25	91.03	92.54	91.54	91.13	92.95	92.09	91.87	---
26	90.00	90.05	91.44	91.34	91.08	92.51	91.50	91.21	92.94	92.06	91.89	---
27	89.89	90.07	91.48	91.46	91.04	92.44	91.51	91.23	92.97	92.05	91.93	---
28	89.93	90.01	91.45	91.50	91.12	92.43	91.50	91.20	93.04	92.05	91.90	---
29	89.97	90.00	91.48	91.50	91.18	92.48	91.51	91.19	93.05	92.03	91.84	---
30	89.99	90.05	91.65	91.47	---	92.47	91.49	91.21	92.98	91.98	91.82	---
31	89.98	---	91.67	91.42	---	92.44	---	91.22	---	91.93	91.85	---
MEAN	90.25	89.82	91.11	91.47	91.16	91.99	91.89	91.26	92.20	92.47	91.92	---
MAX	90.60	90.07	91.67	91.64	91.39	92.54	92.43	91.45	93.05	92.92	91.97	---
MIN	89.89	89.62	90.16	91.25	90.91	91.18	91.49	91.13	91.23	91.93	91.82	---

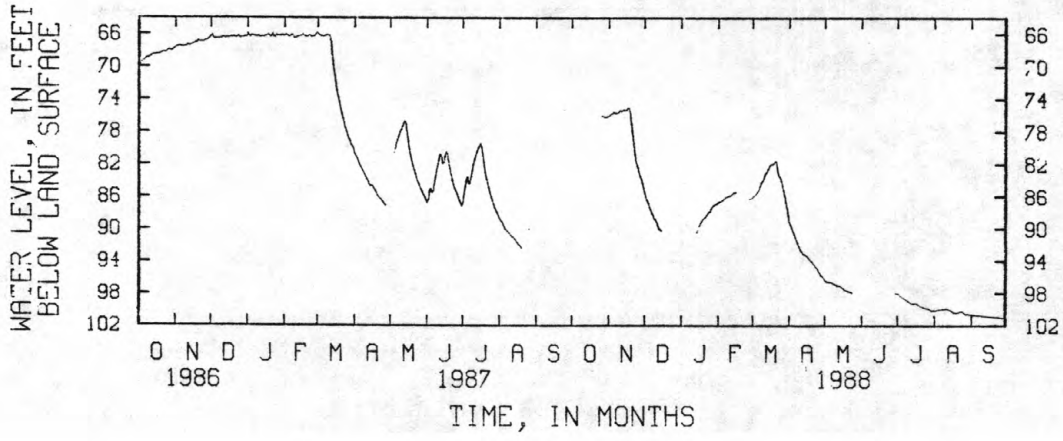


GEORGETOWN COUNTY

332610079104000. Local number, GEO-84.
LOCATION.--Lat 33°26'09'', long 79°10'35'', Hydrologic Unit 03040207, 2 mi west of Pawleys Island, South Causeway entrance on U.S. Highway 17.
Owner: Johnnie Strait.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.
INSTRUMENTATION.--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, 101.24 ft below land-surface datum, Sept. 30, 1988.

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	---	76.11	85.53	---	86.77	86.15	89.28	96.43	---	98.06	100.14	100.69
2	---	75.96	86.10	---	86.68	86.02	89.64	96.55	---	98.13	100.17	100.70
3	---	75.85	86.49	---	86.61	85.84	89.95	96.60	---	98.26	100.15	100.73
4	---	75.74	86.88	---	86.58	85.71	90.34	96.61	---	98.40	100.10	100.74
5	---	75.59	87.36	---	86.44	85.44	90.67	96.66	---	98.52	100.07	100.75
6	---	75.69	87.74	---	86.34	85.21	91.09	96.72	---	98.60	100.05	100.78
7	---	75.70	88.14	---	86.18	84.82	91.47	96.73	---	98.69	100.02	100.78
8	---	75.69	88.37	---	86.11	84.38	91.82	96.81	---	98.81	100.00	100.78
9	---	75.62	88.75	---	86.05	84.14	92.28	96.89	---	98.90	99.98	100.80
10	---	75.41	88.88	---	86.00	83.87	92.65	96.95	---	99.01	99.96	100.82
11	---	75.40	89.18	---	85.95	83.48	92.80	97.02	---	99.11	99.94	100.85
12	---	75.45	89.60	---	85.90	83.19	93.06	97.01	---	99.20	100.01	100.86
13	---	75.30	90.07	---	85.68	82.94	93.23	97.07	---	99.28	100.07	100.87
14	---	75.30	90.10	90.47	85.55	82.64	93.26	97.17	---	99.28	100.10	100.89
15	---	75.32	90.26	90.08	85.55	82.29	93.40	97.29	---	99.31	100.15	100.91
16	---	75.26	---	89.68	85.53	82.11	93.45	97.40	---	99.28	100.29	100.92
17	---	75.11	---	89.37	---	82.00	93.63	97.53	---	99.33	100.39	100.95
18	---	75.11	---	89.13	---	81.98	93.87	97.61	---	99.43	100.41	100.94
19	---	75.63	---	88.91	---	81.94	94.03	97.67	---	99.54	100.44	100.95
20	---	77.04	---	88.78	---	81.66	94.13	97.72	---	99.64	100.44	100.97
21	---	78.53	---	88.63	---	81.73	94.36	97.77	---	99.68	100.46	100.99
22	---	79.73	---	88.42	---	82.92	94.56	97.83	---	99.74	100.33	100.99
23	---	80.84	---	88.21	---	83.49	94.76	97.90	---	99.78	100.29	101.00
24	---	81.72	---	87.98	---	83.65	94.90	97.96	---	99.85	100.29	101.02
25	---	82.41	---	87.95	---	84.06	95.10	---	---	99.87	100.31	101.05
26	76.13	83.02	---	87.56	---	84.69	95.45	---	---	99.89	100.50	101.07
27	76.04	83.51	---	87.32	86.31	85.27	95.71	---	---	99.94	100.62	101.08
28	76.18	83.85	---	87.16	86.30	85.93	95.83	---	---	100.04	100.62	101.10
29	76.17	84.37	---	87.05	86.29	86.73	95.96	---	98.01	100.17	100.63	101.16
30	76.18	84.96	---	86.97	---	87.56	96.19	---	98.05	100.17	100.67	101.24
31	76.17	---	---	86.91	---	88.44	---	---	---	100.14	100.68	---
MEAN	---	77.84	---	---	---	84.20	93.23	---	---	99.29	100.27	100.91
MAX	---	84.96	---	---	---	88.44	96.19	---	---	100.17	100.68	101.24
MIN	---	75.11	---	---	---	81.66	89.28	---	---	98.06	99.94	100.69



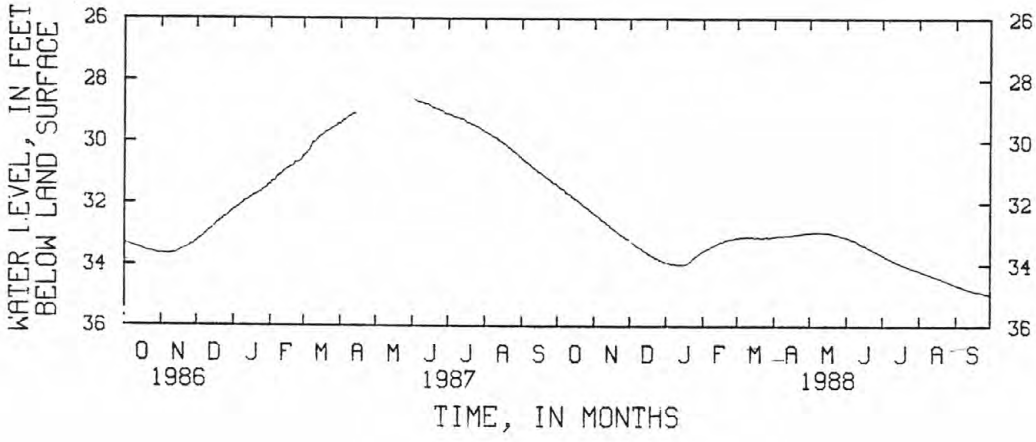
GREENVILLE COUNTY

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, 34.96 ft below land-surface datum, Sept. 30, 1988.

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	31.44	32.37	33.23	33.92	33.56	33.13	33.10	32.96	33.12	33.69	34.20	34.65
2	31.46	32.39	33.26	33.94	33.54	33.13	33.09	32.96	33.13	33.71	34.21	34.66
3	31.51	32.42	33.28	33.94	33.52	33.12	33.08	32.95	33.15	33.74	34.23	34.67
4	31.53	32.44	33.31	33.95	33.50	33.11	33.07	32.95	33.18	33.76	34.24	34.68
5	31.54	32.47	33.35	33.97	33.48	33.12	33.07	32.94	33.19	33.78	34.25	34.70
6	31.56	32.52	33.38	33.97	33.47	33.11	33.07	32.94	33.20	33.80	34.27	34.71
7	31.60	32.55	33.41	33.97	33.44	33.11	33.06	32.95	33.21	33.81	34.28	34.73
8	31.66	32.58	33.43	33.97	33.42	33.11	33.07	32.95	33.22	33.83	34.29	34.74
9	31.69	32.60	33.44	33.99	33.39	33.10	33.07	32.95	33.24	33.85	34.31	34.75
10	31.71	32.61	33.46	33.99	33.38	33.10	33.06	32.95	33.28	33.87	34.32	34.77
11	31.72	32.67	33.49	34.00	33.36	33.12	33.05	32.95	33.30	33.89	34.34	34.78
12	31.74	32.69	33.52	34.00	33.34	33.11	33.05	32.96	33.32	33.91	34.35	34.79
13	31.79	32.72	33.56	34.00	33.33	33.10	33.05	32.96	33.34	33.92	34.36	34.80
14	31.82	32.76	33.58	34.01	33.31	33.10	33.05	32.96	33.36	33.94	34.38	34.82
15	31.85	32.80	33.59	34.00	33.28	33.12	33.05	32.96	33.37	33.96	34.39	34.83
16	31.88	32.82	33.63	34.00	33.27	33.13	33.04	32.96	33.38	33.97	34.40	34.84
17	31.90	32.84	33.65	33.99	33.27	33.13	33.04	32.97	33.40	33.99	34.42	34.85
18	31.93	32.88	33.68	33.98	33.25	33.11	33.02	32.98	33.43	34.01	34.43	34.86
19	31.96	32.90	33.70	33.96	33.23	33.11	33.01	32.98	33.46	34.02	34.44	34.87
20	31.99	32.92	33.71	33.93	33.21	33.12	33.02	33.00	33.47	34.04	34.46	34.87
21	32.03	32.97	33.74	33.90	33.20	33.12	33.00	33.01	33.49	34.05	34.48	34.87
22	32.07	33.00	33.76	33.87	33.20	33.13	33.00	33.01	33.51	34.06	34.50	34.88
23	32.10	33.02	33.79	33.83	33.19	33.13	32.99	33.02	33.53	34.08	34.51	34.89
24	32.12	33.05	33.80	33.79	33.18	33.12	32.99	33.03	33.55	34.09	34.52	34.90
25	32.15	33.07	33.81	33.74	33.17	33.11	32.99	33.04	33.57	34.10	34.54	34.91
26	32.17	33.10	33.84	33.73	33.16	33.10	32.98	33.06	33.58	34.12	34.55	34.92
27	32.19	33.13	33.86	33.70	33.15	33.12	32.97	33.07	33.61	34.13	34.57	34.93
28	32.24	33.15	33.86	33.67	33.14	33.12	32.97	33.08	33.63	34.15	34.58	34.94
29	32.27	33.17	33.89	33.64	33.13	33.11	32.97	33.09	33.65	34.16	34.59	34.95
30	32.31	33.19	33.91	33.61	---	33.11	32.96	33.11	33.67	34.17	34.61	34.96
31	32.34	---	33.91	33.59	---	33.10	---	33.12	---	34.18	34.63	---
MEAN	31.88	32.79	33.61	33.89	33.31	33.11	33.03	32.99	33.38	33.96	34.41	34.82
MAX	32.34	33.19	33.91	34.01	33.56	33.13	33.10	33.12	33.67	34.18	34.63	34.96
MIN	31.44	32.37	33.23	33.59	33.13	33.10	32.96	32.94	33.12	33.69	34.20	34.65

WTR YR 1988 MEAN 33.43 HIGH 31.44 LOW 34.96

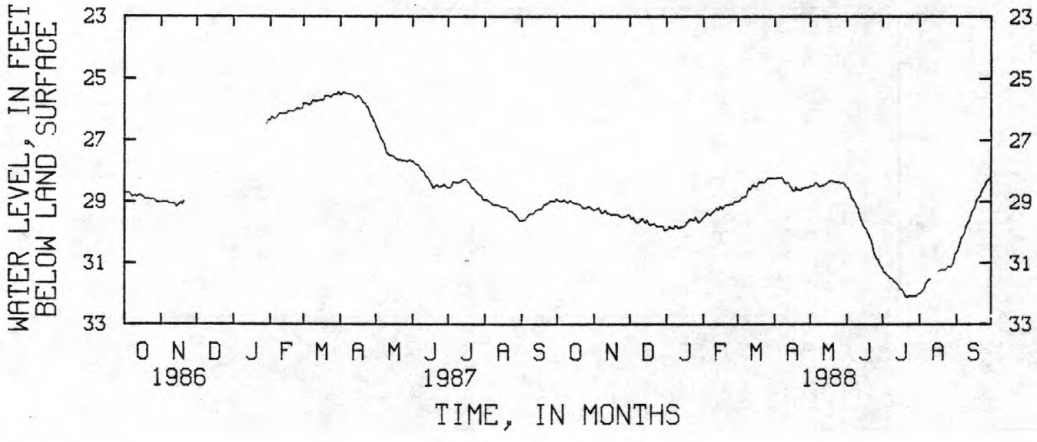


HAMPTON COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.94	29.29	29.48	29.92	29.54	29.00	28.25	28.51	28.55	31.20	32.00	30.67
2	28.97	29.28	29.57	29.93	29.49	28.99	28.27	28.51	28.58	31.30	31.98	30.59
3	28.98	29.26	29.58	29.86	29.46	28.96	28.23	28.50	28.66	31.33	31.93	30.48
4	29.01	29.23	29.52	29.82	29.39	28.88	28.22	28.48	28.79	31.37	31.90	30.34
5	28.99	29.21	29.62	29.87	29.42	28.88	28.24	28.42	28.90	31.41	31.82	30.21
6	28.96	29.31	29.67	29.90	29.43	28.86	28.23	28.40	28.95	31.44	31.68	30.14
7	28.95	29.38	29.71	29.89	29.47	28.82	28.20	28.44	29.00	31.50	31.64	30.09
8	29.00	29.38	29.70	29.80	29.40	28.84	28.28	28.49	29.05	31.51	31.59	30.02
9	29.03	29.35	29.67	29.82	29.35	28.70	28.37	28.52	29.16	31.51	31.55	29.84
10	29.03	29.30	29.62	29.85	29.33	28.58	28.42	28.51	29.23	31.57	31.53	29.76
11	29.00	29.33	29.58	29.87	29.30	28.61	28.41	28.48	29.38	31.62	---	29.70
12	28.97	29.40	29.58	29.88	29.23	28.60	28.38	28.49	29.51	31.64	---	29.63
13	29.00	29.40	29.68	29.83	29.27	28.50	28.42	28.47	29.62	31.70	---	29.48
14	29.04	29.41	29.71	29.86	29.28	28.46	28.52	28.43	29.74	31.74	---	29.35
15	29.06	29.44	29.63	29.84	29.18	28.50	28.55	28.41	29.81	31.81	---	29.29
16	29.07	29.45	29.66	29.84	29.20	28.52	28.64	28.40	29.87	31.86	---	29.25
17	29.07	29.44	29.74	29.78	29.25	28.53	28.66	28.35	29.91	31.87	31.27	29.15
18	29.08	29.43	29.78	29.71	29.22	28.43	28.65	28.33	30.00	31.93	31.24	28.97
19	29.09	29.45	29.78	29.68	29.15	28.36	28.54	28.33	30.08	32.01	31.23	28.90
20	29.10	29.42	29.75	29.62	29.11	28.39	28.62	28.34	30.17	32.08	31.22	28.86
21	29.13	29.45	29.75	29.60	29.11	28.37	28.62	28.36	30.25	32.12	31.22	28.81
22	29.21	29.49	29.74	29.60	29.12	28.38	28.64	28.38	30.39	32.14	31.23	28.70
23	29.22	29.50	29.80	29.62	29.10	28.39	28.65	28.37	30.56	32.08	31.23	28.61
24	29.23	29.53	29.83	29.62	29.09	28.36	28.59	28.38	30.71	32.09	31.17	28.55
25	29.22	29.53	29.83	29.52	29.09	28.31	28.60	28.37	30.81	32.09	31.12	28.48
26	29.21	29.52	29.82	29.57	29.10	28.25	28.57	28.40	30.89	32.09	31.12	28.38
27	29.16	29.50	29.83	29.65	29.01	28.23	28.55	28.41	30.90	32.09	31.16	28.34
28	29.18	29.48	29.82	29.70	29.01	28.26	28.55	28.40	31.00	32.09	31.11	28.29
29	29.22	29.46	29.84	29.68	29.00	28.25	28.56	28.40	31.10	32.09	31.02	28.26
30	29.25	29.43	29.95	29.63	---	28.23	28.54	28.46	31.15	32.07	30.89	28.23
31	29.27	---	29.96	29.58	---	28.25	---	28.52	---	32.02	30.71	---
MEAN	29.09	29.40	29.72	29.75	29.24	28.54	28.47	28.43	29.82	31.79	---	29.31
MAX	29.27	29.53	29.96	29.93	29.54	29.00	28.66	28.52	31.15	32.14	---	30.67
MIN	28.94	29.21	29.48	29.52	29.00	28.23	28.20	28.33	28.55	31.20	---	28.23



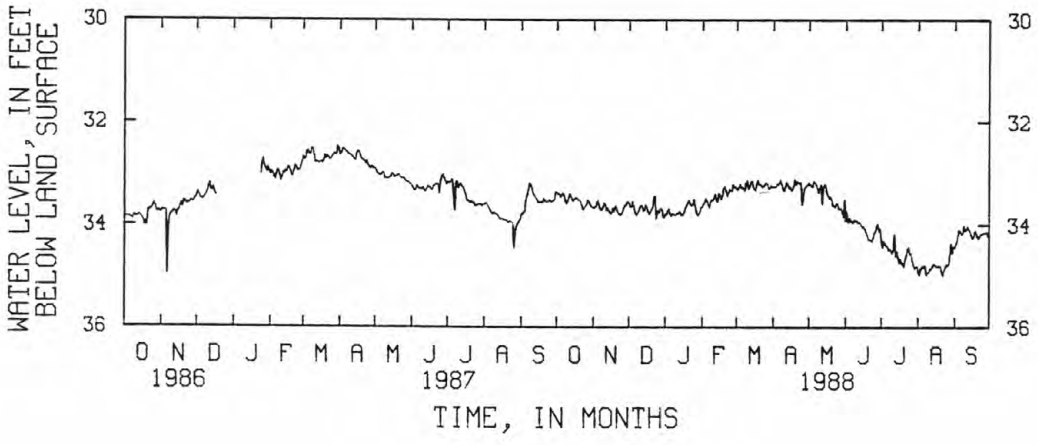
HAMPTON COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.37	33.68	33.58	33.80	33.64	33.29	33.27	33.18	33.92	34.33	34.92	34.44
2	33.40	33.65	33.65	33.80	33.60	33.32	33.26	33.21	33.74	34.44	34.98	34.38
3	33.40	33.66	33.64	33.73	33.56	33.27	33.26	33.24	33.95	34.32	34.86	34.34
4	33.46	33.56	33.55	33.69	33.49	33.21	33.20	33.26	33.87	34.37	34.83	34.21
5	33.43	33.53	33.66	33.79	33.54	33.28	33.22	33.16	33.91	34.40	34.80	34.11
6	33.39	33.67	33.76	33.83	33.60	33.26	33.18	33.16	33.94	34.43	34.84	34.13
7	33.42	33.70	33.81	33.78	33.66	33.29	33.12	33.21	33.96	34.49	34.80	34.18
8	33.54	33.71	33.78	33.80	33.56	33.33	33.21	33.27	33.91	34.47	34.98	34.17
9	33.59	33.65	33.75	33.81	33.52	33.19	33.31	33.37	33.93	34.50	34.94	34.02
10	33.55	33.58	33.66	33.80	33.52	33.14	33.34	33.30	33.91	34.55	34.93	34.11
11	33.46	33.61	33.63	33.78	33.47	33.30	33.25	33.23	33.95	34.49	34.86	34.10
12	33.40	33.71	33.63	33.78	33.40	33.26	33.17	33.60	33.94	34.18	34.87	34.04
13	33.44	33.68	33.73	33.74	33.53	33.17	33.21	33.29	33.96	34.61	34.81	34.09
14	33.52	33.74	33.72	33.81	33.55	33.15	33.28	33.22	34.01	34.53	34.76	34.13
15	33.54	33.77	33.62	33.79	33.39	33.25	33.26	33.24	34.05	34.65	34.78	34.20
16	33.50	33.78	33.65	33.81	33.42	33.30	33.32	33.38	34.03	34.74	34.80	34.26
17	33.47	33.69	33.74	33.74	33.51	33.32	33.32	33.43	34.08	34.67	34.82	34.25
18	33.49	33.74	33.79	33.67	33.45	33.18	33.24	33.48	34.15	34.74	34.82	34.14
19	33.50	33.67	33.76	33.62	33.29	33.13	33.12	33.46	34.21	34.78	34.80	34.12
20	33.53	33.63	33.70	33.56	33.25	33.21	33.21	33.50	34.28	34.82	34.81	34.21
21	33.55	33.74	33.66	33.53	33.35	33.21	33.16	33.62	34.29	34.68	34.92	34.27
22	33.63	33.79	33.46	33.60	33.44	33.25	33.18	33.65	34.30	34.59	34.99	34.23
23	33.70	33.80	33.45	33.62	33.39	33.26	33.20	33.65	34.33	34.47	34.90	34.19
24	33.68	33.82	33.88	33.61	33.32	33.24	33.17	33.59	34.26	34.44	34.83	34.18
25	33.64	33.77	33.76	33.51	33.32	33.19	33.61	33.59	34.15	34.56	34.78	34.16
26	33.61	33.70	33.73	33.62	33.34	33.18	33.51	33.69	34.13	34.58	34.80	34.15
27	33.53	33.64	33.76	33.74	33.21	33.20	33.29	33.69	34.02	34.70	34.77	34.16
28	33.54	33.62	33.69	33.81	33.27	33.29	33.26	33.68	33.99	34.78	34.59	34.14
29	33.61	33.57	33.71	33.80	33.26	33.29	33.23	33.76	34.13	34.85	34.36	34.21
30	33.65	33.55	33.85	33.74	---	33.24	33.22	33.84	34.08	34.82	34.55	34.23
31	33.66	---	33.86	33.67	---	33.26	---	33.51	---	34.81	34.44	---
MEAN	33.52	33.68	33.70	33.72	33.44	33.24	33.25	33.43	34.05	34.57	34.80	34.18
MAX	33.70	33.82	33.88	33.83	33.66	33.33	33.61	33.84	34.33	34.85	34.99	34.44
MIN	33.37	33.53	33.45	33.51	33.21	33.13	33.12	33.16	33.74	34.18	34.36	34.02

WTR YR 1988 MEAN 33.80 HIGH 33.12 LOW 34.99

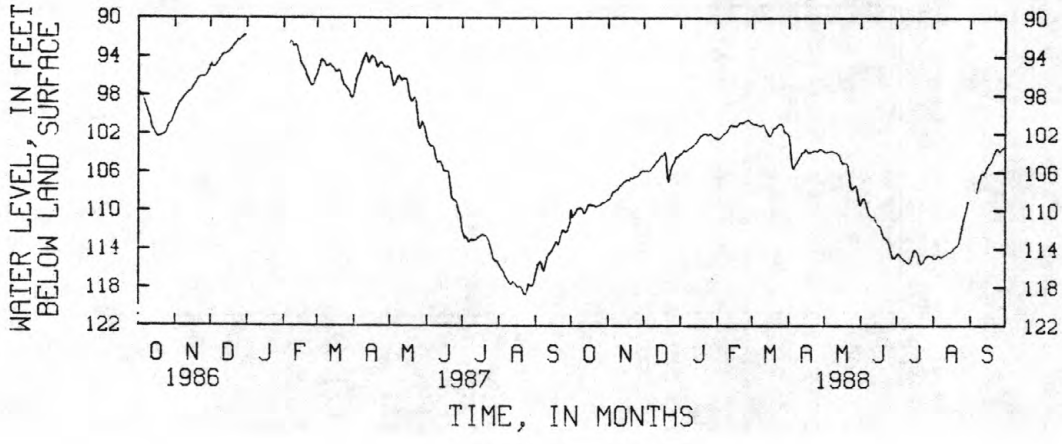


HORRY COUNTY

334747078435400. Local number, HO-269.
LOCATION.--Lat 33°47'47'', long 78°43'54'', Hydrologic Unit 03040207, Windy Hill Park.
Owner: City of North Myrtle Beach.
AQUIFER.--Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 416 ft, screens located at unknown intervals below 201 ft.
INSTRUMENTATION.--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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109.98	108.88	105.84	104.10	102.50	100.87	102.18	103.86	109.32	114.65	114.98	---
2	110.73	108.90	105.89	104.05	102.52	100.94	103.12	103.89	108.90	114.49	115.02	---
3	110.51	108.71	105.88	103.87	102.50	100.99	104.66	103.90	108.75	114.57	114.98	---
4	110.44	108.42	105.84	103.73	102.29	100.95	105.56	103.86	108.79	114.74	114.87	---
5	110.20	108.13	105.91	103.77	102.18	101.01	105.64	103.84	109.16	114.90	114.76	---
6	109.93	108.06	105.85	103.77	102.00	101.08	105.32	103.80	109.70	115.03	114.80	108.15
7	109.80	107.98	105.74	103.72	101.94	101.11	105.11	103.80	110.12	115.12	114.90	107.68
8	109.82	107.89	105.56	103.52	101.85	101.16	104.93	103.80	110.40	115.21	114.89	107.07
9	109.78	107.79	105.40	103.50	101.69	101.15	104.65	103.88	110.51	115.32	114.76	106.63
10	109.82	107.59	105.24	103.41	101.53	101.03	104.44	103.92	110.68	115.45	114.66	106.25
11	110.12	107.42	105.09	103.29	101.26	101.06	104.28	103.96	110.67	115.52	114.63	106.19
12	110.35	107.38	104.91	103.19	101.06	101.29	104.04	104.02	110.71	115.46	114.53	106.22
13	110.22	107.20	104.79	103.04	101.09	101.64	103.94	104.14	111.00	115.16	114.44	106.02
14	109.89	107.06	104.64	102.97	101.16	101.94	103.83	104.41	111.28	114.73	114.37	105.70
15	109.60	107.00	104.39	102.74	101.15	102.12	103.64	104.76	111.49	114.31	114.34	105.44
16	109.44	106.90	104.29	102.53	101.16	102.26	103.66	105.04	111.58	114.13	114.25	105.21
17	109.36	106.82	104.28	102.36	101.15	102.12	103.90	105.07	111.68	114.21	114.12	105.08
18	109.45	106.83	104.08	102.21	101.09	101.80	103.94	105.05	111.99	114.35	113.99	104.97
19	109.50	106.86	103.88	102.15	100.92	101.47	103.90	105.05	112.42	114.62	113.85	104.77
20	109.46	106.65	104.69	102.06	100.81	101.38	103.89	105.10	112.76	115.20	113.73	104.39
21	109.55	106.66	106.61	102.01	100.85	101.36	103.84	105.41	112.91	115.57	113.65	104.07
22	109.63	106.63	106.98	102.00	100.86	101.20	103.81	106.37	112.99	115.54	113.43	103.77
23	109.55	106.52	106.30	102.03	100.80	101.03	103.74	107.48	113.15	115.42	112.89	103.59
24	109.50	106.51	105.75	102.11	100.68	100.97	103.76	107.71	113.41	115.19	112.33	103.56
25	109.51	106.48	105.33	102.01	100.63	100.94	103.80	107.76	113.81	114.94	111.64	103.78
26	109.41	106.38	105.10	102.00	100.56	100.94	103.69	107.59	114.29	114.79	111.01	103.87
27	109.22	106.28	104.88	102.07	100.54	101.17	103.61	107.45	114.79	114.71	110.58	103.68
28	109.21	106.05	104.53	102.17	100.65	101.68	103.61	107.45	114.96	114.70	110.16	103.48
29	109.18	105.91	104.37	102.35	100.77	101.85	103.64	108.07	114.98	114.71	109.59	103.39
30	109.09	105.86	104.41	102.40	---	101.91	103.73	108.95	114.94	114.76	109.10	103.34
31	108.98	---	104.24	102.47	---	102.04	---	109.45	---	114.88	---	---
MEAN	109.72	107.19	105.18	102.83	101.32	101.37	104.06	105.45	111.74	114.92	---	---
MAX	110.73	108.90	106.98	104.10	102.52	102.26	105.64	109.45	114.98	115.57	---	---
MIN	108.98	105.86	103.88	102.00	100.54	100.87	102.18	103.80	108.75	114.13	---	---

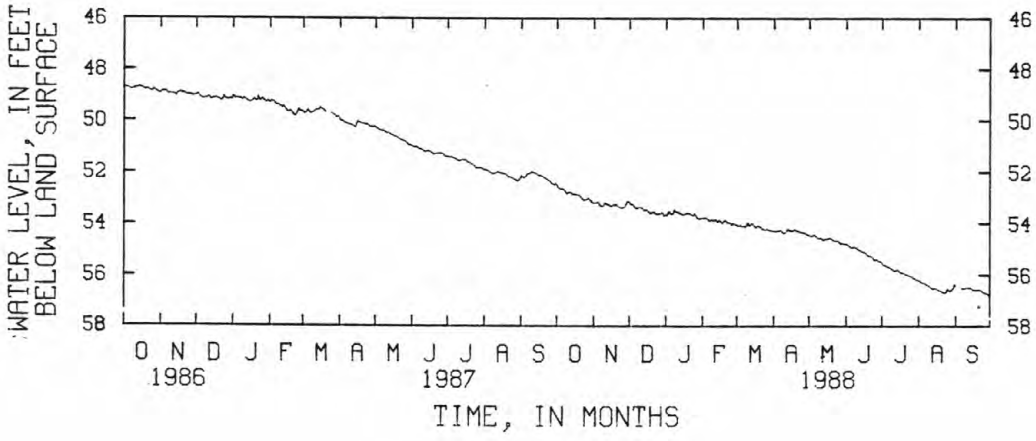


HORRY COUNTY

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.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Also known as HO-1 and HO-53. Driller's and geophysical logs available in District files.
PERIOD OF RECORD.--May 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 11.91 ft below land-surface datum, Oct. 12, 1974; lowest, 56.82 ft below land-surface datum, Sept. 30, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER OCTOBER 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.52	53.22	53.18	53.68	53.81	54.08	54.31	54.47	54.82	55.54	56.23	56.42
2	52.60	53.21	53.25	53.70	53.80	54.10	54.32	54.49	54.83	55.60	56.26	---
3	52.63	53.21	53.27	53.60	53.81	54.10	54.32	54.50	54.87	55.63	56.28	---
4	52.68	53.19	53.26	53.56	53.79	54.08	54.29	54.49	54.91	55.65	56.31	---
5	52.68	53.19	53.34	53.62	53.84	54.12	54.30	54.46	54.95	55.68	56.32	56.51
6	52.67	53.30	53.40	53.65	53.87	54.12	54.29	54.48	54.94	55.70	56.34	56.52
7	52.69	53.33	53.42	53.62	53.91	54.12	54.28	54.52	54.94	55.71	56.37	56.52
8	52.76	53.34	53.42	53.50	53.88	54.15	54.33	54.58	54.94	55.74	56.40	56.53
9	52.83	53.33	53.40	53.54	53.87	54.09	54.38	54.59	54.94	55.78	56.42	56.53
10	52.84	53.23	53.39	53.57	53.89	53.99	54.38	54.58	54.98	55.81	56.46	56.50
11	52.81	53.22	53.40	53.57	53.90	54.09	54.36	54.60	55.03	55.85	56.50	56.51
12	52.79	53.27	53.42	53.60	53.86	54.09	54.29	54.64	55.05	55.84	56.53	56.51
13	52.82	53.27	53.49	53.59	53.91	54.03	54.23	54.65	55.07	55.82	56.55	56.50
14	52.86	53.29	53.51	53.66	53.96	54.03	54.28	54.63	55.10	55.81	56.53	56.50
15	52.87	53.33	53.46	53.66	53.88	54.09	54.27	54.62	55.12	55.84	56.53	56.55
16	52.88	53.34	53.49	53.67	53.92	54.13	54.29	54.62	55.12	55.89	56.55	56.58
17	52.88	53.30	53.56	53.66	53.98	54.18	54.30	54.60	55.16	55.91	56.59	56.59
18	52.89	53.28	53.61	53.62	53.99	54.13	54.26	54.57	55.21	55.92	56.60	56.60
19	52.91	53.30	53.61	53.64	53.92	54.09	54.24	54.61	55.25	55.94	56.63	56.60
20	52.92	53.27	53.59	53.61	53.88	54.13	54.30	54.63	55.27	55.96	56.65	56.59
21	52.96	53.33	53.59	53.62	53.93	54.15	54.29	54.66	55.27	55.98	56.67	56.59
22	53.04	53.38	53.57	53.66	53.99	54.21	54.32	54.69	55.30	56.01	56.69	56.61
23	53.08	53.39	53.63	53.68	53.97	54.23	54.35	54.69	55.32	56.02	56.72	56.61
24	53.09	53.40	53.66	53.70	53.99	54.25	54.34	54.70	55.39	56.03	56.68	56.65
25	53.08	53.40	53.65	53.63	54.03	54.25	54.37	54.67	55.45	56.05	56.57	56.69
26	53.08	53.39	53.64	53.69	54.06	54.23	54.36	54.75	55.42	56.07	56.60	56.70
27	53.02	53.38	53.65	53.77	54.01	54.24	54.39	54.80	55.41	56.11	56.64	56.73
28	53.06	53.26	53.60	53.81	54.05	54.28	54.40	54.77	55.47	56.12	56.62	56.74
29	53.11	53.17	53.59	53.83	54.05	54.28	54.44	54.79	55.49	56.17	56.56	56.78
30	53.16	53.15	53.70	53.82	---	54.28	54.46	54.81	55.50	56.19	56.52	56.82
31	53.20	---	53.70	53.82	---	54.30	---	54.82	---	56.20	56.39	---
MEAN	52.88	53.29	53.50	53.66	53.92	54.15	54.32	54.63	55.15	55.89	56.51	---
MAX	53.20	53.40	53.70	53.83	54.06	54.30	54.46	54.82	55.50	56.20	56.72	---
MIN	52.52	53.15	53.18	53.50	53.79	53.99	54.23	54.46	54.82	55.54	56.23	---

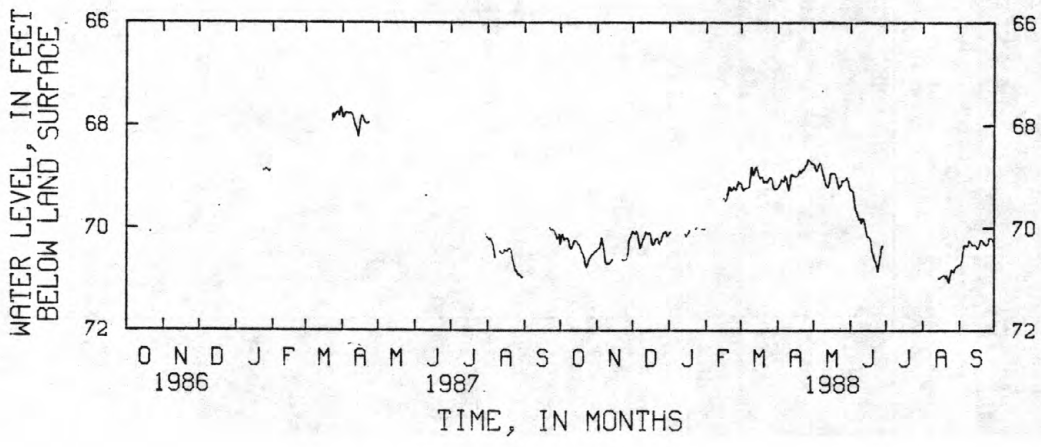


JASPER COUNTY

323111080592000. Local number, JAS-144.
LOCATION.--Lat 32°31'11'', long 80°59'20'', Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Highway 17.
Owner: Ted Roach
AQUIFER.--Hawthorn Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.
INSTRUMENTATION.--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, 71.07 ft below land-surface datum, Aug. 23, 1988.

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	70.32	70.44	70.07	70.11	---	69.12	69.21	68.74	69.26	---	---	70.72
2	70.17	70.41	70.10	70.08	---	69.22	69.17	68.80	69.26	---	---	70.72
3	70.13	70.39	70.12	---	---	69.26	69.13	68.88	69.29	---	---	70.65
4	70.23	70.31	70.07	---	---	69.24	69.06	68.88	69.47	---	---	70.48
5	70.22	70.20	70.11	---	---	69.22	69.08	68.79	69.63	---	---	70.35
6	70.21	70.33	70.28	---	---	69.22	69.09	68.73	69.69	---	---	70.34
7	70.20	70.47	70.39	---	---	69.20	68.98	68.76	69.77	---	---	70.35
8	70.26	70.66	70.38	---	---	69.19	69.02	68.88	69.83	---	---	70.35
9	70.37	70.71	70.30	---	---	69.01	69.17	68.97	69.82	---	---	70.25
10	70.41	70.70	70.22	---	---	68.81	69.26	69.05	69.90	---	---	70.25
11	70.38	70.70	70.16	---	---	68.95	69.15	69.15	69.82	---	---	70.31
12	70.30	70.69	70.09	---	---	68.95	68.97	69.18	69.83	---	---	70.34
13	70.26	70.65	70.11	---	---	68.84	68.95	69.20	69.92	---	---	70.34
14	70.26	70.62	70.13	70.12	---	68.81	68.98	69.11	70.07	---	70.98	70.33
15	70.28	---	70.10	70.17	69.43	68.89	68.98	68.95	70.16	---	71.00	70.35
16	70.32	---	70.13	70.14	69.41	68.98	68.99	68.93	70.18	---	70.97	70.41
17	70.34	---	70.30	70.10	69.47	69.02	68.99	68.93	70.19	---	70.95	70.39
18	70.41	---	70.33	70.05	69.44	69.01	68.95	68.93	70.26	---	70.93	70.31
19	70.48	---	70.31	---	69.33	69.01	68.88	68.94	70.46	---	70.93	70.24
20	70.51	---	70.24	---	69.20	69.10	68.93	69.01	70.53	---	70.97	70.24
21	70.58	---	70.21	---	69.20	69.10	68.89	69.12	70.63	---	70.93	70.29
22	70.72	70.62	70.21	---	69.27	69.09	68.86	69.22	70.66	---	71.03	70.31
23	70.77	70.64	70.30	70.02	69.25	69.11	68.87	69.19	70.75	---	71.07	70.34
24	70.71	70.64	70.32	70.00	69.20	69.06	68.79	69.17	70.85	---	70.94	70.34
25	70.63	70.62	70.25	---	69.22	69.02	68.77	69.08	70.71	---	70.83	70.31
26	70.59	70.61	70.17	---	69.25	69.01	68.66	69.07	70.56	---	70.84	70.21
27	70.55	70.50	70.11	---	69.16	69.04	68.67	69.07	70.41	---	70.87	70.20
28	70.52	70.22	70.09	70.02	69.10	69.19	68.69	69.04	70.36	---	70.80	70.21
29	70.50	70.19	70.07	70.03	69.12	69.24	68.73	69.01	---	---	70.76	70.26
30	70.47	70.12	70.15	70.03	---	69.23	68.75	69.09	---	---	70.75	70.33
31	70.46	---	70.15	70.02	---	69.24	---	69.22	---	---	70.73	---
MEAN	70.41	---	70.19	---	---	69.08	68.95	69.00	---	---	---	70.35
MAX	70.77	---	70.39	---	---	69.26	69.26	69.22	---	---	---	70.72
MIN	70.13	---	70.07	---	---	68.81	68.66	68.73	---	---	---	70.20

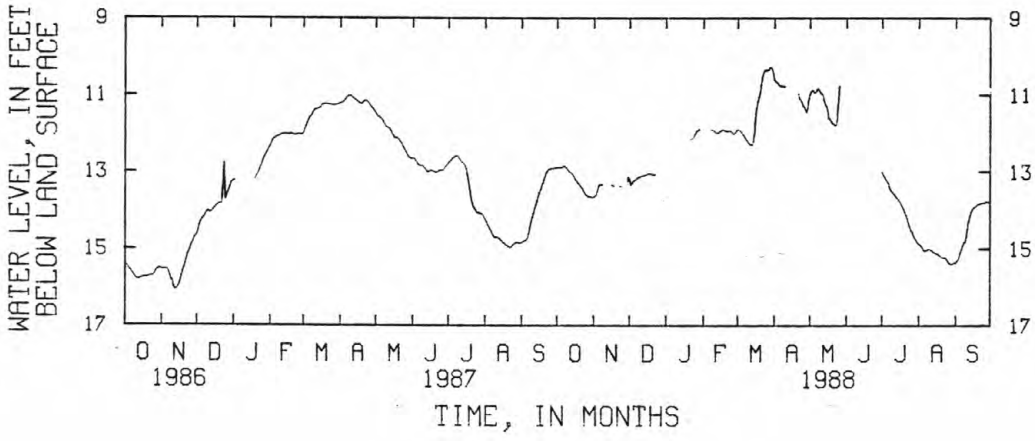


LEE COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.90	13.67	13.19	---	---	11.91	10.60	10.99	---	13.03	14.89	15.38
2	12.90	13.64	13.34	---	---	11.91	10.65	10.92	---	13.09	14.92	15.32
3	12.90	13.61	13.31	---	---	11.94	10.67	10.88	---	13.14	14.95	15.29
4	12.90	13.52	13.27	---	---	11.97	10.70	10.89	---	13.20	14.99	15.22
5	12.89	13.38	13.24	---	---	12.01	10.74	10.93	---	13.25	15.04	15.12
6	12.87	13.35	13.21	---	---	12.06	10.76	10.92	---	13.29	15.07	15.03
7	12.86	13.34	13.19	---	---	12.11	10.77	10.86	---	13.40	15.06	14.94
8	12.87	13.34	13.16	---	11.91	12.16	10.77	10.84	---	13.47	15.04	14.86
9	12.90	---	13.15	---	11.92	12.20	10.78	10.87	---	13.51	15.02	14.82
10	12.95	---	13.13	---	11.94	12.25	10.78	10.93	---	13.56	15.02	14.71
11	12.99	---	13.12	---	11.96	12.28	---	10.97	---	13.59	15.04	14.50
12	13.02	---	13.11	---	11.99	12.30	---	10.99	---	13.63	15.06	14.32
13	13.04	---	13.10	---	12.00	12.31	---	11.16	---	13.67	15.09	14.17
14	13.07	---	13.10	---	11.98	12.23	---	11.25	---	13.71	15.11	14.07
15	13.12	---	13.09	---	11.96	12.02	---	11.30	---	13.74	15.13	14.00
16	13.18	13.35	13.08	---	11.93	11.63	---	11.42	---	13.79	15.14	13.96
17	13.23	13.37	13.06	---	11.91	11.35	---	11.60	---	13.85	15.15	13.93
18	13.28	13.37	13.06	---	11.91	11.18	---	11.64	---	13.91	15.18	13.91
19	13.31	---	13.06	---	11.93	11.07	---	11.70	---	13.97	15.20	13.88
20	13.35	---	13.07	---	11.94	10.95	---	11.75	---	14.05	15.23	13.86
21	13.39	---	13.08	12.17	11.95	10.73	10.96	11.76	---	14.14	15.24	13.84
22	13.43	13.37	13.08	12.16	11.94	10.52	11.10	11.79	---	14.24	15.24	13.83
23	13.48	13.38	13.07	12.14	11.94	10.41	11.13	11.79	---	14.34	15.24	13.82
24	13.54	13.39	---	12.10	11.95	10.37	11.19	11.66	---	14.43	15.27	13.82
25	13.59	---	---	12.03	11.97	10.36	11.27	11.23	---	14.51	15.32	13.81
26	13.63	---	---	11.97	12.00	10.37	11.32	10.77	---	14.57	15.36	13.80
27	13.65	---	---	11.93	12.03	10.35	11.39	---	---	14.65	15.39	13.79
28	13.65	---	---	11.91	11.98	10.29	11.45	---	---	14.71	15.41	13.79
29	13.66	13.33	---	11.91	11.93	10.28	11.36	---	---	14.76	15.41	13.79
30	13.67	13.16	---	---	---	10.32	11.12	---	---	14.82	15.39	13.81
31	13.68	---	---	---	---	10.44	---	---	---	14.86	15.37	---
MEAN	13.22	---	---	---	---	11.36	---	---	---	13.90	15.16	14.31
MAX	13.68	---	---	---	---	12.31	---	---	---	14.86	15.41	15.38
MIN	12.86	---	---	---	---	10.28	---	---	---	13.03	14.89	13.79



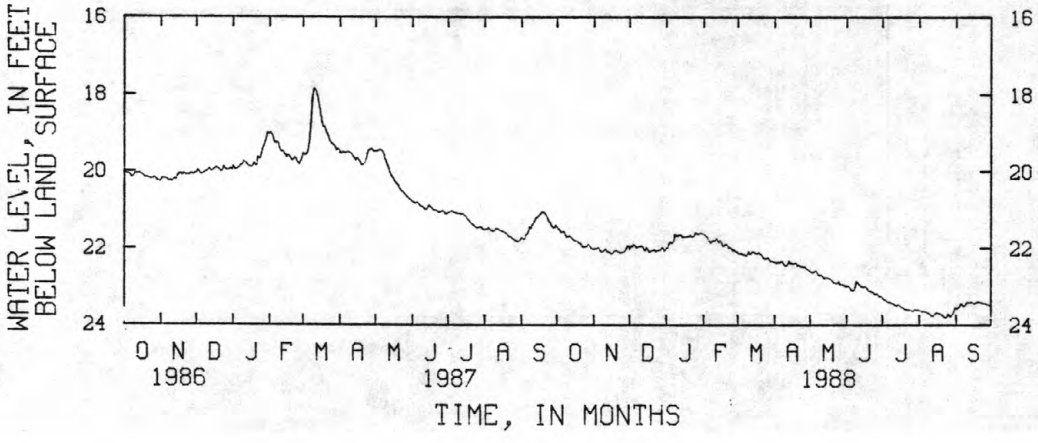
MARION COUNTY

335143079195000. Local number, MN-77.
LOCATION.--Lat 33°51'43'', long 79°19'50'', Hydrologic Unit 03040201, approximately 500 ft south of Britton Neck fire tower, near the intersection of county road 908 and U.S. 378, and 16.2 mi west of Conway.
Owner: U.S. Geological Survey; on property owned by South Carolina Forestry Commission.
AQUIFER.--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, 23.83 ft below land-surface datum, Aug. 23, 1988.

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	21.46	22.04	22.04	22.01	21.64	22.13	22.38	22.61	23.00	23.30	23.63	23.58
2	21.51	22.03	21.97	22.00	21.66	22.15	22.39	22.63	23.00	23.34	23.65	23.58
3	21.53	22.03	21.96	21.91	21.70	22.16	22.40	22.64	23.02	23.36	23.66	23.56
4	21.59	22.00	21.92	21.85	21.72	22.14	22.37	22.63	23.07	23.38	23.66	23.53
5	21.59	21.99	21.94	21.87	21.80	22.18	22.39	22.61	23.11	23.40	23.66	23.47
6	21.58	22.07	21.97	21.88	21.84	22.18	22.37	22.61	23.11	23.42	23.67	23.47
7	21.59	22.10	21.99	21.83	21.87	22.19	22.35	22.66	23.11	23.42	23.68	23.51
8	21.66	22.10	21.99	21.66	21.84	22.22	22.40	22.71	23.04	23.43	23.70	23.52
9	21.72	22.09	21.97	21.67	21.82	22.17	22.45	22.72	22.89	23.45	23.71	23.47
10	21.72	22.04	21.96	21.69	21.82	22.10	22.47	22.71	22.90	23.46	23.74	23.43
11	21.70	22.04	21.96	21.68	21.81	22.16	22.46	22.73	22.94	23.49	23.77	23.44
12	21.69	22.10	21.97	21.67	21.76	22.15	22.42	22.78	22.97	23.50	23.78	23.43
13	21.73	22.10	22.05	21.66	21.82	22.11	22.34	22.80	23.00	23.51	23.78	23.43
14	21.78	22.12	22.07	21.72	21.86	22.10	22.40	22.79	23.02	23.48	23.72	23.41
15	21.80	22.15	22.00	21.71	21.81	22.13	22.39	22.79	23.03	23.50	23.70	23.43
16	21.82	22.16	22.03	21.73	21.87	22.14	22.42	22.79	23.02	23.53	23.69	23.46
17	21.82	22.13	22.09	21.72	21.94	22.16	22.42	22.80	23.03	23.54	23.71	23.45
18	21.84	22.08	22.11	21.70	21.96	22.14	22.40	22.81	23.07	23.56	23.71	23.43
19	21.87	22.09	22.10	21.72	21.92	22.12	22.40	22.84	23.11	23.59	23.74	23.41
20	21.88	22.07	22.07	21.69	21.91	22.17	22.47	22.87	23.13	23.61	23.75	23.41
21	21.90	22.09	22.07	21.68	21.94	22.19	22.45	22.90	23.14	23.61	23.77	23.42
22	21.96	22.12	22.05	21.71	22.00	22.26	22.48	22.92	23.15	23.62	23.81	23.43
23	21.98	22.13	22.09	21.71	21.98	22.28	22.50	22.93	23.17	23.63	23.83	23.44
24	21.98	22.14	22.09	21.70	22.00	22.29	22.48	22.93	23.20	23.63	23.80	23.45
25	21.97	22.13	22.07	21.62	22.04	22.28	22.51	22.88	23.22	23.63	23.73	23.45
26	21.97	22.10	22.06	21.62	22.08	22.26	22.50	22.94	23.20	23.64	23.76	23.47
27	21.92	22.09	22.06	21.65	22.04	22.29	22.52	22.96	23.22	23.66	23.80	23.48
28	21.95	22.03	22.00	21.64	22.09	22.34	22.55	22.95	23.26	23.61	23.77	23.49
29	21.99	21.96	22.00	21.63	22.10	22.35	22.58	22.97	23.27	23.62	23.73	23.50
30	22.02	21.96	22.08	21.62	---	22.35	22.60	22.99	23.27	23.62	23.67	23.53
31	22.03	---	22.06	21.63	---	22.37	---	23.01	---	23.62	23.57	---
MEAN	21.79	22.08	22.03	21.73	21.88	22.20	22.44	22.80	23.09	23.52	23.72	23.47
MAX	22.03	22.16	22.11	22.01	22.10	22.37	22.60	23.01	23.27	23.66	23.83	23.58
MIN	21.46	21.96	21.92	21.62	21.64	22.10	22.34	22.61	22.89	23.30	23.57	23.41

CAL YR 1987 MEAN 20.76 HIGH 17.87 LOW 22.16
WTR YR 1988 MEAN 22.56 HIGH 21.46 LOW 23.83



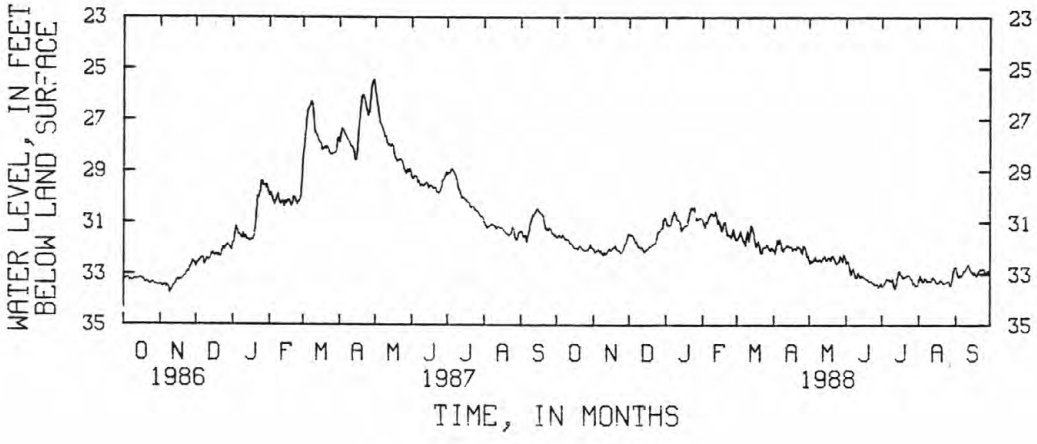
MARLBORO COUNTY

342935079431000. Local number, MLB-110.
LOCATION.--Lat 34°29'35'', long 79°43'10'', Hydrologic Unit 03040201, 154 ft north of S-35-264 and 150 ft east of S-35-57, south of railroad tracks at Oak River Mills in Bennettsville.
Owner: Oak River Mills.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 115 ft, screened interval 75-115 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.
REMARKS.--1957 water-quality data on file in District office.
PERIOD OF RECORD.--July 1981 to current year.
EXTREMES 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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.60	32.05	31.46	30.88	30.91	31.69	32.08	32.46	32.59	33.50	33.23	32.74
2	31.58	32.16	31.51	31.10	31.09	31.62	32.21	32.60	32.53	33.49	33.08	32.94
3	31.51	32.17	31.48	31.11	31.20	31.52	31.93	32.53	32.57	33.40	33.20	33.08
4	31.56	32.10	31.54	31.11	30.99	31.36	31.69	32.54	32.85	33.34	33.32	33.13
5	31.60	32.07	31.64	31.10	31.03	31.53	31.83	32.48	33.03	33.21	33.30	33.07
6	31.49	32.16	31.78	30.87	30.82	31.69	31.68	32.35	32.88	33.21	33.18	33.10
7	31.58	32.11	31.76	30.74	30.76	31.78	31.81	32.48	32.79	33.26	33.21	33.02
8	31.66	32.21	31.89	30.59	30.65	31.89	32.07	32.51	33.01	33.25	33.32	32.90
9	31.66	32.29	31.97	30.71	30.67	31.62	32.13	32.48	33.13	33.30	33.28	32.90
10	31.69	32.19	31.98	30.88	30.76	31.37	32.01	32.43	33.13	33.20	33.30	32.80
11	31.70	32.24	32.01	30.92	30.74	31.74	31.98	32.51	32.96	33.50	33.32	32.68
12	31.82	32.22	31.97	30.94	30.58	31.46	31.92	32.47	33.05	33.58	33.20	32.64
13	31.83	32.11	32.14	31.04	30.82	31.13	31.91	32.37	33.15	33.45	33.14	32.80
14	31.88	32.04	32.16	31.33	31.04	31.22	31.95	32.32	33.08	33.16	33.19	32.91
15	31.95	32.09	32.08	31.25	30.93	31.43	31.93	32.46	33.10	32.93	33.29	32.92
16	32.01	32.08	32.07	31.20	31.14	31.70	31.96	32.48	33.15	32.91	33.35	33.02
17	32.01	32.01	32.00	31.14	31.33	31.95	32.08	32.39	33.18	33.02	33.36	32.95
18	32.01	31.98	31.96	31.13	31.24	31.84	32.03	32.38	33.23	33.10	33.34	33.03
19	32.05	31.90	31.93	31.13	31.03	31.74	32.01	32.48	33.21	33.18	33.26	33.09
20	31.95	32.03	31.88	30.89	30.98	31.95	32.06	32.33	33.29	33.14	33.27	32.96
21	31.94	32.08	31.87	30.63	31.31	32.19	31.94	32.29	33.31	33.11	33.34	32.89
22	32.02	32.09	31.82	30.49	31.50	32.19	31.98	32.44	33.30	33.08	33.41	32.83
23	32.07	32.13	31.82	30.43	31.50	32.00	31.98	32.55	33.33	33.07	33.35	32.82
24	32.10	32.21	31.64	30.51	31.54	31.96	32.12	32.61	33.38	33.07	33.33	32.83
25	32.10	32.14	31.39	30.42	31.62	31.99	32.23	32.60	33.43	33.16	33.32	32.79
26	32.10	32.05	31.36	30.71	31.47	31.88	31.92	32.51	33.43	33.23	33.30	32.96
27	32.08	31.89	31.36	30.91	31.26	31.92	31.93	32.32	33.40	33.39	33.43	32.99
28	32.00	31.82	31.26	30.89	31.58	32.07	32.03	32.41	33.54	33.36	33.46	32.89
29	31.88	31.68	31.22	30.87	31.66	32.09	32.35	32.52	33.47	33.46	33.21	32.91
30	31.97	31.48	30.95	30.84	---	31.99	32.33	32.25	33.38	33.47	32.90	32.86
31	32.00	---	30.83	30.85	---	32.05	---	32.36	---	33.46	32.76	---
MEAN	31.85	32.06	31.70	30.89	31.11	31.76	32.00	32.45	33.13	33.26	33.26	32.91
MAX	32.10	32.29	32.16	31.33	31.66	32.19	32.35	32.61	33.54	33.58	33.46	33.13
MIN	31.49	31.48	30.83	30.42	30.58	31.13	31.68	32.25	32.53	32.91	32.76	32.64

CAL YR 1987 MEAN 30.12 HIGH 25.44 LOW 32.29
WTR YR 1988 MEAN 32.20 HIGH 30.42 LOW 33.58



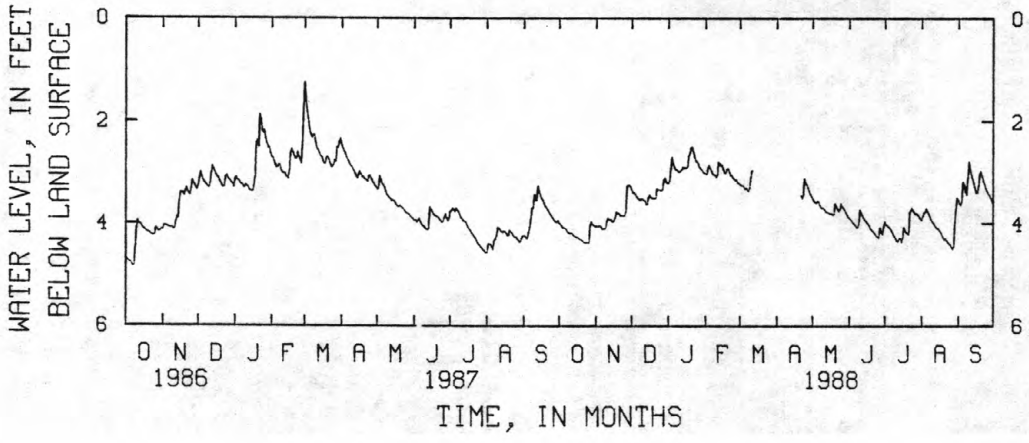
MARLBORO COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.00	4.06	3.34	3.22	3.03	3.24	---	3.52	3.90	3.97	3.94	3.54
2	4.03	4.06	3.40	3.16	3.04	3.25	---	3.56	3.93	4.02	3.86	3.61
3	4.06	4.06	3.40	2.93	2.92	3.26	---	3.59	3.95	4.05	3.79	3.64
4	4.09	4.05	3.43	2.70	2.86	3.26	---	3.60	3.98	4.07	3.79	3.58
5	4.09	4.06	3.48	2.83	2.92	3.32	---	3.56	4.01	4.09	3.71	3.18
6	4.10	4.11	3.51	2.90	2.98	3.31	---	3.58	4.04	4.13	3.76	3.25
7	4.13	4.11	3.53	2.94	3.03	3.34	---	3.64	4.07	4.17	3.81	3.38
8	4.17	4.11	3.54	2.94	3.04	3.37	---	3.69	4.09	4.22	3.87	3.44
9	4.19	4.10	3.53	2.98	3.06	3.31	---	3.70	4.03	4.26	3.93	3.11
10	4.20	3.96	3.53	2.99	3.10	3.09	---	3.70	3.74	4.30	3.97	2.79
11	4.19	3.91	3.54	2.97	3.05	2.96	---	3.73	3.80	4.34	4.00	2.93
12	4.20	3.93	3.56	2.95	2.80	---	---	3.77	3.84	4.35	4.04	3.05
13	4.23	3.93	3.62	2.90	2.82	---	---	3.78	3.89	4.30	4.08	3.14
14	4.26	3.95	3.63	2.92	2.87	---	---	3.79	3.93	4.30	4.10	3.22
15	4.27	3.97	3.50	2.90	2.86	---	---	3.80	3.96	4.36	4.10	3.31
16	4.28	3.96	3.45	2.92	2.94	---	---	3.82	3.99	4.29	4.14	3.40
17	4.29	3.89	3.49	2.88	3.00	---	---	3.81	4.02	4.09	4.18	3.40
18	4.31	3.79	3.51	2.68	3.02	---	---	3.83	4.06	4.14	4.23	3.26
19	4.32	3.81	3.51	2.62	2.94	---	---	3.83	4.11	4.18	4.28	3.04
20	4.33	3.80	3.51	2.52	2.92	---	---	3.61	4.13	4.20	4.32	2.98
21	4.35	3.84	3.51	2.50	3.00	---	3.46	3.67	4.16	4.21	4.30	3.08
22	4.38	3.85	3.33	2.62	3.06	---	3.51	3.72	4.19	3.78	4.33	3.17
23	4.38	3.85	3.34	2.70	3.06	---	3.45	3.76	4.22	3.74	4.37	3.23
24	4.38	3.86	3.35	2.78	3.11	---	3.13	3.73	4.25	3.70	4.39	3.31
25	4.38	3.85	3.35	2.78	3.14	---	3.20	3.62	4.27	3.75	4.42	3.37
26	4.39	3.78	3.36	2.83	3.16	---	3.24	3.67	4.28	3.80	4.46	3.42
27	4.03	3.27	3.34	2.90	3.14	---	3.30	3.70	4.09	3.82	4.50	3.45
28	3.98	3.26	3.17	2.93	3.20	---	3.37	3.73	4.16	3.81	4.47	3.51
29	4.02	3.25	3.11	2.96	3.21	---	3.43	3.79	4.21	3.84	3.98	3.56
30	4.04	3.28	3.18	2.99	---	---	3.48	3.84	4.07	3.88	3.71	3.60
31	4.06	---	3.20	3.01	---	---	---	3.88	---	3.91	3.51	---
MEAN	4.20	3.86	3.43	2.87	3.01	---	---	3.71	4.05	4.07	4.08	3.30
MAX	4.39	4.11	3.63	3.22	3.21	---	---	3.88	4.28	4.36	4.50	3.64
MIN	3.98	3.25	3.11	2.50	2.80	---	---	3.52	3.74	3.70	3.51	2.79

CAL YR 1987 MEAN 3.53 HIGH 1.25 LOW 4.58



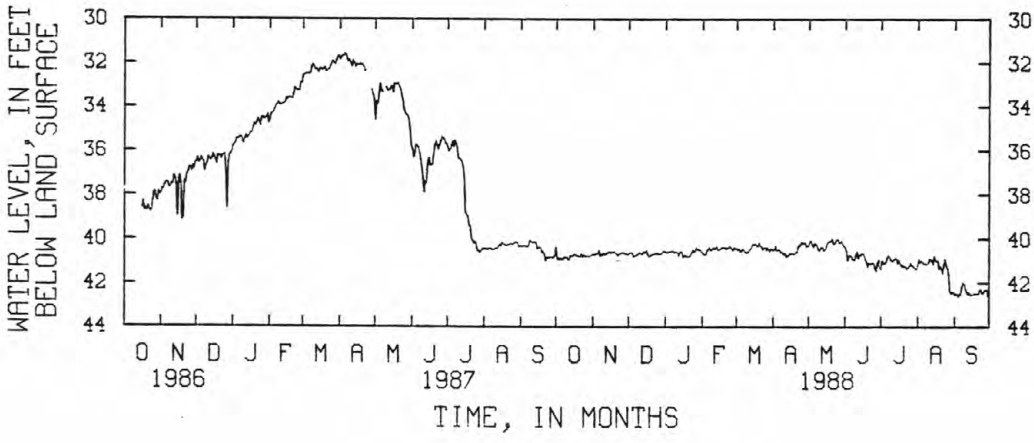
ORANGEBURG COUNTY

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.
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 1987 TO SEPTEMBER 1988
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.41	40.72	40.70	40.59	40.63	40.45	40.52	40.31	40.38	41.39	41.23	42.54
2	40.90	40.74	40.65	40.64	40.72	40.51	40.49	40.13	40.59	41.00	40.96	42.50
3	40.95	40.70	40.65	40.62	40.72	40.48	40.35	40.10	41.00	41.14	41.06	42.51
4	40.92	40.73	40.67	40.61	40.73	40.57	40.53	40.28	40.79	41.10	41.02	42.63
5	40.92	40.66	40.81	40.61	40.54	40.58	40.52	40.36	40.80	41.12	41.07	42.50
6	40.94	40.54	40.80	40.56	40.46	40.49	40.49	40.22	40.78	40.91	41.14	42.54
7	40.93	40.77	40.76	40.56	40.42	40.53	40.62	40.27	40.92	40.78	41.14	42.18
8	40.84	40.72	40.74	40.62	40.52	40.60	40.59	40.31	40.94	40.78	41.16	42.00
9	40.86	40.75	40.70	40.63	40.50	40.65	40.66	40.49	40.99	40.95	41.16	42.05
10	40.84	40.67	40.63	40.62	40.43	40.64	40.72	40.56	40.72	41.00	41.06	42.24
11	40.94	40.74	40.67	40.63	40.47	40.61	40.66	40.44	40.60	41.01	40.92	42.39
12	40.97	40.69	40.72	40.75	40.47	40.50	40.82	40.39	40.89	40.94	40.99	42.50
13	40.80	40.65	40.65	40.63	40.38	40.45	40.78	40.42	40.77	40.92	40.97	42.42
14	40.78	40.63	40.59	40.61	40.50	40.33	40.76	40.53	40.72	40.89	41.16	42.53
15	40.79	40.61	40.63	40.63	40.51	40.26	40.67	40.48	40.68	41.12	40.79	42.54
16	40.73	40.64	40.53	40.84	40.49	40.27	40.69	40.37	40.68	40.97	40.99	42.53
17	40.72	40.62	40.70	40.77	40.43	40.25	40.66	40.21	40.76	41.12	41.02	42.49
18	40.77	40.60	40.82	40.78	40.42	40.33	40.69	40.15	40.92	41.23	40.99	42.49
19	40.79	40.61	40.80	40.83	40.41	40.33	40.70	40.12	41.07	41.22	41.35	42.48
20	40.80	40.65	40.76	40.83	40.41	40.20	40.61	40.12	41.28	41.27	41.26	42.48
21	40.82	40.72	40.71	40.82	40.48	40.32	40.62	40.01	41.13	41.24	41.35	42.49
22	40.71	40.77	40.70	40.76	40.43	40.38	40.37	40.23	41.14	41.31	41.56	42.34
23	40.82	40.71	40.70	40.65	40.42	40.49	40.29	40.24	41.15	41.37	41.15	42.27
24	40.75	40.68	40.65	40.53	40.36	40.46	40.32	40.14	41.10	41.32	40.93	42.43
25	40.78	40.66	40.70	40.60	40.40	40.39	40.18	40.05	41.15	41.25	41.22	42.47
26	40.82	40.63	40.70	40.58	40.46	40.51	40.22	40.03	41.36	41.11	41.34	42.35
27	40.80	40.64	40.69	40.44	40.53	40.41	40.21	40.19	41.47	41.20	41.65	42.31
28	40.81	40.69	40.69	40.48	40.43	40.49	40.20	40.18	41.12	41.25	42.38	42.31
29	40.82	40.68	40.65	40.51	40.46	40.58	40.33	40.09	40.98	41.31	42.47	42.58
30	40.78	40.74	40.57	40.51	---	40.47	40.34	40.26	41.34	41.36	42.43	42.53
31	40.75	---	40.58	40.56	---	40.48	---	40.33	---	41.38	42.42	---
MEAN	40.81	40.68	40.69	40.64	40.49	40.45	40.52	40.26	40.94	41.13	41.30	42.42
MAX	40.97	40.77	40.82	40.84	40.73	40.65	40.82	40.56	41.47	41.39	42.47	42.63
MIN	40.41	40.54	40.53	40.44	40.36	40.20	40.18	40.01	40.38	40.78	40.79	42.00

WTR YR 1988 MEAN 40.86 HIGH 40.01 LOW 42.63

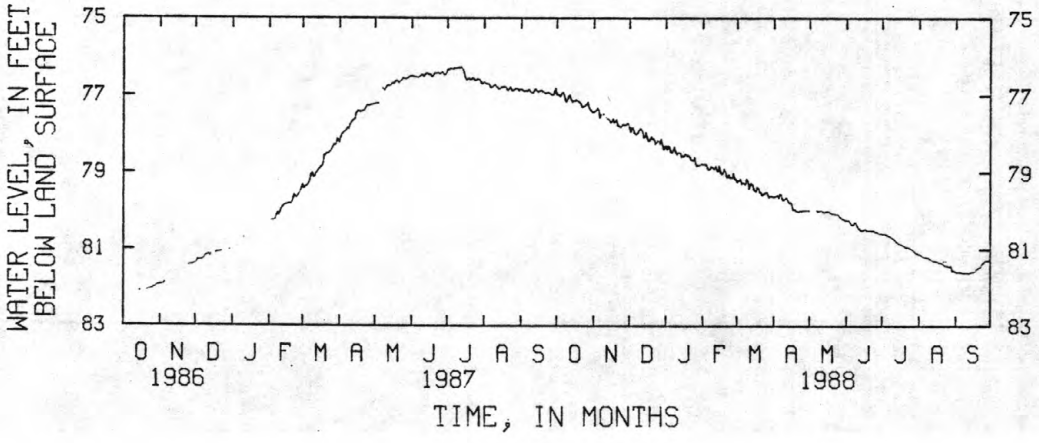


RICHLAND COUNTY

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.
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, (revised); lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

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	76.96	77.43	77.84	78.31	78.79	79.24	79.64	80.00	80.25	80.60	81.13	81.60
2	76.98	77.41	77.94	78.40	78.78	79.22	79.63	80.01	80.25	80.61	81.14	81.60
3	77.00	77.39	77.85	78.31	78.81	79.20	79.61	---	80.25	80.61	81.17	81.60
4	77.02	77.33	77.84	78.34	78.78	79.17	79.60	---	80.30	80.62	81.19	81.60
5	76.96	77.37	77.97	78.46	78.89	79.30	79.66	---	80.35	80.63	81.20	81.60
6	76.92	77.57	78.01	78.48	78.92	79.27	79.58	79.98	80.36	80.65	81.21	81.60
7	76.97	77.55	78.01	78.42	78.92	79.29	79.57	80.00	80.35	80.66	81.21	81.62
8	77.12	77.53	77.97	78.34	78.85	79.31	79.69	80.02	80.31	80.68	81.23	81.62
9	77.16	77.49	77.91	78.46	78.86	79.17	79.72	80.01	80.32	80.70	81.23	81.62
10	77.10	---	77.86	78.52	78.91	79.18	79.70	80.00	80.39	80.72	81.25	81.62
11	77.01	77.56	77.89	78.49	78.89	79.41	79.66	80.00	80.44	80.74	81.27	81.62
12	76.99	77.61	77.94	78.49	78.84	79.33	79.67	80.02	80.47	80.78	81.29	81.63
13	77.11	77.59	78.09	78.49	78.95	79.27	79.75	80.03	80.50	80.81	81.30	81.62
14	77.17	77.65	78.08	78.60	78.96	79.32	79.79	80.03	80.51	80.84	81.31	81.60
15	77.15	77.71	77.96	78.56	78.83	79.43	79.77	80.02	80.51	80.86	81.31	81.59
16	77.15	77.68	78.10	78.59	78.99	79.47	79.82	80.02	80.50	80.87	81.32	81.60
17	77.12	77.61	78.17	78.53	79.04	79.49	79.96	80.02	80.48	80.89	81.34	81.58
18	77.13	77.70	78.18	78.53	79.01	79.39	79.97	80.04	80.51	80.90	81.35	81.53
19	77.16	77.69	78.12	78.57	78.91	79.40	79.98	80.05	80.52	80.91	81.35	81.51
20	77.17	77.63	78.07	78.54	78.96	79.50	80.01	80.07	80.52	80.94	81.36	81.49
21	77.21	77.77	78.13	78.60	79.10	79.52	80.02	80.08	80.52	80.95	81.37	81.47
22	77.30	77.80	78.13	78.68	79.12	79.59	80.02	80.08	80.52	80.95	81.41	81.47
23	77.29	77.81	78.25	78.67	79.06	79.57	80.00	80.09	80.52	80.96	81.43	81.40
24	77.28	77.82	78.23	78.69	79.13	79.55	80.01	80.09	80.53	80.97	81.44	81.36
25	77.25	77.77	78.18	78.61	79.13	79.53	80.01	80.10	80.55	80.98	81.44	81.33
26	77.23	77.76	78.19	78.77	79.15	79.51	80.00	80.14	80.55	81.00	81.45	81.30
27	77.18	77.77	78.25	78.83	79.03	79.58	80.00	80.17	80.56	81.03	81.47	81.30
28	77.31	77.77	78.15	78.82	79.17	79.64	80.00	80.20	80.59	81.06	81.43	81.30
29	77.38	77.73	78.28	78.81	79.17	79.62	80.00	80.21	80.60	81.09	81.56	81.29
30	77.41	77.74	78.40	78.80	---	79.62	80.00	80.23	80.59	81.11	81.56	81.29
31	77.44	---	78.35	78.78	---	79.63	---	80.25	---	81.12	81.57	---
MEAN	77.15	---	78.08	78.56	78.96	79.41	79.83	---	80.45	80.85	81.33	81.51
MAX	77.44	---	78.40	78.83	79.17	79.64	80.02	---	80.60	81.12	81.57	81.63
MIN	76.92	---	77.84	78.31	78.78	79.17	79.57	---	80.25	80.60	81.13	81.29



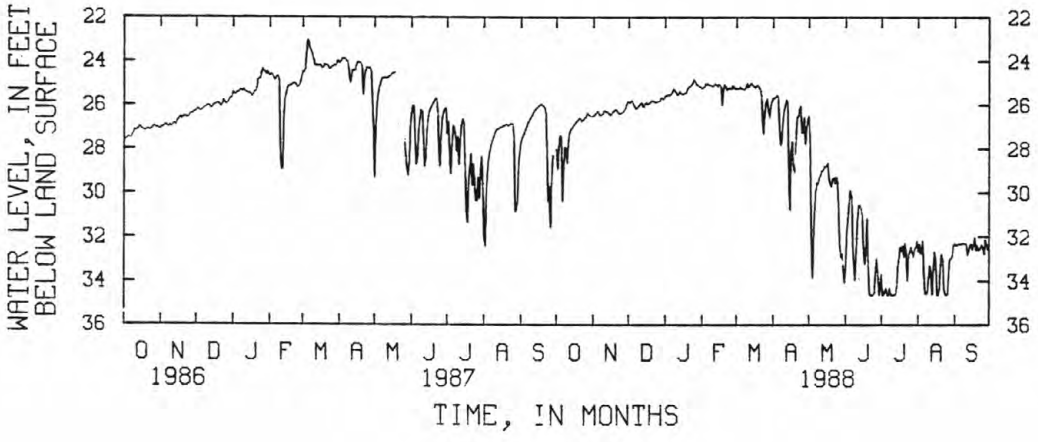
RICHLAND COUNTY

334944080380100. Local number, RIC-63.
LOCATION.--Lat 33°49'44'', long 80°38'01'', Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of 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.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.05	26.51	25.85	25.58	25.24	25.27	25.71	26.52	33.51	33.72	32.66	32.32
2	28.92	26.47	25.90	25.58	25.21	25.26	25.68	27.76	31.76	34.63	32.34	32.38
3	27.88	26.42	25.83	25.56	25.17	25.27	25.64	32.46	31.13	34.61	32.73	32.39
4	27.43	26.33	25.80	25.53	25.05	25.20	25.56	33.86	30.50	34.48	32.76	32.36
5	27.43	26.30	25.98	25.55	25.06	25.24	25.61	32.10	29.92	34.33	32.20	32.32
6	30.40	26.44	26.09	25.50	25.04	25.27	27.06	30.47	30.19	34.63	33.84	32.37
7	28.87	26.47	26.17	25.41	25.09	25.29	27.84	29.86	32.59	34.62	34.55	32.31
8	27.93	26.47	26.16	25.28	25.09	25.32	27.73	29.57	33.41	34.32	34.59	32.30
9	27.97	26.42	26.09	25.33	25.13	25.21	26.67	29.61	33.95	34.62	34.52	32.31
10	28.67	26.29	26.01	25.43	25.15	25.02	26.27	29.33	32.49	34.64	33.81	32.31
11	27.67	26.28	25.94	25.53	25.13	25.17	26.01	29.18	31.21	34.64	33.32	32.31
12	27.28	26.32	25.90	25.53	25.02	25.13	25.78	29.01	30.58	34.63	33.66	32.83
13	27.15	26.32	26.06	25.40	25.07	25.03	25.85	28.97	30.57	34.63	34.62	32.65
14	27.07	26.39	26.09	25.47	25.14	25.03	29.28	28.81	30.74	34.25	33.45	32.41
15	26.98	26.46	25.94	25.48	25.06	25.12	30.80	28.82	30.99	33.35	32.71	32.35
16	26.92	26.46	25.91	25.51	25.10	25.16	28.07	28.76	32.68	32.98	33.07	32.56
17	26.83	26.35	25.96	25.47	25.20	25.21	27.68	28.65	33.25	32.47	34.64	32.32
18	26.76	26.30	25.96	25.48	26.00	25.14	28.94	29.44	32.50	32.64	34.64	32.06
19	26.72	26.27	25.90	25.41	25.29	25.10	29.06	29.60	31.19	32.42	34.41	32.63
20	26.65	26.21	25.82	25.25	25.08	25.21	27.74	29.73	33.13	32.89	33.28	32.39
21	26.64	26.27	25.82	25.17	25.16	25.25	26.57	29.39	34.60	32.29	32.80	32.60
22	26.74	26.37	25.82	25.15	25.30	25.58	26.53	29.32	34.64	32.81	33.06	32.61
23	26.71	26.41	25.87	25.10	25.26	26.86	26.21	29.57	34.64	33.98	34.40	32.48
24	26.70	26.41	25.87	25.02	25.24	27.31	26.06	29.31	34.64	32.98	34.63	32.38
25	26.60	26.36	25.85	24.86	25.23	26.27	27.25	29.32	34.54	32.65	34.63	32.54
26	26.55	26.33	25.83	24.92	25.27	25.88	27.26	30.64	33.61	32.47	34.59	32.80
27	26.40	26.28	25.83	25.04	25.11	25.75	26.59	32.43	33.03	32.71	33.79	32.15
28	26.45	26.15	25.69	25.09	25.20	26.28	27.78	32.92	33.59	32.91	33.03	32.37
29	26.50	25.98	25.67	25.11	25.25	26.57	27.03	32.78	34.63	32.57	33.01	32.56
30	26.52	25.85	25.75	25.16	---	26.01	26.65	33.58	34.19	32.48	32.87	32.43
31	26.52	---	25.68	25.19	---	25.82	---	34.06	---	32.22	32.38	---
MEAN	27.29	26.33	25.90	25.33	25.18	25.52	27.03	30.19	32.61	33.53	33.58	32.43
MAX	30.40	26.51	26.17	25.58	26.00	27.31	30.80	34.06	34.64	34.64	34.64	32.83
MIN	26.40	25.85	25.67	24.86	25.02	25.02	25.56	26.52	29.92	32.22	32.20	32.06

WTR YR 1988 MEAN 28.75 HIGH 24.86 LOW 34.64

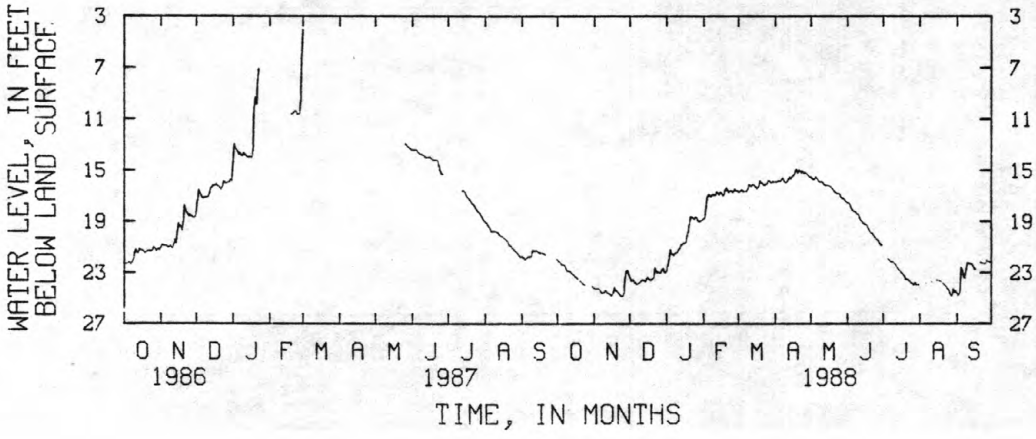


RICHLAND COUNTY

340540081021508. Local number, RIC-309.
LOCATION.--Lat 34°05'40'', long 81°02'15'', Hydrologic Unit 03050106, north of Columbia off State Road 423 at Lincolnshire subdivision.
Owner: Heater Utilities.
AQUIFER.--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.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.04	24.26	23.38	22.91	18.81	16.67	15.90	15.54	17.56	---	---	24.62
2	22.14	24.30	23.60	22.42	18.73	16.69	15.90	15.63	17.59	---	---	24.80
3	22.20	24.30	23.66	21.99	17.96	16.61	15.86	15.70	17.68	---	---	24.79
4	22.36	24.30	23.58	21.24	17.12	16.49	15.80	15.71	17.94	---	---	24.38
5	22.39	24.32	23.76	21.50	16.94	16.64	15.85	15.54	18.12	21.94	---	22.64
6	22.40	24.48	23.87	21.63	16.95	16.66	15.75	15.60	18.18	22.03	23.89	22.89
7	22.47	24.60	23.91	21.65	17.06	16.63	15.60	15.75	18.22	22.15	---	23.34
8	22.67	24.60	23.90	21.51	16.94	16.67	15.78	15.87	18.29	22.18	---	23.47
9	22.86	24.60	23.81	21.47	16.90	16.47	15.93	15.93	18.40	22.17	23.63	22.75
10	22.91	24.49	23.70	21.42	16.91	16.11	15.96	15.90	18.47	22.22	23.59	22.28
11	22.92	24.48	23.64	21.21	16.91	16.22	15.86	15.93	18.71	22.37	23.72	22.29
12	22.94	24.62	23.57	21.11	16.70	16.24	15.68	16.09	18.86	22.46	---	22.30
13	23.06	24.63	23.65	20.86	16.78	16.10	15.55	16.16	19.00	22.65	---	22.33
14	23.15	24.69	23.72	20.78	16.88	16.12	15.67	16.18	19.13	22.76	---	22.38
15	23.25	24.79	23.50	20.73	16.72	16.24	15.52	16.17	19.21	22.84	23.61	22.55
16	23.36	24.84	23.38	20.72	16.77	16.37	15.43	16.18	19.22	22.99	23.61	22.74
17	23.42	24.57	23.53	20.60	16.95	16.42	15.32	16.26	19.30	23.05	23.64	22.73
18	23.50	24.18	23.60	20.13	16.91	16.26	15.04	16.31	19.46	23.17	23.66	---
19	---	24.43	23.59	19.81	16.58	15.81	14.92	16.41	19.67	23.29	23.71	---
20	23.67	24.45	23.52	19.28	16.38	15.94	15.18	16.54	19.81	23.52	23.79	---
21	23.73	24.56	23.43	18.65	16.55	15.98	14.99	16.67	19.91	23.56	23.88	22.23
22	23.87	24.73	22.64	18.66	16.72	16.15	15.04	16.76	19.97	23.58	24.00	22.27
23	23.93	24.82	22.86	18.74	16.63	16.15	15.19	16.81	20.09	23.64	24.10	22.28
24	24.00	24.87	23.01	18.80	16.62	16.10	15.05	16.83	20.24	23.76	24.25	22.30
25	---	24.85	22.99	18.68	16.68	16.01	15.22	16.82	20.41	23.86	24.37	22.33
26	---	24.67	22.98	18.70	16.72	15.80	15.19	17.02	20.43	23.92	24.62	22.08
27	---	23.42	23.04	18.93	16.49	15.78	15.25	17.15	20.54	23.99	24.82	22.13
28	---	22.88	22.81	19.02	16.57	15.94	15.34	17.17	20.73	23.82	24.84	22.16
29	---	22.84	22.71	19.03	16.60	15.95	15.44	17.24	20.83	23.97	24.31	22.20
30	24.08	23.15	22.95	18.97	---	15.90	15.50	17.36	20.89	---	24.57	22.24
31	24.20	---	23.00	18.89	---	15.91	---	17.48	---	23.98	24.46	---
MEAN	---	24.36	23.40	20.32	16.95	16.23	15.49	16.35	19.23	---	---	---
MAX	---	24.87	23.91	22.91	18.81	16.69	15.96	17.48	20.89	---	---	---
MIN	---	22.84	22.64	18.65	16.38	15.78	14.92	15.54	17.56	---	---	---



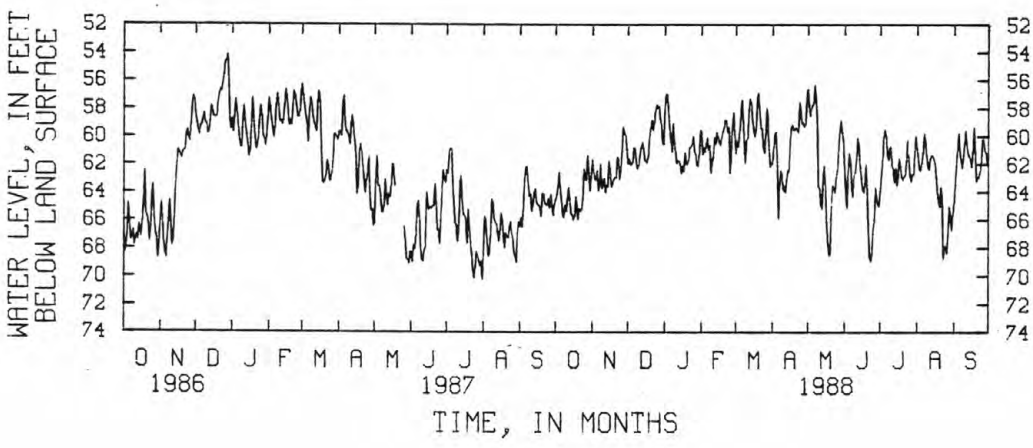
SUMTER COUNTY

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.
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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	64.59	61.69	61.98	57.99	59.58	61.22	61.98	56.63	62.47	64.00	60.91	64.78
2	64.20	62.38	61.64	57.02	61.34	60.37	60.71	57.81	64.17	62.93	61.79	63.45
3	63.58	63.10	62.00	56.97	60.85	60.74	59.82	58.53	65.12	61.73	62.39	62.12
4	62.58	63.07	62.02	58.13	61.10	59.76	59.70	58.02	62.40	60.01	62.46	61.00
5	63.69	62.50	61.86	59.43	60.53	58.69	61.87	57.79	61.24	59.57	61.91	59.78
6	64.76	63.90	60.81	60.34	60.12	57.38	65.90	57.59	61.70	60.10	61.14	61.34
7	65.68	63.57	60.93	61.07	60.95	59.02	63.41	56.33	63.92	61.39	59.80	61.76
8	65.81	62.03	61.91	59.09	60.68	60.61	62.45	57.50	64.32	61.68	60.34	62.27
9	64.99	63.72	62.30	60.56	62.63	61.91	62.74	59.03	62.85	60.87	61.38	61.44
10	65.36	63.44	62.10	61.18	61.95	60.24	63.89	63.56	62.56	60.76	62.14	60.51
11	64.46	63.05	61.38	61.94	61.52	60.11	63.63	63.82	61.65	62.15	62.37	59.59
12	63.68	64.04	60.83	61.76	60.09	58.07	64.01	64.92	60.11	62.43	61.60	60.55
13	64.59	63.53	60.46	61.77	60.55	57.31	63.03	65.20	60.58	63.28	61.42	61.39
14	65.57	63.62	60.85	62.09	59.69	57.63	62.47	62.67	62.33	62.31	61.41	61.43
15	65.69	61.81	61.72	62.68	60.01	59.01	62.51	62.16	62.97	63.55	61.64	61.72
16	66.00	62.38	61.77	62.13	60.46	59.42	60.35	63.38	63.81	62.97	61.92	62.21
17	65.73	63.65	61.90	62.51	60.60	60.01	59.32	66.19	64.02	61.59	62.98	61.06
18	64.35	63.38	61.39	61.19	60.09	59.52	59.22	67.86	63.28	62.13	64.12	59.39
19	65.08	63.10	59.95	61.93	59.68	57.22	59.56	68.56	62.02	62.95	64.77	61.24
20	65.96	62.98	59.47	62.00	59.35	56.92	59.52	68.45	64.12	63.12	65.04	63.24
21	65.26	62.97	58.90	61.75	58.83	58.12	59.38	65.07	67.19	62.87	63.63	62.92
22	65.34	61.48	59.56	60.83	58.93	59.38	59.57	63.52	68.68	62.76	64.47	62.96
23	65.25	61.60	59.06	60.74	59.66	59.48	59.71	63.73	68.97	61.75	68.77	62.58
24	64.51	63.10	58.23	60.49	59.40	60.71	57.54	64.08	68.49	60.26	67.91	62.12
25	62.36	62.56	57.74	60.03	62.64	61.15	58.31	62.98	66.64	61.46	67.89	60.23
26	63.10	61.02	57.95	61.11	61.83	59.79	59.08	62.40	66.01	62.92	68.39	60.20
27	63.12	59.34	57.89	61.31	59.18	57.96	59.06	60.89	63.68	63.25	66.96	61.02
28	61.38	59.81	58.76	62.05	58.32	58.61	59.28	59.66	64.52	62.76	65.10	61.22
29	62.63	59.92	59.26	62.15	59.91	60.95	59.16	58.93	64.89	62.73	65.72	61.92
30	63.89	60.96	60.48	61.35	---	62.22	57.21	59.72	65.03	61.12	66.73	61.73
31	62.95	---	60.57	59.57	---	61.94	---	60.45	---	60.00	65.72	---
MEAN	64.39	62.46	60.51	60.75	60.36	59.53	60.81	61.85	63.99	61.98	63.64	61.57
MAX	66.00	64.04	62.30	62.68	62.64	62.22	65.90	68.56	68.97	64.00	68.77	64.78
MIN	61.38	59.34	57.74	56.97	58.32	56.92	57.21	56.33	60.11	59.57	59.80	59.39

WTR YR 1988 MEAN 61.82 HIGH 56.33 LOW 68.97

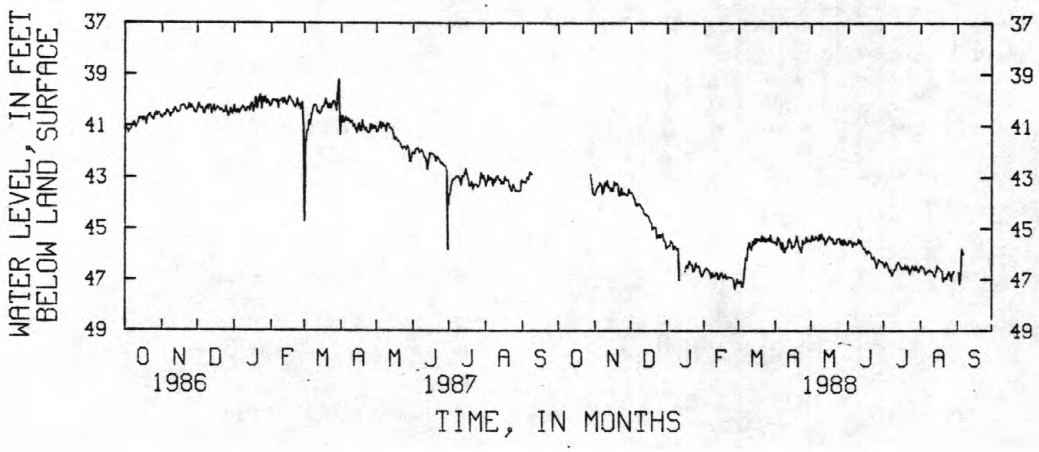


WILLIAMSBURG COUNTY

334410079310200. Local number, WL-76.
LOCATION.--Lat 33°44'10'', long 79°31'02'', Hydrologic Unit 03040205, 15 ft behind Allis-Chalmers store and 86 ft from the water tower in Stuckey.
Owner: Town of Stuckey.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 257 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--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, 47.38 ft below land-surface datum, Feb. 27, 1988.

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	---	43.68	43.62	45.73	46.68	47.12	45.57	45.51	45.61	46.40	46.49	---
2	---	43.49	43.60	45.71	46.60	47.14	45.65	45.29	45.48	46.51	46.47	46.73
3	---	43.38	43.76	45.67	46.54	47.07	45.35	45.43	45.53	46.31	46.57	47.19
4	---	43.34	43.87	45.49	46.60	47.28	45.38	45.44	45.51	46.39	46.54	47.01
5	---	43.22	44.07	45.57	46.66	47.29	45.57	45.32	45.72	46.54	46.80	45.80
6	---	43.33	44.11	45.84	46.74	46.61	45.80	45.39	45.56	46.68	46.74	46.01
7	---	43.64	44.03	45.70	46.94	46.14	45.56	45.48	45.61	46.63	46.69	---
8	---	43.56	44.06	45.72	46.74	46.24	45.91	45.26	45.65	46.86	46.64	---
9	---	43.23	44.10	45.85	46.90	45.77	45.94	45.42	45.59	46.80	46.62	---
10	---	43.31	44.20	45.80	46.86	45.56	45.77	45.21	45.41	46.61	46.70	---
11	---	43.14	44.27	47.03	46.75	45.74	45.74	45.41	45.60	46.64	46.69	---
12	---	43.37	44.41	---	46.72	45.85	45.48	45.39	45.49	46.42	46.82	---
13	---	43.42	44.48	---	46.99	45.52	45.41	45.64	45.67	46.33	46.91	---
14	---	43.52	44.45	---	46.98	45.61	45.55	45.51	45.82	46.36	46.70	---
15	---	43.41	44.52	---	46.79	45.40	45.78	45.42	45.79	46.48	46.46	---
16	---	43.54	44.57	46.68	46.73	45.56	45.69	45.33	45.91	46.60	46.54	---
17	---	43.18	44.70	46.47	46.93	45.41	45.72	45.30	46.01	46.55	46.57	---
18	---	43.31	44.79	46.56	46.92	45.44	45.52	45.43	45.88	46.58	46.64	---
19	---	43.25	45.05	46.41	46.79	45.44	45.30	45.39	45.94	46.42	46.67	---
20	---	43.26	44.97	46.28	46.98	45.49	45.56	45.60	45.98	46.60	47.09	---
21	---	43.72	44.98	46.39	46.93	45.29	45.75	45.58	46.17	46.49	47.00	---
22	---	43.71	44.98	46.45	46.91	45.48	45.84	45.60	46.20	46.61	46.93	---
23	---	43.43	45.40	46.69	46.90	45.36	45.94	45.44	46.10	46.79	46.97	---
24	---	43.66	45.36	46.63	46.94	45.53	45.46	45.41	46.31	46.63	46.79	---
25	---	43.65	45.25	46.36	46.93	45.45	45.60	45.38	46.54	46.47	46.69	---
26	---	43.64	45.37	46.49	47.05	45.39	45.55	45.61	46.38	46.57	46.90	---
27	---	43.69	45.30	46.52	47.38	45.50	45.35	45.47	46.22	46.62	47.05	---
28	42.90	43.71	45.21	46.48	47.17	45.26	45.53	45.65	46.27	46.42	46.79	---
29	43.28	43.48	45.48	46.76	46.99	45.51	45.45	45.45	46.33	46.60	46.69	---
30	43.62	43.60	45.53	46.89	---	45.55	45.51	45.57	46.30	46.72	---	---
31	43.69	---	45.78	46.84	---	45.53	---	45.65	---	46.66	---	---
MEAN	---	43.46	44.65	---	46.86	45.86	45.61	45.45	45.89	46.56	---	---
MAX	---	43.72	45.78	---	47.38	47.29	45.94	45.65	46.54	46.86	---	---
MIN	---	43.14	43.60	---	46.54	45.26	45.30	45.21	45.41	46.31	---	---

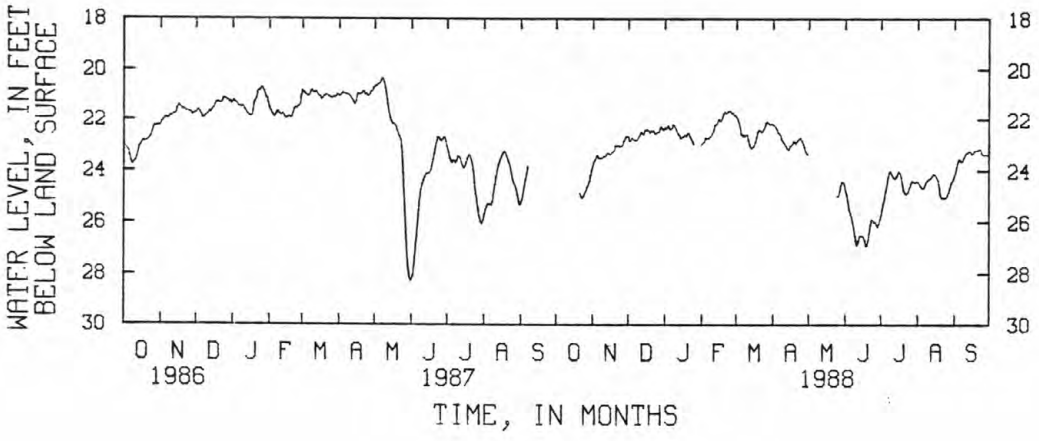


YORK COUNTY

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 1987 TO SEPTEMBER 1988
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	23.80	22.66	22.34	22.95	21.88	22.19	---	24.75	25.72	24.43	24.21
2	---	23.67	22.83	22.35	22.89	21.95	22.24	---	24.97	25.49	24.51	24.06
3	---	23.58	22.80	22.30	22.87	22.10	22.30	---	25.23	25.24	24.59	23.89
4	---	23.46	22.73	22.24	22.72	22.28	22.38	---	25.51	25.03	24.65	23.70
5	---	23.39	22.78	22.34	22.74	22.55	22.51	---	25.66	24.77	24.70	23.57
6	---	23.51	22.80	22.40	22.73	22.63	22.54	---	25.81	24.51	24.66	23.59
7	---	23.52	22.81	22.33	22.73	22.61	22.61	---	26.01	24.24	24.55	23.66
8	---	23.50	22.82	22.21	22.67	22.65	22.77	---	26.26	24.06	24.46	23.63
9	---	23.49	22.76	22.25	22.62	22.61	22.85	---	26.54	24.01	24.39	23.48
10	---	23.44	22.65	22.34	22.55	22.59	22.92	---	26.87	24.14	24.34	23.38
11	---	23.45	22.56	22.44	22.43	22.80	22.99	---	26.90	24.25	24.32	23.32
12	---	23.39	22.49	22.56	22.23	22.99	23.07	---	26.72	24.29	24.29	23.28
13	---	23.31	22.56	22.61	22.20	23.08	23.16	---	26.56	24.31	24.22	23.25
14	---	23.31	22.59	22.73	22.16	23.11	23.17	---	26.53	24.21	24.14	23.24
15	---	23.35	22.44	22.71	21.99	23.07	23.03	---	26.54	24.10	24.13	23.29
16	---	23.35	22.41	22.69	22.03	23.01	23.00	---	26.59	24.03	24.18	23.35
17	---	23.28	22.40	22.63	22.06	22.88	22.95	---	26.72	24.08	24.27	23.32
18	---	23.26	22.43	22.60	21.95	22.68	22.85	---	26.93	24.26	24.38	23.24
19	---	23.19	22.51	22.65	21.79	22.49	22.88	---	26.90	24.53	24.65	23.20
20	---	23.02	22.46	22.54	21.70	22.42	22.95	---	26.74	24.78	24.93	23.21
21	24.89	23.04	22.47	22.54	21.73	22.41	22.83	---	26.40	24.87	25.05	23.19
22	25.04	23.03	22.43	22.67	21.74	22.49	22.78	---	26.11	24.89	25.06	23.16
23	25.08	23.01	22.53	22.75	21.67	22.47	22.74	---	25.92	24.89	25.06	23.15
24	25.02	23.05	22.56	22.84	21.65	22.39	22.71	24.96	25.93	24.80	25.07	23.30
25	24.88	23.04	22.52	22.94	21.66	22.28	22.82	25.00	26.01	24.66	25.05	23.37
26	24.79	23.00	22.50	---	21.74	22.13	22.95	24.99	25.99	24.51	24.96	23.38
27	24.63	22.85	22.50	---	21.71	22.08	23.08	24.82	26.10	24.40	24.85	23.38
28	24.57	22.75	22.33	---	21.81	22.13	23.24	24.59	26.19	24.41	24.69	23.38
29	24.42	22.67	22.26	---	21.81	22.18	23.32	24.45	26.07	24.46	24.51	23.38
30	24.19	22.66	22.38	---	---	22.18	23.35	24.43	25.89	24.45	24.43	23.39
31	23.98	---	22.41	23.02	---	22.17	---	24.53	---	24.41	24.33	---
MEAN	---	23.25	22.56	---	22.19	22.49	22.84	---	26.18	24.54	24.58	23.43
MAX	---	23.80	22.83	---	22.95	23.11	23.35	---	26.93	25.72	25.07	24.21
MIN	---	22.66	22.26	---	21.65	21.88	22.19	---	24.75	24.01	24.13	23.15



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