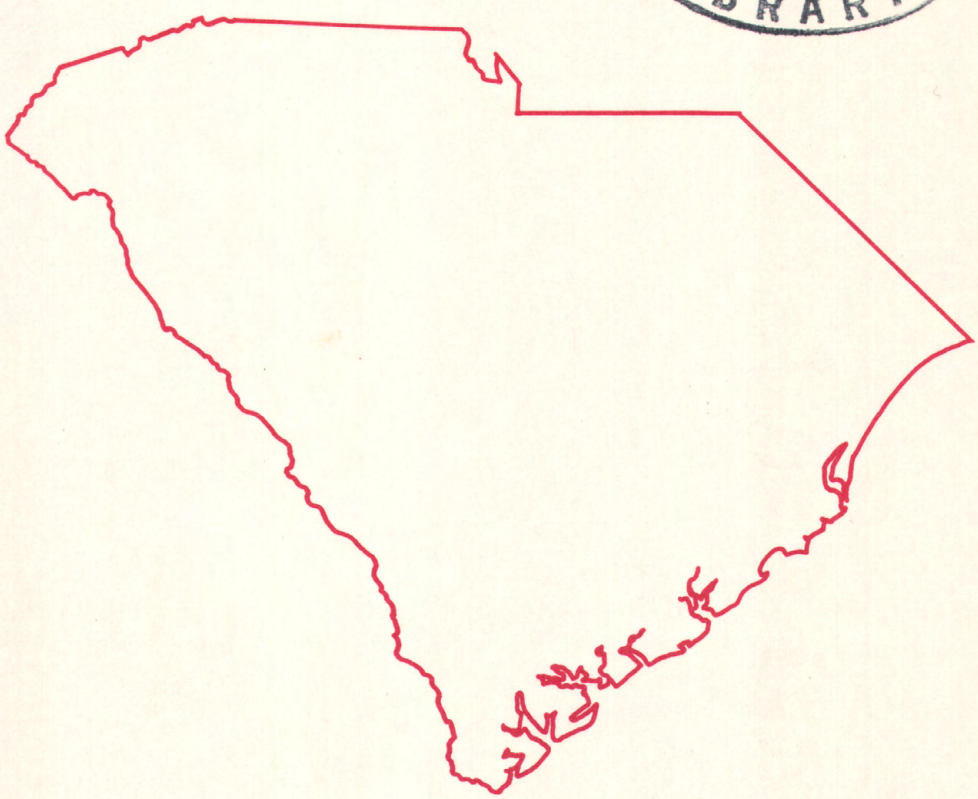
Water Resources Data South Carolina Water Year 1987



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-87-1
Prepared in cooperation with the State of South Carolina
and with other local and Federal agencies

October 1, 1978

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

The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI).

Multiply inch-pound units	By	To obtain SI units
	Length	
inches (in)	2.54×10^{1}	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^{0}	kilometers (km)
	Area	
acres	4.047×10^{3}	square meters (m^2)
	4.047×10^{-1}	square hectometers (hm^2)
	4.047×10^{-3}	square kilometers (km^2)
square miles (mi^2)	2.590×10^{0}	square kilometers (km^2)
	Volume	
gallons (gal)	3.785×10^{0}	liters (L)
	3.785×10^{0}	cubic decimeters (dm^3)
	3.785×10^{-3}	cubic meters (m^3)
million gallons	3.785×10^{3}	cubic meters (m^3)
	3.785×10^{-3}	cubic hectometers (hm^3)
cubic feet (ft^3)	2.832×10^{1}	cubic decimeters (dm^3)
	2.832×10^{-2}	cubic meters (m^3)
cfs-days	2.447×10^{3}	cubic meters (m^3)
	2.447×10^{-3}	cubic hectometers (hm^3)
acre-feet (acre-ft)	1.233×10^{3}	cubic meters (m^3)
	1.233×10^{-3}	cubic hectometers (hm^3)
	1.233×10^{-6}	cubic kilometers (km^3)
	Flow	
cubic feet per second (ft^3/s)	2.832×10^{1}	liters per second (L/s)
	2.832×10^{1}	cubic decimeters per second (dm^3/s)
	2.832×10^{-2}	cubic meters per second (m^3/s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm^3/s)
	6.309×10^{-5}	cubic meters per second (m^3/s)
million gallons per day	4.381×10^{1}	cubic decimeters per second (dm^3/s)
	4.381×10^{-2}	cubic meters per second (m^3/s)
	Mass	
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

United States Department of the Interior

GEOLOGICAL SURVEY

Water Resources Division
1835 Assembly Street, Suite 677A
Columbia, South Carolina 29201-2492

Enclosed is a U.S. Geological Survey Publication that addresses water resources in South Carolina.

If you wish to receive future publications, please provide the following information:

Name: _____

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Water Resources Division
1835 Assembly Street, Suite 677A
Columbia, South Carolina 29201-2492

If additional copies are needed, please indicate by putting name and address on back of this sheet.

We appreciate your interest in the water resources of South Carolina. If additional information is needed, please let me know.

Sincerely,

Rodney N. Cherry

Rodney N. Cherry
District Chief

Enclosure

RNC/vwf

Water Resources Data South Carolina Water Year 1987

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

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-87-1
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

1988

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

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

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

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15. Supplementary Notes

Prepared in cooperation with the State of South Carolina and with other agencies.

16. Abstract (Limit: 200 words)

Water resources data for the 1987 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels of ground-water wells. This volume contains records for water discharge at gaging stations, stage only at 19 gaging stations, stage and contents at 12 lakes and reservoirs, water quality at 52 gaging stations, and water levels at 40 observation wells. Also included are data for 41 crest-stage partial-record stations and discharge measurement information at 5 locations. Locations of these sites are shown on figures 3, 4, 5, and 6. Additional water data were collected at various sites not involved in the systematic data-collection program. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

17. Document Analysis a. Descriptors

*South Carolina, *Hydrologic Data, *Surface water, *Ground water, *Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses.

b. Identifiers/Open-Ended Terms

c. COSATI Field/Group

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(See ANSI-Z39.18) See Instructions on Reverse

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CONTENTS

ILLUSTRATIONS

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

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

GROUND-WATER WELLS, BY COUNTY

INTRODUCTION

Water resources data for the 1987 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 100 gaging stations; stage-only records for 19 gaging stations; stage and contents for 12 lakes and reservoirs; water quality for 52 gaging stations; and water levels for 40 observation wells. Also included are data for 41 crest-stage partial-record stations and discharge measurements at 5 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-87-1." For archiving and general distribution, the reports for water years 1971-74 are also identified as water-data reports. These water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on the back of the title page or by telephone 803/765-5966.

COOPERATION

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

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

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

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

The following organizations aided in collecting records:

Bowater-Carolina Corporation
Broad River Electric Coop
Caro-Knit, Inc.
Carolina Power and Light Company
Cooper River Water Users Association
Duke Power Company
Grand Strand Water and Sewer
Milliken Corporation
Platt-Saco-Lowell Corporation
South Carolina Electric and Gas Company
Union Camp
Waccamaw Regional Planning and Development Council

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Streamflow during the 1987 water year was above normal over most of the State. Drought conditions which persisted during 1986 were eased near the end of October, November, and December with above normal precipitation. Nearly normal streamflow was recorded from April through August. Streamflow was much above normal for the western part of the State in September.

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	7.6	10
02162010 Cedar Creek near Blythewood	48.9	0.08	0.5
Upper Coastal Plain			
02130900 Black Creek near McBee	108	22	22
02173000 South Fork Edisto River near Denmark	720	201	211
Lower Coastal Plain			
02132000 Lynches River at Effingham	1030	157	132
02176500 Coosawhatchie River near Hampton	203	0.09	0.03

Figure 1 on page 3 shows a comparison of monthly and yearly mean discharges during the 1987 water year with the median of monthly and yearly mean discharges for the periods listed for two index stations in these areas.

Drought conditions which were prevalent in the 1986 water year continued into the first part of the 1987 water year with most minimum daily flows recorded during the beginning of October. These minimums flows can be compared to the computed 7-day 10-year in figure 1.

Heavy rains during late February, and March caused the worst flooding in nearly ten years along sections of the Santee, Pee Dee, and Lynches Rivers. Most of the peak discharges during the 1987 water year ocurred during March. In September heavy rainfall caused considerable flooding along the coastal sections of the State. Flash flooding caused destruction in the Irmo and St. Andrews area of Lexington County in September.

Streamflow for two long-term representative stations show spatially varying statistics. Lynches River near Effingham (02132000) recorded 121 percent of the mean monthly flow above median flow for the water year with only 4 months above the median. The mean monthly flow recorded in September at this station was 503 percent above median monthly flow. This can be seen in Figure 1.

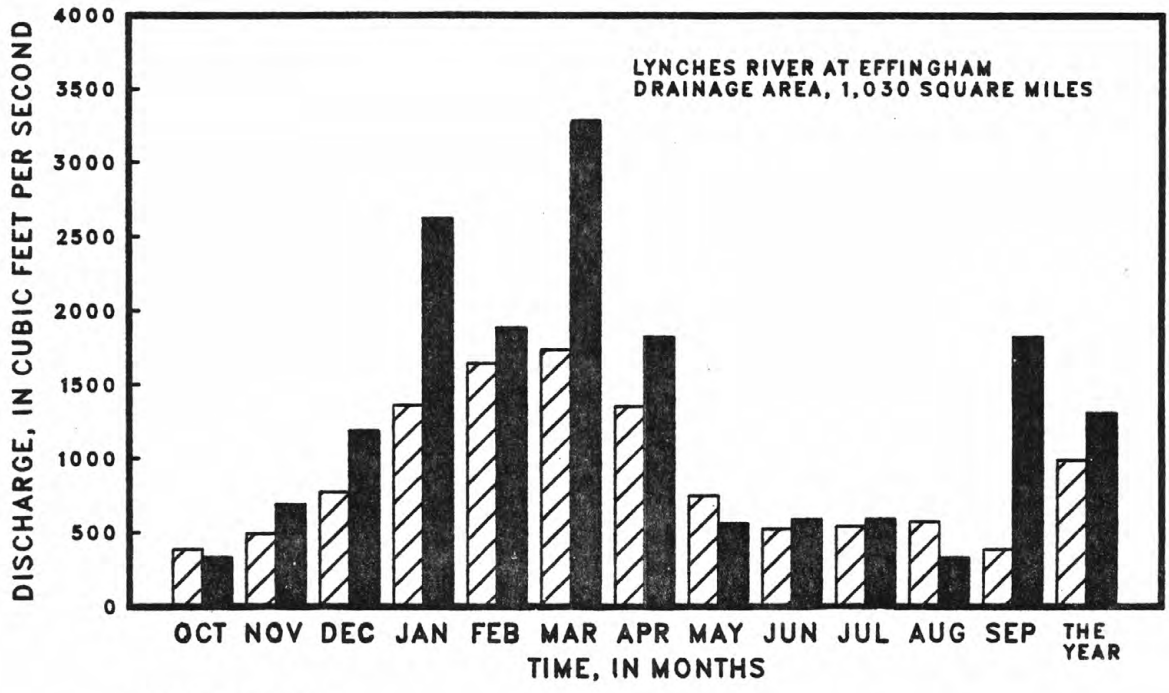
In constrast, mean monthly streamflow at North Fork Edisto River near Orangeburg (02173500) recorded 87 percent of median flow with only 2 months above the median.

Ground Water

Ground-water levels in the State recovered from the drought of 1986. Like streamflow, ground-water levels, 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, rose from 33.33 feet below land surface on October 1, 1986 to 31.39 feet below land surface on September 30, 1987.

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. However, during periods of above normal rainfall, ground water levels in the Coastal Plain can recover. The water level in well COL-97, a 500-foot observation well, rose from 42.57 feet below land surface to 42.10 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.



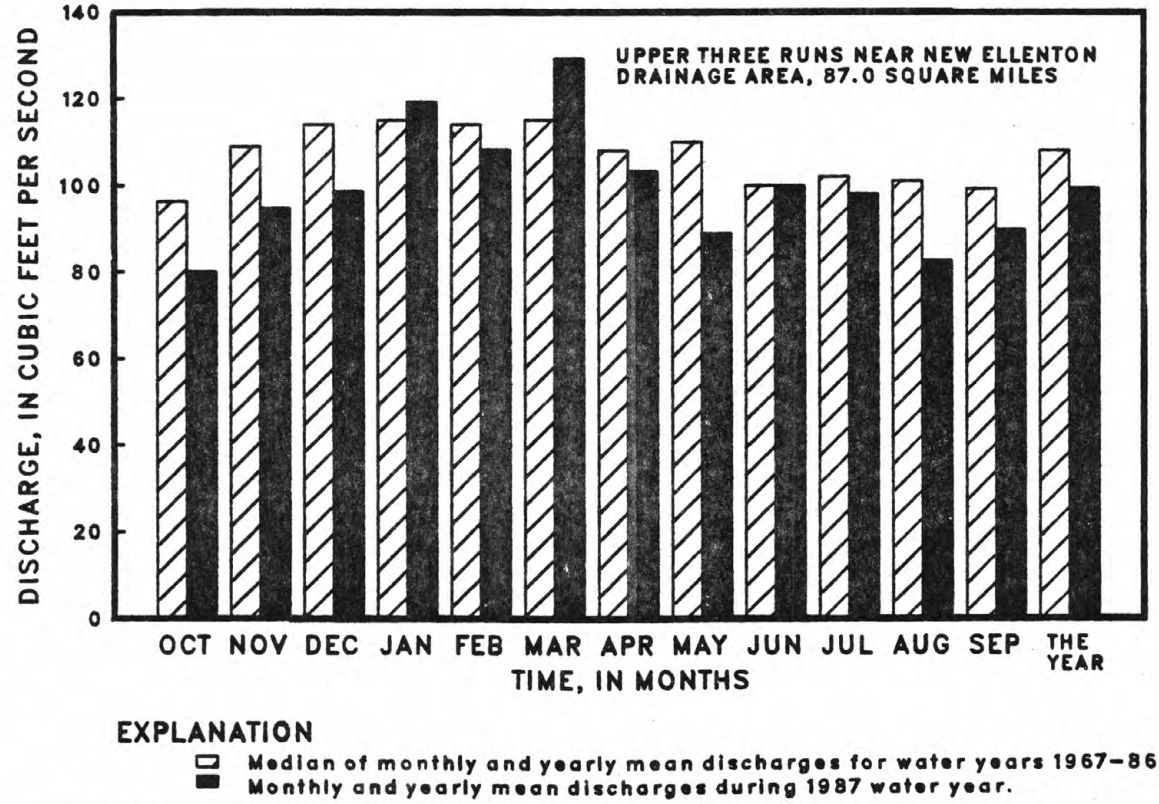


Figure 1.- Comparison of discharge at two long-term representative gaging stations during 1987 water year with median discharges.

Water Quality

Water-quality data were collected at 52 surface-water sites during this water year. Comparison of this data with previous years showed little change in the chemical quality occurred this year. Temperatures were above normal during the latter part of the water year causing low dissolved oxygen content in many streams.

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, 1987, is called the "1987 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.

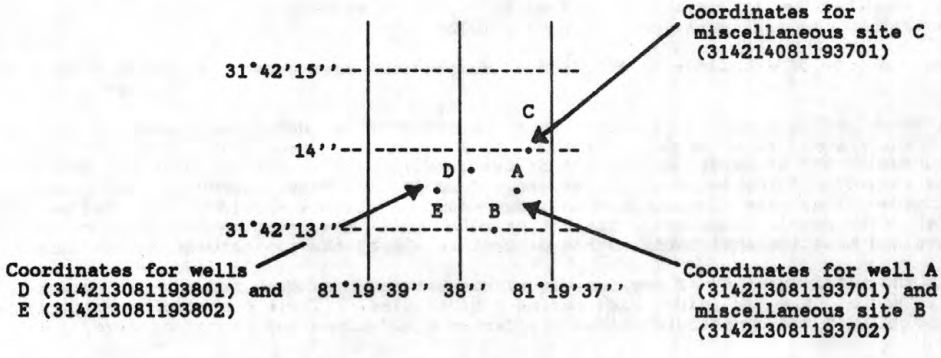


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude)

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.

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. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 Pages.

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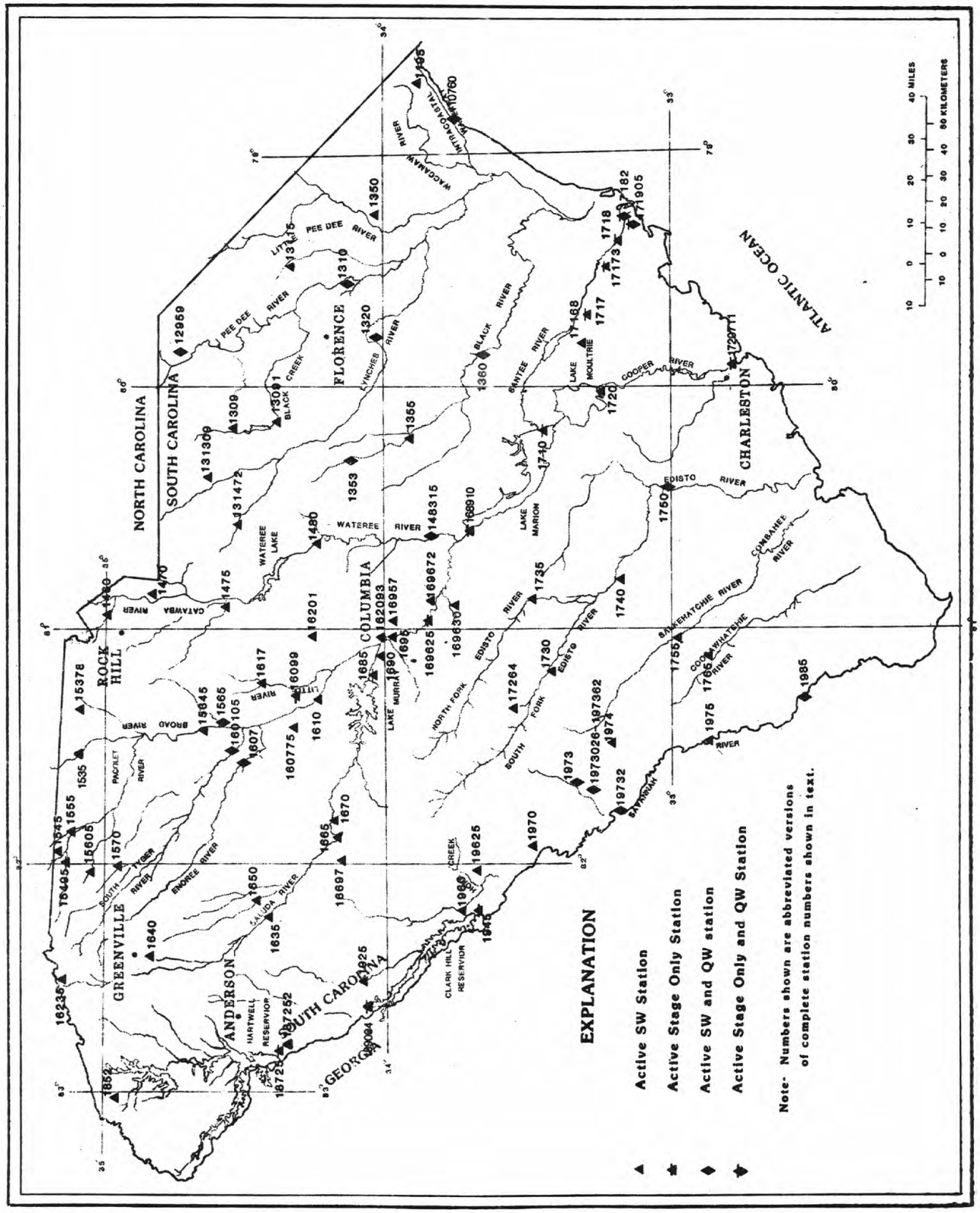

Figure 3.--Location of streamflow gaging stations, and reservoir or lake gaging stations.

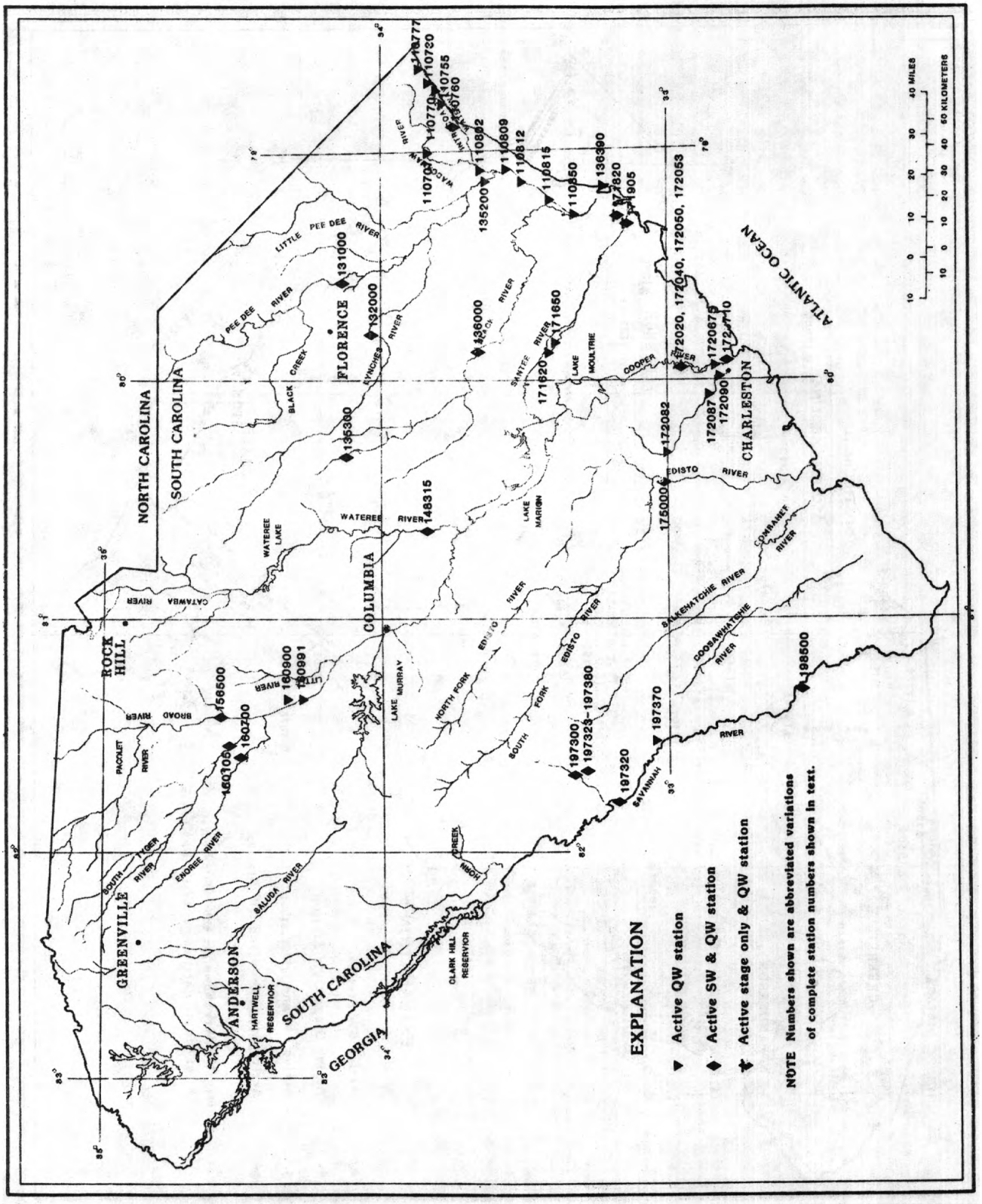

Figure 4.--Location of water-quality stations.

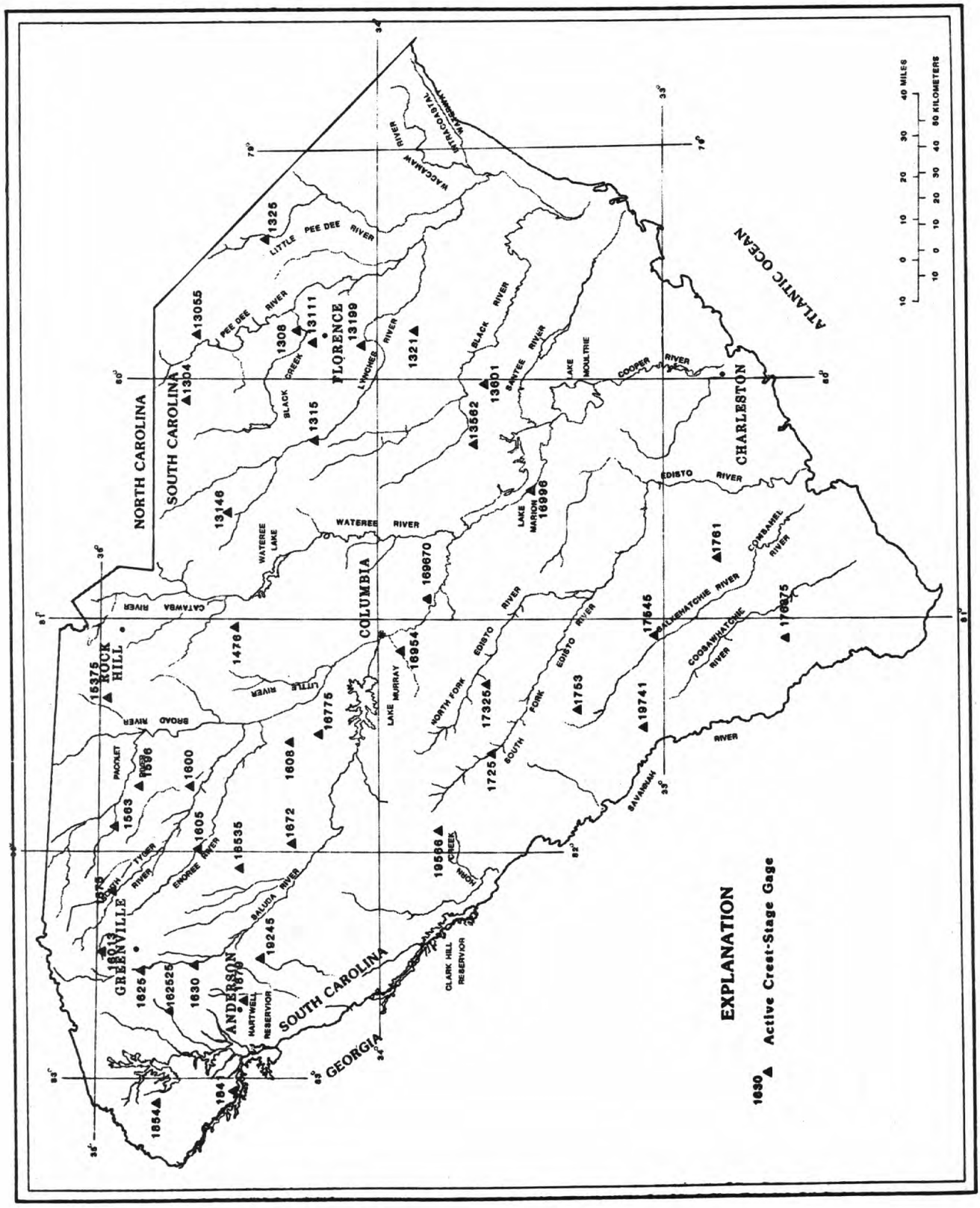

Figure 5.--Location of crest-stage stations.

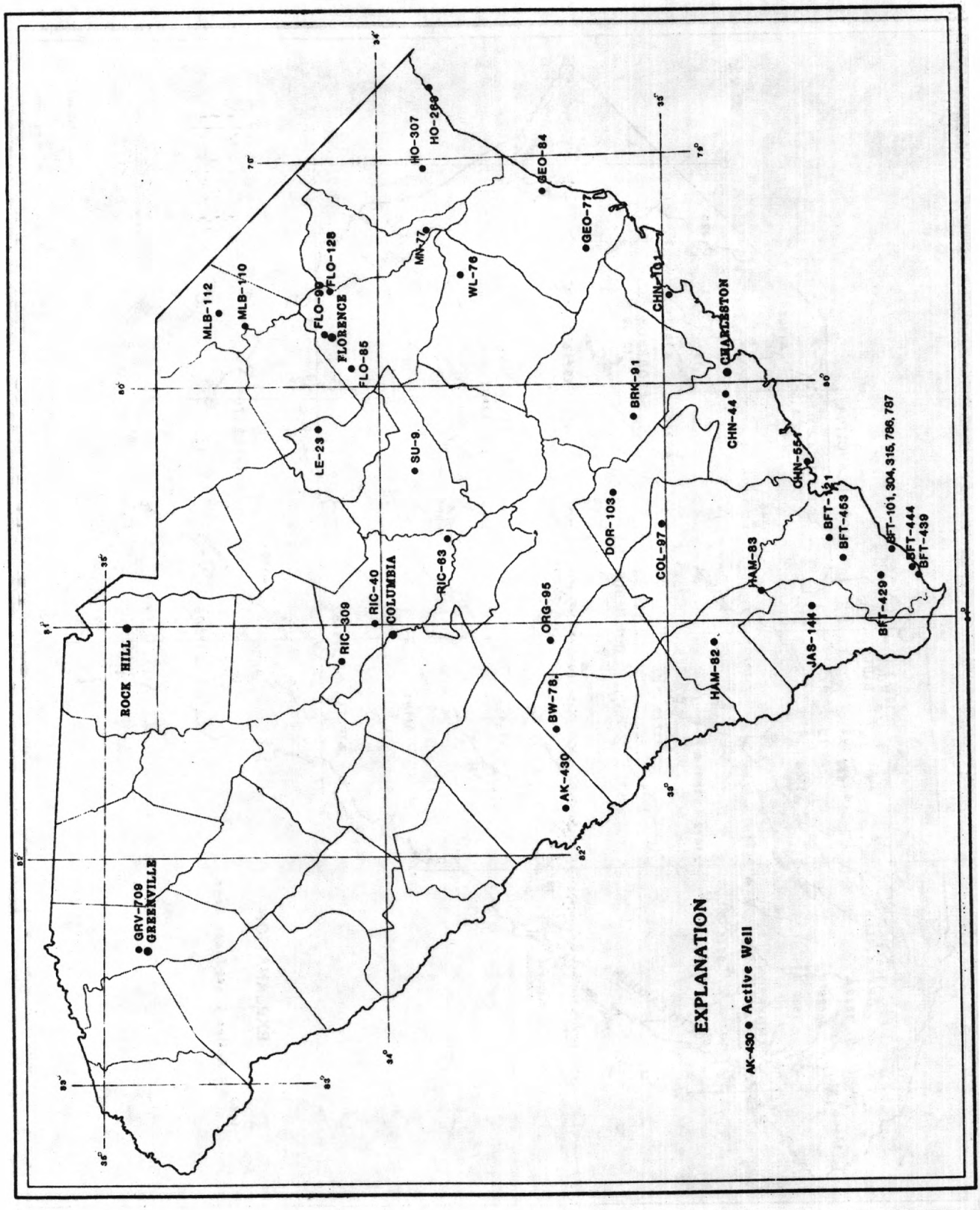

Figure 6.--Location of ground-water wells.

SURFACE WATER RECORDS

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, SC

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

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

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

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

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

AVERAGE DISCHARGE.--37 years, 1,216 ft^3/s, 14.88 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, 7,550 ft^3/s, Mar. 9, gage height, 12.75 ft; minimum, 40 ft^3/s, Aug. 6, gage height, 0.94 ft.

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	196	223	1020	3340	6380	4070	1540	1400	87	269	49	578
2	186	276	1060	4110	6170	4870	1460	1340	83	250	47	645
3	175	349	1120	4180	5890	5220	1400	1270	78	241	46	699
4	165	413	1180	4140	5570	5670	1350	1210	87	283	44	752
5	154	466	1220	4100	5230	6370	1310	1150	81	232	42	953
6	142	507	1260	4100	4860	6990	1270	1070	71	209	42	1340
7	130	541	1290	4140	4760	7270	1230	967	68	199	51	1670
8	145	567	1310	4140	4590	7410	1200	873	71	189	170	2170
9	149	581	1310	4080	4280	7520	1160	775	73	175	141	2500
10	186	576	1300	4030	3960	7410	1120	674	71	161	115	2720
11	231	564	1350	3970	3650	7100	1070	584	68	143	142	2920
12	242	541	1470	3840	3350	6690	1010	514	64	136	206	3100
13	248	519	1690	3670	3080	6250	957	443	60	229	266	3410
14	263	487	1780	3470	2840	5790	904	382	60	170	299	3670
15	305	496	1870	3260	2620	5340	1010	335	57	121	308	3780
16	329	580	1940	3100	2510	4890	1470	295	54	112	296	3730
17	337	629	1990	3040	2590	4460	1590	262	54	95	279	3580
18	335	708	2040	3150	2480	4030	1740	236	59	91	267	3350
19	322	786	2100	3400	2340	3800	1800	214	76	112	256	3090
20	303	863	2120	3360	2220	3620	1840	208	122	134	249	2850
21	281	965	2120	3280	2150	3290	1850	188	158	140	224	2640
22	257	1050	2070	3810	2140	2940	1850	172	181	128	197	2440
23	232	1110	2020	4510	2200	2630	1830	158	210	108	172	2270
24	209	1150	2380	4740	2210	2380	1800	147	249	91	194	2120
25	190	1160	2700	5000	2200	2190	1770	141	294	80	213	1990
26	181	1160	2760	5700	2160	2040	1700	136	287	73	190	1850
27	180	1140	2790	6210	2330	1920	1640	129	289	69	203	1720
28	185	1110	2790	6500	3130	1800	1580	120	296	70	230	1630
29	193	1080	2800	6600	---	1690	1520	112	297	64	258	1540
30	203	1040	2840	6610	---	1630	1450	101	288	57	290	1450
31	210	---	2880	6550	---	1590	---	92	---	52	371	---
TOTAL	6864	21637	58570	134130	97890	138870	43421	15698	3993	4483	5857	67157
MEAN	221	721	1889	4327	3496	4480	1447	506	133	145	189	2239
MAX	337	1160	2880	6610	6380	7520	1850	1400	297	283	371	3780
MIN	130	223	1020	3040	2140	1590	904	92	54	52	42	578

CAL YR 1986 TOTAL 142080 MEAN 960 MAX 2880 MIN 130
WTR YR 1987 TOTAL 598570 MEAN 1640 MAX 7520 MIN 42

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, 160 microsiemens, May 22-27 1986: minimum, 40 microsiemens, Mar. 10-20, 1987.
pH: Maximum, 7.2 units, Oct. 12, 1986, June 10, July 3, 1987; minimum, 5.4 units, Apr. 7, 8, 10, 1986.
WATER TEMPERATURE: Maximum, 34.0°C, July 11, 1987; minimum, 4.8°C, Jan. 29, 1987.
DISSOLVED OXYGEN: Maximum, 9.7 mg/L, Jan. 29, 1987; minimum, 1.8 mg/L, July 24, 25, 1986.

EXTERMES FOR CURRENTS YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 160 microsiemens, May 22-27; minimum recorded, 60 microsiemens, Aug. 28 to Sept. 3.
pH: Maximum recorded, 7.1 units, Aug. 7, 8; minimum recorded 5.4 units, Apr. 7, 8, 10.
WATER TEMPERATURE: Maximum recorded, 30.5°C, July 13; minimum recorded, 10.0°C, Mar. 8, 10.
DISSOLVED OXYGEN: Maximum recorded, 5.9 mg/L, May 7; minimum recorded, 1.8 mg/L, July 24, 25.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 140 microsiemens, several days in Jun.; minimum, 40 microsiemens, Mar. 10-20.
pH: Maximum, 7.2 units, Oct. 12, June 10, July 3; minimum, 5.5 units, Apr. 9.
WATER TEMPERATURE: Maximum, 34.0°C, July 11; minimum, 4.8°C, Jan 29.
DISSOLVED OXYGEN: Maximum, 9.7 mg/L, Jan. 29; minimum, 2.4 mg/L, Sept. 21-23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				---	---	---	90	80	89	130	110	120
2				---	---	---	100	80	91	130	120	122
3				---	---	---	90	80	90	130	110	122
4				---	---	---	100	80	88	130	110	121
5				---	---	---	100	80	89	130	110	124
6				---	---	---	100	90	92	130	120	128
7				120	100	115	100	90	92	140	120	130
8				120	90	105	100	80	91	140	120	130
9				100	100	100	100	90	91	130	120	124
10				120	100	108	100	80	93	130	110	122
11				120	90	106	100	90	94	140	120	124
12				120	90	110	100	90	95	140	120	131
13				120	100	113	100	90	98	140	120	132
14				120	100	113	100	90	97	140	120	133
15				120	110	114	100	90	99	140	130	136
16				120	100	117	110	90	100	150	130	141
17				130	110	120	100	90	98	150	140	142
18				120	100	111	100	90	99	150	140	143
19				110	100	108	110	100	101	150	130	139
20				110	100	107	110	100	103	150	130	141
21				110	100	105	110	100	104	150	140	148
22				110	100	104	110	100	107	160	140	149
23				110	100	105	110	100	106	160	140	148
24				100	90	99	110	100	106	160	140	148
25				110	90	98	110	100	109	160	140	150
26				100	90	96	120	100	109	160	140	149
27				100	90	93	120	100	110	160	150	151
28				100	90	94	120	110	112	150	140	149
29				100	90	94	120	110	115	150	140	148
30				100	80	91	120	110	118	150	140	148
31				90	80	89	---	---	---	150	140	149
MONTH				130	80	105	120	80	100	160	110	137

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	150	130	140	86	76	82	90	80	85	70	60	67
2	140	130	133	87	76	83	90	80	88	80	60	69
3	140	130	136	87	77	84	100	80	90	70	60	69
4	140	130	139	87	77	80	100	80	91	80	70	71
5	140	130	138	87	77	80	100	90	93	80	70	71
6	140	130	139	88	77	80	100	90	94	80	70	72
7	141	121	136	88	78	79	100	90	95	80	70	75
8	141	121	131	88	78	80	100	90	93	80	70	74
9	131	121	127	88	78	80	100	80	90	80	70	77
10	131	121	126	88	78	80	90	80	90	90	70	79
11	141	121	132	89	69	79	90	80	89	80	70	79
12	142	122	132	79	79	79	100	90	91	80	70	78
13	132	122	127	79	69	78	100	90	92	80	70	79
14	122	112	119	79	69	77	100	80	88	80	70	77
15	122	102	111	80	69	76	90	80	84	80	70	78
16	113	103	109	80	70	77	90	70	82	80	70	76
17	113	103	107	80	70	78	90	80	83	80	70	77
18	113	93	103	90	70	80	90	80	88	80	70	77
19	113	93	102	90	70	81	100	80	89	80	70	77
20	104	94	102	90	70	80	90	80	90	80	70	79
21	104	94	101	90	70	80	90	80	84	90	80	80
22	104	94	102	90	80	81	90	80	83	90	80	81
23	104	94	99	90	80	83	90	80	84	90	80	81
24	105	94	96	90	80	82	90	70	81	90	80	84
25	95	85	91	90	80	82	80	70	77	90	80	86
26	95	85	90	90	80	84	80	70	77	90	80	87
27	95	85	86	90	80	83	80	70	76	100	90	91
28	96	85	86	90	80	84	80	60	73	100	90	91
29	86	86	86	90	80	85	70	60	69	100	90	92
30	86	76	84	90	80	86	70	60	65	100	90	96
31	---	---	---	90	80	87	70	60	64	---	---	---
MONTH	150	76	114	90	69	81	100	60	84	100	60	79
YEAR	160	60	100									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.0	26.5	28.5	27.5	28.0	29.5	28.5	29.0	20.0	20.0	20.0
2	28.0	26.0	27.0	28.5	27.5	28.0	29.0	28.5	29.0	20.5	20.0	20.0
3	27.5	26.5	27.0	28.5	28.0	28.0	29.5	28.5	29.0	20.5	20.0	20.5
4	26.5	26.0	26.5	28.5	27.5	28.0	29.0	28.5	29.0	21.5	20.5	21.0
5	26.5	26.0	26.0	27.5	27.0	27.5	29.0	28.5	29.0	21.5	21.0	21.5
6	27.0	26.0	26.5	27.5	27.0	27.5	29.0	28.5	28.5	21.5	21.0	21.5
7	27.5	26.5	26.5	27.5	26.5	27.0	29.0	28.0	28.5	22.0	21.0	21.5
8	28.0	27.0	27.5	28.5	27.0	28.0	29.0	28.0	28.5	22.0	21.5	22.0
9	29.0	27.5	28.5	29.5	28.0	28.5	29.5	28.5	29.0	22.0	21.5	22.0
10	28.5	28.0	28.5	30.0	28.5	29.0	29.5	28.5	29.0	22.5	21.5	22.0
11	28.5	28.0	28.5	29.5	28.5	29.0	29.5	28.5	29.0	23.0	22.0	22.5
12	30.0	28.0	29.0	29.5	28.5	29.0	28.5	28.0	28.5	23.5	22.5	23.0
13	30.5	29.0	29.5	30.0	29.0	29.0	28.0	27.5	28.0	24.0	23.0	23.5
14	30.0	29.0	29.5	30.5	29.0	29.5	27.5	27.5	27.5	24.0	23.0	23.5
15	29.0	28.5	29.0	30.0	29.0	29.5	27.0	26.5	27.0	23.5	23.0	23.5
16	28.5	28.0	28.0	29.5	29.0	29.5	26.5	26.0	26.5	24.0	23.0	23.5
17	28.5	27.5	28.0	29.0	28.0	28.5	26.5	26.0	26.0	24.0	23.0	23.5
18	28.5	27.5	28.0	29.0	28.0	28.5	26.5	25.5	26.0	23.0	22.5	22.5
19	28.5	27.5	27.5	29.5	28.0	29.0	26.0	25.5	25.5	23.0	22.5	22.5
20	28.0	27.0	27.5	30.0	28.5	29.5	25.5	25.0	25.5	23.5	22.0	23.0
21	28.0	27.0	27.5	30.0	29.0	29.5	25.5	24.5	25.0	24.0	22.5	23.5
22	27.5	26.5	27.0	29.5	28.5	29.0	26.0	25.0	25.5	24.5	23.5	24.0
23	27.5	26.5	27.0	29.5	28.5	28.5	25.5	25.0	25.5	25.0	24.0	24.5
24	27.5	26.5	27.0	30.0	28.5	29.0	25.5	25.0	25.0	25.0	24.0	24.5
25	27.0	26.5	27.0	29.5	28.5	29.0	25.5	25.0	25.5	26.0	24.5	25.0
26	27.0	26.5	26.5	29.0	28.5	29.0	25.0	24.5	25.0	27.0	25.5	26.0
27	27.0	26.5	26.5	29.5	28.0	28.5	25.0	24.5	24.5	27.5	26.0	27.0
28	27.0	26.5	27.0	29.5	28.5	29.0	24.5	24.0	24.5	27.5	27.0	27.5
29	27.5	26.5	27.0	29.0	28.5	29.0	24.0	22.5	23.0	27.5	27.0	27.5
30	28.0	27.0	27.5	29.0	28.0	28.5	22.5	21.0	21.5	28.0	27.0	27.5
31	---	---	---	29.5	28.5	29.0	21.0	20.0	20.5	---	---	---
MONTH	30.5	26.0	27.5	30.5	26.5	28.5	29.5	20.0	26.5	28.0	20.0	23.5
YEAR	30.5	10.0	24.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	4.1	3.5	3.8
2							---	---	---	4.2	3.6	3.9
3							---	---	---	4.5	3.8	4.2
4							---	---	---	4.6	3.8	4.3
5							---	---	---	4.6	4.1	4.3
6							---	---	---	4.5	4.1	4.3
7							---	---	---	5.9	4.1	4.4
8							---	---	---	4.6	4.0	4.3
9							---	---	---	4.4	3.9	4.1
10							---	---	---	4.6	3.7	4.1
11							---	---	---	4.7	3.8	4.3
12							---	---	---	4.4	3.9	4.1
13							---	---	---	4.3	3.8	4.0
14							---	---	---	4.2	3.7	4.0
15							---	---	---	4.2	3.7	4.0
16							4.9	4.0	4.5	4.4	3.8	4.0
17							4.9	4.1	4.6	4.8	3.8	4.1
18							5.2	4.2	4.8	4.8	3.9	4.3
19							5.5	4.6	5.0	4.5	3.9	4.2
20							5.5	4.6	5.0	4.5	3.9	4.2
21							5.0	4.6	4.7	4.3	3.6	4.0
22							4.8	4.2	4.5	4.2	3.5	4.0
23							5.2	4.2	4.6	4.2	3.8	4.0
24							5.2	4.4	4.8	4.4	3.8	4.1
25							5.1	4.5	4.8	4.5	3.9	4.2
26							5.0	4.4	4.7	4.6	3.6	4.3
27							5.1	4.2	4.6	4.0	3.3	3.8
28							4.5	3.8	4.2	3.6	3.0	3.4
29							4.1	3.5	3.9	3.7	2.9	3.3
30							4.2	3.5	3.9	3.7	3.1	3.4
31							---	---	---	3.9	3.2	3.5
MONTH							5.5	3.5	4.6	5.9	2.9	4.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.9	2.7	3.4	3.7	3.0	3.4	2.6	2.1	2.4	4.6	4.2	4.4
2	3.7	2.7	3.2	3.6	3.1	3.4	3.3	2.1	2.7	4.5	4.2	4.4
3	3.8	2.8	3.3	3.7	3.0	3.4	3.8	2.5	3.2	4.6	4.2	4.4
4	4.3	3.3	3.7	4.1	3.2	3.7	3.8	2.9	3.4	4.5	4.0	4.3
5	4.0	3.1	3.6	4.0	3.4	3.7	3.5	2.8	3.2	4.2	3.9	4.1
6	3.8	3.1	3.5	3.9	3.3	3.5	3.4	2.5	3.1	4.1	3.8	4.0
7	3.9	3.0	3.5	3.7	3.0	3.4	3.2	2.4	2.9	4.2	3.8	4.0
8	4.0	2.9	3.5	3.6	3.1	3.3	2.8	2.3	2.6	4.0	3.7	3.8
9	4.1	3.2	3.7	3.5	2.9	3.2	3.3	2.5	2.9	3.8	3.5	3.7
10	4.2	3.2	3.7	3.6	2.9	3.3	3.7	2.8	3.2	3.9	3.5	3.8
11	4.2	3.3	3.8	4.0	3.0	3.4	3.6	2.9	3.3	3.8	3.4	3.7
12	4.1	3.2	3.7	4.0	3.2	3.6	3.5	2.7	3.1	3.7	3.0	3.4
13	4.3	3.5	3.9	4.1	3.2	3.6	3.3	2.7	3.0	4.4	3.1	3.7
14	4.5	3.6	4.0	3.7	2.9	3.3	3.5	2.8	3.2	4.2	3.7	4.0
15	4.1	3.3	3.8	3.5	2.8	3.1	3.4	2.7	3.2	4.2	3.4	3.9
16	3.7	2.9	3.5	3.4	2.7	3.1	3.8	3.0	3.5	4.0	3.6	3.8
17	3.6	2.7	3.2	3.4	2.5	3.0	3.9	3.2	3.6	4.2	3.8	3.9
18	3.6	2.8	3.3	3.0	2.5	2.8	3.8	2.9	3.5	4.2	3.8	4.0
19	3.7	3.1	3.3	3.1	2.3	2.8	3.9	3.1	3.5	4.0	3.5	3.8
20	3.6	2.9	3.2	3.2	2.5	2.8	3.9	3.3	3.6	4.1	3.4	3.8
21	3.9	3.2	3.6	2.8	2.2	2.5	3.8	3.4	3.6	4.4	3.6	4.0
22	4.0	3.3	3.7	2.5	2.0	2.3	3.8	3.3	3.5	4.4	3.8	4.2
23	3.8	3.4	3.5	2.4	1.9	2.1	4.0	3.5	3.8	4.5	3.9	4.2
24	3.8	3.2	3.5	2.6	1.8	2.0	4.0	3.8	3.9	4.3	3.5	4.0
25	4.0	3.3	3.7	2.3	1.8	2.0	3.7	3.5	3.6	4.3	3.6	3.9
26	3.9	3.3	3.7	2.9	1.9	2.3	3.7	3.4	3.6	4.4	3.9	4.1
27	3.9	3.4	3.7	3.7	2.1	2.7	3.7	3.2	3.5	4.7	4.0	4.3
28	4.0	3.1	3.6	3.0	2.3	2.6	4.0	3.1	3.5	4.8	4.2	4.5
29	4.2	3.0	3.6	3.1	2.2	2.6	4.2	3.7	3.9	4.8	4.2	4.5
30	3.9	3.0	3.4	3.4	2.3	2.7	4.5	4.0	4.2	4.6	4.0	4.3
31	---	---	---	3.0	2.2	2.6	4.5	4.2	4.4	---	---	---
MONTH	4.5	2.7	3.6	4.1	1.8	3.0	4.5	2.1	3.4	4.8	3.0	4.0
YEAR	5.9	1.8	3.7									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	90	79	85	70	60	64	70	60	60	70	60	68
2	92	74	82	60	50	58	70	60	61	80	70	70
3	80	66	76	60	50	55	70	60	61	70	70	70
4	103	77	86	60	50	55	70	60	61	80	60	70
5	80	70	72	60	50	53	70	60	62	80	70	70
6	85	70	74	60	50	53	70	60	61	70	60	69
7	87	70	78	60	50	55	70	60	62	80	70	70
8	79	54	68	60	50	52	70	60	64	80	70	74
9	62	48	56	60	50	52	70	60	63	80	70	71
10	61	46	55	50	40	48	70	60	63	80	60	73
11	60	44	52	50	40	48	70	60	64	80	70	74
12	60	50	58	50	40	47	70	60	64	80	70	75
13	60	50	58	50	40	49	70	60	67	80	70	78
14	60	50	58	50	40	48	70	60	67	80	70	78
15	60	50	57	50	40	49	70	60	64	90	70	81
16	60	50	58	50	40	49	80	60	71	90	80	82
17	60	50	58	50	40	48	60	50	58	90	80	83
18	60	60	60	50	40	48	60	50	58	90	80	86
19	70	60	63	50	40	48	60	50	56	90	80	87
20	70	60	61	60	40	50	60	50	58	100	80	89
21	70	60	61	60	50	52	60	50	57	100	80	92
22	70	60	61	60	50	51	60	50	60	100	90	96
23	70	60	63	60	50	53	60	50	59	110	90	98
24	70	60	62	60	50	53	60	50	56	110	90	100
25	70	60	63	60	50	57	60	50	58	110	90	100
26	70	60	60	60	50	58	60	50	58	110	90	99
27	70	60	60	60	50	58	60	50	57	110	90	100
28	70	60	66	60	50	57	60	50	56	110	90	101
29	---	---	---	60	50	57	70	50	62	110	100	103
30	---	---	---	60	50	58	70	60	67	110	100	106
31	---	---	---	60	50	59	---	---	---	110	100	105
MONTH	103	44	65	70	40	53	80	50	61	110	60	84

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	110	100	107	130	110	119	120	100	111	100	80	90
2	120	100	108	120	110	115	120	110	115	100	70	85
3	120	100	110	120	110	114	129	108	114	100	80	87
4	120	110	111	120	110	118	126	107	117	100	77	87
5	130	110	118	130	100	120	124	103	117	98	83	91
6	130	110	118	130	110	122	127	103	113	94	68	81
7	130	110	118	130	110	123	96	75	89	75	54	64
8	130	110	122	130	120	122	105	86	94	80	60	67
9	130	120	122	130	100	121	107	78	92	80	70	71
10	130	120	120	130	120	123	106	83	93	77	60	68
11	120	110	118	130	120	123	110	83	98	76	62	70
12	130	110	119	130	120	122	110	87	101	74	60	66
13	130	110	120	130	110	120	104	85	95	76	60	68
14	130	110	125	120	100	110	114	94	106	81	67	72
15	130	120	127	110	90	104	111	98	104	80	67	72
16	130	120	128	110	90	99	116	95	107	86	55	71
17	130	120	129	100	90	93	130	101	117	101	69	75
18	140	110	128	100	90	93	129	86	114	87	47	77
19	140	120	130	100	80	90	123	102	113	84	63	75
20	140	120	131	100	90	93	---	---	---	100	70	85
21	140	120	126	100	80	93	---	---	---	110	70	84
22	130	120	122	100	80	97	---	---	---	90	70	72
23	140	120	127	100	90	96	110	100	108	80	70	76
24	130	120	128	110	90	98	110	89	104	90	80	84
25	140	130	131	110	80	99	106	88	96	90	71	80
26	140	120	129	110	90	100	102	79	92	86	60	75
27	130	110	123	110	100	103	124	102	113	92	68	83
28	130	110	126	110	100	108	120	100	112	90	74	83
29	130	120	125	110	100	106	116	100	109	92	62	78
30	130	110	121	110	100	109	122	91	105	76	60	68
31	---	---	---	120	90	108	110	80	95	---	---	---
MONTH	140	100	122	130	80	108	130	75	105	110	47	77
YEAR	140	40	87									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.0	27.0	27.5	19.0	18.5	19.0	14.5	14.0	14.5	8.0	8.0	8.0
2	28.5	27.0	27.5	19.5	19.0	19.5	15.0	14.0	14.5	8.0	8.0	8.0
3	28.5	27.5	28.0	19.5	18.5	19.0	14.5	14.0	14.5	8.0	7.5	7.5
4	28.5	27.5	28.0	19.0	18.0	18.5	14.0	13.0	13.5	7.5	7.0	7.0
5	28.0	27.5	28.0	19.0	18.0	18.5	13.5	12.5	13.0	7.0	6.5	6.5
6	28.0	27.0	27.5	19.0	18.0	18.5	12.5	11.5	12.0	6.5	6.0	6.5
7	27.0	25.0	26.0	19.5	18.5	19.0	11.5	10.5	11.0	6.5	6.0	6.5
8	25.0	24.0	24.5	20.0	19.0	19.5	10.5	9.5	10.0	6.5	6.5	6.5
9	24.5	24.0	24.0	20.5	19.5	20.0	10.5	10.0	10.0	6.5	6.0	6.5
10	24.0	22.5	23.5	20.5	19.5	20.0	11.0	10.5	11.0	7.0	6.5	6.5
11	22.5	21.0	22.0	19.5	19.5	19.5	12.0	11.5	12.0	7.0	7.0	7.0
12	21.5	21.0	21.0	19.5	19.0	19.5	12.5	12.0	12.5	7.0	6.5	6.5
13	22.0	21.0	21.5	19.0	17.5	18.5	12.5	11.5	12.0	7.0	6.5	6.5
14	22.5	22.0	22.0	17.5	15.5	16.5	11.5	10.5	11.0	7.0	6.5	6.5
15	22.0	20.5	21.0	15.5	14.0	15.0	10.0	9.5	10.0	7.0	7.0	7.0
16	20.5	19.5	20.0	15.0	14.5	14.5	9.5	9.0	9.5	8.0	7.5	7.5
17	20.0	19.0	19.5	14.5	14.0	14.5	9.5	9.0	9.0	8.5	8.0	8.0
18	19.5	18.5	19.0	15.0	14.0	14.5	9.5	9.0	9.5	8.5	8.0	8.5
19	19.0	18.0	18.5	15.0	14.0	14.5	10.0	9.5	9.5	9.0	8.0	8.5
20	19.0	17.5	18.5	14.0	14.0	14.0	9.5	9.5	9.5	9.0	9.0	9.0
21	19.5	17.5	18.5	14.0	13.5	13.5	9.5	9.0	9.5	9.0	9.0	9.0
22	19.0	17.0	18.5	13.5	12.5	13.0	9.0	8.0	8.5	9.0	8.0	8.5
23	18.5	17.0	18.0	13.0	12.5	13.0	8.0	7.5	7.5	8.0	7.0	7.5
24	19.0	17.0	18.0	13.5	12.5	13.0	8.0	7.5	8.0	6.5	6.0	6.5
25	19.0	18.0	18.5	14.0	13.0	13.5	9.5	8.0	8.5	6.5	6.0	6.5
26	19.5	18.5	19.0	14.5	13.5	14.0	10.0	9.5	10.0	6.5	6.0	6.5
27	20.0	18.5	19.5	15.5	14.5	14.5	10.5	10.5	10.5	6.0	5.5	5.5
28	19.5	18.5	19.0	15.5	14.5	15.0	10.5	10.0	10.0	5.5	5.0	5.5
29	19.5	18.5	19.0	15.0	14.5	15.0	10.0	9.0	9.5	5.5	5.0	5.0
30	19.5	19.0	19.0	15.0	14.5	15.0	9.0	9.0	9.0	6.0	5.0	5.5
31	19.5	18.5	19.0	---	---	---	8.5	8.0	8.5	6.5	6.0	6.0
MONTH	28.5	17.0	21.5	20.5	12.5	16.5	15.0	7.5	10.5	9.0	5.0	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.5	6.0	6.0	11.0	8.0	9.5	17.0	16.0	16.5	19.0	18.0	18.5
2	6.5	6.0	6.5	11.5	10.5	11.0	16.0	15.0	15.5	20.0	18.5	19.5
3	7.5	6.5	7.0	12.0	11.0	11.5	15.0	14.5	15.0	20.5	19.5	20.0
4	8.0	7.5	7.5	12.0	11.5	11.5	14.5	13.5	14.0	21.0	20.0	20.5
5	8.0	8.0	8.0	11.5	11.0	11.0	13.5	13.0	13.0	20.5	20.0	20.5
6	8.5	8.0	8.0	11.0	10.5	11.0	13.5	12.5	13.0	20.5	19.5	20.0
7	8.5	8.5	8.5	11.5	10.5	11.0	14.0	13.0	13.5	20.0	19.5	20.0
8	9.0	8.0	8.5	12.5	11.5	12.0	14.5	13.5	14.0	20.0	19.5	20.0
9	8.5	8.0	8.0	12.5	12.0	12.5	15.5	14.0	14.5	20.5	19.5	20.0
10	7.5	7.0	7.5	12.5	11.5	12.5	16.0	14.5	15.0	20.5	19.5	20.0
11	7.5	7.0	7.0	11.5	10.5	11.0	16.0	15.5	15.5	21.0	19.5	20.0
12	8.0	7.0	7.5	10.5	10.0	10.5	17.0	16.0	16.5	21.0	20.5	20.5
13	8.5	7.5	8.0	10.5	9.5	10.0	18.0	16.5	17.5	22.0	20.5	21.0
14	8.5	8.0	8.0	10.5	10.0	10.0	18.5	17.5	18.0	22.5	21.5	22.0
15	8.5	8.0	8.0	11.0	10.0	10.5	18.0	18.0	18.0	22.5	22.0	22.0
16	8.5	7.0	8.0	11.5	10.5	11.0	18.0	17.5	18.0	23.5	22.5	23.0
17	7.5	7.0	7.0	11.5	11.0	11.0	17.5	17.0	17.5	24.0	22.5	23.5
18	7.0	6.5	6.5	11.0	11.0	11.0	17.0	17.0	17.0	24.5	23.5	24.0
19	7.0	6.5	6.5	11.0	10.5	11.0	17.0	16.5	17.0	25.0	24.0	24.5
20	7.0	6.5	6.5	11.5	10.5	11.0	17.5	16.5	17.0	25.5	24.5	25.0
21	7.0	6.5	7.0	12.0	10.5	11.5	18.0	17.5	17.5	25.0	24.5	25.0
22	6.5	6.5	6.5	12.5	11.5	12.0	19.0	18.0	18.5	25.5	24.5	25.0
23	7.5	6.5	7.0	13.0	12.0	12.5	19.5	19.0	19.0	26.0	25.0	25.5
24	7.5	7.0	7.0	13.5	12.5	13.0	19.5	19.0	19.5	27.0	25.5	26.0
25	7.5	7.0	7.5	13.5	13.0	13.5	19.5	19.0	19.0	27.5	26.0	27.0
26	7.5	7.5	7.5	14.5	13.5	14.0	18.5	18.0	18.5	28.5	27.0	27.5
27	7.5	7.0	7.5	15.5	14.5	15.0	18.5	17.5	18.0	28.5	27.5	28.0
28	8.0	7.0	7.5	17.0	15.5	16.0	18.0	17.5	18.0	28.5	27.0	27.5
29	---	---	---	17.5	16.5	17.0	18.0	17.0	17.5	28.5	27.5	28.0
30	---	---	---	18.0	17.0	17.5	18.0	17.0	17.5	28.5	27.5	28.0
31	---	---	---	18.0	17.0	17.5	---	---	---	29.0	27.5	28.0
MONTH	9.0	6.0	7.5	18.0	8.0	12.5	19.5	12.5	16.5	29.0	18.0	23.0

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	28.0	28.5	29.0	28.0	28.5	31.5	30.5	31.0	28.5	26.5	27.0
2	30.0	28.5	29.0	29.0	28.0	28.5	31.0	30.5	31.0	27.0	26.5	26.5
3	30.5	29.0	30.0	29.0	28.5	29.0	31.5	30.5	31.0	26.5	25.5	26.0
4	30.5	29.0	29.5	29.5	28.0	28.5	32.0	31.0	31.5	26.0	25.0	25.5
5	29.0	28.5	28.5	29.5	28.5	29.0	32.5	31.5	32.0	25.0	24.5	24.5
6	29.0	28.0	28.5	30.5	29.0	30.0	33.0	32.0	32.5	24.5	24.0	24.5
7	29.0	28.0	28.5	31.5	30.5	31.0	32.5	31.5	32.0	25.0	24.5	24.5
8	29.0	28.0	28.5	32.0	31.0	31.5	32.5	31.0	32.0	25.5	24.5	25.0
9	29.0	28.0	28.5	33.0	31.5	32.0	32.5	31.5	32.0	26.0	25.0	25.5
10	29.5	28.5	29.0	33.5	32.0	33.0	33.0	31.0	32.0	25.5	25.0	25.5
11	29.0	28.0	28.5	34.0	32.5	33.0	32.0	29.0	31.0	26.0	25.5	25.5
12	28.5	27.5	28.0	33.0	32.0	33.0	29.0	28.5	28.5	26.0	25.5	25.5
13	28.5	28.0	28.5	32.0	31.5	31.5	28.5	27.5	28.0	26.0	25.5	25.5
14	28.0	27.5	28.0	31.0	30.5	31.0	28.0	27.0	27.5	26.0	25.5	26.0
15	29.0	27.5	28.5	30.5	29.5	30.0	28.0	27.5	27.5	26.0	25.5	26.0
16	29.5	28.5	29.0	29.0	28.0	28.5	28.5	27.0	27.5	25.5	25.5	25.5
17	30.0	29.0	29.5	28.5	27.5	28.0	29.0	28.0	28.5	25.5	25.0	25.0
18	30.5	29.5	30.0	28.5	27.5	28.0	29.5	28.5	29.0	25.5	25.0	25.5
19	30.5	29.5	30.0	28.0	27.0	27.5	30.5	29.5	30.0	25.5	25.5	25.5
20	30.0	29.0	30.0	28.5	27.5	28.0	30.5	30.0	30.5	25.5	25.5	25.5
21	29.5	28.0	29.0	29.5	28.0	29.0	31.5	30.0	30.5	25.5	25.0	25.5
22	29.0	28.0	28.5	31.0	29.0	30.0	31.0	30.0	30.5	25.0	25.0	25.0
23	29.0	28.5	29.0	32.5	30.0	31.5	31.0	29.5	30.5	24.5	24.0	24.5
24	29.5	28.5	29.0	32.5	31.0	31.5	31.0	30.0	30.5	24.0	23.0	23.5
25	29.0	28.5	29.0	32.5	31.0	32.0	30.0	29.0	29.5	23.0	22.5	23.0
26	28.5	27.5	28.5	33.0	31.5	32.0	31.0	29.0	29.5	22.5	22.0	22.5
27	28.5	27.5	28.0	32.5	30.5	32.0	31.5	29.5	30.5	22.0	22.0	22.0
28	29.5	28.0	28.5	31.5	30.5	31.0	31.5	30.0	31.0	22.5	22.0	22.0
29	29.5	28.5	29.0	31.0	30.5	31.0	31.5	30.5	31.0	22.5	22.0	22.0
30	29.0	28.0	29.0	31.0	30.5	30.5	31.0	30.0	30.5	22.0	22.0	22.0
31	---	---	---	31.0	30.5	31.0	30.5	29.0	30.0	---	---	---
MONTH	30.5	27.5	29.0	34.0	27.0	30.5	33.0	27.0	30.5	28.5	22.0	24.5
YEAR	34.0	5.0	19.0									

02110707 WACCAMAW RIVER AT PITCH LANDING NEAR CONWAY, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.5	4.1	4.3	6.7	6.0	6.3	7.2	6.6	6.9	8.8	8.3	8.6
2	4.5	3.9	4.3	6.5	5.7	6.1	7.0	6.2	6.7	8.8	8.4	8.6
3	4.6	4.0	4.3	6.4	5.6	5.9	7.0	6.4	6.7	8.6	8.4	8.5
4	4.8	4.1	4.5	6.3	5.5	5.8	6.9	6.0	6.4	8.8	8.5	8.7
5	5.1	4.2	4.8	6.0	5.1	5.6	6.9	6.1	6.6	8.9	8.6	8.7
6	5.3	4.7	5.0	5.7	4.4	5.3	7.1	6.4	6.8	8.8	8.6	8.7
7	5.3	4.6	5.0	6.1	4.4	5.4	7.5	6.7	7.1	8.7	8.6	8.7
8	5.4	4.7	5.1	6.5	5.0	5.7	7.7	6.8	7.2	8.7	8.5	8.6
9	5.4	4.2	5.1	6.5	5.0	5.8	8.0	6.8	7.4	8.7	8.6	8.7
10	5.3	4.5	5.0	6.5	5.3	5.9	8.0	6.9	7.5	8.7	8.6	8.6
11	5.8	5.1	5.4	6.6	5.8	6.1	8.5	7.0	7.6	8.7	8.5	8.5
12	5.9	5.2	5.6	6.4	5.1	5.9	8.0	7.2	7.6	8.5	8.4	8.5
13	5.8	5.2	5.6	6.3	5.4	6.0	8.1	7.5	7.7	8.7	8.5	8.5
14	5.6	5.0	5.4	6.7	5.7	6.3	7.9	7.6	7.8	8.6	8.5	8.6
15	5.8	4.6	5.3	7.0	6.1	6.5	8.2	7.7	8.0	8.6	8.5	8.5
16	6.0	5.2	5.7	6.7	5.8	6.2	8.3	7.9	8.1	8.5	8.4	8.5
17	6.2	5.6	5.9	6.8	5.7	6.2	8.4	8.1	8.2	8.5	8.3	8.5
18	6.3	5.5	5.9	6.8	5.9	6.3	8.5	8.0	8.2	8.5	8.3	8.4
19	6.7	5.6	6.2	6.9	5.8	6.4	8.3	7.7	8.0	8.5	8.2	8.3
20	6.8	6.1	6.5	7.1	6.1	6.5	8.2	7.9	8.0	8.3	8.2	8.2
21	6.8	6.2	6.5	6.9	6.2	6.7	8.5	8.0	8.3	8.3	8.0	8.2
22	6.6	5.4	6.2	7.1	6.3	6.7	8.6	8.2	8.4	8.4	8.1	8.2
23	6.1	5.3	5.7	7.3	6.3	6.8	8.6	8.5	8.5	9.2	8.0	8.4
24	6.8	5.3	5.9	7.1	6.0	6.6	8.8	8.5	8.7	9.5	8.9	9.2
25	6.3	5.6	5.9	7.1	5.7	6.4	8.9	8.3	8.6	9.6	9.2	9.4
26	6.5	5.5	5.9	7.7	6.2	6.8	8.6	8.1	8.3	9.5	9.0	9.3
27	6.2	4.9	5.7	7.2	6.0	6.7	8.4	8.2	8.3	9.5	9.1	9.3
28	6.3	5.1	5.9	7.0	5.7	6.5	8.4	8.1	8.2	9.6	9.3	9.5
29	6.4	5.6	6.0	6.9	5.8	6.5	8.3	8.1	8.2	9.7	9.3	9.5
30	6.4	5.8	6.1	7.0	6.1	6.5	8.3	8.2	8.2	9.4	9.3	9.4
31	6.8	5.8	6.3	---	---	---	8.4	8.2	8.3	---	---	---
MONTH	6.8	3.9	5.5	7.7	4.4	6.2	8.9	6.0	7.8	9.7	8.0	8.7

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.2	3.4	4.0	4.5	3.9	4.2	3.9	3.0	3.4	---	---	---
2	4.3	3.6	4.0	4.6	3.7	4.2	4.3	3.0	3.6	---	---	---
3	4.3	3.3	3.8	4.7	3.8	4.2	3.8	3.2	3.5	---	---	---
4	4.4	3.3	3.9	4.8	3.7	4.2	3.9	3.1	3.5	---	---	---
5	4.2	3.6	3.9	4.9	3.8	4.3	4.4	3.2	3.7	---	---	---
6	4.5	3.5	3.9	4.9	3.9	4.3	4.3	3.2	3.7	---	---	---
7	4.5	3.6	4.0	4.5	3.8	4.1	3.8	3.1	3.6	---	---	---
8	4.2	3.5	3.9	4.4	3.6	4.1	4.2	3.0	3.7	---	---	---
9	4.3	3.4	3.9	4.4	3.6	4.0	4.1	3.3	3.8	---	---	---
10	8.9	3.5	4.4	4.4	3.3	3.9	3.7	3.1	3.5	4.1	3.3	3.8
11	4.5	3.3	3.9	4.5	3.2	3.9	3.9	3.1	3.4	3.3	2.9	3.0
12	4.5	3.2	3.9	4.5	3.3	4.0	3.4	2.9	3.2	2.9	2.7	2.8
13	4.6	3.5	4.2	3.7	3.0	3.4	3.5	2.6	3.0	2.9	2.7	2.8
14	4.9	3.8	4.4	3.4	2.7	3.0	3.4	2.8	3.1	2.8	2.6	2.7
15	4.8	3.9	4.3	3.4	2.8	3.1	3.6	2.8	3.2	2.7	2.6	2.7
16	4.7	3.7	4.2	3.6	2.9	3.3	3.7	2.9	3.3	2.9	2.7	2.8
17	4.5	3.6	4.1	3.7	2.9	3.3	3.5	2.8	3.2	3.0	2.8	2.9
18	4.3	3.6	4.0	4.1	3.1	3.6	3.4	2.7	3.1	2.9	2.6	2.7
19	4.3	3.6	4.0	4.2	3.2	3.7	3.5	2.9	3.2	2.7	2.6	2.6
20	4.2	3.6	3.8	4.0	3.3	3.6	3.4	2.9	3.1	2.7	2.5	2.6
21	4.7	3.4	4.0	3.9	3.2	3.6	3.3	2.9	3.1	2.6	2.4	2.5
22	4.5	3.7	4.1	4.1	3.2	3.7	3.5	3.0	3.2	2.5	2.4	2.5
23	4.5	3.6	4.1	4.0	3.1	3.6	3.6	2.8	3.2	2.6	2.4	2.5
24	4.3	3.6	4.0	3.9	3.2	3.6	3.5	3.0	3.3	2.6	2.5	2.6
25	4.2	3.6	3.9	4.2	3.1	3.7	3.7	3.2	3.5	2.7	2.5	2.6
26	4.1	3.5	3.8	4.3	3.4	3.9	3.7	3.3	3.6	2.9	2.6	2.7
27	4.3	3.3	3.9	4.3	3.5	3.9	3.7	3.3	3.6	3.0	2.8	2.9
28	5.0	3.8	4.3	3.8	3.2	3.5	3.5	3.0	3.3	3.1	2.9	3.0
29	4.6	3.8	4.3	3.5	2.9	3.2	---	---	---	3.2	2.6	2.9
30	4.4	3.8	4.1	3.5	2.9	3.3	---	---	---	3.1	2.6	2.9
31	---	---	---	3.6	2.9	3.3	---	---	---	---	---	---
MONTH	8.9	3.2	4.0	4.9	2.7	3.7	4.4	2.6	3.4	4.1	2.4	2.8
YEAR	9.7	2.4	5.6									

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 DAILY 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, 7.1 units, June 15, 1987; minimum, 5.2 units, July 14, 17-20, 1986.
WATER TEMPERATURE: Maximum, 31.5°C, July 20-21, 1986, Aug. 4-6, 1987; minimum, 5.0°C, Jan. 29, 1987.
DISSOLVED OXYGEN: Maximum, 9.4 mg/L, Feb. 27,28, 1987; minimum, 2.2 mg/L, Sept. 23, 24, 1986, Oct. 1, 2, Sept. 15, 16, 22, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 164 microsiemens, Aug 28; minimum recorded, 55 microsiemens, July 19, 21.
pH: Maximum recorded, 6.8 units, May 27; minimum recorded, 5.2 units, July 14, 17-20.
WATER TEMPERATURE: Maximum recorded, 31.5°C, July 20, 21; minimum recorded, 10.0°C, Mar. 2, 3, 5.
DISSOLVED OXYGEN: Maximum recorded, 8.7 mg/L, Mar. 9, 10; minimum recorded, 2.2 mg/L, Sept. 23, 24.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 174 microsiemens, Apr. 18, minimum, 47 microsiemens, Mar. 27.
pH: Maximum, 7.1 units, June 15; minimum, 5.6 units, Feb. 6.
WATER TEMPERATURE: Maximum, 31.5°C, Aug. 4-6; minimum, 5.0°C, Jan. 29.
DISSOLVED OXYGEN: Maximum, 9.4 mg/L, Feb. 27, 28, minimum, 2.2 mg/L, Oct. 1, 2, Sept. 15, 16, 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	110	100	106	100	90	91	---	---	---
2	---	---	---	110	100	105	100	90	91	---	---	---
3	---	---	---	110	100	103	100	90	92	---	---	---
4	---	---	---	110	100	105	100	90	93	---	---	---
5	---	---	---	110	100	103	100	90	93	---	---	---
6	---	---	---	110	100	103	100	90	92	---	---	---
7	---	---	---	110	100	105	100	80	91	---	---	---
8	---	---	---	110	100	106	100	90	93	---	---	---
9	---	---	---	110	100	104	100	90	93	---	---	---
10	---	---	---	110	100	104	100	90	93	---	---	---
11	---	---	---	110	100	104	100	90	92	---	---	---
12	---	---	---	110	100	104	100	90	92	---	---	---
13	---	---	---	110	100	103	100	90	92	---	---	---
14	---	---	---	110	100	104	100	90	92	---	---	---
15	---	---	---	110	100	104	100	90	92	110	110	110
16	---	---	---	110	100	105	100	90	94	120	100	110
17	---	---	---	110	100	108	100	90	93	120	100	110
18	---	---	---	110	100	106	100	90	93	120	100	109
19	---	---	---	110	100	105	100	90	92	110	100	109
20	---	---	---	110	100	104	100	90	100	110	100	108
21	---	---	---	110	100	101	---	---	---	110	100	108
22	---	---	---	100	90	98	---	---	---	110	100	108
23	---	---	---	100	90	99	---	---	---	110	100	109
24	---	---	---	100	90	99	---	---	---	110	100	108
25	---	---	---	100	90	98	---	---	---	110	110	110
26	---	---	---	100	90	96	---	---	---	120	110	111
27	110	100	101	100	90	95	---	---	---	120	110	114
28	110	100	107	100	90	97	---	---	---	120	110	112
29	---	---	---	100	90	94	---	---	---	120	110	111
30	---	---	---	100	90	93	---	---	---	120	100	110
31	---	---	---	100	90	92	---	---	---	110	100	108
MONTH	110	100	104	110	90	102	100	80	93	120	100	110

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	110	100	108	90	80	86	106	80	94	145	99	131
2	120	110	112	90	80	84	100	90	97	115	97	106
3	120	110	112	90	80	82	110	70	89	120	98	108
4	120	110	114	90	80	84	80	70	77	107	91	101
5	120	110	114	90	70	79	80	70	76	106	73	94
6	120	110	114	80	70	79	100	70	82	106	84	97
7	120	110	114	80	70	78	110	70	81	100	77	86
8	120	110	114	80	60	73	80	70	74	102	84	95
9	120	110	116	80	70	76	100	70	81	100	80	90
10	120	110	118	80	70	75	100	70	77	100	80	88
11	120	110	118	80	60	73	80	70	77	100	80	89
12	130	110	120	80	70	73	97	79	86	110	88	99
13	130	110	119	80	70	75	112	87	98	98	77	88
14	130	120	123	80	70	72	116	98	107	109	93	101
15	130	120	125	80	70	73	132	102	117	107	88	98
16	130	120	122	80	70	73	129	83	107	109	90	100
17	130	110	120	80	60	71	140	83	97	127	98	109
18	130	120	121	91	75	82	112	87	102	117	82	97
19	130	120	121	93	55	73	111	96	103	105	87	93
20	130	110	119	97	66	82	121	102	109	103	80	93
21	130	110	121	95	55	81	124	105	113	100	80	88
22	130	110	119	96	79	87	139	88	124	103	85	94
23	130	110	115	100	86	94	103	74	86	109	89	98
24	120	110	114	100	90	96	126	91	107	118	91	100
25	120	100	112	111	83	100	124	86	104	104	76	92
26	120	100	111	100	90	98	136	117	123	107	87	93
27	120	90	104	100	82	90	162	133	146	125	83	99
28	100	90	98	97	70	85	164	144	153	116	88	103
29	100	90	94	90	80	89	162	147	153	122	84	99
30	90	80	88	100	80	89	156	146	153	104	91	98
31	---	---	---	100	80	88	151	126	138	---	---	---
MONTH	130	80	114	111	55	82	164	70	104	145	73	98
YEAR	164	55	100									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.5	26.0	29.0	28.0	28.5	31.0	29.5	30.0	21.5	21.0	21.5
2	27.0	26.0	26.5	29.0	28.5	29.0	31.0	30.0	30.5	22.0	21.5	22.0
3	26.5	26.0	26.0	29.0	28.5	29.0	31.0	30.0	30.5	22.5	22.0	22.5
4	26.0	25.5	26.0	29.0	28.5	28.5	30.0	30.0	30.0	23.0	22.0	22.5
5	26.5	25.5	26.0	28.5	28.0	28.5	30.0	29.5	30.0	23.0	22.5	23.0
6	26.0	25.5	26.0	28.5	28.0	28.5	29.5	29.5	29.5	23.0	22.5	23.0
7	26.5	25.5	26.0	29.0	28.0	28.5	29.5	29.0	29.5	23.0	22.5	23.0
8	27.0	26.0	26.5	29.0	28.0	28.5	30.0	29.0	29.5	23.5	22.5	23.0
9	27.5	26.5	27.0	29.5	28.5	29.0	30.5	29.0	29.5	23.5	23.0	23.0
10	27.5	27.0	27.0	29.5	28.5	29.0	30.5	29.5	30.0	24.0	23.0	23.5
11	27.5	27.0	27.5	29.5	29.0	29.0	30.0	29.5	30.0	24.5	23.5	24.0
12	28.0	27.0	27.5	30.0	29.0	29.5	30.0	29.0	29.5	24.5	23.5	24.0
13	29.0	27.5	28.0	30.5	29.0	29.5	29.0	29.0	29.0	25.5	24.0	24.5
14	28.5	28.0	28.5	30.5	29.5	30.0	29.0	28.0	28.5	25.5	24.5	25.0
15	28.5	28.0	28.0	30.5	29.5	30.0	28.0	27.5	28.0	25.5	24.5	25.0
16	28.0	27.5	28.0	30.5	30.0	30.0	28.0	27.5	27.5	25.0	24.5	25.0
17	28.5	27.5	28.0	31.0	29.5	30.0	28.0	27.0	27.5	25.0	24.5	25.0
18	28.0	27.5	28.0	31.0	29.5	30.0	28.0	27.5	27.5	24.5	24.0	24.5
19	28.0	27.5	27.5	31.0	30.0	30.5	27.5	27.5	27.5	24.5	23.5	24.0
20	28.0	27.0	27.5	31.5	30.5	31.0	27.5	27.0	27.0	25.0	23.5	24.0
21	28.0	27.0	27.5	31.5	30.5	31.0	27.5	26.5	27.0	25.0	24.0	24.5
22	27.5	26.5	27.0	31.0	30.0	30.5	27.5	26.5	27.0	25.0	24.5	24.5
23	27.5	26.5	27.0	30.5	30.0	30.0	27.5	27.0	27.0	25.5	24.5	25.0
24	27.5	26.5	27.0	30.5	29.5	30.0	27.5	26.5	27.0	25.5	25.0	25.0
25	28.0	26.5	27.0	30.5	29.5	30.0	27.5	26.5	27.0	26.0	25.0	25.5
26	28.0	27.0	27.5	30.0	29.0	29.5	27.0	26.5	26.5	27.0	25.5	26.0
27	28.5	27.0	27.5	30.5	29.0	29.5	27.5	26.0	26.5	27.5	26.0	26.5
28	28.5	27.5	28.0	30.0	29.0	29.5	27.0	26.0	26.5	28.0	26.5	27.0
29	28.5	27.5	28.0	30.0	29.0	29.5	25.5	24.5	25.0	27.5	26.5	27.0
30	29.0	28.0	28.5	30.0	29.0	29.5	24.0	22.5	23.5	27.5	27.0	27.0
31	---	---	---	31.0	29.5	30.0	22.5	21.5	22.0	---	---	---
MONTH	29.0	25.5	27.0	31.5	28.0	29.5	31.0	21.5	28.0	28.0	21.0	24.5
YEAR	31.5	10.0	24.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3.9	3.3	3.6	3.2	3.0	3.1	3.1	2.6	2.8	4.5	4.4	4.5
2	3.6	3.3	3.5	3.7	2.9	3.2	3.4	2.5	2.9	4.3	3.9	4.1
3	4.0	3.2	3.5	3.5	3.2	3.3	4.0	2.7	3.3	4.0	3.6	3.8
4	4.1	3.3	3.6	3.9	3.0	3.3	3.7	3.3	3.5	3.7	3.4	3.6
5	4.3	3.7	3.9	3.8	3.2	3.5	3.7	3.1	3.4	3.6	3.2	3.4
6	4.1	3.8	4.0	3.9	3.3	3.6	3.4	2.9	3.2	3.3	3.1	3.2
7	4.1	3.6	3.8	3.8	3.4	3.6	3.5	2.9	3.2	3.3	2.9	3.1
8	4.1	3.5	3.8	3.5	3.1	3.3	3.6	2.7	3.2	3.0	2.7	2.9
9	4.1	3.6	3.8	3.3	3.0	3.1	3.5	2.8	3.1	2.9	2.6	2.8
10	4.0	3.6	3.8	3.2	2.8	3.0	3.5	2.3	2.9	3.1	2.4	2.8
11	3.9	3.5	3.6	3.2	2.9	3.0	3.0	2.4	2.8	3.0	2.5	2.8
12	3.7	3.4	3.5	3.6	2.9	3.2	2.9	2.3	2.6	3.1	2.4	2.8
13	3.8	3.3	3.5	3.9	3.2	3.6	2.8	2.4	2.6	3.1	2.3	2.8
14	3.8	3.3	3.5	3.8	3.2	3.5	3.4	2.7	3.1	3.4	2.7	3.1
15	3.9	3.3	3.5	3.6	3.1	3.3	3.7	2.7	3.2	3.3	2.9	3.1
16	3.8	3.5	3.6	3.3	2.9	3.1	3.5	2.9	3.2	3.0	2.8	2.9
17	4.1	3.2	3.7	3.7	2.9	3.2	3.9	2.9	3.4	3.4	2.7	3.1
18	4.4	3.4	3.8	3.6	3.1	3.3	3.5	3.0	3.3	3.5	2.9	3.1
19	4.3	3.6	3.9	3.8	2.9	3.2	3.5	3.0	3.3	3.1	2.6	2.9
20	4.5	3.6	3.9	4.0	2.8	3.4	4.0	3.2	3.6	3.3	2.6	2.9
21	4.9	4.0	4.3	4.1	3.1	3.4	3.8	2.9	3.2	3.3	2.4	2.9
22	5.0	4.2	4.6	3.6	2.9	3.1	3.2	2.9	3.1	3.0	2.3	2.7
23	4.8	4.2	4.5	3.3	2.8	3.0	3.2	2.7	3.0	2.8	2.2	2.5
24	4.5	4.0	4.2	3.5	2.9	3.1	3.2	2.6	2.9	3.0	2.2	2.7
25	4.4	3.8	4.0	3.4	2.6	3.0	2.9	2.6	2.8	3.0	2.3	2.7
26	4.4	3.7	4.0	3.5	2.9	3.2	2.9	2.6	2.8	3.1	2.3	2.6
27	4.0	3.2	3.5	3.8	2.9	3.4	3.2	2.4	2.8	3.1	2.4	2.8
28	3.6	3.1	3.3	3.9	3.3	3.6	3.4	2.5	2.9	3.3	2.5	2.9
29	3.8	3.2	3.4	3.7	2.9	3.4	3.7	3.3	3.5	2.9	2.3	2.6
30	3.6	3.1	3.4	3.5	2.7	3.1	4.6	3.5	4.0	2.7	2.3	2.5
31	---	---	---	3.3	2.6	2.9	4.8	4.2	4.5	---	---	---
MONTH	5.0	3.1	3.8	4.1	2.6	3.3	4.8	2.3	3.2	4.5	2.2	3.0
YEAR	8.7	2.2	4.3									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	111	83	101	110	100	104	110	100	101	120	80	101
2	117	86	97	110	100	103	110	100	103	120	110	113
3	113	88	100	110	100	106	110	100	106	120	110	114
4	108	89	99	110	100	105	110	70	93	120	110	112
5	105	90	97	110	100	103	100	90	95	120	110	115
6	100	80	86	110	80	103	100	90	94	120	110	116
7	90	80	86	110	100	104	100	90	97	120	110	114
8	90	80	86	110	100	106	100	90	98	120	90	107
9	90	60	77	110	100	107	100	90	98	120	90	104
10	80	60	69	110	100	108	100	90	97	110	90	100
11	70	60	68	110	100	110	100	90	98	120	90	99
12	80	70	73	120	110	111	100	90	96	110	90	98
13	80	60	78	110	100	110	100	90	94	110	80	88
14	90	60	84	120	110	110	100	80	90	80	70	78
15	100	90	93	110	110	110	100	90	91	80	70	75
16	100	90	96	110	100	109	100	90	91	80	70	74
17	110	90	96	110	100	109	100	89	93	80	70	74
18	100	80	90	110	100	107	108	94	98	80	70	75
19	100	90	93	110	100	106	94	81	91	80	70	79
20	100	90	93	110	100	106	99	87	90	80	70	79
21	100	80	93	110	100	106	96	83	88	90	70	78
22	100	90	96	110	100	106	92	79	84	80	70	74
23	100	90	96	110	100	102	88	75	83	80	70	72
24	100	90	95	110	100	101	85	72	80	80	70	70
25	100	90	98	110	100	101	81	77	79	80	70	73
26	100	90	98	110	100	103	85	74	78	80	70	71
27	110	100	100	110	100	101	83	70	77	80	60	70
28	110	90	100	110	100	102	79	69	76	70	60	70
29	100	100	100	110	100	101	84	72	78	70	60	68
30	110	100	101	110	100	100	90	71	81	70	60	68
31	110	100	101	---	---	---	90	80	88	70	60	67
MONTH	117	60	92	120	80	105	110	69	91	120	60	87
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	70	60	66	70	70	70	101	90	95	116	87	100
2	70	60	65	70	60	68	120	100	103	139	85	112
3	70	60	65	70	60	69	130	100	107	125	80	102
4	70	60	64	70	60	68	110	60	92	120	96	108
5	70	60	67	70	60	66	70	50	64	120	80	103
6	70	60	66	70	60	67	90	60	76	110	58	83
7	70	60	64	80	60	69	100	80	90	90	70	79
8	80	60	68	90	80	83	120	100	102	80	70	75
9	70	60	68	104	90	95	110	90	102	80	70	73
10	70	60	68	105	92	99	110	80	94	80	70	73
11	70	60	68	104	85	97	120	100	108	90	70	73
12	70	60	66	97	86	92	120	110	113	80	70	71
13	70	60	68	100	87	93	130	110	121	80	70	71
14	70	60	67	100	85	92	130	79	97	80	70	74
15	70	60	68	100	79	91	125	99	112	90	70	73
16	70	60	67	97	82	90	118	91	101	80	70	74
17	70	60	69	102	82	94	139	115	126	80	70	74
18	70	60	70	105	93	97	174	129	136	80	70	75
19	80	70	70	109	91	100	129	110	123	80	70	76
20	80	70	72	104	93	99	142	110	124	80	70	76
21	80	70	71	101	89	95	130	94	113	80	70	76
22	80	70	72	100	82	92	125	109	116	90	70	77
23	80	70	72	93	58	76	134	116	125	80	70	76
24	80	70	73	72	57	65	133	100	119	80	70	77
25	80	70	73	71	52	62	130	100	110	90	70	78
26	80	70	75	62	50	57	120	100	110	80	70	79
27	80	70	73	62	47	54	120	90	101	80	70	78
28	80	70	75	64	49	56	100	70	85	90	70	79
29	---	---	---	70	52	61	110	80	92	90	80	83
30	---	---	---	82	65	73	112	98	105	90	80	84
31	---	---	---	98	74	86	---	---	---	90	80	84
MONTH	80	60	69	109	47	80	174	50	105	139	58	81

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	80	81	---	---	---	---	---	---	---	---	---
2	90	80	83	---	---	---	130	110	116	---	---	---
3	90	80	84	110	100	107	120	110	111	---	---	---
4	90	80	84	---	---	---	130	110	115	---	---	---
5	90	80	86	110	100	108	120	110	118	120	110	111
6	100	80	86	120	110	120	120	110	113	120	90	97
7	120	80	101	120	110	118	---	---	---	100	90	91
8	120	80	90	120	110	115	---	---	---	120	90	99
9	130	90	117	120	100	110	---	---	---	---	---	---
10	100	80	88	---	---	---	---	---	---	100	80	96
11	---	---	---	---	---	---	---	---	---	90	70	82
12	---	---	---	---	---	---	---	---	---	100	70	82
13	---	---	---	---	---	---	---	---	---	90	80	80
14	90	90	90	---	---	---	---	---	---	90	80	88
15	---	---	---	---	---	---	---	---	---	90	80	87
16	100	80	90	---	---	---	---	---	---	100	80	88
17	110	90	92	---	---	---	---	---	---	90	80	88
18	100	80	92	---	---	---	---	---	---	100	80	85
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	90	80	83
22	---	---	---	---	---	---	---	---	---	90	80	82
23	---	---	---	---	---	---	---	---	---	100	80	84
24	---	---	---	---	---	---	---	---	---	120	80	86
25	110	90	97	---	---	---	---	---	---	120	80	88
26	---	---	---	---	---	---	---	---	---	110	80	84
27	---	---	---	---	---	---	---	---	---	90	80	83
28	---	---	---	---	---	---	---	---	---	90	80	85
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	130	80	91	120	100	113	130	110	115	120	70	88
YEAR	174	47	90									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	27.0	27.0	18.5	18.0	18.0	15.5	15.0	15.5	9.5	9.0	9.5
2	27.5	27.0	27.5	18.5	18.0	18.5	15.5	15.0	15.5	9.5	9.0	9.0
3	28.0	27.5	27.5	18.5	18.0	18.5	16.0	15.5	15.5	9.0	8.0	8.5
4	28.0	27.5	28.0	18.5	17.5	18.0	15.5	14.5	15.0	8.0	7.0	7.5
5	28.0	27.5	27.5	18.0	18.0	18.0	14.5	13.5	14.0	7.5	7.0	7.0
6	27.5	27.0	27.5	18.5	18.0	18.5	13.5	12.0	13.0	7.0	6.5	7.0
7	27.0	26.0	26.5	19.0	18.5	18.5	12.0	11.5	11.5	7.0	6.5	7.0
8	26.0	23.0	24.5	19.5	19.0	19.0	12.0	11.5	11.5	7.5	7.0	7.0
9	23.5	21.5	23.0	20.0	19.5	19.5	12.5	11.5	12.0	7.5	7.0	7.0
10	22.0	20.5	21.5	20.0	19.5	20.0	13.0	12.0	12.5	8.0	7.0	7.5
11	21.0	19.5	20.0	19.5	19.5	19.5	14.0	13.0	13.5	8.0	7.5	7.5
12	20.0	19.5	20.0	19.5	19.5	19.5	14.0	13.5	14.0	7.5	7.0	7.5
13	21.0	20.0	20.5	19.5	18.5	19.0	14.0	12.5	13.5	7.0	7.0	7.0
14	21.5	21.0	21.0	18.0	17.0	17.5	12.5	11.5	12.0	7.5	7.0	7.5
15	21.5	21.0	21.5	17.0	16.0	16.5	11.5	11.0	11.5	8.0	7.5	7.5
16	21.0	20.5	21.0	15.5	15.0	15.5	11.5	11.0	11.5	8.5	8.0	8.0
17	20.5	20.0	20.0	15.0	15.0	15.0	11.5	11.5	11.5	8.5	8.5	8.5
18	20.0	19.0	19.5	15.5	15.0	15.0	11.5	11.0	11.5	8.5	8.5	8.5
19	19.0	18.5	19.0	15.5	15.0	15.5	11.0	10.5	11.0	9.5	8.5	9.0
20	18.5	18.0	18.0	15.0	15.0	15.0	11.0	10.5	10.5	9.5	9.0	9.5
21	18.0	17.5	18.0	15.0	14.5	14.5	10.5	10.0	10.5	9.5	9.0	9.5
22	18.0	17.0	17.5	14.5	13.5	14.0	10.0	9.0	9.5	9.0	8.0	8.5
23	18.0	17.0	17.5	13.5	13.5	13.5	9.0	8.5	8.5	8.0	6.5	7.5
24	18.0	17.5	17.5	14.5	13.5	13.5	10.5	8.5	9.5	6.5	6.0	6.5
25	18.0	17.5	18.0	14.5	14.0	14.5	11.0	10.5	10.5	7.0	6.5	6.5
26	18.5	18.0	18.0	15.0	14.0	14.5	11.0	10.5	10.5	7.0	6.5	7.0
27	19.0	18.5	18.5	15.5	14.0	15.0	10.5	10.5	10.5	6.5	5.5	6.0
28	19.0	18.5	18.5	16.0	15.5	16.0	10.5	10.0	10.5	5.5	5.5	5.5
29	18.5	18.5	18.5	16.0	15.5	16.0	10.0	10.0	10.0	5.5	5.0	5.5
30	18.5	18.5	18.5	16.0	15.5	15.5	10.0	10.0	10.0	6.5	5.5	6.0
31	18.5	18.0	18.5	---	---	---	10.0	9.5	9.5	7.0	6.5	7.0
MONTH	28.0	17.0	21.5	20.0	13.5	16.5	16.0	8.5	12.0	9.5	5.0	7.5

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	27.0	27.0	28.5	28.0	28.5	30.5	30.0	30.0	28.5	28.0	28.5
2	28.5	26.0	27.5	28.0	28.0	28.0	30.5	30.0	30.0	28.0	27.5	28.0
3	29.0	27.5	28.5	---	---	---	31.0	30.0	30.5	27.5	27.0	27.5
4	28.5	27.5	28.0	29.0	28.5	29.0	31.5	30.0	31.0	27.0	26.0	26.5
5	28.5	27.5	28.0	30.0	28.0	29.0	31.5	30.5	31.0	26.0	25.0	25.5
6	28.5	27.0	27.5	30.5	28.0	29.5	31.5	30.5	31.0	25.0	24.5	24.5
7	28.5	27.0	28.0	30.5	29.5	30.0	31.0	30.5	30.5	25.5	24.5	25.0
8	28.5	27.5	27.5	31.0	29.5	30.5	31.0	30.0	30.5	26.0	25.0	25.5
9	28.5	27.0	27.5	31.0	30.0	30.5	31.0	30.0	30.5	26.0	25.5	26.0
10	---	---	---	31.0	30.0	30.5	31.0	30.0	30.5	26.0	25.5	26.0
11	27.5	27.0	27.5	31.0	30.0	30.5	30.5	29.5	30.0	26.0	25.5	25.5
12	28.0	27.0	27.5	31.0	30.0	30.5	29.5	29.0	29.5	26.0	25.5	25.5
13	27.5	27.0	27.5	30.5	29.5	30.0	29.0	28.0	29.0	26.5	25.5	26.0
14	27.5	27.0	27.0	30.0	29.0	29.5	28.0	27.5	28.0	26.0	25.5	26.0
15	27.5	26.0	27.0	30.0	29.0	29.5	27.5	27.0	27.5	26.5	25.5	26.0
16	28.0	25.0	27.0	29.5	29.0	29.0	28.0	27.0	27.5	26.0	25.5	26.0
17	28.5	26.5	27.5	29.5	28.5	29.0	28.5	27.5	28.0	26.0	25.5	25.5
18	28.5	28.0	28.5	29.5	28.5	29.0	29.5	27.5	28.5	26.0	25.5	26.0
19	29.0	28.5	29.0	29.0	28.0	28.5	29.0	28.0	28.5	26.0	25.5	26.0
20	28.5	28.0	28.5	29.5	28.0	28.5	30.0	28.5	29.0	26.0	25.5	26.0
21	---	---	---	29.5	28.0	28.5	29.5	29.0	29.5	26.0	25.5	26.0
22	29.0	27.5	28.5	30.0	28.5	29.0	30.0	29.0	29.5	25.5	25.0	25.5
23	29.5	28.5	28.5	30.0	29.0	29.5	30.0	29.0	29.5	25.0	24.5	24.5
24	29.0	27.5	28.5	30.0	29.5	29.5	29.5	29.0	29.5	24.5	23.5	24.0
25	28.0	27.0	28.0	30.0	29.5	30.0	29.0	28.5	28.5	23.5	23.0	23.0
26	28.0	27.0	27.5	30.5	29.5	30.0	29.0	28.0	28.5	23.5	22.5	23.0
27	28.5	27.5	28.0	31.0	30.0	30.0	30.0	28.5	29.0	23.0	22.5	22.5
28	28.5	27.5	28.0	30.5	30.0	30.0	29.5	29.0	29.5	23.0	22.5	22.5
29	29.0	26.5	28.0	30.5	30.0	30.0	30.0	29.0	29.5	23.0	22.5	23.0
30	29.0	28.0	28.5	30.5	29.5	30.0	30.0	29.0	29.5	23.0	22.5	23.0
31	---	---	---	31.0	29.5	30.0	29.5	28.5	29.0	---	---	---
MONTH	29.5	25.0	28.0	31.0	28.0	29.5	31.5	27.0	29.5	28.5	22.5	25.5
YEAR	31.5	5.0	19.0									

02110725 AIW AT HIGHWAY 544 AT SOCASTEE, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.7	2.2	2.5	5.9	5.3	5.6	6.4	6.0	6.2	8.9	7.7	8.4
2	2.9	2.2	2.6	5.9	5.1	5.5	6.4	6.1	6.3	8.5	8.0	8.3
3	3.1	2.3	2.7	5.8	4.9	5.3	6.4	5.9	6.2	8.2	7.8	8.0
4	3.3	2.3	2.9	5.6	4.8	5.1	5.9	5.5	5.7	8.3	7.8	8.0
5	3.5	2.5	3.1	5.0	4.5	4.8	5.8	5.5	5.6	8.5	8.1	8.3
6	3.7	2.6	3.2	4.8	4.2	4.5	6.3	5.7	6.1	8.5	8.1	8.3
7	3.8	2.9	3.4	4.7	4.0	4.3	6.5	6.2	6.4	8.3	8.0	8.2
8	5.5	3.3	4.6	4.4	3.9	4.2	6.7	6.4	6.6	8.4	7.9	8.1
9	5.0	4.2	4.5	4.5	4.0	4.3	6.9	6.6	6.7	8.3	7.9	8.1
10	4.8	3.9	4.4	4.6	4.1	4.3	6.9	6.7	6.8	8.4	8.0	8.3
11	4.6	3.8	4.3	4.5	4.3	4.4	7.1	6.8	7.0	8.4	8.2	8.3
12	4.6	3.6	4.0	4.6	4.1	4.4	7.0	6.3	6.8	8.5	8.2	8.4
13	3.9	3.5	3.8	4.8	4.1	4.5	7.3	6.7	7.0	8.6	8.2	8.4
14	3.8	3.3	3.6	5.1	4.6	4.9	7.8	7.3	7.5	8.5	8.1	8.3
15	3.9	2.9	3.5	5.7	5.1	5.4	8.0	7.6	7.8	8.4	8.0	8.3
16	4.3	3.5	3.9	6.0	5.6	5.8	7.9	7.6	7.8	8.3	8.0	8.1
17	4.6	4.1	4.3	5.9	5.6	5.8	7.8	7.3	7.6	8.3	7.9	8.1
18	4.8	4.1	4.5	5.8	5.4	5.7	7.6	7.4	7.5	8.3	7.8	8.0
19	5.3	4.6	5.0	5.9	5.5	5.7	7.7	7.4	7.5	8.2	7.6	7.9
20	5.6	5.1	5.4	6.3	5.7	6.0	7.6	7.3	7.5	7.8	7.4	7.6
21	5.6	5.4	5.5	6.2	5.9	6.0	7.7	7.3	7.5	7.7	7.4	7.5
22	5.7	5.4	5.5	5.9	5.7	5.8	7.8	7.5	7.6	8.3	7.7	8.1
23	5.7	5.5	5.6	5.9	5.7	5.8	7.7	7.5	7.6	8.6	8.1	8.3
24	5.6	5.3	5.5	5.9	5.5	5.7	8.0	7.5	7.8	8.6	8.2	8.4
25	5.6	5.2	5.5	5.8	5.6	5.7	7.8	7.3	7.5	8.9	8.1	8.5
26	5.9	5.2	5.5	5.9	5.6	5.8	7.7	7.2	7.5	8.7	8.3	8.5
27	5.7	5.3	5.5	5.8	5.3	5.6	7.8	7.3	7.6	8.8	8.3	8.6
28	5.6	5.3	5.5	5.8	5.2	5.6	8.0	7.5	7.7	8.9	8.6	8.7
29	5.4	5.1	5.3	5.8	5.5	5.7	7.9	7.6	7.8	8.8	8.6	8.7
30	5.3	4.8	5.1	6.0	5.6	5.8	7.9	7.5	7.7	8.8	8.5	8.7
31	5.7	4.8	5.3	---	---	---	7.8	7.4	7.6	8.6	8.3	8.5
MONTH	5.9	2.2	4.4	6.3	3.9	5.3	8.0	5.5	7.1	8.9	7.4	8.3

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.2	3.6	3.9	3.8	3.7	3.7	4.2	3.2	3.8	4.8	3.6	4.2
2	4.3	3.6	3.8	4.0	3.8	3.9	4.5	3.4	4.1	4.6	3.4	4.0
3	4.0	3.5	3.7	4.1	3.9	4.0	4.6	3.9	4.2	4.4	3.2	4.0
4	4.0	3.3	3.7	4.3	4.1	4.2	4.6	3.8	4.3	4.9	3.5	4.2
5	3.9	3.3	3.5	4.5	4.3	4.4	4.6	3.6	4.3	5.5	4.1	4.9
6	4.0	3.5	3.8	4.9	4.1	4.5	4.7	3.8	4.3	5.3	4.5	5.1
7	4.4	3.7	4.0	4.7	3.9	4.3	4.7	3.4	4.2	5.0	4.2	4.7
8	4.4	3.9	4.1	4.7	3.7	4.2	4.9	3.9	4.4	4.6	3.5	4.0
9	4.4	3.7	4.1	4.9	3.8	4.3	4.8	3.7	4.4	3.8	2.9	3.3
10	4.5	3.8	4.1	4.8	4.0	4.5	4.7	3.9	4.3	4.1	3.4	3.7
11	4.3	3.7	4.1	5.0	4.1	4.6	4.8	3.7	4.3	3.6	2.9	3.4
12	4.5	3.8	4.0	5.1	4.4	4.8	4.8	4.3	4.6	2.9	2.6	2.7
13	4.4	3.8	4.1	5.1	4.5	4.7	4.8	4.4	4.6	3.0	2.4	2.7
14	4.4	4.0	4.2	4.9	4.1	4.6	4.8	4.3	4.6	2.7	2.3	2.5
15	4.5	4.0	4.3	4.5	3.8	4.2	4.7	3.9	4.4	2.6	2.2	2.4
16	4.3	3.9	4.1	4.3	3.5	4.0	4.8	3.8	4.3	2.7	2.2	2.5
17	4.3	3.8	4.0	4.3	3.4	4.0	4.2	3.5	3.9	2.7	2.3	2.5
18	4.0	3.5	3.9	4.5	3.7	4.1	4.0	3.1	3.6	3.0	2.3	2.6
19	4.5	3.6	3.9	4.5	3.9	4.1	3.9	3.1	3.5	3.0	2.3	2.7
20	4.4	3.7	4.0	4.3	3.3	3.9	4.0	3.1	3.6	2.8	2.4	2.6
21	4.5	3.7	4.1	4.1	3.5	3.7	3.8	3.2	3.5	2.5	2.3	2.4
22	4.3	3.8	4.0	4.3	3.3	3.7	4.4	2.9	3.8	2.4	2.2	2.3
23	4.2	3.5	3.8	3.9	3.2	3.6	5.0	3.8	4.3	2.4	2.3	2.3
24	4.3	3.5	3.9	3.9	3.0	3.5	4.9	4.0	4.6	2.5	2.3	2.4
25	4.0	3.4	3.7	4.4	3.3	3.8	4.7	4.3	4.5	2.6	2.3	2.4
26	3.6	3.1	3.4	4.8	3.3	4.1	4.7	3.9	4.3	2.9	2.3	2.6
27	3.8	3.2	3.5	4.5	3.7	4.1	4.7	3.5	4.1	3.2	2.5	2.9
28	3.9	3.4	3.7	4.2	3.4	3.9	4.5	3.6	4.1	3.4	2.6	3.0
29	4.6	3.6	3.8	4.1	3.1	3.9	4.8	3.6	4.2	3.3	2.7	2.9
30	3.8	3.6	3.7	4.2	3.2	3.9	4.8	3.7	4.4	3.6	2.5	2.9
31	---	---	---	4.1	3.0	3.7	4.8	3.7	4.2	---	---	---
MONTH	4.6	3.1	3.9	5.1	3.0	4.1	5.0	2.9	4.2	5.5	2.2	3.2
YEAR	9.4	2.2	5.3									

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.--
SPECIFIC CONDUCTANCE: October 1983 to current year.

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

REMARKS.--Values less than 100 microsiemens are not recordable. Daily mean values for those days were deleted.

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 47,300 microsiemens Aug. 8; minimum, less than 100 microsiemens many days during the year.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3900	<100	---	14600	100	6780	6500	<100	---	7600	100	1640
2	5900	<100	---	8500	<100	---	7300	400	1380	400	<100	---
3	13000	<100	---	13200	<100	---	500	<100	---	400	<100	---
4	15100	<100	---	18700	100	5990	1400	<100	---	400	100	179
5	14600	<100	---	8400	<100	---	1500	<100	---	200	<100	---
6	23500	<100	---	6400	<100	---	800	<100	---	200	100	165
7	23200	100	13600	6400	100	1310	800	<100	---	200	<100	---
8	17800	1300	9330	3500	<100	---	400	<100	---	200	100	158
9	3900	100	1240	3200	<100	---	300	<100	---	200	<100	---
10	1500	<100	---	2000	<100	---	400	100	233	---	---	---
11	2400	300	635	1700	<100	---	1100	<100	---	---	---	---
12	3700	300	892	2200	<100	---	700	100	277	---	---	---
13	2300	200	1040	4200	<100	---	300	<100	---	---	---	---
14	2400	<100	---	5500	100	1240	600	100	298	---	---	---
15	2300	<100	---	5300	100	1240	400	<100	---	---	---	---
16	6600	<100	---	2500	<100	---	300	100	185	---	---	---
17	4900	<100	---	3400	<100	---	1000	<100	---	---	---	---
18	8000	100	1450	3500	100	792	400	100	221	---	---	---
19	7400	<100	---	2900	100	765	700	<100	---	---	---	---
20	8700	<100	---	8100	400	1650	2100	200	350	---	---	---
21	4500	100	1400	1700	200	535	1100	200	375	---	---	---
22	4900	100	1170	1500	200	533	400	200	246	---	---	---
23	6800	<100	---	2000	200	617	500	200	267	---	---	---
24	4600	<100	---	300	<100	---	300	200	225	---	---	---
25	8400	400	2460	1000	<100	---	200	<100	---	---	---	---
26	12500	700	4170	600	<100	---	300	<100	---	---	---	---
27	7800	<100	---	300	<100	---	700	<100	---	---	---	---
28	1200	100	375	800	<100	---	1900	100	342	---	---	---
29	10200	<100	---	2000	100	435	1100	<100	---	---	---	---
30	4700	<100	---	2600	<100	---	1000	<100	---	---	---	---
31	11500	100	5010	---	---	---	1300	<100	---	---	---	---
MONTH	23500	<100	3290	18700	<100	1820	7300	<100	367	7600	<100	536

02110730 AIW AT VEREENS MARINA AT NORTH MYRTLE BEACH, 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	179	200	<100	---	200	100	163
2	---	---	---	---	---	---	400	<100	---	200	100	123
3	---	---	---	---	---	---	300	<100	---	200	100	138
4	---	---	---	---	---	---	300	<100	---	200	100	140
5	---	---	---	---	---	---	200	<100	---	200	100	154
6	---	---	---	---	---	---	1900	<100	---	1000	100	248
7	---	---	---	---	---	---	2000	<100	---	200	100	121
8	---	---	---	---	---	---	1400	<100	---	200	100	127
9	---	---	---	---	---	---	1300	<100	---	200	100	144
10	---	---	---	---	---	---	1400	<100	---	500	100	192
11	---	---	---	---	---	---	1000	<100	---	600	100	225
12	---	---	---	---	---	---	500	<100	---	4000	100	523
13	---	---	---	---	---	---	1500	<100	---	6100	100	923
14	---	---	---	---	---	---	4000	<100	---	10500	100	1570
15	---	---	---	---	---	---	2100	200	621	11900	200	1670
16	---	---	---	---	---	---	200	100	192	19500	100	1590
17	---	---	---	---	---	---	200	100	179	19800	200	3180
18	---	---	---	---	---	---	200	100	150	9300	200	1580
19	---	---	---	---	---	---	300	100	150	5400	200	1370
20	---	---	---	---	---	---	300	100	175	6400	200	2250
21	---	---	---	---	---	---	600	100	208	17100	300	5950
22	---	---	---	---	---	---	800	100	285	13800	200	5160
23	---	---	---	---	---	---	900	100	331	8700	300	2920
24	---	---	---	---	---	---	800	100	292	10000	200	2720
25	---	---	---	---	---	---	700	100	242	17100	200	3770
26	1000	<100	---	---	---	---	1700	100	358	19200	300	5230
27	3000	<100	---	---	---	---	3600	100	596	23800	400	8080
28	2400	200	573	---	---	---	800	100	288	19400	300	6020
29	---	---	---	---	---	---	200	100	177	14700	300	4440
30	---	---	---	---	---	---	200	100	148	14700	300	4450
31	---	---	---	---	---	---	---	---	---	14200	200	3860
MONTH	3000	<100	573	300	100	179	4000	<100	275	23800	100	2230
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15700	300	4130	6300	100	1520	---	---	---	9900	400	3100
2	11600	200	3770	4400	100	1160	---	---	---	17000	400	4220
3	12500	300	5200	3400	100	1140	---	---	---	20300	200	4980
4	17200	300	7330	6700	100	1770	---	---	---	28800	200	7690
5	17700	300	7660	10200	100	2430	34000	600	11100	10700	100	2790
6	19800	<100	---	14500	100	3540	40900	900	17800	9500	100	1520
7	13400	<100	---	19900	100	5150	45800	2500	23900	13200	106	2160
8	14100	<100	---	22800	100	6010	47300	3500	26100	4630	<100	987
9	18900	<100	---	28100	<100	---	45600	3100	26000	2870	<100	807
10	34200	<100	---	33200	100	7800	38200	1200	20000	1490	<100	375
11	40500	<100	---	32800	100	9030	41300	2400	20500	600	100	223
12	40400	<100	---	19100	200	5510	39900	5100	23300	400	100	183
13	34200	300	12600	---	---	---	35700	1100	15100	400	100	168
14	28900	300	9710	10100	100	5710	21700	400	7190	400	100	173
15	29800	400	9500	10700	200	3680	15500	300	4540	1000	100	226
16	29200	500	10400	12700	200	3790	15500	400	4720	600	100	181
17	26200	500	11300	13600	100	7400	19500	400	5880	300	100	163
18	23600	600	13400	---	---	---	18100	400	5930	500	100	182
19	21400	600	10300	---	---	---	23100	500	7750	700	100	232
20	14400	300	4970	---	---	---	23600	400	8410	2000	100	345
21	15800	300	3970	---	---	---	23800	600	9260	1200	100	301
22	19200	300	4310	---	---	---	21100	500	8080	300	100	130
23	20900	300	5970	---	---	---	21400	400	5900	400	100	135
24	20700	300	4630	---	---	---	27500	1200	13000	800	100	161
25	22200	400	8290	---	---	---	21600	700	10800	700	100	144
26	22800	200	6160	---	---	---	15100	500	6460	2700	100	318
27	13500	200	3360	---	---	---	14300	500	5960	3700	100	570
28	14700	200	4180	---	---	---	12800	400	5270	4900	100	622
29	14200	200	3620	---	---	---	18400	400	6440	4800	100	638
30	9600	200	2640	---	---	---	21900	500	7990	8600	100	1260
31	---	---	---	---	---	---	21100	500	8280	---	---	---
MONTH	40500	<100	6840	33200	<100	4380	47300	300	11700	28800	<100	1170
YEAR	47300	<100	3910									

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, Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at AIW mile 354.1.

PERIOD OF DAILY 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, >10,000 microsiemens, Jun. 21, 1986, Aug. 7,8, 1987; 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, 33.0°C, Jul. 20, 21, 1986; minimum, 6.5°C, Jan. 29, 30 1987.
DISSOLVED OXYGEN: Maximum, 9.8 mg/L, Apr. 15, 1987; minimum, 2.4 mg/L, Sept. 11,12, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: See 1986 Water Year Publication for data.
pH: Maximum recorded, 7.5 units, May 10, 11, 25; minimum recorded, 5.3 units, Sept. 26.
WATER TEMPERATURE: Maximum recorded, 33.0°C, Jul. 20, 21; minimum recorded, 19.0°C, Apr. 24, 25.
DISSOLVED OXYGEN: Maximum recorded, 4.4 mg/L, Sept. 17; minimum recorded, 2.4 mg/L, Sept. 11,12.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, >10,000 microsiemens, Aug. 7,8; minimum, 57 microsiemens, Mar. 4-16.
pH: Maximum, 9.2 units, Aug. 13; minimum, 5.6 units, several days in Oct.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 9; minimum, 6.5°C, Jan. 29, 30.
DISSOLVED OXYGEN: Maximum, 9.8 mg/L, Apr. 15; minimum, 2.8 mg/L Sept. 14-17.

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5										---	---	---
6										---	---	---
7										---	---	---
8										---	---	---
9										---	---	---
10										3.1	2.6	2.9
11										3.2	2.4	2.8
12										3.4	2.4	2.9
13										3.4	2.7	3.0
14										3.5	3.0	3.2
15										3.8	3.1	3.4
16										3.6	3.1	3.4
17										4.4	3.5	3.9
18										4.3	3.8	4.1
19										4.1	3.7	3.9
20										4.2	3.2	3.8
21										3.8	3.2	3.6
22										4.0	3.2	3.6
23										3.8	3.2	3.6
24										3.9	3.0	3.5
25										3.8	3.2	3.4
26										3.8	2.6	3.4
27										3.6	3.2	3.4
28										3.9	2.9	3.5
29										3.9	3.3	3.7
30										3.7	3.4	3.5
31										---	---	---
MONTH										4.4	2.4	3.5

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	470	120	202	2080	170	682	310	110	163	2230	80	605
2	1240	130	327	1220	150	438	200	120	147	150	80	105
3	2650	150	881	1660	150	472	140	110	124	90	70	85
4	3470	160	1060	2080	150	610	130	110	119	90	70	79
5	3280	150	973	520	160	269	130	100	118	90	70	78
6	8310	180	2020	380	150	218	130	100	116	80	70	76
7	9860	230	2810	460	140	237	120	100	111	90	70	78
8	3310	160	1010	210	140	176	110	100	105	80	70	74
9	180	120	163	170	140	155	120	90	104	80	70	76
10	190	110	142	200	120	153	110	100	106	80	70	76
11	170	110	139	190	140	159	170	100	119	80	70	78
12	290	110	160	160	130	147	140	100	116	80	70	79
13	180	110	146	190	130	155	120	100	115	90	70	79
14	170	110	134	380	130	200	120	100	111	80	70	78
15	150	100	126	290	140	185	110	90	104	80	70	76
16	150	110	133	170	130	147	110	90	99	80	70	78
17	160	120	137	230	130	162	110	90	96	90	70	81
18	180	110	137	240	140	168	110	90	98	100	80	84
19	180	110	134	190	120	149	120	80	97	90	80	84
20	230	110	146	280	120	169	110	90	97	90	70	81
21	180	110	140	160	120	136	110	90	99	90	70	81
22	190	110	142	140	120	127	100	90	96	120	80	89
23	150	110	132	130	110	119	100	80	92	90	70	83
24	150	120	132	120	100	112	180	90	106	80	70	75
25	210	120	151	130	100	118	110	90	99	140	70	80
26	180	120	151	130	110	118	100	90	94	90	70	81
27	150	120	133	130	110	121	100	80	92	80	70	75
28	150	120	133	130	110	121	100	80	93	80	60	71
29	210	120	149	160	110	124	100	80	90	80	60	70
30	230	130	174	150	110	128	100	90	93	70	60	69
31	1080	130	464	---	---	---	100	80	93	70	60	68
MONTH	9860	100	416	2080	100	209	310	80	107	2230	60	96
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	70	60	65	91	81	88	90	80	84	90	70	80
2	70	60	67	91	82	81	100	80	88	90	70	79
3	70	60	64	82	72	75	90	80	84	90	70	80
4	70	60	64	83	63	75	100	80	87	90	70	80
5	70	60	61	83	63	74	100	80	87	100	70	85
6	70	60	62	83	63	72	120	80	97	90	80	82
7	120	60	79	74	63	71	110	80	92	80	70	79
8	90	60	70	84	64	75	120	90	99	90	70	82
9	80	60	69	84	64	73	110	80	94	90	70	82
10	70	60	66	75	65	72	110	90	95	90	70	80
11	70	60	66	65	65	65	100	80	94	90	80	84
12	70	60	68	66	65	66	100	80	90	100	80	88
13	80	60	69	76	66	67	100	80	93	100	80	90
14	70	60	69	67	57	66	110	90	98	100	80	93
15	80	60	70	67	57	64	370	90	139	110	90	99
16	80	60	73	67	57	64	110	80	98	110	90	99
17	80	70	75	68	58	65	100	70	82	130	90	108
18	80	60	74	68	58	66	100	70	79	120	90	104
19	80	70	73	79	58	73	100	80	86	110	90	105
20	80	70	74	79	69	73	100	80	88	120	100	113
21	80	70	75	79	69	71	110	80	89	170	100	131
22	90	70	76	80	69	71	100	80	86	140	110	130
23	90	70	79	80	60	71	100	80	88	150	110	129
24	90	80	83	80	70	74	100	80	89	160	100	130
25	90	70	83	90	70	75	90	80	89	180	120	135
26	90	70	83	80	70	74	100	80	88	290	110	159
27	91	80	85	80	70	77	100	80	91	461	130	186
28	101	81	91	100	70	79	100	80	88	462	133	203
29	---	---	---	90	70	80	90	70	81	224	126	166
30	---	---	---	90	70	82	100	70	81	226	127	163
31	---	---	---	90	80	87	---	---	---	219	130	160
MONTH	120	60	73	100	57	73	370	70	91	462	70	112

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	202	132	160	---	---	---	240	180	224	320	170	240
2	174	135	151	140	130	133	460	190	279	450	160	266
3	186	137	163	140	130	136	360	200	251	799	236	371
4	229	148	179	150	120	138	430	170	264	754	230	316
5	190	160	175	150	120	139	1860	190	574	391	143	231
6	190	150	176	190	120	152	5100	230	1160	265	163	212
7	220	150	176	230	130	164	>10000	260	---	243	162	202
8	230	140	175	270	130	175	>10000	250	---	235	93	182
9	330	140	182	310	130	180	8030	290	2080	296	90	174
10	4710	150	733	530	130	207	5290	190	1190	238	91	176
11	8540	180	1650	520	140	232	2050	190	795	244	90	144
12	6340	170	1240	450	140	226	3520	280	1130	130	90	115
13	2640	160	589	340	130	205	850	230	450	160	80	118
14	1190	150	389	210	130	161	310	140	196	310	120	184
15	580	160	270	160	130	146	170	130	158	220	150	206
16	620	150	288	150	120	139	170	120	152	230	156	198
17	550	160	286	160	120	135	210	130	160	239	156	212
18	310	170	230	140	120	132	190	140	159	263	189	218
19	280	160	203	150	120	131	220	140	166	205	156	181
20	250	150	190	180	120	141	310	130	183	176	145	160
21	320	150	205	220	130	155	400	140	203	158	113	138
22	300	150	198	440	130	197	370	140	194	135	106	117
23	310	150	204	570	150	233	290	140	179	140	80	106
24	200	150	172	590	160	289	830	160	284	160	80	104
25	200	160	175	490	160	257	810	160	313	180	70	99
26	190	150	174	320	160	214	280	170	205	160	80	96
27	180	140	162	230	160	183	210	170	190	160	80	106
28	160	140	151	240	160	196	210	160	186	290	90	135
29	160	140	147	360	180	259	300	160	211	250	90	126
30	---	---	---	560	210	351	260	170	217	180	90	123
31	---	---	---	310	210	271	360	160	229	---	---	---
MONTH	8540	132	317	590	120	189	>10000	120	413	799	70	175
YEAR	>10000	57	189									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	27.0	27.5	---	---	---	30.0	29.0	29.5	29.5	28.5	29.0
2	28.0	27.0	27.5	28.5	27.5	28.5	30.0	29.0	29.5	29.0	28.0	28.5
3	28.5	27.0	28.0	28.0	27.5	28.0	30.5	29.5	30.0	28.5	27.0	28.0
4	28.0	27.0	27.5	28.5	27.5	28.0	30.5	29.5	30.0	28.0	26.5	27.5
5	28.0	26.5	27.5	29.0	27.5	28.5	32.0	29.5	31.0	27.0	26.5	26.5
6	28.0	26.5	27.0	29.5	28.0	29.0	32.0	31.0	31.5	27.0	26.0	26.5
7	28.0	26.5	27.5	30.0	29.0	29.5	32.0	31.0	31.5	27.5	26.5	27.0
8	28.0	27.0	27.5	30.5	29.5	30.0	32.0	30.5	31.5	27.5	26.5	27.0
9	28.5	27.0	27.5	31.0	29.5	30.5	32.5	31.0	31.5	28.0	26.5	27.5
10	28.5	27.0	27.5	31.0	30.0	30.5	32.0	31.0	31.5	28.0	27.0	27.5
11	27.5	26.5	27.0	31.5	30.0	30.5	31.5	30.5	31.0	27.5	26.5	27.0
12	28.0	26.5	27.0	31.5	30.0	30.5	30.5	30.0	30.5	27.5	26.5	27.0
13	27.5	26.5	27.0	30.5	29.5	30.0	30.5	29.5	30.0	27.0	26.5	27.0
14	27.0	26.5	27.0	31.0	29.5	30.0	30.0	29.0	29.5	27.5	26.5	27.0
15	27.5	26.0	27.0	30.0	29.0	29.5	29.5	28.5	29.0	28.0	26.5	27.0
16	28.0	26.5	27.5	29.5	28.5	29.0	30.0	28.5	29.5	28.0	27.0	27.5
17	28.5	27.0	28.0	29.5	28.5	29.0	30.5	29.5	30.0	27.5	26.5	27.0
18	28.5	28.0	28.0	29.0	28.0	28.5	31.0	29.5	30.5	27.5	26.0	27.0
19	28.5	27.5	28.0	29.0	27.5	28.0	31.0	30.5	30.5	27.5	26.5	27.0
20	28.5	27.5	28.0	29.0	27.5	28.5	31.5	30.0	31.0	27.5	27.0	27.0
21	28.5	27.5	28.0	29.5	28.0	28.5	31.5	30.5	31.0	27.5	26.5	27.0
22	28.5	27.5	28.0	30.0	28.5	29.0	31.5	30.0	30.5	27.0	26.5	27.0
23	28.5	27.0	27.5	30.5	29.0	30.0	31.0	29.5	30.5	26.5	26.0	26.0
24	28.5	27.0	27.5	30.5	29.5	30.0	30.5	29.5	30.0	26.0	25.0	25.5
25	28.0	27.0	27.5	30.5	29.0	30.0	29.5	27.5	29.0	26.0	24.5	25.0
26	28.5	27.0	27.5	31.0	29.5	30.0	29.5	28.0	29.0	25.5	24.0	25.0
27	28.5	27.0	28.0	30.5	29.5	30.0	30.0	28.5	29.5	25.5	24.5	25.0
28	28.0	27.5	28.0	30.5	29.0	30.0	30.5	29.5	30.0	25.0	24.0	24.5
29	28.5	27.5	28.0	30.5	29.5	29.5	30.5	29.5	30.0	25.0	24.0	24.5
30	---	---	---	30.0	29.0	29.5	30.5	29.0	30.0	25.0	24.5	24.5
31	---	---	---	30.0	29.0	29.5	30.5	29.0	29.5	---	---	---
MONTH	28.5	26.0	27.5	31.5	27.5	29.5	32.5	27.5	30.5	29.5	24.0	26.5
YEAR	32.5	6.5	20.0									

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

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	6.0	6.3	---	---	---	6.7	4.5	5.5	6.1	3.6	5.1
2	6.6	5.9	6.4	5.4	5.0	5.2	7.1	4.7	5.7	5.3	3.8	4.8
3	6.6	6.1	6.4	5.5	4.9	5.2	6.9	4.9	5.7	5.5	4.1	4.9
4	6.9	6.5	6.6	5.6	4.8	5.3	7.3	4.8	5.8	6.0	3.2	5.2
5	6.9	6.3	6.6	5.8	5.1	5.4	6.8	5.2	6.0	6.4	5.4	6.0
6	7.1	6.3	6.7	5.5	4.9	5.3	7.2	4.9	5.8	6.2	5.6	5.9
7	6.9	6.4	6.7	5.5	4.8	5.2	6.9	4.6	5.8	5.6	5.1	5.4
8	6.8	6.3	6.6	5.4	4.7	5.1	7.5	5.2	6.1	5.3	4.0	4.9
9	6.9	6.0	6.5	5.3	4.6	4.9	7.8	5.3	6.4	4.7	3.8	4.5
10	6.7	5.8	6.4	5.2	4.4	4.9	7.3	5.0	6.5	4.4	3.5	4.1
11	7.1	5.8	6.6	5.3	4.4	4.9	7.3	6.1	6.7	4.0	3.3	3.7
12	7.0	6.1	6.6	5.8	4.4	5.0	7.8	5.7	6.9	3.8	3.1	3.4
13	7.1	6.3	6.8	5.4	4.6	5.0	9.3	6.6	7.6	3.6	3.0	3.3
14	7.2	6.4	6.9	5.6	4.5	5.0	8.5	5.8	7.3	3.3	2.8	3.1
15	7.1	6.6	6.9	5.5	4.4	5.0	7.4	5.4	6.3	3.2	2.8	2.9
16	7.2	6.7	6.9	5.5	4.7	5.1	7.3	5.1	6.0	3.1	2.8	2.9
17	7.2	6.6	6.9	6.0	4.8	5.4	7.0	5.3	5.9	3.7	2.8	3.1
18	7.1	6.5	6.9	6.2	5.2	5.7	6.9	5.2	6.0	3.6	3.0	3.3
19	7.1	6.7	6.9	6.3	4.8	5.8	6.9	5.0	5.8	3.5	3.1	3.3
20	---	---	---	6.3	4.8	5.6	6.7	5.3	5.9	3.3	2.9	3.0
21	---	---	---	6.1	5.2	5.7	7.2	5.4	6.1	3.3	3.0	3.1
22	---	---	---	6.0	4.9	5.6	7.3	5.4	6.3	3.1	2.9	3.0
23	---	---	---	5.8	4.8	5.4	7.1	5.1	6.1	3.1	2.9	3.0
24	---	---	---	5.7	4.6	5.3	7.4	5.5	6.3	3.1	2.9	3.0
25	---	---	---	5.8	4.6	5.3	7.6	5.3	6.4	3.1	2.9	3.0
26	---	---	---	5.7	4.3	5.2	7.0	5.4	6.3	3.4	2.9	3.1
27	---	---	---	5.4	4.2	5.0	7.1	5.3	6.1	4.0	2.9	3.5
28	---	---	---	5.5	4.1	4.9	7.2	5.4	6.1	4.6	3.6	4.2
29	---	---	---	5.6	4.4	5.1	7.5	4.7	6.2	5.1	3.7	4.4
30	---	---	---	6.0	4.5	5.3	7.2	5.0	6.1	4.9	4.1	4.5
31	---	---	---	6.4	4.5	5.4	6.8	5.0	5.9	---	---	---
MONTH	7.2	5.8	6.7	6.4	4.1	5.2	9.3	4.5	6.2	6.4	2.8	3.9
YEAR	9.8	2.8	6.0									

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 12.07 ft below National Geodetic Vertical Datum of 1929. 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 2.603 ft higher (station no. 02110725), and one 14.5 miles downstream at datum 0.430 ft 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-Dimentional unsteady-flow simulation model. Flow generally reversed as a result of tide and wind effect at both ends of the modeling reach.

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, 7,050 ft^3/s, Mar. 15; minimum daily discharge, -85 ft^3/s, Jun. 10.

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	119	340	659	933	3620	2790	1880	2390	585	877	547	862
2	2.0	433	1070	2080	4310	2840	1970	2410	583	912	440	580
3	-24	187	1490	1660	4470	2850	1960	2430	444	854	502	553
4	121	427	1130	1770	4440	2860	1930	2320	579	792	171	430
5	63	685	1230	1790	4330	2970	1440	2260	564	685	42	1250
6	168	569	1340	2010	4080	3220	1590	2320	511	540	40	1060
7	380	544	1300	2150	3960	3340	1370	2330	530	468	18	951
8	1050	644	1120	1730	3820	3790	1480	2080	419	470	85	1440
9	901	561	1060	1930	3790	4210	1330	1920	302	475	333	1380
10	634	342	910	1900	2890	4770	1230	1780	-85	447	453	2120
11	402	432	864	1840	2610	5410	1550	1420	111	538	368	2170
12	207	295	965	1460	2530	6200	1470	1250	392	714	638	2190
13	351	342	1220	1530	2020	6700	1190	1220	555	906	978	2090
14	597	226	947	1670	2010	6950	1040	1080	616	1070	990	2040
15	362	611	1320	1630	1890	7050	1730	1190	469	853	774	1900
16	304	533	1250	1570	2250	6860	2840	1110	454	1000	626	2030
17	499	436	1210	1700	2340	6370	2460	1120	450	802	510	2150
18	505	542	1640	2150	2240	6000	2250	1150	452	852	509	1990
19	408	661	1170	2390	2180	5640	2290	937	503	691	393	1660
20	407	1030	1150	1620	2080	5070	2100	670	514	508	336	1610
21	456	1260	1530	1930	1960	4820	1800	488	391	398	307	1800
22	485	937	1510	2170	1870	4150	1450	565	360	221	440	2160
23	569	1200	1490	2510	1870	3590	1450	614	327	263	355	1920
24	449	1180	1540	2150	1450	3120	1490	577	374	383	165	1900
25	405	815	1590	1890	1340	2940	1750	427	356	529	543	1860
26	453	929	1270	2490	1310	2720	1410	334	733	555	580	1490
27	478	833	1040	1970	1210	2250	1490	323	611	455	431	1470
28	397	676	1240	2390	1700	2140	2240	672	674	290	476	1590
29	190	767	1100	2700	---	1870	2760	571	825	283	362	1410
30	161	504	1320	3570	---	2050	2820	582	884	398	545	1050
31	-1.0	---	1030	3970	---	2720	---	591	---	498	773	---
TOTAL	11498.0	18941	37705	63253	74570	128260	53760	39131	14483	18727	13730	47106
MEAN	371	631	1216	2040	2663	4137	1792	1262	483	604	443	1570
MAX	1050	1260	1640	3970	4470	7050	2840	2430	884	1070	990	2190
MIN	-24	187	659	933	1210	1870	1040	323	-85	221	18	430

CAL YR 1986 TOTAL 220264.0 MEAN 603 MAX 1640 MIN -75
WTR YR 1987 TOTAL 521164.0 MEAN 1428 MAX 7050 MIN -85

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, 7.5 units, Apr. 15, 1987; minimum, 5.2 units, Sept. 22, 1987.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 21, 1986, Jul. 11, 1987; minimum, 6.0°C, Jan. 29, 1987.
DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Feb. 28, 1987; minimum, 2.5 mg/L, Sept. 16, 18, 21, 22, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 200 microsiemens, Jun. 21; minimum recorded, 70 microsiemens, Sept. 10.
pH: Maximum recorded, 7.3 units, Aug. 7-13; minimum recorded, 5.3 units, Jun. 1-3.
WATER TEMPERATURE: Maximum recorded, 33.0°C, Jul. 21; minimum recorded, 10.0°C, Mar. 2.
DISSOLVED OXYGEN: Maximum recorded, 8.7 mg/L, Mar. 6-8; minimum recorded, 2.6 mg/L, Aug 1.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 208 microsiemens, Aug. 8, minimum, 46 microsiemens, May 6.
pH: Maximum recorded, 7.5 units, Apr. 15; minimum recored, 5.2 units, Sept. 22.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 11; minimum, 6.0°C, Jan. 29.
DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Feb. 2, minimum, 2.5 mg/L Sept. 16, 18, 21, 22.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	120	110	115	110	90	100	140	110	127
2	---	---	---	120	100	110	110	90	103	130	120	128
3	---	---	---	120	100	113	110	100	102	---	---	---
4	---	---	---	120	110	114	110	100	104	140	130	130
5	---	---	---	120	110	116	110	100	103	130	110	124
6	---	---	---	120	110	115	110	90	104	---	---	---
7	---	---	---	130	110	118	110	90	105	---	---	---
8	---	---	---	130	110	120	120	100	109	---	---	---
9	---	---	---	120	110	117	120	100	111	---	---	---
10	---	---	---	120	110	114	120	100	113	---	---	---
11	---	---	---	120	110	116	120	100	111	---	---	---
12	---	---	---	130	110	120	120	100	109	---	---	---
13	---	---	---	150	120	127	120	100	109	---	---	---
14	---	---	---	170	120	138	120	100	111	---	---	---
15	---	---	---	160	120	136	120	100	111	---	---	---
16	---	---	---	130	110	120	110	100	108	---	---	---
17	---	---	---	130	110	119	120	100	111	---	---	---
18	---	---	---	120	110	116	120	100	110	---	---	---
19	---	---	---	150	110	121	130	100	114	---	---	---
20	---	---	---	190	110	135	120	100	114	---	---	---
21	---	---	---	160	110	122	120	100	111	---	---	---
22	---	---	---	130	100	112	120	100	112	---	---	---
23	---	---	---	110	90	104	130	110	118	---	---	---
24	---	---	---	110	100	105	130	110	121	---	---	---
25	---	---	---	120	100	109	140	120	127	---	---	---
26	---	---	---	120	100	105	150	120	131	---	---	---
27	120	110	112	110	100	105	130	120	137	---	---	---
28	120	110	116	120	100	106	140	110	128	---	---	---
29	---	---	---	110	100	105	140	110	128	---	---	---
30	---	---	---	110	90	103	140	120	128	160	140	151
31	---	---	---	110	90	103	---	---	---	160	130	147
MONTH	120	110	114	190	90	115	150	90	113	160	110	135

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	150	130	140	130	110	122	100	80	91	100	80	91
2	140	120	134	130	110	120	100	80	90	100	80	92
3	150	130	137	130	120	122	100	80	90	100	80	92
4	150	130	138	130	100	116	110	80	96	100	80	88
5	150	130	139	120	90	106	120	90	101	100	80	88
6	150	130	141	110	80	97	120	100	104	100	80	88
7	150	130	139	100	80	89	120	90	103	100	80	87
8	150	130	140	100	80	91	110	90	100	100	80	86
9	150	140	141	110	90	95	110	90	102	90	80	87
10	160	140	146	110	90	95	120	100	102	90	70	85
11	160	140	146	160	90	103	---	---	---	90	80	90
12	160	140	148	100	80	94	---	---	---	---	---	---
13	---	---	---	100	80	89	120	90	102	---	---	---
14	150	140	149	100	80	88	120	90	105	110	100	103
15	160	150	159	100	80	90	120	100	105	110	90	105
16	---	---	---	100	90	93	120	100	108	150	100	125
17	170	160	160	100	80	95	110	100	105	160	140	149
18	---	---	---	110	90	94	110	90	98	150	120	138
19	---	---	---	110	90	96	120	100	106	140	120	128
20	180	150	164	130	90	98	120	100	113	140	100	116
21	200	150	168	---	---	---	120	100	110	150	120	128
22	190	180	181	120	100	105	110	100	109	---	---	---
23	190	160	164	120	100	106	120	100	110	120	---	117
24	170	140	148	120	100	108	110	100	102	120	110	117
25	150	130	144	110	80	99	100	90	99	---	---	---
26	160	130	148	110	90	99	100	80	90	126	109	119
27	160	120	140	100	90	97	90	80	88	134	100	117
28	140	120	128	120	90	102	90	80	87	132	101	116
29	130	110	123	110	90	99	---	---	---	157	107	127
30	130	100	119	100	80	91	90	80	86	142	100	121
31	---	---	---	100	80	95	100	80	89	---	---	---
MONTH	200	100	146	160	80	100	120	80	100	160	70	108
YEAR	200	70	114									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	11.5	10.5	11.0	18.0	16.0	17.0	23.5	22.0	22.5
2	---	---	---	11.0	10.0	10.5	18.5	16.5	17.5	23.5	22.5	23.0
3	---	---	---	11.5	10.0	11.0	19.5	17.5	18.5	23.0	22.0	22.5
4	---	---	---	11.0	10.0	10.5	19.5	18.5	19.0	23.0	21.5	22.0
5	---	---	---	11.5	10.0	10.5	20.5	19.0	20.0	23.0	21.5	22.0
6	---	---	---	12.0	10.5	11.0	21.0	19.5	20.5	23.5	21.5	22.5
7	---	---	---	12.5	10.0	11.0	22.0	20.0	21.0	24.0	22.5	23.5
8	---	---	---	11.0	10.0	10.5	21.5	20.5	21.0	25.0	23.0	24.0
9	---	---	---	11.5	10.0	11.0	21.0	20.0	20.5	24.5	23.0	24.0
10	---	---	---	13.0	11.0	12.0	20.5	19.5	20.0	23.5	22.0	23.0
11	---	---	---	14.5	12.5	13.5	20.0	18.5	19.5	23.5	22.0	23.0
12	---	---	---	14.0	13.5	14.0	20.5	19.0	19.5	23.5	22.5	23.0
13	---	---	---	15.5	14.0	14.5	21.0	19.0	20.0	24.0	22.5	23.0
14	---	---	---	16.5	15.0	15.5	21.0	19.5	20.0	25.0	23.0	24.0
15	---	---	---	16.0	15.0	15.5	21.5	20.0	20.5	25.5	23.5	24.5
16	---	---	---	16.5	15.0	15.5	21.0	19.5	20.0	25.5	24.5	25.0
17	---	---	---	16.5	15.0	16.0	20.5	19.0	19.5	26.0	24.5	25.0
18	---	---	---	17.0	15.5	16.5	19.5	18.0	19.0	26.0	25.0	25.5
19	---	---	---	17.5	16.5	17.0	19.5	18.5	19.0	25.5	25.0	25.5
20	---	---	---	17.5	16.5	17.0	20.0	18.5	19.5	26.0	24.5	25.0
21	---	---	---	16.5	15.0	16.0	20.5	19.5	20.0	26.0	25.0	25.5
22	---	---	---	15.0	13.5	14.5	20.0	19.0	19.5	26.0	25.0	25.5
23	---	---	---	14.5	13.0	14.0	20.0	18.5	19.0	26.0	24.5	25.5
24	---	---	---	14.5	13.0	14.0	19.5	18.0	18.5	26.5	25.0	26.0
25	---	---	---	15.0	13.5	14.0	20.0	18.0	19.0	27.0	25.5	26.0
26	---	---	---	15.5	14.0	15.0	20.5	18.5	19.5	26.0	25.0	25.5
27	12.5	12.0	12.0	16.0	15.0	15.5	21.5	19.5	20.5	25.5	24.5	25.0
28	12.0	11.5	11.5	16.5	15.0	16.0	22.5	20.5	21.5	26.0	25.0	25.5
29	---	---	---	17.0	15.5	16.0	23.0	21.0	22.0	26.0	25.0	25.5
30	---	---	---	17.5	15.5	16.5	23.0	21.5	22.0	27.0	25.5	26.5
31	---	---	---	17.5	16.0	16.5	---	---	---	27.5	26.0	27.0
MONTH	12.5	11.5	12.0	17.5	10.0	14.0	23.0	16.0	20.0	27.5	21.5	24.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.5	27.0	30.0	29.0	29.5	31.0	30.5	31.0	22.5	21.5	22.0
2	27.5	26.5	27.5	30.0	29.0	29.5	31.5	30.5	31.0	23.0	22.0	22.5
3	27.0	26.0	26.5	30.0	29.0	29.5	31.5	30.0	30.5	23.0	22.0	22.5
4	26.5	25.5	26.0	29.5	29.0	29.5	30.5	29.5	30.0	24.0	22.5	23.0
5	27.5	26.0	26.5	30.0	28.5	29.0	30.5	29.5	30.0	24.0	23.0	23.5
6	27.0	26.5	26.5	30.0	28.5	29.5	30.5	29.5	30.0	24.0	23.0	23.5
7	27.5	26.5	27.0	30.5	29.0	29.5	31.0	29.0	30.0	24.5	23.0	23.5
8	28.5	26.5	27.5	31.0	29.0	30.0	31.0	29.5	30.0	25.0	23.0	24.0
9	28.5	27.5	28.0	31.0	29.5	30.5	31.0	29.5	30.0	24.0	23.0	23.5
10	29.0	27.5	28.0	31.5	29.5	30.5	31.5	29.5	30.5	25.0	23.0	23.5
11	29.0	27.5	28.0	31.5	29.5	30.5	31.0	29.5	30.5	25.5	24.0	24.5
12	29.5	27.5	28.5	31.5	29.5	30.5	30.0	29.5	29.5	25.5	24.5	25.0
13	30.0	28.0	29.0	31.0	29.5	30.5	29.5	29.0	29.0	26.0	24.5	25.5
14	29.0	28.0	28.5	31.5	29.5	30.5	29.0	28.0	28.5	26.0	25.0	25.5
15	28.5	28.0	28.5	31.5	30.0	31.0	28.5	27.5	28.0	26.0	24.5	25.5
16	28.5	27.5	28.0	31.5	30.5	31.0	27.5	27.5	27.5	26.5	25.0	26.0
17	29.0	27.5	28.5	31.5	30.0	31.0	28.5	27.0	28.0	26.0	25.0	25.5
18	28.5	27.5	28.0	32.0	30.5	31.0	28.5	28.0	28.0	25.5	24.0	25.0
19	28.5	27.0	27.5	32.5	30.5	31.5	28.5	27.5	28.0	25.5	24.5	25.0
20	29.0	27.5	28.0	32.5	31.5	32.0	28.0	27.5	27.5	26.0	24.5	25.0
21	28.5	27.5	28.0	33.0	32.0	32.0	28.5	27.0	27.5	26.5	25.0	25.5
22	28.5	27.0	28.0	32.5	31.0	32.0	29.0	27.0	27.5	26.0	25.0	25.5
23	28.5	27.0	28.0	32.0	31.0	31.5	28.0	27.0	27.5	26.5	25.0	25.5
24	28.5	27.0	28.0	32.5	30.5	31.5	29.0	27.0	28.0	26.5	25.0	26.0
25	29.0	27.5	28.0	32.0	31.0	31.5	28.0	27.0	27.5	27.0	25.5	26.0
26	29.0	28.0	28.5	31.5	30.5	31.0	28.5	26.5	27.0	27.5	26.0	26.5
27	29.5	28.0	28.5	31.5	30.0	30.5	28.0	26.5	27.0	28.0	26.5	27.0
28	29.5	28.0	28.5	31.0	30.0	30.5	27.5	25.5	27.0	28.0	26.5	27.5
29	29.5	28.0	29.0	31.0	30.0	30.5	25.5	24.0	25.0	28.0	27.0	27.5
30	29.5	28.5	29.0	31.0	29.5	30.5	24.0	22.5	23.0	28.5	27.0	27.5
31	---	---	---	32.0	30.0	30.5	22.5	21.5	22.0	---	---	---
MONTH	30.0	25.5	28.0	33.0	28.5	30.5	31.5	21.5	28.5	28.5	21.5	25.0
YEAR	33.0	10.0	24.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	8.1	7.9	8.0	6.3	5.9	6.1	5.9	5.3	5.7
2	---	---	---	8.1	7.9	8.0	6.1	5.6	5.9	5.8	5.2	5.6
3	---	---	---	8.2	8.0	8.1	5.9	5.5	5.8	6.1	5.3	5.8
4	---	---	---	8.1	7.9	8.0	5.8	5.4	5.6	6.3	5.5	5.9
5	---	---	---	8.3	8.0	8.1	5.6	5.3	5.4	6.1	5.4	5.8
6	---	---	---	8.7	8.0	8.3	5.8	5.3	5.6	6.1	5.4	5.8
7	---	---	---	8.7	8.1	8.4	6.1	5.4	5.8	6.2	5.4	5.9
8	---	---	---	8.7	8.3	8.5	6.1	5.4	5.7	6.2	5.6	5.9
9	---	---	---	8.5	8.3	8.4	6.0	5.3	5.7	6.5	5.9	6.2
10	---	---	---	8.5	8.3	8.4	6.1	5.3	5.8	6.6	5.6	6.2
11	---	---	---	8.4	8.2	8.3	5.9	5.5	5.8	6.4	5.5	5.9
12	---	---	---	8.6	8.2	8.3	5.9	5.5	5.7	6.2	5.5	5.9
13	---	---	---	8.4	8.0	8.3	5.8	5.4	5.6	6.2	5.8	6.0
14	---	---	---	8.3	7.9	8.1	5.8	5.3	5.6	6.1	5.5	5.9
15	---	---	---	8.1	7.5	7.7	5.8	5.2	5.6	6.0	5.2	5.7
16	---	---	---	7.5	6.9	7.1	5.8	5.3	5.6	5.8	5.0	5.5
17	---	---	---	7.0	6.7	6.9	5.9	5.2	5.6	5.7	5.0	5.5
18	---	---	---	7.2	6.7	6.9	6.1	5.2	5.6	6.0	5.2	5.7
19	---	---	---	7.3	6.5	6.9	6.1	5.5	5.8	6.1	5.4	5.8
20	---	---	---	7.4	6.1	6.5	6.1	5.4	5.8	6.2	5.4	5.9
21	---	---	---	7.2	6.1	6.4	6.3	5.6	6.0	6.2	5.6	6.0
22	---	---	---	6.9	6.3	6.7	6.4	5.6	6.1	6.2	5.7	6.0
23	---	---	---	6.8	6.5	6.6	6.5	5.7	6.2	6.3	5.4	6.0
24	---	---	---	6.9	6.5	6.7	6.5	5.9	6.3	6.3	5.4	5.9
25	---	---	---	7.2	6.7	7.0	6.6	6.1	6.4	6.2	5.5	5.9
26	---	---	---	7.2	6.9	7.0	6.5	6.0	6.3	6.5	5.7	6.1
27	8.5	8.1	8.3	7.0	6.8	6.9	6.5	6.0	6.3	6.3	5.2	5.9
28	8.2	7.9	8.0	6.9	6.8	6.8	6.6	5.8	6.2	6.0	5.0	5.5
29	---	---	---	6.9	6.5	6.7	6.3	5.4	5.9	5.4	4.3	5.2
30	---	---	---	6.7	6.3	6.5	6.0	5.4	5.8	5.5	4.8	5.2
31	---	---	---	6.5	6.1	6.4	---	---	---	5.3	4.6	5.0
MONTH	8.5	7.9	8.2	8.7	6.1	7.5	6.6	5.2	5.9	6.6	4.3	5.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.1	4.3	4.7	5.2	4.2	4.8	3.9	2.6	3.5	6.0	5.5	5.8
2	4.9	4.4	4.7	5.5	4.3	4.9	4.1	2.9	3.5	6.0	5.2	5.7
3	5.3	4.3	4.8	5.2	4.4	4.8	5.0	3.5	4.2	5.6	4.8	5.3
4	5.5	4.6	5.0	5.3	4.3	4.8	4.7	3.8	4.5	5.2	3.9	4.8
5	5.4	4.6	5.0	5.1	4.1	4.6	4.8	4.3	4.5	4.9	4.0	4.5
6	5.5	4.6	5.1	4.5	3.5	4.2	4.7	3.9	4.4	4.5	4.0	4.2
7	5.1	4.3	4.8	4.5	3.7	4.1	4.8	3.2	4.1	4.2	3.7	4.0
8	5.0	4.3	4.8	4.5	3.6	4.1	5.1	3.7	4.4	4.1	3.6	3.8
9	5.0	4.4	4.8	4.4	3.6	4.1	5.1	3.9	4.6	4.2	3.5	3.8
10	5.8	4.9	5.3	4.6	3.7	4.2	4.9	4.1	4.5	4.3	3.6	3.9
11	5.7	4.8	5.3	4.6	3.4	4.1	5.1	3.8	4.6	4.1	2.7	3.6
12	5.6	4.9	5.2	4.3	3.5	3.9	5.2	3.5	4.7	4.4	2.7	3.5
13	5.5	4.7	5.2	4.6	3.5	4.2	5.0	3.9	4.6	4.5	3.2	4.0
14	5.6	4.7	5.2	4.6	3.7	4.3	4.8	4.1	4.5	4.7	3.9	4.3
15	5.6	4.6	5.2	4.3	3.5	4.0	5.7	3.9	4.7	4.8	4.0	4.5
16	6.0	4.8	5.3	4.4	3.5	3.9	5.0	4.7	4.9	4.8	3.9	4.4
17	5.5	4.7	5.1	4.3	3.3	3.8	4.8	3.7	4.3	5.7	4.4	5.0
18	6.0	4.8	5.5	4.3	3.4	3.9	4.8	3.3	4.1	5.5	4.6	5.1
19	6.2	5.5	5.9	4.3	3.4	4.0	4.8	3.6	4.4	5.2	4.3	4.7
20	6.4	5.2	5.9	4.4	3.5	4.1	5.2	4.0	4.7	4.8	4.0	4.5
21	6.8	5.5	6.2	4.4	3.6	4.1	4.9	3.7	4.5	4.8	4.0	4.4
22	6.8	5.8	6.4	4.3	3.5	4.0	5.2	4.0	4.6	5.2	4.4	4.7
23	6.7	5.7	6.3	4.1	3.5	3.8	5.0	3.7	4.4	5.0	4.4	4.7
24	6.7	5.1	6.0	4.3	3.5	3.9	4.2	3.1	3.8	5.0	4.3	4.6
25	6.2	5.2	5.7	4.5	3.3	3.9	4.7	3.8	4.3	5.0	4.1	4.6
26	6.6	5.3	5.9	4.4	3.6	4.0	4.0	3.1	3.7	5.1	4.1	4.6
27	6.1	4.7	5.6	4.7	3.9	4.3	4.0	2.7	3.4	4.9	3.9	4.6
28	5.7	4.6	5.3	4.7	3.7	4.3	4.9	3.3	4.0	5.1	4.2	4.7
29	5.6	4.5	5.1	4.7	3.6	4.3	4.9	3.9	4.6	5.1	4.1	4.7
30	5.4	4.5	5.0	4.4	3.7	4.1	5.7	4.3	5.2	4.9	3.9	4.4
31	---	---	---	4.2	3.1	3.9	6.2	5.4	5.8	---	---	---
MONTH	6.8	4.3	5.3	5.5	3.1	4.2	6.2	2.6	4.4	6.0	2.7	4.5
YEAR	8.7	2.6	5.4									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	136	102	124	150	130	143	120	100	108	110	70	91
2	144	99	121	160	130	146	140	110	119	90	80	85
3	125	103	114	160	130	149	130	100	109	90	60	75
4	137	118	129	160	130	149	110	100	106	80	70	73
5	139	118	128	160	130	145	110	100	106	80	70	73
6	127	110	117	150	120	136	110	90	99	80	70	72
7	116	105	110	150	120	136	100	90	93	80	60	70
8	109	91	97	150	120	131	100	80	93	80	60	68
9	105	86	92	140	120	129	100	80	92	80	60	71
10	93	82	87	140	120	126	100	90	95	80	60	71
11	90	75	84	140	120	129	130	90	109	100	70	80
12	91	74	83	140	120	130	120	100	114	80	70	73
13	90	77	82	140	120	133	130	90	103	80	60	70
14	94	81	86	150	120	136	100	90	95	80	60	69
15	91	79	88	150	130	140	100	80	88	90	70	76
16	96	83	89	150	130	141	100	80	90	90	70	81
17	92	87	89	150	120	138	90	80	89	110	79	92
18	97	84	90	140	120	132	100	80	90	99	79	88
19	101	87	93	140	120	129	100	80	91	99	79	88
20	103	84	93	160	120	138	100	80	92	89	79	85
21	102	89	95	140	110	123	100	80	90	99	78	85
22	108	86	98	130	110	116	90	80	86	108	78	92
23	120	98	108	120	110	116	100	80	86	88	68	80
24	120	110	115	130	90	108	120	80	99	78	68	74
25	130	110	118	110	100	105	120	80	92	108	68	79
26	150	110	123	120	100	108	100	80	86	88	67	83
27	140	120	129	110	100	105	90	70	84	77	67	74
28	140	110	126	110	100	104	90	80	84	77	67	72
29	140	110	128	110	100	104	90	70	83	77	67	72
30	150	120	131	110	90	105	90	80	86	77	66	68
31	150	120	138	---	---	---	90	80	83	76	66	67
MONTH	150	74	107	160	90	128	140	70	95	110	60	77
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	76	56	66	102	83	91	94	83	89	66	54	59
2	76	56	65	84	63	77	103	83	91	64	52	58
3	66	55	63	84	64	77	103	83	95	62	51	58
4	65	55	62	85	74	79	102	91	96	60	49	56
5	65	55	61	86	75	79	111	91	105	68	48	59
6	65	55	61	87	76	80	121	90	108	67	46	58
7	85	64	73	87	77	79	119	90	106	65	54	57
8	84	54	66	88	68	78	119	89	105	63	52	55
9	74	54	67	79	69	75	109	88	101	62	50	56
10	74	54	65	79	60	71	118	97	107	60	49	53
11	74	63	68	71	60	68	117	97	106	67	47	56
12	73	63	66	72	61	68	116	96	105	66	55	58
13	73	63	68	72	62	70	116	95	106	65	53	58
14	73	63	68	93	72	84	105	74	83	73	52	61
15	73	63	69	94	74	88	94	74	79	71	51	63
16	102	62	72	85	74	80	94	63	79	80	58	68
17	82	62	73	85	55	72	83	72	74	87	66	75
18	82	62	71	66	66	66	92	72	83	86	75	81
19	92	72	82	87	66	76	92	81	87	93	73	81
20	92	81	83	78	67	73	101	70	88	101	72	83
21	91	81	85	79	68	74	70	50	65	100	70	85
22	91	81	87	89	69	77	79	49	65	109	78	93
23	101	81	92	90	70	76	88	59	70	108	86	99
24	101	90	97	90	59	72	78	68	73	144	106	124
25	100	90	95	89	68	74	87	67	74	154	123	139
26	100	90	93	78	68	74	86	56	73	142	101	129
27	101	71	88	87	67	75	76	56	70	140	110	119
28	102	81	91	87	76	79	79	60	69	140	100	118
29	---	---	---	86	76	82	69	58	67	130	99	114
30	---	---	---	95	75	79	67	56	61	129	99	117
31	---	---	---	95	84	89	---	---	---	129	109	117
MONTH	102	54	75	102	55	77	121	49	86	154	46	81

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	129	108	117	140	110	121	160	130	145	---	---	---
2	128	108	116	130	110	121	160	130	144	---	---	---
3	138	118	123	130	120	122	150	120	137	---	---	---
4	138	118	126	130	120	123	150	120	134	---	---	---
5	138	117	129	130	120	125	180	130	145	---	---	---
6	137	107	126	130	120	124	189	139	158	---	---	---
7	137	107	120	130	120	126	189	139	167	---	---	---
8	127	107	119	140	120	127	208	138	170	---	---	---
9	126	106	117	140	120	127	198	148	170	---	---	---
10	146	106	125	140	110	125	188	137	160	---	---	---
11	166	126	140	140	110	123	177	147	159	100	100	100
12	156	115	136	130	110	123	186	146	162	100	100	100
13	155	125	134	140	110	124	176	136	153	100	100	100
14	145	115	129	130	100	116	155	125	141	100	100	100
15	145	115	130	120	100	112	145	124	136	---	---	---
16	145	124	131	120	100	110	134	114	124	---	---	---
17	144	124	134	120	100	111	134	113	125	---	---	---
18	154	124	138	120	100	111	133	113	124	---	---	---
19	154	123	141	120	110	114	132	112	124	---	---	---
20	153	123	136	130	110	120	142	122	129	---	---	---
21	143	113	124	140	110	123	161	131	139	---	---	---
22	133	113	124	140	120	128	160	131	144	---	---	---
23	142	112	124	150	120	133	160	130	142	---	---	---
24	142	122	127	150	130	135	---	---	---	---	---	---
25	152	132	140	150	120	133	---	---	---	---	---	---
26	152	122	142	150	120	132	---	---	---	---	---	---
27	141	121	129	140	120	129	---	---	---	---	---	---
28	141	111	123	150	120	131	---	---	---	---	---	---
29	131	111	121	150	130	140	---	---	---	106	82	92
30	131	110	119	160	140	147	---	---	---	116	72	89
31	---	---	---	160	140	150	---	---	---	---	---	---
MONTH	166	106	128	160	100	125	208	112	145	116	72	97
YEAR	208	46	101									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	27.5	28.0	29.5	29.0	29.5	32.0	31.0	31.5	---	---	---
2	29.0	27.5	28.5	29.5	29.0	29.0	32.0	31.0	31.5	---	---	---
3	30.0	28.0	29.0	29.5	28.5	29.0	32.0	31.0	31.5	---	---	---
4	29.0	28.0	28.5	30.0	28.5	29.5	32.5	31.5	32.0	---	---	---
5	28.5	27.5	28.0	30.5	29.0	30.0	32.5	31.5	32.0	---	---	---
6	29.0	27.5	28.0	31.5	30.0	30.5	32.5	31.5	32.0	---	---	---
7	29.0	27.5	28.5	32.0	30.5	31.0	32.0	31.0	31.5	---	---	---
8	29.5	28.0	29.0	32.5	31.0	31.5	32.5	31.0	31.5	---	---	---
9	29.5	28.0	29.0	32.5	31.5	32.0	32.5	31.5	32.0	---	---	---
10	29.5	28.0	28.5	33.0	31.5	32.5	32.5	31.5	32.0	---	---	---
11	28.5	27.5	28.0	33.0	32.0	32.5	32.0	31.0	31.5	27.0	26.5	27.0
12	29.0	27.5	28.0	33.0	31.5	32.0	31.5	30.0	31.0	27.0	26.5	26.5
13	29.0	28.0	28.5	32.5	31.0	31.5	30.5	29.5	30.0	27.0	26.0	27.0
14	28.5	27.5	28.0	32.0	30.5	31.5	29.5	29.0	29.5	28.0	26.5	27.0
15	28.5	27.5	28.0	31.0	30.5	31.0	29.5	28.5	29.0	27.5	26.5	27.0
16	29.5	28.0	28.5	31.0	30.0	30.5	30.5	28.5	29.5	27.5	26.5	27.0
17	30.5	28.5	29.5	31.0	30.0	30.0	30.5	29.0	30.0	27.0	26.0	26.5
18	30.0	29.5	29.5	30.5	29.0	30.0	31.0	29.5	30.5	27.5	26.0	27.0
19	30.0	29.0	29.5	30.0	29.0	29.5	31.5	30.5	31.0	27.5	26.5	27.0
20	29.5	29.0	29.5	30.5	29.0	30.0	31.5	30.5	31.0	28.0	27.0	27.5
21	30.0	29.0	29.5	31.0	29.5	30.5	31.5	30.5	31.0	27.5	26.5	27.0
22	30.0	29.0	29.5	31.5	30.0	31.0	31.5	30.5	31.0	27.5	27.0	27.0
23	30.0	29.0	29.5	32.5	31.0	31.5	31.5	30.0	30.5	27.0	26.5	26.5
24	30.0	28.5	29.5	32.0	31.0	31.5	31.0	31.0	31.0	26.5	25.5	26.0
25	29.0	28.5	29.0	32.0	31.0	31.5	---	---	---	26.0	25.0	25.5
26	29.0	27.5	28.5	32.5	31.0	32.0	---	---	---	26.0	24.5	25.0
27	28.5	27.5	28.0	32.0	31.0	31.5	---	---	---	25.5	24.5	25.0
28	29.5	27.5	28.5	32.0	30.5	31.5	---	---	---	25.5	24.5	25.0
29	30.0	28.0	29.0	32.0	31.0	31.5	---	---	---	25.5	24.5	25.0
30	30.0	29.0	29.5	31.5	30.5	31.0	---	---	---	25.0	24.0	24.5
31	---	---	---	32.0	30.5	31.5	---	---	---	---	---	---
MONTH	30.5	27.5	29.0	33.0	28.5	31.0	32.5	28.5	31.0	28.0	24.0	26.5
YEAR	33.0	6.0	19.5									

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

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.1	4.5	4.9	---	---	---	---	---	---	---	---	---
2	5.2	4.6	5.0	4.7	3.9	4.2	---	---	---	---	---	---
3	5.4	4.5	5.0	4.7	4.1	4.4	---	---	---	---	---	---
4	5.5	4.2	4.9	4.9	4.1	4.5	---	---	---	---	---	---
5	4.9	4.4	4.5	5.0	4.4	4.7	5.2	4.7	4.8	---	---	---
6	---	---	---	4.7	4.2	4.5	5.1	4.6	4.9	---	---	---
7	---	---	---	4.7	4.1	4.4	5.1	4.6	4.9	---	---	---
8	---	---	---	4.6	4.0	4.3	5.9	4.3	4.9	---	---	---
9	---	---	---	4.5	3.9	4.1	5.8	4.1	4.9	---	---	---
10	---	---	---	4.5	3.9	4.2	5.6	3.9	4.6	---	---	---
11	---	---	---	4.6	4.0	4.3	---	---	---	3.6	3.2	3.4
12	---	---	---	4.8	4.1	4.5	5.3	4.3	4.7	3.6	3.0	3.3
13	---	---	---	5.0	4.1	4.6	5.3	4.3	4.8	3.5	2.9	3.2
14	---	---	---	5.1	4.0	4.5	5.3	4.4	4.8	3.8	2.9	3.2
15	---	---	---	4.9	4.1	4.5	5.2	4.2	4.7	3.6	2.9	3.3
16	---	---	---	5.0	4.3	4.7	4.8	3.8	4.4	3.4	2.5	3.0
17	---	---	---	---	---	---	5.0	3.9	4.3	3.8	3.0	3.3
18	---	---	---	---	---	---	4.4	3.9	4.2	3.4	2.5	3.0
19	---	---	---	---	---	---	4.5	3.6	4.1	3.2	2.7	2.9
20	---	---	---	---	---	---	---	3.6	4.0	3.3	2.8	3.0
21	---	---	---	---	---	---	4.4	3.2	3.8	3.2	2.5	3.0
22	---	---	---	---	---	---	4.4	3.3	3.8	3.1	2.5	2.9
23	---	---	---	---	---	---	4.6	3.8	4.2	3.2	2.6	3.0
24	---	---	---	---	---	---	---	---	---	3.2	2.6	3.0
25	---	---	---	---	---	---	---	---	---	3.0	2.6	2.8
26	---	---	---	---	---	---	---	---	---	3.1	2.6	2.9
27	---	---	---	---	---	---	---	---	---	3.6	2.8	3.1
28	---	---	---	---	---	---	---	---	---	4.1	3.1	3.6
29	---	---	---	---	---	---	---	---	---	3.5	2.9	3.2
30	---	---	---	---	---	---	---	---	---	3.8	3.0	3.4
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	5.5	4.2	4.9	5.1	3.9	4.4	5.9	3.2	4.5	4.1	2.5	3.1
YEAR	11.0	2.5	6.6									

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 September 1987.

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

REMARKS.--Values greater than 10,000 microsiemens are not recordable, therefore, most mean values for days that exceed 10,000 microsiemens were deleted.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, greater than 10,000 microsiemens many days in 1987; minimum recorded, 70 microsiemens, several days in September 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, greater that 10,000 microsiemens many days; minimum 70, microsiemens several days in September.

SPECIFIC CONDUCTANCE (MICROSCIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							---	---	---	130	90	101
2							---	---	---	130	90	102
3							---	---	---	140	90	103
4							---	---	---	130	90	104
5							---	---	---	140	100	109
6							---	---	---	110	90	102
7							---	---	---	120	100	101
8							---	---	---	130	100	107
9							---	---	---	140	100	109
10							---	---	---	140	100	109
11							---	---	---	130	100	112
12							---	---	---	200	100	120
13							---	---	---	440	100	143
14							---	---	---	880	110	178
15							---	---	---	750	110	161
16							140	100	116	1080	120	179
17							140	90	103	1350	120	289
18							130	90	100	570	120	162
19							160	90	106	310	120	148
20							130	100	108	450	120	180
21							150	100	112	2220	140	478
22							130	100	111	970	140	324
23							150	100	114	990	140	255
24							130	100	115	1360	140	285
25							140	100	114	2560	140	441
26							140	100	113	5260	150	781
27							130	100	115	>10000	160	---
28							120	100	110	4120	160	698
29							130	90	105	3650	160	484
30							110	90	101	2400	160	427
31							---	---	---	2260	160	376
MONTH							160	90	110	>10000	90	242

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

SPECIFIC CONDUCTANCE (MICROSCIEMENS/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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2940	150	406	300	150	178	6570	190	1210	1260	180	290
2	1930	150	303	230	150	177	>10000	190	---	2600	160	482
3	2050	160	418	220	150	177	>10000	190	---	3310	150	546
4	6900	160	930	310	150	185	>10000	190	---	6360	150	1030
5	3330	170	730	830	150	223	>10000	190	---	310	140	194
6	4380	170	798	2400	150	414	>10000	230	---	340	120	165
7	2830	160	486	3990	160	642	>10000	300	---	320	120	165
8	3540	160	566	4930	160	765	>10000	380	---	180	110	137
9	4050	150	746	5050	160	841	>10000	380	---	150	100	126
10	>10000	160	---	7370	160	1110	>10000	260	---	140	90	110
11	>10000	270	---	>10000	160	---	>10000	320	---	120	80	100
12	>10000	220	---	6240	170	933	>10000	390	---	190	80	91
13	>10000	180	---	3580	150	589	>10000	230	---	90	70	81
14	>10000	180	---	3110	150	414	2230	180	472	110	80	85
15	>10000	180	---	550	140	230	1070	160	274	100	70	85
16	>10000	180	---	540	140	224	2470	160	406	180	80	94
17	>10000	190	---	1020	130	265	5190	160	737	110	80	87
18	>10000	190	2110	490	130	199	6510	160	894	100	70	82
19	6710	190	1330	940	130	226	7980	170	1080	120	80	88
20	2270	190	439	3510	140	486	7640	170	1160	120	80	91
21	2440	180	440	6230	140	899	>10000	180	---	160	70	93
22	3580	170	601	>10000	150	---	5520	180	852	160	70	91
23	6170	180	964	6670	170	784	5460	170	830	130	80	90
24	5230	170	840	4360	170	677	>10000	200	---	160	70	89
25	7440	170	1180	6940	180	1100	5850	200	1340	90	70	82
26	2190	170	430	3330	170	547	1420	190	503	100	80	86
27	1880	160	326	2490	170	417	1510	190	442	110	80	92
28	1130	170	303	5090	170	708	1270	190	409	150	80	94
29	660	170	246	>10000	190	---	5330	190	818	140	80	96
30	620	150	211	>10000	210	---	5890	190	1040	330	90	114
31	---	---	---	>10000	200	---	7510	190	1150	---	---	---
MONTH	>10000	150	673	>10000	130	516	>10000	160	801	6360	70	169
YEAR	>10000	70	399									

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 DAILY 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, 8.0 units, Jun. 25, 26, Jul. 3, 1986, Jan 1, 1987; minimum, 5.2 units, Aug. 27, 28, Sept. 11, 1986.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 21, 1986, Jul. 21, 1987; minimum, 6.0°C, Jan. 29, 30, 1987.
DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Feb. 28, 1987; minimum, 2.6 mg/L, Sept. 15, 18, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 51,800 microsiemens, Jun. 21; minimum recorded, 100 microsiemens, several days in Aug., Sept.
pH: Maximum recorded, 8.0 units, Jun. 25, 26, Jul. 3; minimum recorded, 5.2 units, Aug. 27, 28, Sept. 11.
WATER TEMPERATURE: Maximum recorded, 33.0°C, Jul. 21; minimum recorded, 16.5°C, Apr. 24, 25.
DISSOLVED OXYGEN: Maximum recorded, 6.8 mg/L, Jun. 24; minimum recorded, 3.4 mg/L, Sept. 10.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 52,500 microsiemens, Aug. 8, minimum, less than 100 microsiemens, many days.
pH: Maximum, 8.0 units, Jan. 1; minimum , 6.0 units, Oct. 1, 6, 7.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 11; minimum, 6.0°C, Jan. 29, 30.
DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Feb. 28, minimum, 2.6 mg/L , Sept. 15, 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1							---	---	---	29500	1000	13000
2							---	---	---	20600	1300	10900
3							---	---	---	31100	2200	15500
4							---	---	---	24100	1600	13900
5							---	---	---	22300	1100	10300
6							---	---	---	21400	400	8400
7							---	---	---	32000	400	10800
8							---	---	---	25200	3800	17800
9							---	---	---	42000	17700	29500
10							---	---	---	38900	5700	24600
11							---	---	---	35100	2500	18000
12							---	---	---	35300	1500	14800
13							---	---	---	35100	8100	20200
14							18600	900	8700	35600	5400	18600
15							22700	800	8100	31600	4200	16100
16							14800	700	5900	29500	2000	14000
17							16200	1000	7700	26200	2100	13600
18							21100	1600	11200	28400	3100	16300
19							32100	3900	16700	33600	4900	19300
20							26500	3400	14600	38500	5800	21800
21							27400	1800	12900	42000	4900	23700
22							31600	1200	12700	45800	4300	24700
23							37700	1300	14700	47300	5500	26500
24							42600	1400	18400	47100	2100	24800
25							45300	2700	22900	47600	6300	26700
26							46400	5800	26900	46100	5500	25600
27							45300	7900	26500	46400	4900	24000
28							45400	2600	22800	43700	1600	18600
29							41200	1300	16800	32700	1500	14000
30							32600	1900	16200	33400	2500	17200
31							---	---	---	28000	1200	12200
MONTH							46400	700	15500	47600	400	18200

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18800	900	8500	30000	600	12500	30300	700	13300	15400	200	3700
2	20800	800	7900	26100	400	11000	31100	900	13600	9500	100	2700
3	35700	1300	14000	35800	500	13200	26100	700	12200	18600	200	3900
4	28700	1600	15100	37400	5000	20900	30400	1100	12200	22500	300	6000
5	29800	1000	11400	26000	500	12600	32700	2600	15400	20400	500	6700
6	29400	1000	11400	22600	200	6900	32700	2300	16300	18300	600	6700
7	29600	700	10500	25300	200	6300	26700	100	12100	20100	500	6100
8	28500	700	9200	28100	400	7900	24900	100	9700	16300	300	4300
9	33800	1000	10800	27100	400	9400	29600	100	11200	17000	300	3900
10	33200	4500	17400	31600	800	10700	31200	200	14600	14000	300	3200
11	27500	1100	13100	26100	600	11700	32300	200	15000	15200	100	3700
12	27000	900	9500	25300	400	8100	32400	1100	17600	19000	100	4400
13	26600	1100	9900	14500	300	5600	30200	1300	15600	27900	300	8800
14	25000	1600	12900	16400	200	6100	33700	1400	16800	33200	500	12300
15	31900	2700	16400	24200	300	10300	38600	1300	18900	36200	800	14000
16	24700	1200	13100	29900	400	11100	41100	1000	16200	37600	1000	16100
17	28400	900	11000	31600	300	10900	29000	300	8200	41700	5900	25600
18	42400	1500	18900	38600	300	13400	36600	300	12100	33900	2200	20700
19	44800	5400	26300	45200	800	19100	41000	1100	18500	28900	1000	12500
20	47000	2400	24500	49300	5200	26300	29800	1100	13500	22300	700	9400
21	51800	3200	24500	45600	5900	28700	17100	300	6300	27100	800	11200
22	39100	2200	20800	46900	1600	23100	9400	200	3300	30600	1600	14500
23	38000	1500	18600	41700	1600	21500	11300	200	3000	32200	2500	15800
24	38200	1100	14800	38800	3800	21800	7000	200	2100	22000	800	9400
25	32800	1100	13300	39000	6500	21700	9800	300	2300	18000	400	6500
26	42100	6300	22700	32500	1200	15600	4700	200	1100	25100	700	10000
27	34300	700	13700	24700	800	11800	5300	100	1200	28000	800	12800
28	22200	500	7900	28100	1100	12600	7500	100	1900	34100	5600	19800
29	18700	400	7600	26300	900	13100	14200	300	4100	32600	6900	21500
30	25100	200	8600	30200	800	14100	16900	300	5500	28900	1700	15400
31	---	---	---	30100	1200	15000	10200	200	2600	---	---	---
MONTH	51800	200	14100	49300	200	14000	41100	100	10200	41700	100	10400
YEAR	51800	100	13600									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	7.1	6.9	7.9	7.7	6.5	6.2	6.0	5.4
2	---	---	---	---	7.1	6.9	7.9	7.6	6.4	6.2	5.9	5.4
3	---	---	---	---	7.2	6.9	8.0	7.6	6.4	6.2	5.9	5.4
4	---	---	---	---	7.2	7.1	7.9	7.6	6.4	6.2	6.0	5.5
5	---	---	---	---	7.2	7.0	7.8	7.4	6.3	6.1	6.0	5.6
6	---	---	---	---	7.2	7.0	7.7	7.4	6.2	6.0	6.0	5.5
7	---	---	---	---	7.2	7.0	7.6	7.2	6.3	6.0	6.0	5.5
8	---	---	---	---	7.3	7.0	7.6	7.1	6.3	6.1	5.9	5.4
9	---	---	7.7	7.5	7.3	7.1	7.5	7.1	6.4	6.1	5.9	5.3
10	---	---	7.7	7.6	7.4	7.1	7.5	7.1	6.4	6.1	5.9	5.3
11	---	---	7.7	7.5	7.3	7.1	7.5	7.1	6.4	6.1	5.9	5.2
12	---	---	7.8	7.6	7.3	7.2	7.3	7.0	6.4	6.1	5.9	5.3
13	---	---	7.8	7.6	7.3	7.2	7.2	6.9	6.3	6.1	6.1	5.4
14	6.9	6.5	7.8	7.6	7.3	7.2	7.2	6.8	6.4	6.1	6.2	5.6
15	7.1	6.6	7.8	7.6	7.4	7.2	7.3	6.8	6.4	6.1	6.3	5.7
16	6.9	6.6	7.8	7.6	7.5	7.2	7.2	6.7	6.4	6.1	6.3	5.8
17	7.0	6.6	7.7	7.6	7.6	7.2	7.2	6.7	6.3	6.0	6.4	5.9
18	7.1	6.7	7.7	7.6	7.7	7.2	7.3	6.7	6.5	5.9	6.3	5.9
19	7.2	6.8	7.8	7.6	7.6	7.3	7.4	6.7	6.5	6.0	6.1	5.9
20	7.1	6.8	7.7	7.6	7.8	7.2	7.4	6.7	6.4	6.0	6.1	5.9
21	7.1	6.8	7.7	7.5	7.7	7.1	7.1	6.6	6.2	5.8	6.2	5.9
22	7.2	6.8	7.7	7.5	7.6	7.1	7.1	6.6	6.2	5.8	6.3	5.9
23	7.1	6.8	7.7	7.4	7.8	7.2	7.0	6.6	6.2	5.6	6.3	5.9
24	---	---	7.7	7.4	7.9	7.2	6.9	6.5	6.0	5.6	6.2	5.9
25	---	---	7.6	7.4	8.0	7.3	6.9	6.4	5.9	5.6	6.1	5.8
26	---	---	7.6	7.3	8.0	7.6	6.7	6.4	5.8	5.3	6.2	5.8
27	---	---	7.5	7.2	7.9	7.7	6.6	6.4	5.7	5.2	6.3	5.8
28	---	---	7.4	7.2	7.9	7.7	6.6	6.4	5.7	5.2	6.3	5.9
29	---	---	7.3	7.2	7.9	7.7	6.6	6.4	5.9	5.4	6.3	6.0
30	---	---	7.3	7.1	7.9	7.7	6.6	6.3	6.1	5.4	6.2	6.0
31	---	---	7.2	7.0	---	---	6.5	6.3	5.9	5.4	---	---
MONTH	---	---	---	---	8.0	6.9	8.0	6.3	6.5	5.2	6.4	5.2

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	26.5	27.5	30.0	29.0	29.5	31.5	30.5	31.0	23.0	22.0	22.5
2	28.5	27.0	27.5	30.0	29.0	29.5	31.5	30.5	31.0	23.5	22.5	23.0
3	27.5	26.0	27.0	30.0	29.0	29.5	31.5	30.0	31.0	24.0	23.0	23.5
4	27.5	25.5	26.5	30.0	29.0	29.5	30.5	29.0	30.0	25.0	23.5	24.5
5	28.0	26.0	27.0	30.0	29.0	29.5	30.0	28.5	29.5	24.5	24.0	24.5
6	27.5	26.5	27.0	31.0	29.5	30.0	30.5	28.5	29.5	24.5	23.5	24.0
7	28.0	26.5	27.5	31.5	29.5	30.5	30.5	29.0	30.0	25.0	23.5	24.5
8	29.0	27.0	28.0	32.0	30.0	30.5	30.5	29.5	30.0	25.5	24.0	24.5
9	29.5	28.0	28.5	32.0	30.5	31.0	31.5	29.0	30.0	25.0	24.0	24.5
10	29.5	28.0	28.5	32.0	30.0	31.0	31.0	29.5	30.0	25.5	23.5	24.5
11	29.0	28.0	28.5	32.0	30.0	31.0	31.0	29.5	30.0	26.5	24.5	25.5
12	30.0	28.0	29.0	32.0	30.0	31.0	30.0	29.0	29.5	26.5	25.0	26.0
13	30.5	28.5	29.0	32.0	30.0	31.0	29.5	28.0	29.0	27.0	25.0	26.0
14	29.5	28.5	29.0	32.0	30.0	31.0	29.0	27.5	28.5	26.5	25.0	26.0
15	29.0	28.5	28.5	31.5	30.5	31.0	28.5	27.5	28.0	26.0	25.5	26.0
16	28.5	28.0	28.0	31.5	30.5	31.0	28.0	27.0	27.5	26.5	25.5	26.0
17	29.0	27.5	28.5	31.5	30.0	31.0	29.0	27.5	28.5	26.0	24.5	25.5
18	28.5	27.0	28.0	32.0	30.5	31.0	29.5	28.0	28.5	25.5	24.0	25.0
19	28.5	26.5	27.5	32.5	30.0	31.5	29.0	27.5	28.5	26.0	24.5	25.0
20	29.0	27.0	28.0	32.5	30.5	31.5	28.5	27.5	28.0	26.0	25.0	25.5
21	29.0	26.5	28.0	33.0	30.5	32.0	29.0	27.5	28.5	27.0	25.0	26.0
22	28.5	26.5	27.5	32.5	31.0	31.5	29.5	27.5	28.5	26.5	25.0	26.0
23	28.5	27.0	27.5	32.5	31.0	31.5	28.5	27.0	27.5	27.0	25.0	26.0
24	29.0	27.0	27.5	32.5	31.0	31.5	28.5	27.0	28.0	27.0	25.5	26.0
25	29.0	27.0	28.0	32.0	31.0	31.5	28.5	27.5	28.0	27.5	26.0	26.5
26	29.0	27.5	28.0	31.0	30.5	31.0	29.0	27.0	28.0	28.0	26.5	27.0
27	29.0	27.5	28.5	31.5	30.0	30.5	28.5	27.5	28.0	28.0	26.5	27.5
28	29.5	28.0	28.5	31.0	30.0	30.5	28.5	26.5	27.5	28.0	27.0	27.5
29	29.5	28.0	29.0	31.0	30.0	30.5	26.5	24.5	25.5	28.0	27.0	27.5
30	30.0	28.5	29.5	31.0	29.5	30.5	24.5	23.0	24.0	28.5	27.0	28.0
31	---	---	---	31.5	30.0	31.0	23.5	22.5	23.0	---	---	---
MONTH	30.5	25.5	28.0	33.0	29.0	31.0	31.5	22.5	28.5	28.5	22.0	25.5
YEAR	33.0	16.5	26.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	6.1	5.7	6.0
2							---	---	---	6.1	5.7	5.9
3							---	---	---	6.3	5.4	6.0
4							---	---	---	6.4	5.4	6.0
5							---	---	---	6.3	5.8	6.0
6							---	---	---	6.4	5.8	6.0
7							---	---	---	6.4	5.7	6.0
8							---	---	---	6.5	5.8	6.0
9							---	---	---	---	---	---
10							---	---	---	---	---	---
11							---	---	---	---	---	---
12							---	---	---	---	---	---
13							---	---	---	5.8	5.1	5.5
14							6.2	5.3	6.0	5.8	5.1	5.5
15							6.1	5.4	5.7	5.8	5.1	5.5
16							6.1	5.4	5.7	6.0	5.3	5.6
17							5.9	5.4	5.7	6.0	5.4	5.7
18							6.1	5.4	5.8	6.1	5.4	5.8
19							6.1	5.7	5.9	6.2	5.7	5.9
20							6.3	5.7	6.0	6.3	5.7	5.9
21							6.3	5.7	6.0	6.3	5.9	6.0
22							6.2	5.7	5.9	6.0	5.5	5.8
23							6.3	5.5	5.9	6.2	5.4	5.8
24							6.3	5.7	6.0	6.1	5.4	5.8
25							6.4	5.7	6.1	6.1	5.5	5.8
26							6.4	5.7	6.1	5.9	5.5	5.7
27							6.5	5.8	6.1	5.9	5.3	5.7
28							6.4	5.8	6.1	5.9	5.3	5.6
29							6.3	5.6	6.0	5.8	5.3	5.5
30							6.2	5.4	5.9	5.7	5.2	5.5
31							---	---	---	5.7	5.2	5.4
MONTH							6.5	5.3	5.9	6.5	5.1	5.8

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

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23300	2900	19600	42200	10700	25900	38900	500	14600	48700	200	17300
2	---	---	---	40900	4500	21400	39400	1000	12800	11300	200	1700
3	---	---	---	45300	1200	22200	16100	200	2700	10000	100	1500
4	---	---	---	45600	3500	23200	26600	100	4700	7900	100	1300
5	---	---	---	39300	1200	16600	24400	200	4200	3600	100	900
6	47700	24500	41800	34800	600	13100	13200	200	2600	2000	100	400
7	48100	16500	34800	33700	800	14300	5600	100	1500	3100	100	400
8	42200	4500	25300	28400	800	11800	5700	100	1400	800	100	300
9	23400	500	8500	20600	600	8100	5800	200	1800	1300	100	300
10	22300	300	6600	25000	600	8700	8300	200	2300	3000	100	400
11	26500	800	10000	25800	1400	12300	11800	200	3200	200	100	100
12	29700	700	11800	24700	800	10300	10900	200	2400	1500	100	300
13	31600	1100	14600	26300	1200	11600	2900	100	800	6800	100	800
14	24100	500	9800	34200	1000	14900	17700	200	3300	2700	100	400
15	24900	400	6900	33200	1500	12400	9500	200	1700	2900	100	400
16	24900	700	10600	22300	400	6800	10100	100	1600	3800	100	600
17	26200	800	9400	30400	400	9800	11100	100	2100	4400	100	600
18	25700	600	9000	30400	500	11400	13500	100	2000	1600	100	300
19	25100	400	8500	19500	400	7600	14400	100	2200	700	100	200
20	28900	700	11000	35000	1000	12400	20700	200	4900	600	100	200
21	26500	700	11200	12000	200	2400	17800	200	4200	1100	100	300
22	26800	700	11000	18400	300	4500	9300	200	2200	4400	100	500
23	24900	600	9500	14000	300	4400	9700	300	2300	200	100	100
24	23100	500	8600	6000	200	1700	6900	100	1600	200	100	100
25	27900	3300	14500	11400	300	3200	2600	100	400	1900	100	300
26	28200	4300	16500	13400	300	4300	4400	100	800	500	100	200
27	21200	800	10100	6800	200	2400	16100	100	3000	4000	100	400
28	19100	500	7900	18700	200	5500	17200	200	2700	2800	100	400
29	25500	900	11400	23900	300	6100	24400	100	4100	3200	100	400
30	29400	2000	15300	31100	300	9600	27600	200	4200	300	100	100
31	37500	2900	22400	---	---	---	24300	100	5200	100	100	100
MONTH	48100	300	13900	45600	200	10600	39400	100	3340	48700	100	1010
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	100	100	---	400	100	200	1200	100	200	300	100	100
2	100	100	---	200	100	100	800	100	200	400	100	---
3	100	100	---	200	100	---	600	100	200	200	100	100
4	100	100	---	200	100	100	600	100	200	400	100	100
5	100	100	---	200	100	100	400	100	200	200	100	100
6	100	100	---	100	100	100	3500	100	700	4700	100	600
7	100	100	---	100	100	---	4500	200	1100	1600	100	200
8	100	100	---	200	100	---	2500	100	700	600	100	200
9	100	100	---	100	100	---	3800	100	1100	1800	100	300
10	100	100	---	100	100	---	3900	100	1200	700	100	200
11	100	100	100	100	100	---	1500	100	500	4800	100	600
12	100	100	100	100	100	---	700	100	300	13800	100	1800
13	300	100	---	100	100	---	9300	100	1200	18400	100	2400
14	400	100	200	100	100	---	13100	200	2300	22800	100	3500
15	700	100	200	100	100	---	3800	100	1200	17500	100	3200
16	2600	100	400	100	100	---	500	100	200	27700	100	3300
17	400	100	100	100	100	---	700	100	100	25900	200	5100
18	400	100	---	100	100	---	1700	100	200	15200	200	2800
19	400	100	100	100	100	---	2800	100	300	9700	200	2500
20	400	100	200	100	100	---	2400	100	300	11100	300	4100
21	2500	100	400	100	100	---	3200	100	400	21800	700	9200
22	4300	100	700	100	100	---	3900	100	800	18600	600	7900
23	1000	100	200	100	100	---	3600	100	800	17300	200	5100
24	4700	100	700	200	100	---	2900	100	600	19000	300	4800
25	7200	100	1200	200	100	---	1800	100	400	25000	200	6100
26	9400	100	1700	200	100	---	8200	100	1100	29600	400	8500
27	13700	100	2700	600	100	---	11200	100	1800	31900	1200	11600
28	11300	100	1700	600	100	200	3500	100	700	26000	600	9400
29	---	---	---	2300	100	400	600	100	200	25100	400	7400
30	---	---	---	2200	100	500	300	100	100	21300	500	7000
31	---	---	---	400	100	200	---	---	---	19000	400	6000
MONTH	13700	100	669	2300	100	211	13100	100	643	31900	100	3810

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21100	400	5900	10900	200	2600	25500	1100	12300	18700	300	5600
2	18100	400	5800	9100	200	2500	30700	1000	14100	25300	400	6900
3	18000	800	7800	6900	200	2300	29000	600	11800	26400	400	8000
4	20900	1000	10600	10300	200	3200	32400	600	13200	35400	400	11600
5	22500	1100	11400	14700	200	4100	43000	1300	18900	22200	200	6200
6	23600	900	11400	22500	300	6100	46100	2300	23900	22400	200	4000
7	23400	400	8200	27800	300	8200	49800	7000	30100	22000	200	4900
8	24900	400	7700	30800	300	9100	52500	8600	32700	11300	200	2400
9	28800	300	8200	34400	300	9500	50600	7900	33000	6200	100	1800
10	42100	500	13500	38100	300	11100	47600	3000	26700	2600	100	800
11	44200	7300	27000	38100	400	12800	49700	8100	28000	1200	100	300
12	43700	2900	24000	34700	600	13000	45300	13100	31100	700	100	200
13	39400	900	17400	33200	400	10500	40700	4700	22000	500	100	200
14	32000	800	14200	20800	300	7200	28700	900	11300	1900	100	300
15	34100	1600	13700	19800	400	6000	22100	400	7600	3700	100	500
16	33100	2000	15000	20000	300	6000	22100	400	7400	1800	100	400
17	31800	2500	16100	20500	400	6500	26600	500	8600	400	100	200
18	30400	2300	16400	16500	300	5100	23300	500	9200	1700	100	300
19	27200	1400	14000	17600	200	5000	27000	700	11500	2500	100	400
20	20700	500	8300	22900	300	6900	30300	1000	12800	5200	100	900
21	20900	400	6600	25900	400	8400	32500	900	13500	4100	100	1000
22	24500	400	7500	30700	700	11200	28400	1000	12300	1700	100	300
23	29400	600	9800	32200	1300	14600	27600	400	9100	1200	100	400
24	27500	500	9000	31900	1000	14200	33500	4000	17900	3100	100	600
25	29300	1300	12700	28900	900	12300	28000	2000	15800	2500	100	500
26	23300	400	8600	24200	500	9200	20400	700	10200	5800	100	1000
27	23100	400	5700	21100	400	6900	21000	800	9300	6800	100	1400
28	19100	600	6300	27600	800	10100	19700	700	8500	6100	100	1300
29	17200	400	4800	29800	2600	15900	26600	700	10800	7400	100	1400
30	14300	300	3700	27700	5600	17800	27200	1200	12100	9900	200	2300
31	---	---	---	27800	2900	14500	25400	1000	11600	---	---	---
MONTH	44200	300	11000	38100	200	8800	52500	400	16000	35400	100	2200
YEAR	52500	100	6580									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	27.0	27.5	29.0	28.0	28.5	31.0	30.0	30.5	29.5	29.0	29.5
2	28.5	27.0	27.5	29.5	28.5	28.5	31.5	30.0	30.5	29.5	29.0	29.0
3	29.5	27.0	28.0	29.0	28.5	28.5	31.5	30.0	31.0	29.0	28.5	29.0
4	28.0	27.0	27.5	30.0	28.0	29.0	31.5	30.5	31.0	28.5	26.5	27.5
5	27.5	26.5	27.0	30.0	28.5	29.0	31.5	30.5	31.0	27.0	26.5	26.5
6	28.0	26.0	27.0	30.5	29.0	30.0	31.5	30.5	31.0	28.0	26.5	27.0
7	28.0	26.5	27.5	31.0	29.5	30.5	31.5	30.5	31.0	28.0	27.0	27.5
8	28.0	27.0	27.5	31.5	30.0	31.0	31.5	30.0	31.0	28.5	27.0	27.5
9	28.5	27.0	27.5	32.5	30.5	31.5	32.0	30.5	31.0	29.5	27.5	28.0
10	28.0	25.5	27.0	32.5	30.5	31.5	32.0	30.5	31.0	28.5	27.0	28.0
11	27.0	24.5	26.0	33.0	30.5	31.5	31.0	30.0	30.5	28.0	26.5	27.0
12	27.5	25.0	26.5	32.5	30.5	31.5	30.5	29.5	30.0	26.5	25.5	26.0
13	27.5	26.0	27.0	32.5	30.5	31.5	30.0	29.0	29.5	27.0	26.0	26.5
14	27.0	26.0	26.5	32.0	31.0	31.5	29.5	28.5	29.0	26.5	23.5	25.5
15	28.0	26.0	27.0	31.0	30.5	31.0	29.5	28.5	29.0	26.0	23.5	24.5
16	28.5	26.5	27.5	31.0	30.0	30.5	30.5	28.5	29.5	26.5	24.0	25.5
17	29.0	27.0	28.0	30.5	29.5	30.0	30.5	29.0	30.0	26.5	26.0	26.5
18	29.0	28.0	28.5	30.0	29.0	29.5	31.5	29.5	30.5	26.5	25.0	26.0
19	29.0	28.0	28.5	30.0	28.5	29.5	31.5	30.5	31.0	26.5	24.0	25.5
20	28.5	27.5	28.5	30.0	28.5	29.5	31.5	30.0	31.0	26.5	25.0	25.5
21	29.0	27.5	28.5	30.5	28.5	29.5	31.5	30.5	31.0	27.0	25.0	26.5
22	29.0	27.5	28.5	31.0	29.0	30.0	31.5	30.5	31.0	26.5	25.5	26.0
23	29.0	27.5	28.5	31.5	30.0	30.5	31.5	29.5	30.5	26.0	24.5	25.5
24	29.5	28.0	28.5	31.5	30.0	31.0	31.0	28.5	30.0	25.5	25.0	25.5
25	29.0	27.5	28.0	32.0	30.0	31.0	29.5	28.5	29.0	25.5	24.5	25.0
26	29.5	27.5	28.5	32.5	30.5	31.5	30.5	28.5	29.5	25.0	24.0	24.5
27	29.5	28.0	28.5	32.0	31.0	31.0	31.0	29.0	30.0	25.0	23.5	24.5
28	29.5	28.0	28.5	32.0	30.5	31.0	31.5	29.5	30.5	24.5	23.5	24.0
29	29.5	28.0	28.5	31.5	30.0	30.5	31.5	30.0	30.5	25.0	23.0	24.0
30	29.5	28.5	29.0	31.0	29.5	30.5	31.0	29.5	30.0	24.5	23.5	24.0
31	---	---	---	31.5	30.0	30.5	30.0	29.5	29.5	---	---	---
MONTH	29.5	24.5	28.0	33.0	28.0	30.5	32.0	28.5	30.5	29.5	23.0	26.5
YEAR	33.0	6.0	19.5									

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	7.1	6.7	6.9	8.1	7.4	7.8	10.5	9.1	9.8
2	---	---	---	7.1	6.6	6.9	8.1	7.6	7.9	9.8	9.4	9.6
3	---	---	---	7.1	6.5	6.8	7.7	7.5	7.6	9.8	9.3	9.5
4	---	---	---	7.0	6.5	6.8	7.7	7.1	7.4	9.8	9.2	9.5
5	---	---	---	7.0	6.5	6.8	7.7	6.8	7.2	10.2	9.6	9.9
6	5.9	5.2	5.5	6.8	6.4	6.7	7.7	7.1	7.3	10.0	9.5	9.8
7	5.3	4.7	5.1	6.8	6.4	6.7	7.7	7.3	7.5	9.8	9.3	9.6
8	5.2	4.6	4.9	6.8	6.4	6.6	7.5	7.0	7.4	9.5	9.3	9.4
9	5.3	4.9	5.1	6.6	6.4	6.5	7.4	7.0	7.3	9.6	9.2	9.4
10	5.5	4.8	5.3	6.7	6.4	6.6	7.5	7.1	7.3	9.5	9.2	9.3
11	5.7	5.3	5.6	6.7	6.4	6.6	7.6	7.2	7.5	9.6	9.1	9.4
12	5.8	5.4	5.6	6.7	6.4	6.5	7.9	7.5	7.7	9.7	9.3	9.5
13	5.6	5.4	5.6	6.9	6.4	6.6	8.0	7.6	7.8	9.7	9.3	9.5
14	5.9	5.3	5.6	7.4	6.7	7.1	8.5	7.8	8.1	9.6	9.2	9.4
15	5.8	5.4	5.6	7.7	7.1	7.5	8.2	7.6	7.9	9.5	9.2	9.3
16	6.0	5.5	5.8	7.6	7.2	7.4	8.0	7.6	7.8	9.5	9.2	9.4
17	6.1	5.8	5.9	7.6	7.2	7.4	8.2	7.6	7.9	9.8	9.3	9.5
18	6.3	5.7	6.1	7.5	7.1	7.3	8.3	8.0	8.2	9.7	9.1	9.5
19	6.6	6.0	6.3	7.5	7.1	7.3	8.5	7.8	8.2	9.6	9.1	9.4
20	6.6	6.1	6.4	7.8	7.3	7.6	8.5	7.9	8.2	9.3	9.1	9.2
21	6.5	6.0	6.4	7.6	7.1	7.3	8.6	8.1	8.3	9.2	8.7	9.1
22	6.5	6.0	6.4	7.5	7.1	7.4	8.6	8.2	8.4	9.5	9.1	9.3
23	6.5	6.2	6.4	7.6	7.1	7.3	8.7	8.2	8.5	9.9	8.9	9.6
24	6.5	6.2	6.4	7.3	6.9	7.1	8.8	8.3	8.5	10.1	9.6	9.8
25	6.5	6.2	6.4	7.2	6.8	7.0	8.5	8.1	8.4	10.2	9.7	9.9
26	6.7	6.1	6.4	7.2	6.9	7.0	8.4	8.1	8.3	10.2	9.8	10.1
27	6.7	6.1	6.5	7.0	6.8	6.9	8.6	8.1	8.4	10.3	9.8	10.0
28	6.7	6.1	6.5	7.1	6.7	6.9	8.8	8.2	8.5	10.1	9.7	9.9
29	6.6	5.9	6.3	7.1	6.7	6.9	9.1	8.4	8.7	10.1	9.7	10.0
30	6.6	5.8	6.3	7.6	6.5	7.1	9.2	8.5	8.8	10.2	9.8	10.0
31	6.9	6.1	6.6	---	---	---	9.3	8.5	8.9	10.2	9.5	9.9
MONTH	6.9	4.6	6.0	7.8	6.4	7.0	9.3	6.8	8.0	10.5	8.7	9.6

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.5	5.2	5.4	4.7	4.2	4.5	5.9	5.0	5.4	6.5	4.7	5.7
2	5.5	5.2	5.3	4.7	4.1	4.5	6.2	4.2	5.5	6.0	4.0	5.4
3	5.3	5.0	5.2	4.7	4.2	4.5	6.7	5.0	5.9	5.8	4.1	5.3
4	5.3	5.1	5.1	4.7	4.4	4.6	6.7	4.9	6.0	6.0	4.2	5.6
5	5.3	4.9	5.1	4.8	4.3	4.6	6.9	4.9	5.9	6.3	5.3	5.9
6	5.4	4.8	5.2	4.6	4.1	4.4	6.1	5.0	5.5	6.2	5.5	6.0
7	5.5	4.8	5.2	4.5	4.1	4.3	6.0	4.8	5.4	6.0	5.4	5.8
8	5.8	4.9	5.3	4.5	3.9	4.2	6.3	4.9	5.6	5.6	4.7	5.3
9	5.9	5.0	5.3	4.8	3.8	4.2	6.5	4.8	5.6	5.1	4.2	4.9
10	6.1	4.9	5.4	5.0	3.9	4.2	6.5	4.5	5.6	4.8	3.7	4.4
11	6.0	4.8	5.5	4.6	3.7	4.1	6.1	4.6	5.5	7.4	3.4	4.5
12	6.1	5.0	5.5	4.3	3.8	4.1	6.3	3.9	5.2	7.2	3.9	4.6
13	5.7	4.8	5.4	4.4	3.7	4.1	7.5	5.2	6.0	7.0	3.3	4.2
14	5.5	4.9	5.2	4.3	3.7	4.1	7.9	5.4	6.8	4.0	3.4	3.7
15	5.5	4.8	5.1	4.4	3.6	4.1	7.2	5.4	6.7	6.7	2.6	4.2
16	5.5	4.9	5.2	4.6	3.9	4.3	7.1	5.1	6.4	4.3	2.8	3.6
17	5.7	4.8	5.3	4.8	4.1	4.5	6.7	4.3	5.9	3.8	2.7	3.4
18	5.7	4.8	5.2	5.0	4.1	4.7	6.7	4.2	5.6	6.4	2.6	4.2
19	5.4	4.7	5.2	5.2	4.2	4.8	6.2	4.2	5.2	4.1	3.0	3.8
20	5.4	4.3	5.2	5.5	3.8	4.8	6.0	3.7	4.9	3.8	3.4	3.6
21	5.4	4.4	5.2	5.5	3.9	4.7	6.4	3.7	4.9	4.2	2.8	3.4
22	5.3	4.7	5.1	5.6	3.7	4.7	6.8	3.1	5.2	5.7	3.2	3.6
23	5.2	4.5	5.0	5.8	3.3	4.9	7.2	4.8	5.8	3.8	3.0	3.4
24	5.1	4.2	4.9	6.3	3.5	4.9	6.0	3.8	5.2	3.6	3.1	3.3
25	5.0	4.2	4.8	5.6	3.6	4.7	6.3	4.5	5.5	3.5	3.0	3.2
26	5.0	4.3	4.8	5.2	3.7	4.5	7.3	3.5	5.7	3.8	3.0	3.4
27	4.9	4.3	4.7	5.0	4.0	4.5	7.0	4.3	5.8	4.1	3.4	3.7
28	4.9	4.5	4.7	5.4	3.9	4.5	6.9	4.6	6.0	4.4	3.5	4.0
29	4.8	4.1	4.6	5.2	4.0	4.6	6.8	4.9	5.9	4.7	3.9	4.4
30	4.5	4.3	4.4	5.6	3.8	4.7	6.4	4.4	5.7	5.0	4.4	4.8
31	---	---	---	6.0	4.0	5.1	6.5	4.7	5.6	---	---	---
MONTH	6.1	4.1	5.1	6.3	3.3	4.5	7.9	3.1	5.7	7.4	2.6	4.4
YEAR	10.9	2.6	6.6									

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 AIW mile 377.4.

PERIOD OF DAILY 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, Jun. 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, 6.0°C, Jan. 6, 7, 28, 29, 1987.
DISSOLVED OXYGEN: Maximum, 9.9 mg/L, Feb. 27, 1987; minimum, 1.8 mg/L, Sept. 22, 23, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum, 150 microsiemens, Jun. 17, 19-23; minimum, 60 microsiemens, many days Jul., Aug., and Sept.
pH: Maximum recorded, 7.8 units, Sept. 1, 2, 11: minimum recorded, 5.5 units, Jul. 8-12.
WATER TEMPERATURE: Maximum recorded, 31.0°C, Jul. 21; minimum recorded, 11.5°C, Mar. 2-9.
DISSOLVED OXYGEN: Maximum recorded, 6.8 mg/L, Apr. 20, 21, 24; minimum recorded, 2.0 mg/L, Aug. 3.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 140 microsiemens, several days in Nov, minimum, 50 microsiemens many days.
pH: Maximum, 7.7 units, Jan. 14 and Apr. 15; minimum, 5.0 units, Aug. 16.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 5; minimum, 6.0°C, Jan. 6, 7, 28, 29.
DISSOLVED OXYGEN: Maximum, 9.9 mg/L, Feb. 27, minimum, 1.8 mg/L Sept. 22, 23.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	90	94	100	90	97	100	80	86	100	90	97
2	100	80	91	100	90	97	100	80	86	100	90	97
3	100	80	90	100	90	98	110	80	89	110	90	97
4	100	80	89	100	90	95	90	80	83	110	90	99
5	100	80	88	100	90	91	90	70	79	100	90	99
6	110	80	90	100	90	91	80	70	78	110	90	100
7	110	90	96	100	90	91	80	70	76	110	90	101
8	110	90	101	100	90	92	80	70	75	110	90	101
9	120	100	106	100	80	89	80	70	75	110	90	100
10	120	100	109	90	80	88	80	70	75	110	90	98
11	110	100	108	100	80	90	80	70	75	100	90	95
12	110	100	107	100	90	94	80	70	75	100	80	92
13	110	90	102	100	90	94	90	70	76	110	90	97
14	110	90	100	100	90	95	90	70	94	110	90	101
15	100	90	99	100	90	94	90	70	91	110	90	102
16	110	90	100	100	90	95	100	80	88	110	90	98
17	110	90	100	100	90	95	110	80	98	110	90	98
18	110	100	101	100	90	95	110	90	99	110	90	99
19	110	100	104	100	90	95	110	90	101	110	90	98
20	110	100	102	100	90	96	110	90	99	110	90	97
21	110	100	102	100	90	95	110	90	99	110	90	96
22	110	100	103	100	90	95	110	90	97	110	90	95
23	110	100	104	100	90	94	110	90	99	110	90	96
24	110	100	105	100	90	93	110	90	100	110	90	97
25	110	100	104	100	90	94	110	90	100	100	90	95
26	110	100	104	100	90	95	110	90	100	100	90	95
27	110	100	105	110	90	100	110	90	99	100	90	96
28	110	100	103	120	90	101	110	90	99	110	90	98
29	110	90	99	110	80	98	100	90	97	110	100	104
30	100	90	97	110	80	92	110	80	96	110	100	105
31	100	90	96	---	---	---	100	90	96	110	100	105
MONTH	120	80	100	120	80	94	110	70	90	110	80	98

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	110	100	105				---	---	---	110	90	100
2	110	100	105				---	---	---	100	90	99
3	110	100	105				---	---	---	110	90	100
4	110	100	105				---	---	---	120	90	104
5	110	100	107				---	---	---	110	90	104
6	110	100	105				---	---	---	110	100	106
7	110	100	104				---	---	---	110	100	106
8	110	90	103				---	---	---	110	100	105
9	110	90	101				---	---	---	120	100	109
10	110	90	101				---	---	---	120	110	115
11	110	90	100				---	---	---	120	110	115
12	110	100	100				---	---	---	120	100	113
13	110	100	101				---	---	---	120	110	114
14	110	90	100				---	---	---	120	100	110
15	110	100	101				---	---	---	120	100	113
16	110	100	100				---	---	---	120	100	110
17	110	90	100				90	80	89	120	100	110
18	110	90	100				90	80	88	120	100	111
19	110	90	100				110	80	94	120	110	113
20	110	90	100				100	80	97	120	110	115
21	100	90	98				100	90	96	120	110	114
22	100	90	99				100	90	92	120	100	114
23	100	90	96				100	80	91	130	110	116
24	100	90	96				100	80	90	130	110	121
25	100	90	98				100	90	95	130	110	119
26	130	90	101				110	90	95	120	100	116
27	---	---	---				100	90	97	120	100	113
28	---	---	---				110	90	98	120	100	112
29	---	---	---				100	90	99	110	100	109
30	---	---	---				110	90	98	120	100	109
31	---	---	---				---	---	---	120	100	111
MONTH	130	90	101				110	80	94	130	90	111
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	120	100	110	120	80	97	90	70	75	70	60	61
2	120	100	109	130	80	98	100	70	77	70	60	62
3	120	100	110	110	70	82	80	70	76	70	60	63
4	120	100	110	110	70	93	80	70	73	70	60	63
5	110	100	109	110	80	94	80	70	76	70	60	64
6	110	110	110	90	70	79	90	70	78	70	60	65
7	120	100	109	110	70	82	100	70	82	70	60	66
8	120	110	115	80	70	78	100	70	78	80	60	68
9	130	110	116	80	70	76	80	70	77	70	60	67
10	120	110	116	80	70	75	80	70	77	70	60	69
11	120	110	118	80	70	76	90	70	78	80	70	73
12	130	110	120	80	70	76	90	70	77	80	70	72
13	130	110	119	80	70	74	80	70	78	80	70	74
14	130	110	121	80	70	72	100	70	78	90	70	76
15	140	110	124	80	60	71	100	70	81	90	70	77
16	140	110	124	70	60	69	120	70	83	90	70	79
17	150	120	127	70	60	68	100	80	88	90	70	79
18	140	110	127	80	60	68	90	70	82	90	70	81
19	150	120	133	80	60	70	90	70	81	90	70	78
20	150	110	132	80	60	70	90	70	79	80	70	77
21	150	110	128	80	70	73	80	70	79	80	70	76
22	150	110	128	80	70	73	80	70	79	80	70	75
23	150	100	124	80	70	73	90	70	80	90	70	81
24	140	100	120	80	70	73	90	70	81	90	80	81
25	130	90	107	80	70	72	80	70	78	90	70	79
26	130	90	105	80	60	70	80	70	79	90	70	81
27	140	90	110	80	60	69	80	70	77	90	70	81
28	130	90	100	80	60	71	80	60	73	110	80	87
29	120	90	96	80	60	69	80	60	69	110	80	99
30	90	80	87	80	60	73	80	60	69	110	90	96
31	---	---	---	90	60	74	70	60	63	---	---	---
MONTH	150	80	115	130	60	76	120	60	77	110	60	75
YEAR	150	60	94									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.7	6.7	6.9	6.8	6.5	6.4	5.8	5.7	6.8	6.7	7.8	7.6
2	6.7	6.7	6.8	6.7	6.5	6.4	5.7	5.7	6.8	6.7	7.8	7.7
3	6.7	6.7	6.8	6.7	6.4	6.3	5.7	5.6	6.9	6.8	7.7	7.7
4	6.7	6.7	6.8	6.7	6.4	6.4	5.6	5.6	7.0	6.8	7.7	7.7
5	6.7	6.7	6.7	6.7	6.5	6.4	5.6	5.6	6.9	6.9	7.7	7.6
6	6.7	6.7	6.8	6.7	6.5	6.4	5.6	5.6	7.0	6.9	7.6	7.6
7	6.7	6.6	6.7	6.4	6.4	6.3	5.6	5.6	7.1	7.0	7.6	7.5
8	6.8	6.6	6.7	6.5	6.3	6.3	5.6	5.5	7.1	7.0	7.7	7.5
9	6.7	6.6	6.8	6.7	6.3	6.3	5.6	5.5	7.1	7.0	7.6	7.5
10	6.7	6.6	6.8	6.7	6.3	6.2	5.6	5.5	7.3	7.1	7.6	7.6
11	6.6	6.6	6.7	6.7	6.2	6.2	5.6	5.5	7.2	7.1	7.8	7.6
12	6.6	6.6	6.8	6.7	6.2	6.2	5.6	5.5	7.2	7.1	7.7	7.4
13	6.6	6.6	6.8	6.7	6.2	6.1	5.7	5.6	7.2	7.1	7.5	7.4
14	6.6	6.6	6.8	6.7	6.1	6.1	5.7	5.6	7.2	7.1	7.5	7.2
15	6.6	6.6	6.7	6.7	6.1	6.1	5.7	5.7	7.2	7.0	7.6	7.2
16	6.8	6.1	6.7	6.6	6.1	6.0	5.7	5.7	7.2	7.1	7.4	7.3
17	6.2	6.0	6.7	6.6	6.1	6.0	5.8	5.6	7.2	7.1	7.4	7.3
18	6.2	6.1	6.6	6.6	6.0	6.0	6.1	5.8	7.1	7.1	7.4	7.2
19	6.4	6.1	6.6	6.6	6.0	5.9	6.3	6.1	7.2	7.1	7.5	7.3
20	6.4	6.1	6.6	6.6	5.9	5.9	6.4	6.3	7.2	7.1	7.5	7.3
21	6.4	6.2	6.6	6.6	5.9	5.9	6.4	6.4	7.2	7.1	7.5	7.4
22	6.6	6.4	6.6	6.5	5.9	5.9	6.5	6.4	7.2	7.1	7.4	7.3
23	6.7	6.4	6.6	6.5	5.9	5.8	6.6	6.5	7.1	7.1	7.4	7.2
24	6.7	6.4	6.6	6.5	5.9	5.8	6.6	6.5	7.2	7.1	7.4	7.2
25	6.9	6.6	6.6	6.5	5.8	5.8	6.5	6.4	7.2	7.1	7.3	7.2
26	6.9	6.7	6.5	6.5	5.8	5.7	6.5	6.5	7.2	7.1	7.3	7.1
27	6.9	6.7	6.5	6.5	5.9	5.7	6.6	6.5	7.2	7.2	7.2	7.1
28	6.9	6.8	6.5	6.5	5.9	5.8	6.6	6.5	7.3	7.2	7.4	7.1
29	6.9	6.8	6.5	6.5	5.9	5.8	6.6	6.5	7.4	7.2	7.3	7.2
30	6.9	6.8	6.5	6.5	5.8	5.7	6.7	6.6	7.5	7.3	7.3	7.2
31	---	---	6.5	6.5	---	---	6.7	6.6	7.7	7.5	---	---
MONTH	6.9	6.0	6.9	6.4	6.5	5.7	6.7	5.5	7.7	6.7	7.8	7.1

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	12.0	12.0	12.0	16.0	16.0	16.0	21.5	20.5	21.0
2	---	---	---	11.5	11.5	11.5	16.5	16.0	16.0	22.0	21.0	21.5
3	---	---	---	11.5	11.5	11.5	16.5	16.0	16.5	22.0	21.0	21.5
4	---	---	---	11.5	11.5	11.5	17.0	16.5	16.5	22.0	21.0	21.5
5	---	---	---	11.5	11.5	11.5	17.0	17.0	17.0	21.5	20.5	21.5
6	---	---	---	11.5	11.5	11.5	17.5	17.0	17.5	22.0	21.0	21.5
7	---	---	---	11.5	11.5	11.5	18.0	17.5	17.5	23.0	21.5	22.5
8	---	---	---	11.5	11.5	11.5	18.0	18.0	18.0	23.5	22.5	23.0
9	---	---	---	12.0	11.5	11.5	18.5	18.0	18.5	23.0	22.5	23.0
10	---	---	---	12.0	12.0	12.0	18.5	18.5	18.5	22.5	21.5	22.0
11	---	---	---	12.0	12.0	12.0	19.0	18.5	18.5	22.0	21.0	21.5
12	---	---	---	12.5	12.0	12.0	19.0	18.5	19.0	22.0	21.0	21.5
13	---	---	---	12.5	12.5	12.5	19.0	18.5	18.5	22.0	21.5	22.0
14	---	---	---	13.0	12.5	13.0	19.0	18.5	19.0	22.5	21.5	22.0
15	---	---	---	13.5	13.0	13.0	19.0	19.0	19.0	23.0	22.0	22.5
16	---	---	---	14.0	13.5	13.5	19.5	19.0	19.0	23.0	22.5	23.0
17	---	---	---	14.0	14.0	14.0	19.0	18.5	18.5	23.5	22.5	23.0
18	---	---	---	14.5	14.0	14.0	18.5	18.0	18.0	24.0	23.0	23.5
19	---	---	---	14.5	14.5	14.5	18.5	18.0	18.0	24.0	23.5	24.0
20	---	---	---	15.0	14.5	15.0	19.0	18.0	18.0	24.5	23.5	24.0
21	---	---	---	15.5	15.0	15.0	19.0	18.0	18.5	24.5	23.5	24.0
22	---	---	---	15.5	15.5	15.5	19.0	18.0	18.5	24.5	23.5	24.0
23	---	---	---	15.5	15.5	15.5	18.0	17.5	18.0	24.5	23.5	24.0
24	---	---	---	15.5	15.0	15.0	17.5	16.5	17.5	24.5	24.5	24.5
25	---	---	---	15.0	15.0	15.0	18.0	16.5	17.5	25.0	24.0	24.5
26	12.0	12.0	12.0	15.0	15.0	15.0	18.5	17.5	18.0	25.0	24.0	24.5
27	12.0	12.0	12.0	15.0	15.0	15.0	19.5	18.0	19.0	24.5	24.0	24.0
28	12.0	12.0	12.0	15.5	15.0	15.5	20.0	19.0	19.5	24.5	24.0	24.5
29	---	---	---	15.5	15.5	15.5	20.5	19.5	20.0	25.0	24.5	24.5
30	---	---	---	15.5	15.5	15.5	21.0	20.0	20.5	25.5	24.5	25.0
31	---	---	---	16.0	15.5	15.5	---	---	---	25.5	25.0	25.5
MONTH	12.0	12.0	12.0	16.0	11.5	13.5	21.0	16.0	18.0	25.5	20.5	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.0	25.5	28.5	27.5	28.0	30.0	29.0	29.5	21.5	21.0	21.0
2	26.5	25.5	26.0	28.5	28.0	28.0	30.0	29.5	30.0	22.0	21.5	21.5
3	26.0	25.5	25.5	29.0	28.0	28.5	30.5	29.5	30.0	22.5	21.5	22.0
4	25.5	24.5	25.0	28.5	28.0	28.0	29.5	29.0	29.5	23.0	22.0	22.5
5	25.5	24.5	25.0	28.5	27.0	28.0	29.5	29.0	29.0	22.5	22.5	22.5
6	25.5	25.0	25.5	28.0	27.0	27.5	29.5	28.5	29.0	22.5	22.0	22.5
7	26.0	25.0	25.5	28.0	27.0	28.0	29.5	28.5	29.0	22.5	22.0	22.5
8	26.5	25.5	26.0	28.5	27.5	28.0	29.5	28.5	29.0	23.0	22.5	22.5
9	27.0	26.5	27.0	28.5	28.0	28.5	29.5	29.0	29.5	23.0	22.5	22.5
10	27.0	26.5	27.0	29.0	28.0	28.5	30.0	29.0	29.5	23.0	22.5	23.0
11	27.5	26.5	27.0	29.0	28.5	29.0	30.0	29.5	29.5	23.5	23.0	23.5
12	27.5	27.0	27.5	29.5	28.5	29.0	29.5	29.0	29.0	24.0	23.5	24.0
13	28.5	27.5	28.0	29.5	29.0	29.0	29.0	28.5	28.5	25.0	24.0	24.5
14	28.0	27.5	28.0	30.0	29.0	29.5	28.5	28.0	28.0	24.5	24.0	24.5
15	28.0	27.0	27.5	30.0	29.5	30.0	28.0	27.5	27.5	24.5	24.0	24.5
16	26.5	25.0	26.5	30.0	29.5	29.5	27.5	27.0	27.0	24.5	24.0	24.5
17	26.5	26.0	26.5	30.0	29.0	29.5	27.5	26.5	27.5	24.5	24.0	24.5
18	27.5	26.0	27.0	30.0	29.0	29.5	27.5	27.0	27.5	24.5	23.0	24.0
19	---	---	---	30.5	29.5	30.0	27.5	26.5	27.0	24.0	23.0	23.5
20	---	---	---	30.5	30.0	30.5	27.0	26.5	27.0	24.0	23.0	23.5
21	26.5	26.0	26.5	31.0	30.0	30.5	27.0	26.0	26.5	24.5	23.5	24.0
22	27.0	25.0	26.5	30.5	29.5	30.0	27.0	26.0	26.5	24.5	24.0	24.5
23	26.5	25.5	26.0	29.5	29.0	29.5	27.0	26.5	27.0	25.0	24.0	24.5
24	26.5	25.5	26.5	29.5	29.0	29.0	27.0	26.0	26.5	25.0	24.5	25.0
25	27.0	26.0	26.5	29.5	29.0	29.0	27.0	26.5	26.5	26.0	25.0	25.5
26	27.0	26.5	27.0	29.0	28.0	28.5	26.5	25.5	26.0	26.5	25.5	26.0
27	27.5	27.0	27.0	29.0	28.0	28.5	26.0	25.5	26.0	27.0	26.0	26.5
28	27.5	27.0	27.5	29.5	28.5	29.0	26.0	25.5	26.0	27.0	26.0	26.5
29	28.0	27.0	27.5	29.5	28.5	29.0	25.0	24.0	24.5	27.0	26.5	26.5
30	28.0	27.5	28.0	30.0	28.5	29.0	24.0	22.0	23.0	27.0	26.5	26.5
31	---	---	---	30.0	29.0	29.5	22.5	21.0	21.5	---	---	---
MONTH	28.5	24.5	26.5	31.0	27.0	29.0	30.5	21.0	27.5	27.0	21.0	24.0
YEAR	31.0	11.5	23.0									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	5.5	4.8	5.0
2							---	---	---	5.3	4.7	5.0
3							---	---	---	5.8	4.8	5.3
4							---	---	---	5.9	5.2	5.5
5							---	---	---	5.9	5.2	5.6
6							---	---	---	6.1	5.2	5.5
7							---	---	---	5.9	4.7	5.5
8							---	---	---	6.1	5.1	5.5
9							---	---	---	6.2	5.4	5.9
10							---	---	---	6.4	5.6	6.0
11							---	---	---	6.1	5.4	5.7
12							---	---	---	6.0	5.1	5.4
13							---	---	---	5.8	4.9	5.3
14							---	---	---	5.6	4.7	5.1
15							---	---	---	5.5	4.6	5.0
16							5.9	5.6	5.8	5.3	4.6	4.9
17							6.1	5.7	5.9	5.3	4.6	4.9
18							6.4	5.7	6.1	5.7	4.7	5.1
19							6.6	6.1	6.4	5.8	5.0	5.4
20							6.8	6.2	6.4	5.5	4.9	5.3
21							6.8	6.2	6.5	5.4	4.7	5.0
22							6.5	6.0	6.2	5.4	4.6	4.9
23							6.6	6.0	6.3	5.5	4.7	5.0
24							6.8	6.3	6.5	5.6	4.7	5.0
25							6.7	6.2	6.4	5.4	4.7	5.0
26							6.6	6.0	6.3	5.7	4.7	5.0
27							6.5	5.6	6.0	5.4	4.3	4.8
28							6.5	5.1	5.8	5.0	3.8	4.3
29							6.1	4.7	5.3	4.4	3.6	4.0
30							5.6	4.8	5.1	4.4	3.5	4.0
31							---	---	---	4.3	3.6	3.9
MONTH							6.8	4.7	6.1	6.4	3.5	5.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.4	3.5	3.8	3.9	3.1	3.3	3.5	2.1	2.4	5.0	4.7	4.9
2	4.2	3.4	3.6	3.7	3.0	3.4	3.4	2.2	2.4	4.9	4.1	4.5
3	4.8	3.4	4.0	4.0	3.0	3.3	3.1	2.0	2.5	4.5	4.1	4.2
4	4.9	4.2	4.5	4.1	3.1	3.4	2.9	2.6	2.7	4.2	3.9	4.1
5	4.8	4.0	4.4	4.4	3.2	3.5	3.0	2.3	2.6	4.0	3.7	3.9
6	4.9	4.1	4.4	3.7	2.9	3.3	3.5	2.5	2.7	4.0	3.5	3.8
7	4.8	3.9	4.2	3.6	3.0	3.2	3.5	2.6	2.9	3.7	3.4	3.6
8	4.7	3.9	4.1	3.7	2.9	3.1	3.8	2.7	2.9	3.5	3.4	3.5
9	4.4	3.8	4.0	3.2	2.8	3.0	3.1	2.8	2.9	3.6	3.2	3.5
10	4.8	3.9	4.2	3.4	2.7	2.9	3.3	2.7	3.0	3.6	3.4	3.5
11	4.9	3.7	4.2	3.6	2.8	3.0	3.6	3.0	3.2	3.7	3.0	3.4
12	4.4	3.7	4.0	3.0	2.7	2.8	3.6	3.0	3.2	3.7	3.3	3.5
13	4.3	3.7	4.0	3.1	2.8	3.0	3.5	3.2	3.3	4.1	3.4	3.7
14	4.2	3.8	4.0	3.1	2.8	3.0	3.7	3.3	3.4	4.7	3.6	3.9
15	4.6	3.9	4.2	2.9	2.6	2.8	4.2	3.3	3.5	4.4	3.8	4.0
16	4.4	4.0	4.1	3.4	2.6	2.9	4.6	3.4	3.8	4.5	3.7	3.9
17	4.2	3.9	4.0	3.1	2.5	2.8	4.5	3.6	3.8	4.4	3.8	4.1
18	4.9	3.8	4.2	2.6	2.3	2.5	4.4	3.6	3.8	5.0	4.1	4.4
19	4.9	4.1	4.5	2.5	2.1	2.3	4.4	3.8	4.0	4.5	3.8	4.1
20	5.1	4.2	4.5	2.5	2.2	2.3	4.8	3.9	4.1	4.1	3.7	3.9
21	5.2	4.5	4.8	2.7	2.2	2.4	4.1	3.6	3.8	4.0	3.6	3.8
22	5.3	4.5	4.8	3.0	2.3	2.5	3.7	3.4	3.6	4.3	3.5	3.9
23	5.0	4.2	4.5	2.6	2.2	2.4	4.0	3.3	3.5	4.8	3.7	4.0
24	4.9	4.0	4.3	2.7	2.3	2.4	3.7	3.2	3.3	4.3	3.6	3.9
25	4.8	3.7	4.1	2.5	2.2	2.3	4.1	3.1	3.4	3.9	3.4	3.7
26	4.7	3.6	4.0	3.4	2.2	3.0	3.4	3.1	3.3	4.0	3.5	3.7
27	4.3	3.3	3.8	3.1	2.7	2.9	3.6	3.2	3.3	4.2	3.4	3.7
28	3.7	3.3	3.5	3.1	2.5	2.7	4.0	3.1	3.5	5.1	3.5	4.0
29	3.6	3.3	3.4	3.2	2.5	2.9	4.2	3.9	4.1	5.3	3.8	4.6
30	3.5	3.2	3.4	3.3	2.3	2.7	4.8	4.0	4.5	4.9	3.8	4.4
31	---	---	---	3.3	2.2	2.5	5.0	4.7	4.9	---	---	---
MONTH	5.3	3.2	4.1	4.4	2.1	2.9	5.0	2.0	3.4	5.3	3.0	3.9
YEAR	6.8	2.0	4.1									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	110	90	98	140	100	114	120	100	107	110	70	90
2	100	80	93	130	100	112	130	90	110	100	60	75
3	100	80	93	130	90	105	110	80	98	100	60	75
4	110	90	97	140	100	111	110	80	93	90	60	73
5	110	90	97	110	90	102	120	80	95	70	60	64
6	120	90	101	100	90	97	120	80	98	70	60	64
7	130	90	114	120	90	102	110	80	90	70	60	65
8	120	90	107	120	90	103	110	80	90	70	60	63
9	100	70	87	130	90	107	110	80	95	70	60	64
10	80	70	78	130	90	109	120	80	95	70	60	64
11	80	70	76	140	100	114	100	80	89	70	60	64
12	90	70	80	130	100	107	110	80	87	90	60	69
13	100	80	84	120	90	103	100	70	83	100	50	70
14	90	70	81	140	90	108	120	70	86	90	60	66
15	100	70	85	140	90	111	120	80	90	90	60	69
16	90	70	81	130	90	106	110	80	93	80	60	71
17	100	80	86	130	90	103	110	80	93	80	60	65
18	90	70	81	130	90	110	110	80	93	90	60	71
19	100	80	84	130	90	108	100	70	87	80	60	68
20	100	80	87	140	100	114	110	70	93	100	60	74
21	110	80	93	120	80	101	120	70	97	80	60	70
22	110	80	94	130	80	99	100	70	81	80	60	68
23	120	80	95	120	90	99	110	70	85	90	50	64
24	110	80	95	130	90	99	110	80	92	90	50	69
25	110	90	98	120	90	98	90	70	80	80	60	66
26	110	90	103	130	90	105	100	70	78	80	50	63
27	110	90	98	120	90	102	100	70	83	90	60	72
28	110	90	98	120	90	96	100	70	83	80	60	66
29	110	90	97	140	90	110	90	70	76	80	50	62
30	110	90	98	130	90	108	110	70	83	80	60	71
31	130	90	107	---	---	---	100	60	79	90	50	72
MONTH	130	70	92	140	80	105	130	60	90	110	50	69
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	90	50	68	70	60	69	70	50	59	80	60	71
2	90	60	75	70	60	66	70	50	62	80	60	69
3	90	60	73	70	50	65	70	50	62	80	60	67
4	80	50	66	70	50	61	70	50	61	70	60	68
5	90	50	71	70	50	59	70	50	63	70	60	66
6	80	60	63	80	50	61	70	60	65	80	60	69
7	80	50	67	100	50	64	80	60	66	80	60	70
8	100	50	70	70	60	61	70	60	67	80	60	70
9	90	50	64	70	50	60	80	60	65	80	60	70
10	80	50	65	60	50	58	80	60	63	80	70	72
11	100	50	70	70	50	57	80	60	68	80	60	70
12	90	50	69	70	50	60	80	60	70	80	70	73
13	80	50	67	70	50	59	80	60	70	80	70	74
14	80	50	66	80	60	69	80	60	69	80	70	75
15	80	50	67	80	60	68	70	60	68	80	70	76
16	80	50	60	80	60	71	70	60	66	80	70	76
17	80	60	63	70	60	67	70	60	65	80	70	77
18	90	50	71	70	60	64	70	60	65	80	70	78
19	80	50	62	70	60	65	70	60	63	80	70	75
20	90	50	68	70	60	66	70	60	63	80	70	78
21	80	60	66	70	60	66	70	60	64	80	70	76
22	80	60	68	70	60	66	80	60	68	80	70	78
23	80	60	74	70	60	66	80	60	70	90	70	80
24	80	60	70	70	50	63	70	60	68	90	70	80
25	90	60	71	60	50	57	80	60	69	90	70	81
26	100	60	68	70	50	60	70	60	66	90	80	85
27	70	60	67	70	50	60	80	60	72	100	80	87
28	80	60	68	70	50	60	80	70	74	90	80	88
29	---	---	---	70	50	60	80	70	76	90	80	86
30	---	---	---	70	60	61	80	70	75	90	80	86
31	---	---	---	60	50	58	---	---	---	90	80	88
MONTH	100	50	68	100	50	63	80	50	67	100	60	76

02110802 WACCAMAW RIVER AT BUCKSPORT, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	80	88	100	90	96	110	90	100	100	90	99
2	100	80	89	110	80	93	120	100	104	110	90	98
3	100	80	89	100	90	94	110	100	106	100	90	96
4	90	80	88	100	90	95	110	100	105	100	90	95
5	100	80	90	110	90	96	110	100	105	110	80	92
6	100	80	91	100	80	95	120	100	105	100	80	86
7	100	80	92	100	80	91	110	100	107	90	70	80
8	100	80	92	100	80	88	120	100	106	90	80	83
9	100	80	92	100	80	86	120	100	112	90	70	80
10	100	90	92	90	80	84	120	100	113	80	60	74
11	100	90	91	90	80	84	120	100	110	70	60	67
12	100	90	94	90	80	81	120	100	113	70	60	68
13	100	90	92	90	80	83	120	100	108	80	60	70
14	100	90	92	90	80	84	110	100	105	80	60	71
15	100	90	93	90	80	84	110	90	100	80	70	73
16	100	90	92	100	80	87	110	90	103	80	70	72
17	100	90	94	100	80	92	110	100	107	80	70	73
18	100	90	97	100	90	93	110	100	108	80	70	73
19	100	90	96	100	90	95	110	100	108	80	70	73
20	100	90	94	100	90	95	110	100	108	80	70	71
21	100	90	93	100	90	95	120	100	110	80	70	73
22	100	90	92	100	90	95	120	100	112	80	60	72
23	100	90	92	100	90	94	120	100	110	80	60	70
24	100	80	90	100	90	93	120	100	109	80	60	69
25	90	80	89	100	90	94	120	100	112	80	60	69
26	100	90	93	100	90	95	120	100	108	80	60	69
27	100	90	94	100	90	97	120	100	106	80	60	70
28	100	90	96	100	90	96	110	100	109	80	60	70
29	100	90	94	100	90	95	110	100	108	70	60	68
30	100	90	95	100	90	100	110	100	105	70	60	68
31	---	---	---	110	100	101	110	100	105	---	---	---
MONTH	100	80	92	110	80	92	120	90	107	110	60	76
YEAR	140	50	83									

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.2	6.1	6.4	6.3	6.9	6.2	6.9	6.6	---	---	6.3	6.1
2	6.3	6.2	6.5	6.2	6.4	6.1	6.7	6.6	---	---	6.2	6.1
3	6.3	6.2	6.6	6.3	6.3	6.1	6.6	6.5	6.8	6.6	6.2	6.1
4	6.3	6.2	6.6	6.3	6.5	6.2	6.6	6.5	6.8	6.5	6.4	6.1
5	6.3	6.2	6.9	6.4	6.9	6.3	6.5	6.3	6.7	6.5	6.4	6.2
6	6.3	6.2	7.0	6.6	6.6	6.4	6.4	6.3	6.6	6.2	6.4	6.3
7	6.3	6.0	7.0	6.8	6.8	6.4	6.6	6.4	6.7	6.3	6.4	6.2
8	6.4	6.2	7.0	6.8	7.0	6.5	6.6	6.5	6.5	6.0	6.5	6.3
9	6.4	6.1	7.1	6.9	7.1	6.5	6.8	6.6	6.6	6.2	6.5	6.3
10	---	---	7.1	6.9	7.4	6.5	6.6	6.5	6.5	5.9	6.3	6.1
11	---	---	7.1	6.8	7.4	6.9	6.6	6.3	6.1	5.2	6.2	6.0
12	---	---	7.1	6.8	7.3	6.9	6.4	6.3	6.0	5.4	6.1	5.9
13	---	---	6.9	6.7	7.4	6.9	---	---	6.0	5.7	6.0	5.9
14	6.4	6.1	7.0	6.8	7.4	6.9	---	---	5.8	5.5	6.0	5.9
15	7.7	6.3	7.1	6.9	7.4	7.0	---	---	5.6	5.2	6.0	5.8
16	7.1	6.7	7.0	6.8	7.3	6.9	---	---	5.9	5.0	6.0	5.9
17	6.7	6.5	6.9	6.6	7.3	7.0	---	---	6.1	5.6	5.9	5.7
18	6.5	6.4	6.7	6.3	7.4	7.2	---	---	6.1	5.9	6.0	5.7
19	6.6	6.4	6.8	6.5	7.6	7.4	---	---	6.3	5.9	6.2	5.8
20	6.6	6.5	6.8	6.6	7.5	7.2	---	---	6.4	6.2	6.2	5.9
21	7.0	6.6	6.9	6.7	7.3	6.9	---	---	6.4	6.1	6.3	6.0
22	6.8	6.6	6.9	6.7	7.2	6.7	---	---	6.5	6.2	6.3	6.0
23	6.6	6.5	7.0	6.7	6.9	6.7	---	---	6.5	6.3	6.1	6.0
24	6.6	6.4	7.0	6.8	6.8	6.7	---	---	6.5	6.3	6.1	5.9
25	6.4	6.2	7.0	6.7	6.9	6.8	---	---	6.6	6.3	6.1	5.9
26	6.4	6.2	7.1	6.6	7.1	6.8	---	---	6.4	6.3	6.0	5.5
27	6.4	6.3	6.9	6.4	7.3	6.8	---	---	6.4	6.2	6.0	5.8
28	6.5	6.4	6.9	6.3	7.0	6.7	---	---	6.3	6.2	6.1	5.9
29	6.7	6.2	6.9	6.3	7.0	6.8	---	---	6.4	6.2	6.0	5.2
30	6.7	6.3	6.9	6.6	7.0	6.7	---	---	6.4	6.2	6.1	5.9
31	---	---	7.0	6.5	---	---	---	---	6.5	6.2	---	---
MONTH	7.7	6.0	7.1	6.2	7.6	6.1	---	---	6.8	5.0	6.5	5.2

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

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

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

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

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.0	27.5	27.5	28.5	28.0	28.0	31.5	30.5	31.0	29.5	29.0	29.0
2	28.5	27.5	28.0	28.5	27.5	28.0	31.5	31.0	31.0	29.0	28.5	29.0
3	29.0	28.0	28.5	29.0	27.5	28.0	31.5	31.0	31.5	28.5	28.0	28.5
4	28.5	28.0	28.5	29.0	27.5	28.5	32.0	31.0	31.5	28.0	27.0	27.5
5	28.5	27.5	28.0	29.5	28.0	28.5	32.5	31.5	31.5	27.0	26.0	26.5
6	28.0	27.5	27.5	30.0	28.5	29.0	32.0	31.5	31.5	26.0	25.5	26.0
7	28.0	27.0	27.5	30.0	29.0	29.5	31.5	31.0	31.5	26.5	26.0	26.0
8	28.5	27.0	27.5	30.5	29.0	29.5	31.5	30.5	31.0	26.5	26.0	26.5
9	28.5	27.5	28.0	30.5	29.5	30.0	31.5	30.5	31.0	27.0	26.5	26.5
10	28.5	27.5	28.0	31.0	29.5	30.0	31.5	30.5	31.5	27.0	26.5	26.5
11	28.0	27.5	27.5	30.5	29.5	30.0	31.5	30.0	31.0	26.5	26.0	26.5
12	28.0	27.0	27.5	30.0	29.5	30.0	30.5	29.5	30.0	26.5	26.5	26.5
13	28.0	27.5	27.5	30.0	29.0	29.5	30.0	29.0	29.5	27.0	26.5	26.5
14	27.5	27.0	27.5	30.0	29.5	29.5	29.0	28.0	28.5	27.0	26.5	27.0
15	28.0	27.0	27.5	30.0	29.5	29.5	28.5	28.0	28.0	27.5	26.5	27.0
16	28.0	27.5	28.0	29.5	29.0	29.5	29.0	28.0	28.5	27.0	26.5	27.0
17	28.5	28.0	28.0	29.5	29.0	29.0	29.0	28.5	28.5	27.0	26.5	26.5
18	28.5	28.0	28.5	29.0	28.5	29.0	29.5	28.5	29.0	27.0	26.5	26.5
19	29.0	28.0	28.5	29.0	28.0	28.5	30.0	29.0	29.5	27.0	26.5	27.0
20	28.5	28.0	28.5	29.0	28.0	28.5	30.5	29.5	30.0	27.0	26.5	27.0
21	29.0	28.0	28.5	29.5	28.0	29.0	30.5	29.5	30.0	27.0	26.5	27.0
22	29.0	28.5	28.5	30.0	28.5	29.5	30.5	29.5	30.0	27.0	26.0	26.5
23	29.0	28.5	28.5	30.5	29.5	30.0	30.5	29.5	30.0	26.0	25.5	25.5
24	28.5	28.0	28.5	30.5	30.0	30.0	30.5	29.5	30.0	25.5	24.5	25.0
25	28.5	28.0	28.0	30.5	30.0	30.5	30.0	28.5	29.5	24.5	23.5	24.0
26	28.0	27.5	28.0	31.0	30.0	30.5	29.5	28.5	29.0	24.0	23.0	23.5
27	28.5	27.5	28.0	31.0	30.5	30.5	30.0	29.0	29.5	24.0	23.0	23.5
28	28.5	28.0	28.5	31.0	30.5	30.5	30.5	30.0	30.0	24.0	23.5	23.5
29	28.5	28.0	28.5	31.0	30.5	30.5	31.0	30.0	30.5	24.0	23.5	24.0
30	28.5	28.0	28.5	31.0	30.0	30.5	30.0	29.5	30.0	24.0	23.5	23.5
31	---	---	---	31.0	30.5	31.0	30.0	29.0	29.5	---	---	---
MONTH	29.0	27.0	28.0	31.0	27.5	29.5	32.5	28.0	30.0	29.5	23.0	26.0
YEAR	32.5	6.0	19.5									

02110802 WACCAMAW RIVER AT BUCKSPORT, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.6	3.6	4.1	7.2	6.5	6.9	7.7	6.9	7.4	9.0	7.7	8.3
2	4.4	3.7	4.1	6.8	5.8	6.3	7.8	6.8	7.3	8.2	7.7	7.9
3	4.4	3.6	4.1	6.3	5.3	5.8	7.0	5.8	6.2	8.1	7.7	8.0
4	4.6	3.5	4.2	6.2	5.3	5.7	6.3	5.6	5.9	8.3	7.9	8.1
5	4.7	3.9	4.3	5.7	5.1	5.4	6.8	5.7	6.1	8.6	8.2	8.5
6	5.4	4.1	4.7	5.2	4.7	5.0	7.3	6.2	6.5	8.5	8.2	8.4
7	5.8	4.6	5.1	5.3	4.6	4.9	7.1	6.6	6.7	8.4	8.1	8.3
8	5.6	4.9	5.4	5.4	4.7	4.8	7.2	6.5	6.7	8.4	8.1	8.2
9	5.1	4.5	4.9	5.1	4.5	4.8	7.2	6.7	6.8	8.3	8.0	8.2
10	5.1	4.3	4.7	5.5	4.7	5.0	7.3	6.5	6.8	8.4	7.9	8.3
11	5.3	4.5	5.0	5.9	5.1	5.4	7.3	6.5	6.8	8.4	7.9	8.2
12	5.6	4.8	5.0	5.3	5.0	5.2	7.1	6.5	6.9	8.4	8.2	8.3
13	5.2	4.6	4.9	5.9	5.1	5.4	7.3	6.9	7.1	8.5	8.3	8.4
14	5.0	4.4	4.6	6.7	5.8	6.3	7.8	7.3	7.5	8.5	8.3	8.4
15	4.8	4.2	4.5	7.2	6.5	6.8	7.6	7.4	7.5	8.5	8.2	8.4
16	5.2	4.4	4.8	6.9	6.7	6.8	7.8	7.3	7.4	8.4	8.1	8.2
17	5.4	5.0	5.2	7.2	6.5	6.7	7.8	7.2	7.4	8.4	8.1	8.2
18	5.8	5.1	5.4	7.5	6.4	6.7	8.0	7.1	7.4	8.3	8.0	8.2
19	6.3	5.5	5.9	7.2	6.1	6.6	7.8	7.1	7.3	8.2	7.8	8.1
20	6.6	5.9	6.2	8.2	6.6	7.3	7.9	7.1	7.4	7.8	7.6	7.7
21	6.6	6.0	6.3	7.3	6.3	6.6	8.0	7.2	7.4	7.9	7.5	7.8
22	6.4	5.8	6.2	6.8	6.3	6.4	7.6	7.4	7.5	8.3	7.9	8.1
23	6.4	5.9	6.1	6.9	6.4	6.5	7.8	7.4	7.6	8.5	8.0	8.4
24	6.4	6.0	6.1	6.4	6.3	6.4	8.0	7.6	7.9	8.7	8.3	8.5
25	7.2	6.0	6.3	6.5	6.2	6.4	7.8	7.4	7.6	8.8	8.5	8.7
26	7.3	6.2	6.6	7.1	6.3	6.5	7.7	7.4	7.6	8.8	8.5	8.7
27	6.4	5.6	6.1	6.3	5.9	6.2	8.3	7.5	7.7	8.9	8.6	8.8
28	6.0	5.5	5.8	7.0	6.1	6.4	8.3	7.5	7.8	8.8	8.6	8.8
29	6.1	5.6	5.8	7.4	6.1	6.6	8.5	7.6	7.8	8.8	8.5	8.7
30	6.4	5.5	5.9	7.4	6.1	6.8	8.4	7.5	7.8	8.8	8.5	8.7
31	7.2	5.8	6.4	---	---	---	8.3	7.4	7.7	8.6	8.3	8.5
MONTH	7.3	3.5	5.3	8.2	4.5	6.1	8.5	5.6	7.2	9.0	7.5	8.3

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

02110802 WACCAMAW RIVER AT BUCKSPORT, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.2	4.5	4.8	5.0	3.9	4.3	5.1	4.2	4.7	4.4	3.9	4.1
2	5.2	4.4	4.8	5.0	4.0	4.5	5.2	3.9	4.8	3.9	3.5	3.7
3	5.2	4.1	4.8	5.0	3.9	4.6	4.8	4.1	4.3	4.0	3.4	3.5
4	5.3	4.4	5.0	5.0	4.2	4.6	4.7	4.0	4.3	5.1	3.5	4.1
5	5.4	4.5	5.0	5.1	4.2	4.7	4.6	3.6	4.3	5.2	4.7	4.9
6	5.5	4.6	5.2	5.2	4.2	4.7	4.7	4.0	4.3	5.0	4.0	4.3
7	5.5	4.7	5.1	5.2	4.3	4.7	4.7	4.1	4.4	4.2	3.6	3.9
8	5.5	4.7	5.1	5.1	4.4	4.8	4.8	4.2	4.4	3.8	3.2	3.4
9	5.4	4.4	5.0	5.1	4.3	4.7	4.7	4.0	4.4	3.5	2.9	3.0
10	5.6	4.5	5.0	5.1	4.4	4.6	4.7	3.9	4.3	3.7	3.1	3.4
11	5.7	5.0	5.4	5.0	4.3	4.6	4.7	3.8	4.3	3.3	2.4	2.9
12	5.7	5.1	5.4	4.9	4.4	4.6	4.8	4.0	4.3	2.5	2.2	2.4
13	5.6	4.9	5.3	4.9	4.4	4.7	4.5	3.8	4.1	2.4	2.2	2.3
14	5.6	4.8	5.2	5.1	4.3	4.6	4.3	3.6	3.9	2.4	2.1	2.3
15	5.6	4.7	5.1	5.0	4.2	4.6	3.9	3.4	3.6	2.3	2.1	2.2
16	5.6	4.7	5.2	4.8	4.2	4.6	4.1	3.1	3.5	2.2	2.0	2.1
17	5.7	4.6	5.2	4.9	4.1	4.4	4.3	3.1	3.5	2.3	2.0	2.2
18	5.5	4.7	5.1	4.9	4.2	4.5	3.9	3.0	3.4	2.4	2.0	2.3
19	5.4	4.6	5.1	4.9	4.1	4.4	4.1	3.1	3.4	2.8	2.3	2.4
20	5.4	4.7	5.1	5.1	4.0	4.4	4.3	3.2	3.5	2.7	2.0	2.2
21	5.2	4.5	4.9	5.0	3.9	4.3	4.4	3.2	3.7	2.9	2.0	2.2
22	5.3	4.2	4.8	5.1	3.9	4.3	4.5	3.5	3.9	2.6	1.8	2.0
23	5.4	4.3	4.9	5.3	4.0	4.5	4.7	3.6	4.0	2.0	1.8	1.9
24	5.3	4.6	4.8	5.5	4.4	4.9	4.7	3.8	4.2	2.0	1.9	2.0
25	5.0	4.4	4.6	5.6	4.4	4.9	5.0	4.3	4.6	2.3	2.0	2.1
26	5.2	4.1	4.5	5.7	4.5	5.0	4.7	3.8	4.2	2.5	1.9	2.3
27	4.5	3.7	4.0	5.4	4.1	4.7	4.2	3.7	4.0	2.7	2.4	2.6
28	4.4	3.8	4.1	5.1	3.1	4.3	4.0	3.5	3.8	3.1	2.1	2.7
29	4.8	3.9	4.3	5.4	4.0	4.8	4.4	3.7	4.0	2.9	2.7	2.8
30	4.8	3.9	4.3	5.8	4.5	5.0	4.8	3.9	4.3	2.9	2.7	2.8
31	---	---	---	5.3	4.2	4.8	5.0	3.8	4.3	---	---	---
MONTH	5.7	3.7	4.9	5.8	3.1	4.6	5.2	3.0	4.1	5.2	1.8	2.8
YEAR	9.9	1.8	5.7									

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, 164 microsiemens, Aug. 9, 1986: minimum, 40 microsiemens, several days in Mar. 1987.
pH: Maximum, 7.6 units, Aug. 24, 1987; minimum, 5.1 units, several days in Jul. 1986.
WATER TEMPERATURE: Maximum, 31.5°C, Jul. 20, 21, 1986; minimum, 5.0°C, Jan. 29, 1987.
DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Feb 22, 23, 24, 1987; minimum, 2.6 mg/L, Sept. 17, 18, 1987

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 164 microsiemens, Aug. 9; minimum recorded, 70 microsiemens, Mar. 28 to Apr. 9.
pH: Maximum recorded, 7.1 units, Mar. 5; minimum recorded, 5.1 units, several days in Jul.
WATER TEMPERATURE: Maximum recorded, 31.5°C, Jul. 20, 21; minimum recorded, 9.5°C, Mar. 5-7.
DISSOLVED OXYGEN: Maximum recorded, 10.4 mg/L, Mar. 5; minimum recorded, 2.7 mg/L, Jul. 21.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 160 microsiemens, Aug. 20-24; minimum, 40 microsiemens, several days in Mar. and Apr.
pH: Maximum, 7.6 units, Aug. 24; minimum, 6.1 units, Apr. 1, Sept. 14.
WATER TEMPERATURE: Maximum, 31.0°C, Jul. 26-29, Aug. 4-10; minimum 5.0°C, Jan. 29.
DISSOLVED OXYGEN: Maximum, 10.7 mg/L, Feb. 22, 23, 24; minimum 2.6 mg/L, Sept. 17, 18.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				---	---	---	80	70	77	120	110	111
2				---	---	---	80	70	77	110	100	109
3				---	---	---	80	70	75	120	110	111
4				---	---	---	80	70	73	120	110	115
5				100	90	99	80	70	76	120	110	114
6				100	90	92	80	70	76	120	110	116
7				100	80	90	90	70	78	130	120	121
8				90	80	90	80	70	79	130	120	122
9				90	80	89	90	70	81	130	120	123
10				90	80	87	90	80	80	130	120	124
11				100	80	89	90	80	85	130	120	123
12				90	90	90	110	80	89	130	110	123
13				100	90	91	100	80	88	130	120	122
14				100	90	91	90	80	86	130	120	124
15				100	80	90	90	80	87	130	120	123
16				90	80	88	90	80	86	130	120	125
17				100	80	91	90	80	88	130	120	123
18				100	80	88	100	90	92	130	120	124
19				90	80	86	110	90	98	130	120	125
20				100	80	83	110	100	101	130	120	128
21				90	80	84	100	90	97	140	120	130
22				90	80	88	100	90	96	140	130	134
23				90	80	88	100	90	95	140	130	135
24				90	80	83	100	90	98	140	130	133
25				90	80	82	110	90	100	140	130	135
26				90	80	81	110	100	104	140	130	134
27				90	80	81	120	100	105	140	120	130
28				90	70	80	110	100	108	130	120	125
29				90	70	80	110	100	107	130	120	125
30				90	70	79	110	100	108	130	120	124
31				90	70	78	---	---	---	130	120	121
MONTH				100	70	87	120	70	90	140	100	124

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	130	110	120	130	110	119	139	129	134	---	---	---
2	120	110	117	120	110	117	150	139	143	---	---	---
3	120	110	115	120	100	112	151	140	147	---	---	---
4	120	100	113	120	110	116	151	131	146	---	---	---
5	120	100	112	120	110	119	152	131	144	---	---	---
6	120	100	111	130	110	117	152	132	142	---	---	---
7	120	110	113	120	100	114	153	142	146	---	---	---
8	120	110	116	120	90	106	154	143	150	---	---	---
9	130	110	120	110	90	103	164	144	151	---	---	---
10	130	110	122	110	90	100	155	134	148	---	---	---
11	130	120	124	110	90	101	155	145	147	100	90	92
12	130	120	125	110	100	101	---	---	---	100	89	97
13	140	120	125	100	90	96	---	---	---	109	99	99
14	130	120	126	100	90	94	---	---	---	109	98	102
15	130	120	127	100	90	93	---	---	---	108	98	106
16	130	120	128	100	90	93	---	---	---	117	107	108
17	130	120	128	100	80	94	---	---	---	117	107	108
18	130	120	129	101	80	93	---	---	---	117	106	111
19	140	130	131	101	81	91	---	---	---	116	96	110
20	140	120	132	102	82	92	---	---	---	116	95	105
21	130	120	126	103	92	96	---	---	---	115	105	107
22	140	120	128	113	103	106	---	---	---	115	104	109
23	140	120	126	124	103	113	---	---	---	114	104	111
24	130	120	127	134	114	119	---	---	---	123	113	114
25	130	120	123	125	115	123	---	---	---	123	113	116
26	130	120	125	126	106	119	---	---	---	123	112	114
27	130	110	124	126	96	114	---	---	---	122	112	117
28	120	110	117	117	106	114	---	---	---	122	111	119
29	120	110	114	127	107	115	---	---	---	121	111	116
30	130	110	118	128	118	119	---	---	---	120	110	118
31	---	---	---	129	118	124	---	---	---	---	---	---
MONTH	140	100	122	134	80	108	164	129	145	123	89	109
YEAR	164	70	109									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.0	26.0	29.5	29.0	29.0	31.0	30.5	30.5	---	---	---
2	27.0	26.5	26.5	29.5	29.0	29.5	31.0	30.5	31.0	---	---	---
3	26.5	26.0	26.5	29.5	29.0	29.5	31.0	30.5	31.0	---	---	---
4	26.0	25.5	26.0	29.5	29.0	29.5	31.0	30.5	30.5	---	---	---
5	26.5	25.5	26.0	29.5	29.0	29.0	30.5	30.0	30.5	---	---	---
6	26.0	26.0	26.0	29.5	28.5	29.0	30.5	30.0	30.0	---	---	---
7	26.5	25.5	26.0	29.0	28.5	29.0	30.0	29.5	30.0	---	---	---
8	27.0	26.0	26.5	29.0	28.5	29.0	30.5	29.5	30.0	---	---	---
9	27.5	26.5	27.0	29.5	28.5	29.0	30.5	29.5	30.0	---	---	---
10	27.5	27.0	27.5	30.0	29.0	29.5	30.5	30.0	30.0	---	---	---
11	28.0	27.0	27.5	30.0	29.0	29.5	30.0	30.0	30.0	24.5	24.5	24.5
12	28.5	27.5	28.0	30.5	29.5	30.0	---	---	---	25.0	24.5	24.5
13	29.0	28.0	28.5	30.5	29.5	30.0	---	---	---	25.0	24.5	25.0
14	29.0	28.5	28.5	30.5	29.5	30.0	---	---	---	25.5	25.0	25.0
15	28.5	28.5	28.5	30.5	30.0	30.0	---	---	---	25.5	25.0	25.5
16	28.5	28.0	28.5	30.5	30.0	30.5	---	---	---	26.0	25.0	25.5
17	29.0	28.0	28.5	30.5	30.0	30.5	---	---	---	25.5	25.0	25.5
18	28.5	28.0	28.5	31.0	30.0	30.5	---	---	---	25.0	24.5	25.0
19	28.5	28.0	28.0	31.0	30.0	30.5	---	---	---	25.0	24.0	24.5
20	28.5	27.5	28.0	31.5	30.5	31.0	---	---	---	25.0	24.0	24.5
21	28.0	27.5	28.0	31.5	30.5	31.0	---	---	---	25.0	24.5	25.0
22	28.0	27.0	27.5	31.0	30.5	30.5	---	---	---	25.0	24.5	25.0
23	27.5	26.5	27.0	30.5	30.0	30.5	---	---	---	25.0	25.0	25.0
24	27.5	27.0	27.5	31.0	30.0	30.5	---	---	---	26.0	25.0	25.5
25	28.0	27.0	27.5	31.0	30.0	30.5	---	---	---	26.5	25.5	26.0
26	28.0	27.5	27.5	30.5	30.0	30.5	---	---	---	26.5	26.0	26.5
27	28.0	27.5	28.0	30.5	29.5	30.0	---	---	---	27.0	26.5	26.5
28	28.5	27.5	28.0	30.5	29.5	30.0	---	---	---	27.5	26.5	27.0
29	29.0	28.0	28.5	30.5	30.0	30.0	---	---	---	27.5	27.0	27.0
30	29.0	28.5	29.0	30.5	30.0	30.0	---	---	---	27.5	27.0	27.5
31	---	---	---	30.5	30.0	30.5	---	---	---	---	---	---
MONTH	29.0	25.5	27.5	31.5	28.5	30.0	31.0	29.5	30.5	27.5	24.0	25.5
YEAR	31.5	9.5	24.0									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.4	4.1	4.2	3.9	3.7	3.8	4.9	3.1	4.1	---	---	---
2	4.5	4.2	4.4	4.0	3.7	3.9	5.0	3.9	4.4	---	---	---
3	4.5	4.2	4.3	3.9	3.7	3.8	5.0	3.9	4.6	---	---	---
4	4.4	4.1	4.3	4.0	3.6	3.8	4.7	4.1	4.5	---	---	---
5	4.3	4.1	4.2	4.1	3.5	3.8	4.5	3.8	4.3	---	---	---
6	4.3	4.0	4.2	4.1	3.7	4.0	4.6	3.8	4.3	---	---	---
7	4.2	4.0	4.1	4.1	3.8	4.0	5.0	3.7	4.7	---	---	---
8	4.4	4.0	4.2	4.0	3.7	3.9	5.3	4.4	4.9	---	---	---
9	4.3	4.2	4.3	3.9	3.6	3.8	5.3	4.4	4.9	---	---	---
10	4.3	4.1	4.2	3.9	3.6	3.8	5.4	3.8	4.9	---	---	---
11	4.2	3.9	4.1	3.8	3.6	3.7	5.0	4.4	4.6	4.5	4.2	4.4
12	4.2	4.0	4.1	3.9	3.6	3.7	---	---	---	4.4	4.1	4.3
13	4.3	4.0	4.1	4.0	3.3	3.7	---	---	---	4.4	4.1	4.2
14	4.1	4.0	4.0	3.7	3.3	3.5	---	---	---	4.6	4.1	4.3
15	4.2	3.9	4.0	3.6	3.1	3.4	---	---	---	4.7	3.9	4.3
16	4.4	3.9	4.1	3.7	3.3	3.5	---	---	---	4.3	3.9	4.1
17	4.4	4.1	4.2	3.7	3.2	3.4	---	---	---	4.7	4.1	4.4
18	4.3	4.1	4.2	3.7	3.2	3.5	---	---	---	4.4	4.2	4.3
19	4.3	4.0	4.2	3.5	3.2	3.4	---	---	---	4.6	4.3	4.4
20	4.3	4.0	4.1	3.4	2.9	3.3	---	---	---	4.9	4.6	4.7
21	4.4	4.1	4.3	3.7	2.7	3.2	---	---	---	5.0	4.7	4.8
22	4.4	4.0	4.2	3.9	2.8	3.5	---	---	---	5.0	4.8	4.9
23	4.5	4.0	4.3	4.0	3.1	3.6	---	---	---	5.0	4.7	4.8
24	4.6	4.2	4.4	3.9	3.1	3.6	---	---	---	5.0	4.7	4.9
25	4.6	4.3	4.4	3.8	2.9	3.5	---	---	---	5.0	4.7	4.8
26	4.4	4.1	4.2	4.0	2.9	3.7	---	---	---	5.0	4.7	4.9
27	4.3	4.0	4.1	4.1	3.0	3.8	---	---	---	5.0	4.7	4.8
28	4.3	3.9	4.2	4.2	3.0	3.6	---	---	---	5.0	4.8	4.9
29	4.2	3.9	4.0	4.4	3.3	3.8	---	---	---	5.0	4.8	4.9
30	4.0	3.8	3.9	4.3	3.3	3.9	---	---	---	5.1	4.9	5.0
31	---	---	---	4.2	3.4	3.9	---	---	---	---	---	---
MONTH	4.6	3.8	4.2	4.4	2.7	3.7	5.4	3.1	4.6	5.1	3.9	4.6
YEAR	10.4	2.7	5.3									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	120	110	117	120	110	116	---	---	---	90	80	81
2	129	109	118	120	110	113	---	---	---	90	70	77
3	129	118	121	130	110	114	---	---	---	80	60	69
4	118	108	117	130	110	116	---	---	---	80	70	74
5	128	117	120	120	110	116	---	---	---	80	70	77
6	127	117	122	120	110	115	---	---	---	80	70	75
7	127	117	126	120	110	115	---	---	---	80	60	71
8	126	116	125	120	110	115	---	---	---	80	60	68
9	126	105	121	130	110	120	---	---	---	70	60	68
10	115	95	110	130	110	120	---	---	---	80	60	70
11	115	95	110	130	120	123	---	---	---	70	60	66
12	114	94	104	130	120	128	---	---	---	80	60	67
13	114	103	106	130	120	125	---	---	---	80	60	69
14	113	103	110	130	120	126	---	---	---	70	60	68
15	113	102	111	130	120	125	---	---	---	80	60	69
16	112	102	111	130	120	125	---	---	---	70	60	68
17	122	111	112	130	120	126	---	---	---	80	60	70
18	121	111	118	130	120	125	---	---	---	80	70	70
19	131	110	121	120	110	119	---	---	---	70	60	66
20	130	110	121	120	110	118	---	---	---	70	60	66
21	130	110	118	120	100	110	---	---	---	70	60	69
22	120	110	112	110	100	104	90	80	83	70	60	68
23	120	100	111	110	90	100	90	80	85	60	50	59
24	110	100	109	---	---	---	90	80	84	70	60	62
25	120	100	110	---	---	---	80	70	77	60	50	58
26	120	100	110	---	---	---	90	70	76	60	50	58
27	120	110	113	---	---	---	90	70	79	60	50	57
28	120	110	114	---	---	---	90	80	81	60	50	58
29	120	110	114	---	---	---	90	80	83	60	50	56
30	120	110	112	---	---	---	90	80	81	60	50	52
31	120	110	114	---	---	---	90	70	79	60	50	54
MONTH	131	94	115	130	90	118	90	70	81	90	50	66
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	60	50	52	70	60	61	60	50	52	100	80	88
2	60	50	54	70	50	58	60	50	52	---	---	---
3	60	50	53	60	50	59	50	50	50	---	---	---
4	60	50	53	70	50	59	60	50	54	---	---	---
5	60	50	53	70	50	56	70	50	56	---	---	---
6	60	50	54	60	50	54	60	50	53	---	---	---
7	60	50	54	60	50	54	60	50	53	---	---	---
8	60	50	53	50	40	50	60	50	54	---	---	---
9	60	50	54	50	40	50	60	50	52	---	---	---
10	60	50	57	50	40	48	60	50	52	---	---	---
11	60	50	57	60	40	51	60	50	51	---	---	---
12	60	50	58	60	50	52	60	50	51	---	---	---
13	70	50	58	50	50	50	60	50	52	---	---	---
14	70	50	59	50	40	49	60	50	52	---	---	---
15	70	60	61	50	40	46	60	40	51	---	---	---
16	70	60	62	50	40	45	50	40	43	---	---	---
17	70	60	61	50	40	46	50	40	48	---	---	---
18	70	60	62	50	40	46	60	50	52	---	---	---
19	70	50	61	50	40	48	60	50	53	---	---	---
20	70	60	61	50	40	48	60	50	54	---	---	---
21	70	60	64	60	40	48	60	50	53	---	---	---
22	70	60	62	50	40	47	60	50	52	---	---	---
23	70	60	62	60	50	50	60	50	54	---	---	---
24	70	60	61	60	40	49	60	50	54	---	---	---
25	70	60	64	50	40	50	60	50	55	---	---	---
26	70	60	65	60	40	50	60	50	54	---	---	---
27	70	60	64	60	50	50	60	50	55	---	---	---
28	70	60	68	60	50	50	60	50	55	---	---	---
29	---	---	---	60	50	51	60	50	54	100	90	99
30	---	---	---	60	50	53	80	50	61	100	90	95
31	---	---	---	60	50	53	---	---	---	100	90	98
MONTH	70	50	59	70	40	51	80	40	53	100	80	95

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	100	90	99	110	90	97	153	113	125	140	130	137
2	100	90	98	110	90	95	153	113	127	140	120	131
3	100	90	98	110	90	97	132	122	126	140	120	129
4	100	90	100	100	90	94	132	122	130	130	120	126
5	110	90	100	100	90	94	132	122	127	130	110	119
6	110	100	102	100	90	93	151	111	127	130	110	116
7	110	100	101	100	80	90	151	121	126	120	110	115
8	110	90	100	90	80	88	141	121	124	120	100	111
9	100	90	100	90	79	86	131	120	126	110	100	107
10	110	90	100	89	79	86	140	120	131	120	90	101
11	110	100	102	99	79	86	150	130	139	100	90	95
12	110	100	102	89	78	86	150	130	143	100	80	91
13	110	100	104	98	78	85	150	130	140	100	90	93
14	110	100	104	98	78	88	140	130	135	100	68	84
15	110	100	103	98	88	91	140	130	135	88	72	79
16	110	100	105	98	87	91	140	130	136	96	80	87
17	110	100	105	97	87	90	150	140	142	102	83	90
18	110	100	108	97	87	92	150	140	142	102	85	91
19	120	110	112	97	86	92	150	140	145	102	85	92
20	110	100	110	106	86	94	160	140	148	103	84	94
21	110	100	108	106	86	98	160	140	150	105	86	95
22	110	100	105	106	96	98	160	140	150	100	84	91
23	110	100	105	106	95	101	160	140	146	100	83	90
24	110	100	105	115	95	103	160	140	147	98	81	89
25	110	100	103	125	105	109	150	140	145	95	82	89
26	110	100	104	125	104	110	150	140	144	93	81	87
27	110	100	105	124	104	113	150	130	141	100	80	90
28	110	100	105	134	114	118	150	140	143	100	90	96
29	120	100	104	144	114	122	150	140	142	100	80	90
30	110	90	103	153	113	124	150	140	143	100	81	92
31	---	---	---	143	113	124	150	140	142	---	---	---
MONTH	120	90	103	153	78	98	160	111	138	140	68	100
YEAR	160	40	89									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	27.0	27.5	18.5	18.5	18.5	---	---	---	9.0	8.5	8.5
2	28.0	27.5	27.5	19.0	18.5	19.0	---	---	---	8.5	8.0	8.5
3	28.0	28.0	28.0	19.0	19.0	19.0	---	---	---	8.0	7.5	8.0
4	28.5	28.0	28.0	19.0	18.5	19.0	---	---	---	7.5	7.0	7.5
5	28.5	27.5	28.0	19.0	18.5	18.5	---	---	---	7.0	6.5	7.0
6	28.0	27.5	28.0	19.0	18.5	19.0	---	---	---	7.0	6.5	6.5
7	27.5	26.5	27.0	19.0	19.0	19.0	---	---	---	6.5	6.5	6.5
8	26.5	26.0	26.5	19.5	19.0	19.5	---	---	---	6.5	6.5	6.5
9	26.0	25.0	25.5	20.0	19.5	19.5	---	---	---	6.5	6.5	6.5
10	25.0	24.0	24.5	20.0	19.5	20.0	---	---	---	7.0	6.5	7.0
11	24.5	23.5	24.0	20.0	19.5	19.5	---	---	---	7.5	7.0	7.0
12	23.5	23.0	23.0	20.0	19.5	20.0	---	---	---	7.0	7.0	7.0
13	23.5	23.0	23.5	19.5	18.5	19.5	---	---	---	7.0	6.5	7.0
14	23.5	23.5	23.5	18.5	17.5	18.0	---	---	---	7.0	6.5	7.0
15	23.5	22.5	23.0	17.5	16.5	17.0	---	---	---	7.5	7.0	7.5
16	22.5	22.0	22.0	16.5	16.0	16.5	---	---	---	8.0	7.5	7.5
17	21.5	21.0	21.0	16.0	15.0	15.5	---	---	---	8.5	8.0	8.0
18	21.0	20.5	20.5	15.5	14.5	15.0	---	---	---	8.5	8.0	8.0
19	20.5	20.0	20.0	15.0	14.5	14.5	---	---	---	9.0	8.0	8.5
20	20.0	19.0	19.5	14.5	14.0	14.5	---	---	---	9.0	9.0	9.0
21	19.5	18.5	19.0	14.5	14.0	14.5	---	---	---	9.0	9.0	9.0
22	19.0	18.5	19.0	14.0	14.0	14.0	9.0	8.5	8.5	9.0	8.0	8.5
23	19.0	18.0	18.5	14.0	13.5	14.0	8.5	8.0	8.5	8.0	7.0	7.5
24	19.0	18.0	18.5	---	---	---	9.5	8.0	8.5	7.0	6.5	7.0
25	18.5	18.0	18.5	---	---	---	9.5	9.0	9.5	6.5	6.5	6.5
26	19.0	18.0	18.5	---	---	---	9.5	9.5	9.5	6.5	6.5	6.5
27	19.0	18.5	18.5	---	---	---	9.5	9.5	9.5	6.5	5.5	6.0
28	19.0	18.5	18.5	---	---	---	9.5	9.0	9.5	5.5	5.5	5.5
29	18.5	18.5	18.5	---	---	---	9.5	9.0	9.0	5.5	5.0	5.5
30	18.5	18.5	18.5	---	---	---	9.0	9.0	9.0	6.5	5.5	6.0
31	18.5	18.5	18.5	---	---	---	9.0	8.5	9.0	6.5	6.0	6.5
MONTH	28.5	18.0	22.5	20.0	13.5	17.5	9.5	8.0	9.0	9.0	5.0	7.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	6.5	6.0	6.5	10.5	8.0	9.0	16.5	15.0	15.5	19.5	18.5	19.0
2	7.0	6.5	6.5	11.0	10.0	10.5	15.0	14.5	15.0	20.0	19.5	19.5
3	8.0	7.0	7.0	11.0	10.5	11.0	14.5	14.5	14.5	20.0	19.5	20.0
4	8.0	7.5	7.5	11.5	10.5	11.0	14.5	14.0	14.5	20.5	20.0	20.0
5	8.0	7.5	8.0	11.0	10.5	10.5	14.0	13.5	14.0	20.0	19.0	19.5
6	8.5	7.5	8.0	11.0	10.0	10.5	13.5	13.0	13.5	19.0	18.5	19.0
7	9.0	8.5	8.5	11.5	10.5	10.5	13.5	13.0	13.5	19.5	19.0	19.0
8	9.0	8.5	8.5	12.0	11.0	11.5	14.0	13.5	13.5	19.5	19.5	19.5
9	9.0	8.0	8.5	12.0	12.0	12.0	14.5	14.0	14.5	20.0	19.5	19.5
10	8.0	7.5	7.5	12.0	11.0	11.5	15.0	14.5	14.5	20.0	19.5	19.5
11	7.5	7.5	7.5	11.0	10.5	10.5	15.5	15.0	15.5	20.5	19.5	20.0
12	8.5	7.5	8.0	10.5	10.0	10.5	16.5	15.5	16.0	20.5	20.0	20.5
13	9.0	8.5	8.5	10.5	10.0	10.0	17.0	16.5	16.5	21.5	20.5	21.0
14	9.0	8.5	8.5	10.5	10.0	10.0	17.5	17.0	17.5	22.0	21.0	21.5
15	9.0	8.5	9.0	10.5	10.0	10.5	17.5	17.5	17.5	22.0	21.5	21.5
16	9.0	8.0	8.5	11.0	10.5	10.5	18.0	17.0	17.5	22.5	21.5	22.0
17	8.0	7.5	7.5	11.0	10.5	10.5	18.0	17.5	17.5	23.0	22.0	22.5
18	7.5	7.0	7.0	11.0	10.5	10.5	17.5	17.0	17.5	23.5	22.5	23.0
19	7.0	6.5	7.0	11.0	10.5	11.0	17.5	17.5	17.5	23.5	23.0	23.0
20	7.0	7.0	7.0	11.5	10.5	11.0	17.5	17.5	17.5	23.5	23.0	23.5
21	7.0	7.0	7.0	12.0	11.0	11.5	18.0	17.5	17.5	23.5	23.5	23.5
22	7.0	6.5	6.5	12.5	11.5	12.0	18.5	18.0	18.0	24.0	23.5	24.0
23	7.0	6.5	7.0	12.5	12.0	12.5	19.0	18.5	18.5	25.0	24.0	24.5
24	7.5	7.0	7.5	13.0	12.5	13.0	19.5	19.0	19.0	25.0	24.5	25.0
25	8.0	7.5	7.5	13.0	13.0	13.0	19.5	19.0	19.0	25.5	25.0	25.0
26	8.0	7.5	7.5	14.0	13.0	13.5	19.0	18.5	18.5	25.5	25.0	25.5
27	7.5	7.5	7.5	15.0	14.0	14.5	18.5	18.0	18.0	26.0	25.0	25.5
28	8.0	7.5	7.5	16.0	14.5	15.5	18.5	18.0	18.0	26.0	25.0	25.5
29	---	---	---	16.5	16.0	16.5	18.5	18.0	18.0	26.0	25.5	26.0
30	---	---	---	17.0	16.5	16.5	19.0	18.0	18.5	26.5	25.5	26.0
31	---	---	---	17.0	16.5	17.0	---	---	---	27.0	26.0	26.5
MONTH	9.0	6.0	7.5	17.0	8.0	12.0	19.5	13.0	16.5	27.0	18.5	22.5

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	26.5	27.0	28.0	27.5	27.5	30.5	30.0	30.5	29.0	28.0	28.5
2	27.5	27.0	27.0	27.5	27.0	27.5	30.5	28.0	29.5	28.5	26.0	27.5
3	28.0	27.0	27.5	27.5	27.0	27.5	30.5	29.0	29.5	27.5	23.5	26.5
4	27.5	27.0	27.5	28.0	27.0	27.5	31.0	28.5	30.0	26.5	24.5	26.0
5	27.5	27.0	27.5	28.5	27.5	28.0	31.0	30.5	31.0	26.0	24.5	25.5
6	27.5	27.0	27.5	28.5	28.0	28.5	31.0	30.0	30.5	25.5	25.0	25.5
7	27.5	27.0	27.5	29.0	28.5	29.0	31.0	30.5	30.5	25.5	25.0	25.5
8	27.5	27.0	27.5	29.5	28.5	29.0	31.0	30.0	30.5	26.0	24.5	25.5
9	27.5	27.0	27.5	29.5	29.0	29.5	31.0	30.0	30.5	26.5	26.0	26.0
10	28.0	27.0	27.5	30.0	29.5	29.5	31.0	30.5	30.5	26.5	25.5	26.0
11	27.5	27.5	27.5	30.0	29.5	30.0	30.5	28.5	30.0	26.0	25.5	26.0
12	27.5	27.0	27.5	30.0	29.0	29.5	30.5	30.0	30.0	---	---	---
13	27.5	27.0	27.5	30.0	29.0	29.5	30.0	29.0	29.5	---	---	---
14	27.5	27.0	27.5	30.0	29.0	29.5	29.5	28.5	29.0	27.5	27.0	27.5
15	27.5	27.0	27.0	30.0	29.5	29.5	28.5	28.5	28.5	27.5	27.0	27.0
16	27.5	27.0	27.5	29.5	29.0	29.0	29.0	28.0	28.5	27.0	27.0	27.0
17	28.0	27.0	27.5	29.0	28.5	29.0	29.0	28.5	29.0	27.0	26.5	27.0
18	28.0	27.5	28.0	29.0	28.5	28.5	29.5	28.5	29.0	27.0	26.5	27.0
19	28.0	27.5	28.0	29.0	28.5	28.5	29.5	29.0	29.5	27.0	26.5	27.0
20	28.5	28.0	28.0	29.0	28.5	28.5	30.0	29.5	29.5	27.0	26.5	26.5
21	28.5	28.0	28.0	29.5	28.5	29.0	30.0	28.5	29.5	26.5	26.5	26.5
22	28.5	28.0	28.5	29.5	28.5	29.0	30.0	29.5	30.0	26.0	26.0	26.0
23	28.5	28.0	28.5	30.0	29.0	29.5	30.0	29.5	30.0	26.0	25.0	25.5
24	28.5	28.0	28.5	30.0	29.5	30.0	30.0	29.5	30.0	25.0	24.5	24.5
25	28.0	28.0	28.0	30.5	29.0	30.0	29.5	28.5	29.0	24.5	23.5	24.0
26	28.0	27.5	28.0	31.0	30.0	30.5	29.5	27.5	29.0	24.0	23.5	23.5
27	28.5	27.5	28.0	31.0	30.5	30.5	30.0	29.0	29.5	23.5	23.0	23.5
28	28.5	27.5	28.0	31.0	30.5	30.5	30.0	29.5	30.0	23.5	23.0	23.5
29	28.5	27.5	28.0	31.0	30.0	30.5	30.0	29.5	30.0	24.0	23.5	23.5
30	28.5	27.5	28.0	30.5	30.0	30.0	29.5	29.0	29.5	23.5	23.5	23.5
31	---	---	---	30.5	29.0	30.5	29.5	29.0	29.0	---	---	---
MONTH	28.5	26.5	27.5	31.0	27.0	29.0	31.0	27.5	29.5	29.0	23.0	26.0
YEAR	31.0	5.0	19.5									

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.2	5.0	5.0	7.1	6.4	6.8	---	---	---	9.0	8.7	8.8
2	5.2	5.0	5.1	6.7	6.3	6.5	---	---	---	8.9	8.6	8.8
3	5.3	5.1	5.2	6.7	6.2	6.5	---	---	---	9.0	8.7	8.9
4	5.4	5.1	5.3	7.0	6.2	6.6	---	---	---	9.1	8.9	9.0
5	5.4	5.3	5.4	7.1	6.4	6.6	---	---	---	9.2	9.0	9.2
6	5.6	5.4	5.5	7.0	6.3	6.6	---	---	---	9.2	8.8	9.0
7	5.7	5.6	5.6	7.0	6.5	6.7	---	---	---	8.9	8.7	8.8
8	5.8	5.6	5.7	6.7	6.3	6.5	---	---	---	8.8	8.6	8.7
9	5.9	5.8	5.8	6.8	6.1	6.4	---	---	---	8.8	8.7	8.7
10	5.9	5.8	5.9	6.3	6.1	6.2	---	---	---	8.8	8.6	8.7
11	6.0	5.8	5.9	6.3	6.1	6.2	---	---	---	8.8	8.6	8.7
12	6.1	5.9	6.0	6.4	6.1	6.2	---	---	---	8.8	8.7	8.7
13	6.2	6.0	6.2	6.5	6.1	6.3	---	---	---	8.8	8.6	8.7
14	6.4	6.1	6.3	6.8	6.3	6.6	---	---	---	8.8	8.6	8.7
15	6.5	6.3	6.3	7.1	6.5	6.7	---	---	---	8.7	8.6	8.7
16	6.6	6.4	6.5	6.9	6.4	6.6	---	---	---	8.8	8.6	8.7
17	6.9	6.5	6.8	6.8	6.3	6.5	---	---	---	8.8	8.6	8.7
18	7.0	6.7	6.8	7.1	6.4	6.7	---	---	---	8.8	8.7	8.7
19	7.2	6.9	7.0	6.9	6.3	6.6	---	---	---	8.8	8.6	8.6
20	7.3	6.7	7.0	7.3	6.1	6.4	---	---	---	8.7	8.4	8.6
21	6.8	6.5	6.6	6.6	6.0	6.2	---	---	---	8.7	8.4	8.5
22	6.7	6.5	6.6	6.2	6.0	6.1	9.6	8.7	9.0	9.2	8.5	8.8
23	6.7	6.4	6.6	6.2	6.1	6.1	9.2	7.7	8.1	9.0	8.4	8.8
24	6.8	6.6	6.7	---	---	---	8.9	8.2	8.6	9.2	8.7	9.0
25	6.8	6.6	6.7	---	---	---	8.4	8.2	8.3	9.3	8.8	9.1
26	6.9	6.6	6.7	---	---	---	8.6	8.4	8.5	9.2	9.0	9.1
27	6.9	6.6	6.8	---	---	---	8.9	8.5	8.7	9.3	8.9	9.1
28	6.8	6.5	6.7	---	---	---	9.3	8.8	9.1	9.5	9.1	9.3
29	6.6	5.5	6.3	---	---	---	9.1	8.8	9.0	9.8	9.3	9.6
30	6.7	5.3	6.0	---	---	---	9.3	8.7	9.0	9.7	9.6	9.7
31	6.9	5.5	6.3	---	---	---	8.9	8.7	8.8	9.6	9.3	9.5
MONTH	7.3	5.0	6.2	7.3	6.0	6.5	9.6	7.7	8.7	9.8	8.4	8.9

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.7	5.0	5.3	6.3	5.8	6.1	5.7	5.1	5.4	5.1	4.6	4.9
2	5.7	5.0	5.5	6.3	5.9	6.1	5.7	5.2	5.4	4.6	4.3	4.5
3	5.8	5.4	5.6	6.2	5.8	6.0	5.9	5.1	5.6	4.5	4.0	4.3
4	5.7	4.8	5.5	6.1	5.8	5.9	5.9	5.3	5.6	5.1	4.2	4.6
5	5.5	5.1	5.3	6.1	5.6	5.9	5.8	5.3	5.6	5.3	4.7	5.1
6	5.6	4.9	5.3	6.1	5.6	5.9	5.8	5.2	5.5	5.0	4.6	4.8
7	5.7	5.2	5.5	6.1	5.5	5.9	5.6	4.9	5.3	4.6	4.1	4.4
8	6.0	5.3	5.6	6.0	5.6	5.8	5.4	4.8	5.2	4.4	3.8	4.1
9	6.0	5.7	5.8	5.9	5.6	5.7	5.3	4.8	5.0	4.1	3.5	3.8
10	6.1	5.8	5.9	5.8	5.4	5.6	5.4	4.7	5.1	4.2	3.5	4.0
11	6.1	5.7	5.9	5.6	5.2	5.4	5.4	4.6	5.0	3.9	3.5	3.7
12	5.9	5.5	5.7	5.4	5.1	5.3	4.6	4.1	4.5	3.7	3.1	3.4
13	6.0	5.5	5.8	5.4	4.9	5.2	4.6	4.2	4.4	3.4	2.8	3.1
14	6.2	5.7	5.9	5.4	5.0	5.2	4.7	4.4	4.5	3.5	2.8	3.2
15	6.2	5.8	6.0	5.2	4.8	5.1	4.6	4.3	4.6	3.5	3.0	3.3
16	6.2	5.9	6.1	4.9	4.7	4.8	4.5	4.4	4.5	3.5	3.0	3.2
17	6.1	5.8	6.0	4.9	4.6	4.8	4.8	4.3	4.6	3.4	2.6	3.1
18	6.1	5.7	5.9	5.2	4.7	4.9	5.0	4.6	4.8	3.4	2.6	3.1
19	5.8	5.5	5.7	5.5	5.0	5.3	5.0	4.8	4.9	3.2	3.0	3.1
20	5.9	5.3	5.6	5.7	5.3	5.5	5.1	4.7	4.9	3.2	2.8	3.1
21	6.0	5.3	5.8	6.0	5.5	5.7	5.1	4.7	4.9	3.1	2.9	3.0
22	5.9	5.4	5.7	6.0	5.5	5.7	5.2	4.7	4.9	3.2	2.7	3.0
23	5.8	5.5	5.7	6.0	5.5	5.7	5.2	4.9	5.1	3.2	2.8	3.1
24	5.9	5.2	5.7	6.0	5.3	5.7	5.1	4.7	5.0	3.1	2.8	3.0
25	5.8	5.4	5.7	6.0	5.3	5.7	5.0	4.7	4.8	3.0	2.8	2.9
26	5.7	5.4	5.5	6.1	5.5	5.8	4.9	4.5	4.8	3.1	2.8	3.0
27	5.5	5.3	5.4	6.2	5.6	5.9	5.0	4.6	4.9	3.4	3.0	3.3
28	5.9	5.2	5.6	6.0	5.6	5.8	5.1	4.8	4.9	4.0	3.3	3.7
29	6.0	5.6	5.8	5.7	5.4	5.6	5.3	4.6	5.0	4.1	3.4	3.8
30	6.1	5.6	5.9	5.6	5.2	5.4	5.2	4.9	5.0	4.0	3.5	3.7
31	---	---	---	5.7	5.0	5.4	5.2	4.6	5.0	---	---	---
MONTH	6.2	4.8	5.7	6.3	4.6	5.6	5.9	4.1	5.0	5.3	2.6	3.6
YEAR	10.7	2.6	6.5									

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, 1320 microsiemens, Oct. 12, 1986; minimum, 50 microsiemens, many days in 1978.
pH: Maximum, 7.5 units, Nov. 20, 1986; minimum, 5.2 units, October 24, 1986.
WATER TEMPERATURE: Maximum, 32.1°C, Jul. 21, 1986; minimum, 5.7 units, Jan. 29, 1987.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Feb 24, 1987; minimum, 2.8 mg/L, Sept. 26, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 820 microsiemens, Jun. 22; minimum recorded, 70 microsiemens, Aug. 25.
pH: Maximum recorded, 6.7 units, May 3-7; minimum recorded, 5.5 units, Jul. 14, 16-21.
WATER TEMPERATURE: Maximum recorded, 32.0°C, Jul. 20, 21; minimum recorded, 22.0°C, May 1.
DISSOLVED OXYGEN: Maximum recorded, 6.7 mg/L, May 8; minimum recorded, 3.0 mg/L, Jun. 21,22,30 and Aug. 17, 24.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 1320 microsiemens, Oct. 12; minimum, 50 microsiemens, many days.
pH: Maximum, 7.5 units, Nov. 20; minimum, 5.2 units, Oct. 24.
WATER TEMPERATURE: Maximum, 30.5°C, Jul 27, Aug. 1, 3-7, 10; minimum 5.5°C, Jan 29.
DISSOLVED OXYGEN: Maximum, 11.9 mg/L, Feb. 24; minimum, 2.8 mg/L, Sept. 26.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										110	100	102
2										110	100	103
3										110	100	102
4										110	100	102
5										110	100	106
6										110	100	108
7										110	100	109
8										120	100	110
9										120	110	110
10										290	100	125
11										160	110	120
12										130	110	115
13										120	110	115
14										140	110	118
15										150	110	122
16										150	110	125
17										160	110	129
18										170	110	131
19										200	110	138
20										230	110	138
21										220	110	136
22										180	120	126
23										250	110	135
24										---	---	---
25										---	---	---
26										---	---	---
27										---	---	---
28										---	---	---
29										---	---	---
30										---	---	---
31										---	---	---
MONTH										290	100	118

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	120	100	109	120	100	111	---	---	---
2	---	---	---	110	100	108	130	110	114	---	---	---
3	---	---	---	120	100	110	130	110	120	---	---	---
4	---	---	---	140	100	115	130	120	124	---	---	---
5	---	---	---	120	100	110	130	120	124	---	---	---
6	---	---	---	120	100	109	130	120	124	---	---	---
7	---	---	---	110	100	109	130	110	121	---	---	---
8	---	---	---	110	100	105	130	120	123	---	---	---
9	---	---	---	110	90	101	130	120	124	---	---	---
10	---	---	---	110	90	95	130	120	125	---	---	---
11	---	---	---	100	90	95	130	120	125	90	80	83
12	---	---	---	100	90	93	130	120	122	100	80	85
13	---	---	---	100	80	90	130	120	122	90	80	87
14	---	---	---	90	80	88	130	120	123	90	80	89
15	---	---	---	90	80	87	130	120	125	120	90	93
16	---	---	---	120	80	90	140	120	127	120	90	94
17	---	---	---	130	80	91	160	120	125	110	90	94
18	---	---	---	130	80	92	130	110	123	100	90	95
19	210	110	128	100	80	88	120	110	112	100	90	96
20	230	110	129	120	80	90	120	100	109	100	90	96
21	630	110	139	110	90	93	110	100	107	100	90	96
22	820	120	194	120	90	95	110	100	106	100	90	97
23	550	110	162	110	90	97	110	100	105	100	90	97
24	180	110	123	110	90	100	110	80	88	110	90	101
25	130	110	118	110	100	104	90	70	73	110	100	104
26	150	110	123	110	100	107	---	---	---	110	100	108
27	150	110	118	110	100	106	---	---	---	110	100	107
28	120	110	112	110	100	106	---	---	---	110	100	110
29	120	100	110	110	90	103	---	---	---	270	110	127
30	110	100	107	110	100	104	---	---	---	250	110	135
31	---	---	---	110	100	105	---	---	---	---	---	---
MONTH	820	100	130	140	80	100	160	70	116	270	80	100
YEAR	820	70	111									

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

pH (UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										22.5	22.0	22.5
2										23.0	22.5	23.0
3										24.0	22.5	23.0
4										23.5	22.5	23.0
5										24.0	23.0	23.5
6										24.0	23.0	23.5
7										24.5	23.0	24.0
8										25.0	24.0	24.5
9										25.0	24.5	24.5
10										24.5	23.5	24.0
11										24.5	23.0	23.5
12										24.5	23.5	24.0
13										24.0	23.5	24.0
14										25.0	24.0	24.0
15										25.0	24.0	24.5
16										25.5	24.5	25.0
17										25.5	24.5	25.0
18										26.0	25.0	25.5
19										25.5	25.0	25.5
20										26.0	25.0	25.5
21										26.0	25.5	25.5
22										26.0	25.5	25.5
23										26.0	25.0	25.5
24										---	---	---
25										---	---	---
26										---	---	---
27										---	---	---
28										---	---	---
29										---	---	---
30										---	---	---
31										---	---	---
MONTH										26.0	22.0	24.5

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										6.3	4.8	5.9
2										5.9	4.3	5.1
3										5.8	4.2	5.0
4										5.4	3.9	4.9
5										6.3	4.0	4.8
6										5.3	3.9	4.8
7										5.1	4.0	4.5
8										6.7	4.1	4.7
9										5.5	4.4	4.9
10										5.3	4.1	4.8
11										4.9	3.9	4.5
12										4.9	3.9	4.3
13										5.0	3.8	4.5
14										5.1	3.5	4.4
15										4.9	3.6	4.3
16										4.9	3.6	4.3
17										5.7	4.2	4.7
18										6.2	4.2	5.2
19										6.0	4.2	5.3
20										6.0	4.4	5.2
21										5.5	4.3	5.1
22										5.2	4.2	5.0
23										5.1	4.3	4.8
24										---	---	---
25										---	---	---
26										---	---	---
27										---	---	---
28										---	---	---
29										---	---	---
30										---	---	---
31										---	---	---
MONTH										6.7	3.5	4.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	4.5	3.1	3.8	4.5	3.7	4.2	---	---	---
2	---	---	---	4.3	3.6	3.9	4.7	3.7	4.2	---	---	---
3	---	---	---	4.1	3.4	3.7	4.8	3.9	4.3	---	---	---
4	---	---	---	4.1	3.3	3.7	4.7	4.0	4.5	---	---	---
5	---	---	---	4.0	3.1	3.7	4.7	3.7	4.3	---	---	---
6	---	---	---	4.0	3.1	3.5	4.5	3.5	4.1	---	---	---
7	---	---	---	3.9	3.4	3.7	4.1	3.7	3.9	---	---	---
8	---	---	---	4.0	3.5	3.7	4.5	3.4	4.0	---	---	---
9	---	---	---	3.9	3.4	3.7	4.6	3.7	4.2	---	---	---
10	---	---	---	3.9	3.2	3.5	4.8	3.8	4.3	---	---	---
11	---	---	---	3.9	3.2	3.5	4.6	3.3	4.1	4.1	3.7	4.0
12	---	---	---	3.8	3.2	3.6	4.4	3.5	4.1	4.2	3.6	3.9
13	---	---	---	4.1	3.2	3.6	4.1	3.7	3.9	4.2	3.8	4.0
14	---	---	---	3.8	3.2	3.5	3.9	3.6	3.8	4.4	3.8	4.0
15	---	---	---	3.5	3.2	3.3	3.9	3.2	3.6	4.4	3.6	4.1
16	---	---	---	3.7	3.2	3.4	3.9	3.1	3.6	4.3	3.6	4.0
17	---	---	---	4.2	3.5	3.8	3.9	3.0	3.5	4.4	3.9	4.2
18	---	---	---	4.0	3.5	3.8	4.2	3.5	3.8	4.5	3.7	4.2
19	4.5	3.2	4.3	3.8	3.4	3.6	4.0	3.7	3.9	4.4	3.7	4.2
20	4.5	3.4	4.0	---	---	---	3.8	3.3	3.6	4.5	4.1	4.3
21	4.7	3.0	4.0	---	---	---	3.5	3.2	3.4	4.5	4.2	4.4
22	4.3	3.0	3.9	---	---	---	3.5	3.1	3.4	4.6	4.0	4.4
23	4.5	3.1	3.8	4.0	3.7	3.9	3.5	3.1	3.4	4.5	3.9	4.2
24	4.7	3.4	4.0	4.0	3.4	3.6	3.3	3.0	3.1	4.7	4.1	4.4
25	4.8	3.9	4.5	3.8	3.4	3.6	3.2	3.1	3.1	4.9	4.3	4.6
26	4.6	3.4	4.1	4.4	3.5	3.8	---	---	---	4.8	4.3	4.6
27	4.9	3.1	4.1	4.2	3.5	3.9	---	---	---	4.7	4.2	4.5
28	4.7	3.2	4.0	4.3	3.4	4.0	---	---	---	4.9	4.3	4.6
29	4.9	3.3	4.2	4.4	3.4	4.1	---	---	---	4.8	4.3	4.5
30	4.6	3.0	3.8	4.5	4.1	4.3	---	---	---	4.7	3.6	4.3
31	---	---	---	4.4	3.6	4.1	---	---	---	---	---	---
MONTH	4.9	3.0	4.1	4.5	3.1	3.7	4.8	3.0	3.9	4.9	3.6	4.3
YEAR	6.7	3.0	4.1									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	210	110	135	730	110	226	100	90	98	90	80	84
2	230	110	140	530	110	184	100	90	95	90	80	84
3	280	110	156	520	110	177	100	90	93	90	70	80
4	280	110	155	910	120	214	100	90	93	80	70	80
5	180	110	133	370	120	162	100	90	93	90	80	82
6	220	110	135	160	110	128	100	90	98	90	80	82
7	350	120	156	140	110	123	100	90	99	90	70	80
8	490	120	183	130	110	120	100	90	95	80	70	77
9	150	120	128	130	110	120	100	90	94	80	70	76
10	140	110	117	130	120	122	100	90	98	80	70	74
11	280	110	134	130	120	124	100	90	97	80	70	72
12	1320	110	240	130	120	126	100	90	91	80	70	74
13	860	110	226	130	120	124	90	80	90	80	70	78
14	300	110	151	130	120	128	90	80	89	80	70	76
15	130	110	115	130	120	127	100	90	90	80	70	75
16	130	110	114	130	120	126	100	80	92	80	70	73
17	120	110	114	130	120	128	90	80	88	80	70	75
18	120	110	115	130	120	129	90	80	89	80	70	73
19	120	110	118	130	120	127	100	90	91	80	70	71
20	130	110	120	330	110	140	100	80	90	80	70	71
21	130	110	122	120	100	114	100	80	90	80	70	72
22	130	110	121	110	100	107	100	90	91	80	70	72
23	130	110	117	110	100	103	100	90	91	70	60	66
24	120	100	112	110	100	102	90	80	89	70	60	67
25	130	110	114	110	100	105	90	80	84	70	60	64
26	300	110	144	110	100	109	90	70	81	70	60	62
27	180	110	129	110	110	110	90	80	82	70	60	61
28	130	110	119	110	100	105	90	80	87	70	60	62
29	130	110	118	110	100	103	90	80	89	70	50	61
30	130	110	120	100	90	100	90	80	86	60	50	59
31	420	110	159	---	---	---	90	80	88	60	50	57
MONTH	1320	100	137	910	90	130	100	70	91	90	50	72

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	60	50	57	80	70	70	60	50	58	71	60	64
2	60	50	56	70	60	65	80	50	56	72	61	64
3	60	50	57	70	60	66	80	50	61	72	62	64
4	60	50	56	70	60	63	100	50	65	73	62	66
5	60	50	57	70	50	60	80	50	64	74	63	66
6	60	50	58	70	50	59	70	50	60	74	64	67
7	60	50	55	60	50	56	80	50	63	75	65	68
8	70	50	60	60	50	57	100	60	65	76	65	69
9	60	50	60	60	50	53	90	50	63	77	66	72
10	70	60	62	60	50	51	110	50	65	77	67	72
11	70	60	65	60	50	57	60	50	59	78	67	74
12	70	60	65	60	50	58	70	60	60	79	68	76
13	70	60	65	60	50	53	60	50	60	79	69	77
14	70	60	68	80	50	57	70	50	60	90	70	80
15	70	60	68	60	50	53	70	50	59	91	70	80
16	70	60	67	60	50	53	60	50	53	81	81	81
17	70	60	67	60	50	53	60	50	55	92	81	83
18	70	60	67	60	50	53	60	50	57	93	82	84
19	70	60	68	60	50	51	70	50	59	93	83	86
20	70	60	68	60	50	54	70	60	62	94	84	88
21	70	60	68	60	50	53	70	60	61	95	84	88
22	70	60	67	60	50	54	70	60	61	96	85	90
23	70	60	68	60	50	54	70	60	62	96	86	94
24	70	60	65	60	50	55	70	60	63	97	86	94
25	70	60	69	60	50	57	70	60	62	108	97	98
26	70	60	70	60	50	55	70	60	63	108	98	100
27	70	60	69	60	50	59	70	60	62	109	98	101
28	80	60	70	60	50	60	70	60	62	110	99	101
29	---	---	---	60	50	59	70	60	62	110	100	102
30	---	---	---	60	50	59	70	60	62	110	100	100
31	---	---	---	60	50	58	---	---	---	109	90	101
MONTH	80	50	64	80	50	57	110	50	61	110	60	82

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	109	99	102	141	91	97	135	124	128	181	110	132
2	109	99	102	151	91	102	135	125	129	168	108	129
3	109	99	101	131	91	94	146	125	134	136	105	122
4	109	98	101	161	91	133	146	136	137	163	114	123
5	108	98	103	151	90	108	147	136	138	152	102	126
6	108	98	104	100	80	90	147	137	142	161	100	127
7	108	98	106	90	80	88	148	137	141	168	98	128
8	108	97	103	91	80	86	148	138	141	137	96	116
9	107	97	102	91	81	82	149	139	141	135	94	112
10	107	97	101	92	81	84	150	139	142	132	92	100
11	107	97	103	93	82	86	160	140	148	131	90	107
12	106	96	103	93	83	88	159	147	151	139	98	119
13	106	96	104	94	83	90	157	145	148	147	87	109
14	106	106	106	94	84	88	174	144	153	126	85	100
15	126	96	108	95	84	92	172	142	151	100	90	96
16	105	95	104	95	85	94	151	130	141	110	90	93
17	105	95	103	96	86	94	149	128	139	100	90	96
18	115	95	106	97	86	96	138	126	134	120	90	96
19	115	104	107	117	97	100	146	124	135	120	90	100
20	114	104	112	117	97	102	183	132	142	100	90	95
21	114	104	109	128	98	104	142	130	135	100	90	94
22	114	104	106	118	98	104	150	128	134	100	90	98
23	114	93	106	109	99	105	138	117	128	100	90	94
24	103	93	102	110	100	106	135	124	126	100	90	95
25	143	103	106	120	100	109	132	113	122	100	90	91
26	143	93	105	121	101	114	132	111	121	100	90	94
27	153	92	111	161	111	119	130	109	118	100	90	95
28	112	92	102	132	112	119	118	107	114	100	100	100
29	102	92	101	123	112	121	126	105	113	100	100	100
30	102	92	101	163	113	125	125	103	115	100	100	100
31	---	---	---	134	123	126	131	102	117	---	---	---
MONTH	153	92	104	163	80	101	183	102	134	181	85	106
YEAR	1320	50	95									

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

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

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

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

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

02110812 WACCAMAW RIVER AT MT. RENA NEAR MURRELLS INLET, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.7	3.9	4.3	6.6	6.1	6.3	6.9	6.1	6.4	9.1	8.4	8.7
2	4.4	4.1	4.2	6.3	5.6	5.9	6.5	5.7	6.1	8.7	8.3	8.5
3	4.4	3.9	4.2	6.0	5.3	5.6	5.9	5.6	5.8	8.6	8.3	8.5
4	4.4	4.0	4.2	5.7	5.1	5.3	5.9	5.5	5.7	9.1	8.2	8.8
5	4.5	4.2	4.4	5.3	5.0	5.1	6.1	5.6	5.9	9.5	9.0	9.3
6	4.6	4.4	4.5	5.3	4.9	5.0	6.9	6.0	6.5	9.5	9.2	9.4
7	4.8	4.3	4.5	5.3	4.8	5.1	7.2	6.7	7.0	9.5	9.2	9.4
8	4.8	4.3	4.4	5.3	4.9	5.1	7.4	7.1	7.3	9.3	9.1	9.2
9	4.8	4.1	4.5	5.3	5.0	5.2	7.6	7.3	7.5	9.3	9.0	9.2
10	4.9	4.1	4.7	5.9	5.1	5.3	7.6	7.3	7.5	9.3	9.1	9.2
11	5.2	4.9	5.0	5.4	5.2	5.3	7.6	6.9	7.2	9.2	9.0	9.1
12	5.3	4.6	5.0	5.4	5.2	5.3	7.0	6.7	6.9	9.4	9.0	9.2
13	4.9	4.5	4.8	5.7	5.2	5.4	7.2	6.8	7.0	9.4	9.1	9.3
14	4.8	4.4	4.6	6.2	5.6	6.0	7.4	7.0	7.3	9.4	9.0	9.3
15	5.1	4.6	4.8	6.4	6.0	6.2	7.4	7.2	7.3	9.5	9.2	9.4
16	5.2	4.9	5.1	6.3	6.0	6.2	7.7	7.4	7.5	9.6	9.3	9.4
17	5.6	5.2	5.3	6.3	6.0	6.2	7.9	7.6	7.7	9.6	9.1	9.4
18	6.0	5.4	5.7	6.5	6.1	6.3	7.8	7.6	7.7	9.4	8.9	9.2
19	6.3	5.8	6.1	6.8	6.3	6.5	7.8	7.5	7.7	9.4	9.1	9.3
20	6.5	6.1	6.3	6.6	6.0	6.3	7.7	7.5	7.6	9.3	8.7	9.0
21	6.6	6.2	6.4	6.5	6.1	6.3	7.8	7.4	7.6	8.9	8.6	8.8
22	6.7	6.2	6.5	6.5	6.2	6.4	7.9	7.5	7.7	9.2	8.7	8.9
23	6.8	6.4	6.6	6.5	6.3	6.4	7.9	7.4	7.7	9.3	8.9	9.1
24	6.7	6.2	6.5	6.6	6.4	6.5	8.1	7.7	7.9	9.3	9.0	9.2
25	6.4	6.2	6.3	6.9	6.5	6.7	7.8	7.5	7.7	9.3	9.0	9.2
26	6.4	6.1	6.2	6.8	6.6	6.7	7.9	7.3	7.7	9.2	8.9	9.0
27	6.4	6.1	6.2	6.8	6.5	6.6	8.0	7.7	7.9	9.2	8.8	9.0
28	6.5	6.1	6.3	6.6	6.3	6.4	8.3	7.9	8.1	9.5	8.9	9.2
29	6.4	6.1	6.3	6.4	6.2	6.3	8.5	8.1	8.3	9.6	8.9	9.4
30	6.3	6.0	6.2	6.6	6.3	6.4	8.5	8.1	8.3	9.6	9.1	9.4
31	6.6	6.1	6.3	---	---	---	8.8	8.3	8.5	9.5	9.1	9.3
MONTH	6.8	3.9	5.4	6.9	4.8	5.9	8.8	5.5	7.3	9.6	8.2	9.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.5	9.0	9.3	9.9	8.9	9.4	6.7	6.0	6.4	5.6	4.2	5.3
2	9.3	8.9	9.1	9.2	8.4	8.8	7.2	6.3	6.7	5.6	4.6	5.2
3	9.2	8.7	8.9	8.9	8.4	8.6	7.1	6.4	6.9	5.5	4.7	5.2
4	8.9	8.6	8.8	8.6	8.0	8.3	7.2	6.6	6.9	5.4	4.3	5.1
5	8.8	8.5	8.7	8.3	7.9	8.1	7.4	6.4	7.1	5.3	4.7	5.1
6	8.8	8.4	8.6	8.4	7.6	8.1	7.7	6.8	7.4	5.4	4.6	5.2
7	8.5	8.1	8.3	8.4	8.0	8.2	7.6	7.0	7.5	5.5	4.5	5.3
8	8.3	7.7	8.2	8.2	7.5	7.8	7.8	7.0	7.6	5.5	4.1	5.2
9	8.4	7.9	8.2	7.6	7.2	7.3	7.9	7.5	7.7	5.5	5.1	5.3
10	8.6	8.2	8.4	7.2	7.0	7.1	7.9	7.3	7.7	5.5	4.8	5.3
11	8.6	8.4	8.5	7.4	7.0	7.2	7.7	7.3	7.5	5.5	5.2	5.3
12	8.8	8.1	8.6	7.4	7.1	7.2	7.6	7.0	7.4	5.4	4.8	5.2
13	8.8	8.3	8.6	7.7	7.1	7.4	7.5	6.9	7.4	5.2	4.5	5.0
14	8.9	8.3	8.6	7.9	7.2	7.6	7.6	7.1	7.3	5.2	4.6	5.0
15	8.9	8.2	8.6	8.1	7.3	7.8	7.5	6.7	7.1	5.0	4.3	4.7
16	9.0	8.3	8.7	8.0	7.2	7.7	7.2	5.6	6.5	4.9	4.4	4.7
17	8.7	8.4	8.6	8.2	7.2	7.8	6.1	5.3	5.7	5.0	4.5	4.8
18	8.9	8.5	8.7	8.2	7.2	7.7	5.7	5.0	5.5	5.3	4.7	5.0
19	9.0	8.5	8.8	7.9	7.4	7.7	5.9	5.1	5.5	5.4	4.7	5.1
20	9.4	8.7	9.1	8.2	7.1	7.7	6.3	5.5	5.9	5.1	4.5	4.9
21	9.5	9.2	9.3	8.0	7.2	7.6	6.3	5.6	5.9	5.0	4.4	4.7
22	9.5	9.2	9.4	7.8	7.2	7.5	6.2	5.6	5.9	4.6	4.3	4.5
23	9.6	9.1	9.4	7.7	7.1	7.5	5.9	5.2	5.6	5.0	4.1	4.4
24	11.9	9.2	10.2	7.7	7.3	7.5	5.4	4.7	5.2	5.1	4.2	4.7
25	10.1	9.6	9.8	7.7	6.8	7.3	5.2	4.2	5.0	5.5	4.7	5.1
26	9.8	9.4	9.6	7.3	6.6	7.0	5.6	4.7	5.2	5.6	5.0	5.3
27	9.9	9.5	9.7	7.4	6.7	7.1	5.8	4.4	5.3	5.7	5.0	5.4
28	9.9	9.5	9.7	7.1	6.1	6.7	5.9	4.5	5.4	5.9	4.7	5.2
29	---	---	---	7.4	5.8	6.7	6.1	5.0	5.5	5.4	4.5	5.0
30	---	---	---	7.1	6.2	6.6	6.0	4.6	5.5	5.5	4.5	4.9
31	---	---	---	6.8	5.8	6.3	---	---	---	5.1	4.6	4.8
MONTH	11.9	7.7	8.9	9.9	5.8	7.6	7.9	4.2	6.4	5.9	4.1	5.0

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.4	4.5	5.0	5.6	4.5	5.0	3.9	3.8	3.8	4.3	4.2	4.2
2	5.4	4.8	5.1	5.4	4.9	5.1	4.8	3.8	3.9	4.3	4.3	4.3
3	5.3	4.9	5.1	5.4	4.9	5.1	4.1	3.9	4.0	4.3	4.2	4.2
4	5.4	5.1	5.3	5.5	4.9	5.0	4.1	3.9	4.0	4.3	4.2	4.2
5	5.3	4.9	5.1	5.0	4.6	4.9	5.0	4.1	4.2	4.3	4.2	4.3
6	5.3	4.9	5.1	5.0	4.6	4.9	4.4	4.1	4.2	4.3	4.3	4.3
7	5.2	4.6	4.9	5.1	4.6	4.9	4.2	4.1	4.1	4.3	4.2	4.3
8	5.4	4.9	5.1	5.2	4.7	4.9	4.3	4.1	4.2	4.2	4.2	4.2
9	5.7	5.1	5.3	4.9	4.6	4.8	4.3	4.2	4.2	4.3	4.2	4.3
10	5.8	5.3	5.5	4.8	4.4	4.6	4.4	4.2	4.3	4.3	4.3	4.3
11	5.5	5.2	5.4	4.8	4.2	4.5	4.8	4.3	4.5	4.3	4.2	4.3
12	5.4	4.8	5.1	4.8	4.3	4.6	4.7	3.9	4.3	4.4	4.2	4.3
13	5.3	4.8	5.1	4.6	4.0	4.4	4.7	3.7	4.2	4.4	4.3	4.3
14	5.4	5.0	5.3	4.6	4.2	4.5	4.6	3.8	4.2	4.4	3.9	4.2
15	5.5	5.2	5.4	4.6	4.2	4.4	4.5	3.9	4.3	4.2	3.7	4.0
16	5.5	5.1	5.3	4.5	4.2	4.4	4.5	3.8	4.2	3.9	3.5	3.8
17	5.4	5.2	5.3	4.6	4.3	4.4	4.2	3.5	3.8	3.9	3.4	3.7
18	5.3	5.1	5.2	4.5	4.2	4.3	4.1	3.9	4.0	3.8	3.5	3.7
19	5.3	5.0	5.1	4.5	4.1	4.3	4.1	4.0	4.1	3.7	3.3	3.5
20	5.1	4.7	5.0	4.6	4.2	4.4	4.1	4.0	4.1	3.6	3.2	3.4
21	5.5	4.8	5.1	4.5	4.2	4.4	4.1	4.0	4.1	3.5	3.0	3.3
22	5.3	5.0	5.1	4.6	4.3	4.4	4.2	4.0	4.1	3.5	2.9	3.2
23	5.3	4.9	5.0	4.5	4.3	4.4	4.1	4.1	4.1	3.4	3.2	3.3
24	5.3	4.7	5.0	4.4	4.1	4.3	4.1	4.1	4.1	3.4	2.9	3.2
25	5.1	4.8	4.9	4.3	4.1	4.2	4.2	4.1	4.1	3.2	2.9	3.1
26	4.9	4.4	4.7	4.3	4.0	4.1	4.2	4.2	4.2	3.2	2.8	3.1
27	4.7	4.4	4.6	4.2	3.8	3.9	4.2	4.1	4.2	3.4	3.0	3.2
28	4.9	4.4	4.6	4.0	3.7	3.8	4.2	4.1	4.2	3.9	3.2	3.5
29	5.2	4.6	4.8	4.0	3.6	3.8	4.3	4.1	4.2	4.1	3.5	3.8
30	5.2	4.6	4.9	3.8	3.7	3.7	4.3	4.2	4.2	3.7	3.3	3.6
31	---	---	---	3.9	3.7	3.8	4.3	4.2	4.2	---	---	---
MONTH	5.8	4.4	5.1	5.6	3.6	4.5	5.0	3.5	4.1	4.4	2.8	3.8
YEAR	11.9	2.8	6.1									

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 AIW mile 394.7.

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, 17,000 microsiemens, Oct. 8, 1986: minimum, less than 100 microsiemens, many days in 1987.
pH: Maximum, 7.6 units, June 25, 1987; minimum, 5.4 units, Sept. 29, 1987.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 8, 1987; minimum, 5.0°C, Jan. 29, 1987.
DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Feb 23, 1987; minimum, 2.7 mg/L, Sept. 15, 16, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 12,000 microsiemens, Sept. 30; minimum recorded, 100 microsiemens, July 13, and many days in Aug. and Sept.
pH: Maximum recorded, 7.1 units, several days in Aug. and Sept.; minimum recorded, 6.4 units, Aug. 28.
WATER TEMPERATURE: Maximum recorded, 30.5°C, Aug. 17; minimum recorded, 22.0°C, Aug. 13, Sept. 20.
DISSOLVED OXYGEN: Maximum recorded, 7.3 mg/L, Aug. 13; minimum recorded, 3.5 mg/L, Sept. 18-21, 23, 25.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 17,000 microsiemens, Oct. 8; minimum, less than 100 microsiemens, many days.
pH: Maximum, 7.6 units, June 25, 26; minimum, 5.4 units, Sept. 29
WATER TEMPERATURE: Maximum, 31.0°C, several days June-Aug.; minimum, 5.0°C Jan. 29.
DISSOLVED OXYGEN: Maximum, 10.9 mg/L, Feb. 23; minimum, 2.7 mg/L, Sept. 15, 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										3100	150	965
2										1530	130	410
3										6320	130	1540
4										5180	180	1670
5										3690	140	1020
6										1600	130	330
7										1640	130	302
8										4610	130	560
9										>10000	170	---
10										>10000	520	---
11										9790	560	4240
12										9280	260	2760
13										7880	450	3770
14										>10000	900	---
15										>10000	1620	---
16										>10000	1570	---
17										9330	1740	5730
18										9220	1470	5610
19										9820	1400	5690
20										>10000	800	---
21										>10000	540	---
22										>10000	430	---
23										>10000	510	---
24										9530	250	2640
25										9870	280	2410
26										>10000	320	---
27										>10000	510	---
28										>10000	280	---
29										6740	250	2010
30										7510	330	2750
31										6370	190	1800
MONTH										>10000	130	---

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

SPECIFIC CONDUCTANCE (MICROSIEMES/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	3600	170	1020	---	---	---	9700	660	4400	8300	100	1950
2	1040	150	284	950	140	246	9980	660	4470	5200	100	1630
3	9860	150	2220	6100	140	1140	7630	390	3210	3600	100	796
4	9460	480	4210	8570	180	2840	7890	220	2550	3000	200	700
5	9970	250	3370	7720	260	3060	9980	270	3670	2100	100	419
6	9150	300	3210	6240	220	1900	9980	410	4190	600	100	225
7	6850	190	1940	3330	160	756	7110	240	2320	300	100	177
8	4880	150	887	2870	140	482	6180	180	1270	200	100	135
9	4470	140	564	2180	130	336	3370	170	786	200	100	150
10	7900	190	1860	1760	130	208	4960	170	1420	200	100	131
11	6990	250	2380	1970	130	371	4770	190	1630	200	100	123
12	5750	190	1490	2680	120	484	4300	100	1380	200	100	119
13	2810	150	627	180	100	133	7100	200	2450	200	100	117
14	---	---	---	130	110	120	8000	300	3370	1000	100	219
15	---	---	---	1330	110	225	10900	200	4090	2900	100	448
16	---	---	---	2370	110	416	11100	200	3570	3400	100	573
17	---	---	---	3380	110	598	5100	200	1640	9900	100	2190
18	---	---	---	4750	120	804	5400	200	879	7500	300	2960
19	>10000	500	---	9970	130	2000	7400	200	1080	4500	200	1360
20	7560	400	3920	>10000	240	---	5000	200	1620	1800	100	454
21	---	---	---	>10000	300	---	3300	200	554	1000	100	250
22	---	---	---	>10000	180	---	300	100	175	2300	100	488
23	---	---	---	9710	300	3330	200	100	140	5900	100	1510
24	---	---	---	>10000	300	---	200	100	177	3100	100	996
25	---	---	---	>10000	520	---	200	100	140	1500	100	392
26	---	---	---	9430	330	3350	200	100	113	4100	100	842
27	---	---	---	5740	170	1870	200	100	125	3800	100	1320
28	---	---	---	5160	170	1700	200	100	121	9300	200	3570
29	---	---	---	5710	170	1540	200	100	144	11900	1900	6550
30	---	---	---	7280	160	1890	5000	100	1040	12000	1800	6860
31	---	---	---	8210	320	3700	6800	100	1390	---	---	---
MONTH	>10000	140	---	>10000	100	---	11100	100	1750	12000	100	1260
YEAR	12000	100	---									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1							---	---	---	4.7	4.4	4.5
2							---	---	---	4.5	4.2	4.4
3							---	---	---	4.3	4.0	4.2
4							---	---	---	4.2	3.9	4.0
5							---	---	---	4.0	3.8	3.9
6							---	---	---	3.9	3.8	3.8
7							---	---	---	3.9	3.7	3.8
8							---	---	---	3.7	3.6	3.6
9							---	---	---	4.1	3.6	3.9
10							---	---	---	4.3	3.7	3.9
11							6.7	5.7	6.5	4.1	3.7	3.9
12							7.1	6.1	6.5	4.1	3.7	3.9
13							7.3	5.9	6.5	4.0	3.8	3.9
14							6.7	4.9	5.5	3.9	3.7	3.8
15							6.0	5.3	5.7	3.8	3.7	3.7
16							5.9	5.6	5.8	3.8	3.6	3.7
17							5.8	5.6	5.7	3.8	3.6	3.7
18							5.6	5.4	5.5	3.8	3.5	3.7
19							5.6	5.3	5.5	3.7	3.5	3.6
20							5.4	5.2	5.3	3.8	3.5	3.6
21							5.4	5.1	5.2	3.6	3.5	3.5
22							5.3	5.0	5.1	3.7	3.6	3.6
23							5.3	5.1	5.1	3.7	3.5	3.6
24							5.2	4.9	5.0	3.8	3.6	3.7
25							5.1	4.9	5.0	3.8	3.5	3.7
26							4.9	4.7	4.8	3.9	3.6	3.7
27							4.9	4.7	4.8	3.8	3.6	3.7
28							5.0	4.7	4.8	3.8	3.7	3.8
29							6.5	4.8	5.3	3.9	3.7	3.8
30							4.9	4.6	4.7	3.9	3.8	3.8
31							4.7	4.5	4.6	---	---	---
MONTH							7.3	4.5	5.4	4.7	3.5	3.8
YEAR	7.3	3.5	4.5									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11200	1400	6030	15300	3500	9040	4900	100	900	4300	100	650
2	10900	1200	5380	14700	1500	6640	4000	200	733	200	100	188
3	10400	1500	5580	14600	700	5960	200	100	167	200	100	183
4	9500	1100	4780	16000	1000	7080	200	100	181	200	100	188
5	7300	600	3280	12700	800	5360	200	100	181	200	100	160
6	12700	400	4580	9400	400	3250	200	100	167	200	100	165
7	15600	600	7460	9000	300	3120	200	100	181	200	100	175
8	17000	2400	8730	8600	300	3110	200	100	185	200	100	156
9	11500	400	4350	4400	200	1580	200	100	163	200	100	135
10	8300	200	3610	6200	200	1590	200	100	192	200	100	160
11	11900	900	6300	8500	300	3340	200	100	169	200	100	156
12	16700	1700	8400	6100	200	2310	200	100	181	200	100	163
13	16200	3100	10000	6000	200	2130	200	100	173	200	100	148
14	13100	1200	6840	9000	200	3110	200	100	156	200	100	154
15	7400	300	2900	11000	300	3540	200	100	165	200	100	144
16	9000	300	3500	6000	200	1440	200	100	165	200	100	146
17	7600	300	2930	5400	200	1280	200	100	181	200	100	142
18	8100	200	2630	6100	200	1380	200	100	169	200	100	163
19	8100	200	2980	4000	200	919	200	100	188	200	100	142
20	11000	300	3960	12700	200	4590	200	100	158	200	100	146
21	8400	300	3860	1100	200	373	200	100	175	200	100	156
22	9000	300	3820	3400	200	652	200	100	188	200	100	142
23	8200	200	3590	2900	200	596	200	100	181	200	100	154
24	6400	200	3010	300	100	219	200	100	158	200	100	150
25	9400	1500	5150	200	100	188	200	100	160	200	100	129
26	12000	3400	7580	200	100	188	200	100	171	200	100	144
27	9000	1400	5470	200	200	200	200	100	150	200	100	138
28	8900	500	3740	200	100	192	200	100	150	200	100	154
29	8600	500	3910	200	100	192	200	100	158	200	100	133
30	9200	700	4730	200	100	175	200	100	167	200	100	133
31	15100	800	7390	---	---	---	200	100	179	200	100	131
MONTH	17000	200	5050	16000	100	2460	4900	100	213	4300	100	169
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	200	100	121	200	<100	---	200	100	140	200	100	127
2	200	100	113	200	100	135	200	100	123	200	100	148
3	200	100	117	200	100	133	200	100	125	200	100	144
4	200	100	133	200	100	133	200	100	133	200	100	135
5	200	100	125	200	100	138	200	100	148	200	100	144
6	200	100	115	200	100	123	200	100	138	200	100	131
7	200	100	123	200	100	125	200	100	123	200	100	125
8	200	100	135	200	100	115	200	100	129	200	100	133
9	200	100	123	200	100	135	200	100	123	200	100	129
10	200	100	150	200	100	115	200	100	123	200	100	138
11	200	100	150	200	100	123	200	100	125	200	100	148
12	200	100	121	200	100	133	200	100	129	200	100	150
13	200	100	156	200	100	131	200	100	133	200	100	156
14	200	100	135	200	100	110	200	100	113	200	100	138
15	200	100	142	200	100	117	200	100	138	200	100	169
16	200	100	127	200	100	133	200	100	104	200	100	144
17	200	100	146	200	100	113	200	100	113	200	100	148
18	200	100	138	200	100	129	200	100	121	200	100	156
19	200	100	140	200	100	125	200	100	133	200	100	156
20	200	100	140	200	100	108	200	100	121	200	100	146
21	200	100	135	200	100	125	200	100	146	200	100	150
22	200	100	146	200	100	129	200	100	131	200	100	160
23	200	100	144	200	100	117	200	100	129	200	100	142
24	200	100	142	200	100	123	200	100	146	200	100	167
25	200	100	121	200	100	110	200	100	127	200	100	179
26	200	100	163	200	100	125	200	100	125	200	100	171
27	200	<100	---	200	100	121	200	100	125	200	100	175
28	100	<100	---	200	100	129	200	100	127	200	100	192
29	---	---	---	200	100	113	200	100	140	200	100	175
30	---	---	---	200	100	121	200	100	133	300	100	200
31	---	---	---	200	100	121	---	---	---	200	100	185
MONTH	200	<100	---	200	<100	---	200	100	129	300	100	154

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	200	100	194	300	200	254	4200	100	1200	1800	100	323
2	200	100	171	300	100	235	3200	100	746	3400	100	671
3	200	100	192	300	200	250	2700	100	513	4000	100	844
4	200	200	200	300	100	225	2200	100	398	9100	100	1900
5	900	100	292	300	100	250	3600	100	604	4100	100	948
6	6200	200	1170	300	100	250	4500	100	825	500	100	183
7	3400	200	631	300	<100	---	8000	100	1630	200	100	131
8	500	100	246	100	<100	---	12400	100	2210	200	100	138
9	300	100	219	100	<100	---	9800	300	3030	200	100	121
10	1100	100	279	100	<100	---	8100	200	1860	200	100	121
11	15000	200	1600	100	<100	---	4200	100	1160	200	100	108
12	8200	100	1560	100	<100	---	8300	100	2410	100	100	100
13	4900	100	763	100	<100	---	9900	300	3750	100	<100	---
14	500	100	217	100	<100	---	6500	100	2380	100	<100	---
15	300	100	244	100	<100	---	4000	100	958	100	<100	---
16	300	100	233	100	<100	---	2200	100	567	100	<100	---
17	300	100	231	100	<100	---	2600	100	508	100	<100	---
18	300	200	260	100	<100	---	1800	100	350	100	<100	---
19	300	100	260	100	<100	---	2600	100	429	100	<100	---
20	300	200	248	100	<100	---	4200	100	775	100	<100	---
21	300	100	250	100	<100	---	5800	100	1250	100	<100	---
22	300	100	244	1500	<100	---	4500	100	1290	100	100	100
23	400	100	252	4500	<100	---	1900	100	454	100	100	100
24	300	100	260	6200	100	1210	8000	100	1650	200	<100	---
25	6900	200	900	6800	100	1290	7600	300	3070	200	<100	---
26	3500	200	631	3900	100	908	6400	200	1710	100	<100	---
27	300	100	244	2000	<100	---	3900	100	927	100	100	100
28	300	200	254	1400	100	171	1400	100	310	100	100	100
29	300	200	246	3400	100	500	300	100	171	100	100	100
30	300	200	271	4500	100	1470	1300	100	288	100	100	100
31	---	---	---	4600	100	1600	3100	100	600	---	---	---
MONTH	15000	100	425	6800	<100	---	12400	100	1230	9100	<100	---
YEAR	17000	<100	---									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	28.0	26.0	27.0	19.0	18.0	18.5	14.0	14.0	14.0	9.5	8.5	9.0
2	28.5	26.5	27.0	19.0	18.0	18.5	15.0	14.0	14.5	9.0	8.0	8.5
3	28.0	26.5	27.5	19.0	18.0	18.5	14.5	14.0	14.5	8.5	7.5	8.0
4	28.0	24.5	27.0	19.0	18.0	18.5	14.0	13.0	13.5	8.0	7.0	7.5
5	28.0	26.0	27.0	18.5	18.0	18.5	13.5	12.0	13.0	7.5	6.5	7.0
6	27.0	26.5	27.0	19.0	18.5	18.5	12.5	11.5	12.0	7.0	6.0	6.5
7	26.5	25.5	26.0	19.0	18.5	19.0	12.0	11.0	11.5	8.0	6.5	7.0
8	26.0	25.5	25.5	20.0	18.5	19.0	11.5	11.0	11.0	7.5	6.5	6.5
9	25.5	25.0	25.5	21.0	19.0	19.5	12.0	11.0	11.5	7.5	6.0	6.5
10	25.0	24.0	24.5	19.5	19.0	19.5	12.5	11.5	11.5	8.0	6.5	7.0
11	24.0	22.5	23.5	20.0	19.0	19.5	13.0	11.5	12.0	7.5	6.0	7.0
12	23.5	22.5	23.0	19.5	19.0	19.5	12.0	11.5	12.0	7.5	5.5	6.5
13	24.0	23.0	23.5	19.0	16.5	18.5	11.5	10.5	11.5	8.0	6.5	7.0
14	24.0	23.0	23.5	18.0	15.5	16.5	11.0	10.5	11.0	8.5	6.5	7.0
15	23.0	22.0	22.5	16.5	15.0	16.0	11.0	10.5	11.0	8.0	7.0	7.5
16	22.0	21.5	22.0	16.0	15.0	15.5	11.5	10.5	11.0	8.0	7.5	7.5
17	21.5	21.0	21.5	16.0	15.5	16.0	11.0	10.0	10.5	8.0	8.0	8.0
18	21.0	20.5	20.5	16.5	16.0	16.0	10.5	10.5	10.5	8.0	8.0	8.0
19	20.0	19.0	20.0	16.0	15.5	16.0	10.5	9.5	10.0	10.0	8.0	9.0
20	20.0	18.5	19.5	15.5	15.0	15.5	10.5	10.0	10.0	10.0	8.5	9.0
21	19.5	18.5	19.0	15.0	13.5	14.0	10.0	9.0	9.5	9.5	9.0	9.0
22	19.5	18.5	19.0	14.5	13.0	13.5	9.5	8.5	9.0	9.0	8.0	8.5
23	19.5	18.0	18.5	14.0	13.0	13.5	9.0	8.5	8.5	8.0	6.5	7.5
24	19.5	18.0	18.5	14.5	13.5	14.0	10.0	8.5	9.5	8.5	6.5	7.0
25	19.0	18.5	18.5	14.5	13.5	14.0	10.0	9.0	9.5	7.0	6.5	6.5
26	19.5	18.5	19.0	15.0	13.5	14.0	10.0	9.0	9.5	6.5	6.0	6.5
27	20.0	19.0	19.0	16.5	14.0	14.5	10.0	9.0	9.5	6.0	5.5	6.0
28	20.5	18.0	19.0	14.0	14.0	14.0	9.5	9.0	9.0	6.0	5.5	5.5
29	19.0	18.0	19.0	14.5	14.0	14.0	9.5	8.5	9.0	6.0	5.0	5.5
30	19.0	18.0	18.5	14.5	14.0	14.0	9.5	9.0	9.0	7.0	5.5	6.5
31	19.0	18.0	18.5	---	---	---	9.0	8.0	9.0	7.0	6.0	6.5
MONTH	28.5	18.0	22.5	21.0	13.0	16.5	15.0	8.0	11.0	10.0	5.0	7.5

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.0	25.5	29.5	28.5	28.5	30.5	29.5	30.0	27.0	27.0	27.0
2	28.0	25.5	26.0	29.0	28.0	28.5	30.5	29.5	30.0	28.0	27.0	27.5
3	27.5	26.0	26.5	29.0	28.0	28.5	31.0	30.0	30.5	27.5	27.0	27.5
4	26.5	26.0	26.5	29.0	28.0	28.5	31.0	30.0	30.5	27.0	25.5	26.0
5	27.0	26.0	26.5	30.5	28.0	29.0	31.0	29.5	30.5	26.5	25.5	26.0
6	26.5	26.0	26.5	30.5	28.5	29.5	31.0	29.5	30.0	26.0	25.5	25.5
7	27.5	26.0	26.5	31.0	29.0	29.5	30.5	29.0	30.0	26.0	25.0	25.5
8	29.5	26.0	27.0	31.0	28.5	29.5	31.0	29.0	30.0	26.0	25.0	25.5
9	30.5	26.0	27.0	30.5	29.0	30.0	31.0	29.5	30.0	26.5	25.5	25.5
10	31.0	26.0	27.0	30.5	29.0	30.0	30.5	29.5	30.0	26.5	25.5	26.0
11	27.0	26.0	27.0	31.0	29.0	30.0	30.0	28.5	29.5	26.5	25.5	26.0
12	28.5	26.5	27.0	31.0	29.0	30.0	29.5	28.0	29.0	26.5	26.0	26.0
13	27.5	26.5	27.0	31.0	29.0	30.0	29.0	28.0	28.5	26.5	26.0	26.0
14	27.0	26.0	26.5	30.5	29.5	30.0	28.5	27.0	28.0	28.0	25.5	26.5
15	27.5	26.0	27.0	30.5	29.5	30.0	28.5	27.0	27.5	26.5	26.0	26.0
16	28.5	26.5	27.5	30.0	29.0	29.5	28.5	27.5	28.0	26.5	26.0	26.0
17	29.0	27.0	27.5	30.0	28.5	29.0	29.0	27.5	28.5	27.5	25.5	26.5
18	28.5	27.5	28.0	29.0	27.5	28.5	30.0	28.0	28.5	29.5	25.5	26.5
19	28.5	27.5	28.0	29.0	27.5	28.5	30.5	26.5	28.5	27.0	26.0	26.5
20	29.5	27.5	28.0	29.0	27.5	28.5	29.0	26.0	27.5	27.5	24.5	26.0
21	29.5	27.0	28.0	30.0	27.5	29.0	29.5	28.5	29.0	26.5	25.5	26.0
22	31.0	27.5	28.5	30.0	28.0	29.0	29.0	25.5	28.0	26.0	25.0	25.5
23	29.5	28.0	28.5	30.0	28.5	29.5	29.5	26.5	28.0	25.5	25.0	25.0
24	30.0	27.5	28.5	30.0	29.0	29.5	29.0	28.5	28.5	25.5	24.0	25.0
25	29.0	27.5	28.0	30.5	29.0	29.5	29.0	27.0	28.0	25.0	24.0	24.5
26	29.0	27.5	28.0	30.5	29.0	30.0	29.5	27.5	28.5	24.5	23.5	24.0
27	30.0	27.5	28.5	30.5	29.5	30.0	29.5	27.5	28.0	24.0	23.5	24.0
28	29.0	28.0	28.5	30.5	29.5	30.0	29.5	28.5	29.0	24.0	23.5	23.5
29	29.5	28.0	28.5	30.0	29.5	30.0	29.5	28.0	29.0	24.0	23.5	24.0
30	29.0	28.5	29.0	30.5	29.0	30.0	28.5	28.0	28.0	24.0	23.5	24.0
31	---	---	---	30.5	29.5	30.0	28.5	26.5	28.0	---	---	---
MONTH	31.0	25.0	27.5	31.0	27.5	29.5	31.0	25.5	29.0	29.5	23.5	25.5
YEAR	31.0	5.0	19.0									

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	6.8	6.3	6.5	7.5	6.7	7.1	8.2	8.0	8.1
2	---	---	---	6.6	6.0	6.3	7.4	6.3	6.8	8.2	7.9	8.0
3	---	---	---	6.4	5.7	6.0	6.5	5.9	6.1	8.2	7.9	8.0
4	---	---	---	6.3	5.4	5.8	6.1	5.7	5.9	8.1	7.9	8.0
5	---	---	---	5.8	4.9	5.3	6.2	5.6	5.9	8.3	8.0	8.1
6	---	---	---	5.4	4.6	5.0	6.6	5.9	6.3	8.5	8.0	8.2
7	---	---	---	5.2	4.5	4.8	6.9	6.4	6.6	8.7	8.3	8.5
8	---	---	---	4.9	4.5	4.7	7.2	6.8	7.0	9.0	8.5	8.8
9	---	---	---	5.5	4.6	4.8	7.4	7.1	7.2	9.1	8.8	9.0
10	---	---	---	5.6	4.7	5.1	7.5	7.3	7.4	9.3	8.8	9.0
11	---	---	---	5.4	5.0	5.2	7.6	7.2	7.5	9.4	8.6	9.0
12	---	---	---	5.4	4.9	5.2	7.6	7.0	7.3	9.4	8.8	9.2
13	---	---	---	6.6	5.1	5.6	7.4	6.9	7.1	9.1	8.9	9.0
14	---	---	---	6.9	6.0	6.5	7.6	7.2	7.4	9.2	8.8	9.0
15	---	---	---	6.9	6.4	6.6	7.4	7.1	7.2	9.2	9.0	9.2
16	---	---	---	6.6	6.2	6.4	7.3	7.0	7.2	9.5	9.1	9.2
17	---	---	---	6.5	6.0	6.1	7.5	7.0	7.2	9.3	9.1	9.2
18	---	---	---	6.3	5.8	6.0	7.6	7.4	7.5	9.3	9.1	9.2
19	---	---	---	6.3	5.7	6.1	7.6	7.3	7.5	9.3	9.0	9.2
20	5.8	5.4	5.5	7.1	6.3	6.7	7.6	7.2	7.4	9.1	8.5	8.8
21	5.8	5.4	5.6	7.3	6.6	6.9	7.5	7.1	7.3	8.9	8.7	8.8
22	5.8	5.5	5.6	7.1	6.7	6.9	7.8	7.4	7.6	9.3	8.8	9.1
23	5.8	5.5	5.7	6.8	6.6	6.7	7.6	7.0	7.4	10.4	9.2	9.5
24	5.9	5.6	5.7	6.6	6.2	6.5	7.4	7.1	7.3	10.0	9.1	9.3
25	6.0	5.5	5.7	6.8	6.4	6.6	7.8	7.1	7.4	9.4	9.0	9.2
26	6.2	5.5	5.8	7.1	6.7	6.9	7.6	7.2	7.4	9.6	9.0	9.3
27	6.3	5.6	5.9	7.1	6.7	6.9	7.9	6.5	7.6	9.4	9.1	9.3
28	6.2	5.6	5.8	7.0	6.7	6.9	7.9	6.3	7.2	9.4	9.1	9.2
29	5.9	5.6	5.7	6.8	6.4	6.6	8.1	7.8	8.0	9.5	9.2	9.3
30	6.0	5.5	5.7	7.0	6.2	6.6	8.1	7.7	8.0	9.7	9.4	9.5
31	6.5	5.7	6.1	---	---	---	8.5	7.7	8.0	9.7	9.3	9.5
MONTH	6.5	5.4	5.7	7.3	4.5	6.1	8.5	5.6	7.2	10.4	7.9	8.9

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.2	5.5	5.7	5.8	5.1	5.4	5.7	4.5	5.1	4.8	4.1	4.5
2	6.4	5.6	5.8	6.2	5.3	5.6	5.2	4.4	4.9	4.6	3.9	4.2
3	6.7	5.6	5.9	6.4	5.6	5.9	5.8	4.3	5.0	4.7	3.6	4.1
4	6.2	5.7	5.9	6.9	5.6	5.9	5.7	4.9	5.3	5.3	4.2	4.8
5	6.2	5.7	5.9	6.4	5.6	5.9	6.1	5.1	5.4	5.2	4.6	4.9
6	6.1	5.3	5.7	6.6	5.3	5.7	6.1	5.1	5.5	4.6	4.1	4.3
7	5.7	5.2	5.5	6.9	5.2	5.6	5.6	4.7	5.1	4.2	3.7	4.0
8	6.2	5.1	5.4	5.9	5.2	5.5	5.8	4.6	5.0	4.1	3.4	3.8
9	7.9	5.2	5.7	5.8	5.1	5.4	5.2	4.3	4.7	3.9	3.4	3.6
10	8.0	5.7	6.1	5.8	5.1	5.4	5.1	4.2	4.6	3.8	3.3	3.7
11	5.8	5.6	5.7	5.7	4.9	5.3	5.0	4.1	4.5	3.9	3.4	3.6
12	6.1	5.4	5.7	5.5	4.9	5.1	4.9	4.2	4.5	3.8	3.1	3.5
13	6.2	5.5	5.8	5.2	4.7	5.0	5.1	4.2	4.5	3.5	3.1	3.4
14	6.3	5.6	5.9	5.9	4.6	5.1	5.4	4.4	4.7	3.3	2.8	3.1
15	6.4	5.7	5.9	5.3	4.6	4.9	5.8	4.2	4.7	3.2	2.7	3.1
16	6.2	5.6	5.8	5.4	4.8	5.0	5.0	4.0	4.4	3.2	2.7	3.0
17	6.0	5.7	5.8	5.5	4.7	5.1	5.1	4.2	4.5	3.4	2.9	3.2
18	6.5	5.6	5.8	5.9	4.9	5.3	5.3	4.4	4.8	4.0	3.0	3.4
19	5.8	5.4	5.6	5.6	4.8	5.1	5.5	4.4	4.8	3.3	2.9	3.1
20	6.2	5.4	5.6	5.4	4.8	5.0	5.1	4.3	4.6	3.1	2.8	3.0
21	7.2	5.4	5.8	5.9	4.9	5.3	5.2	4.3	4.7	3.0	2.8	2.9
22	6.6	5.6	5.8	6.8	5.2	5.5	5.3	4.2	4.7	3.5	2.8	3.0
23	6.5	5.5	5.7	5.9	5.1	5.3	6.2	4.6	5.1	3.3	2.9	3.1
24	6.6	5.5	5.8	5.7	5.1	5.4	5.3	4.2	4.8	3.3	3.1	3.2
25	5.9	5.4	5.6	6.0	5.0	5.3	6.1	4.4	4.9	3.4	2.9	3.2
26	6.7	5.2	5.6	5.9	4.9	5.2	5.8	4.2	4.9	3.2	2.9	3.0
27	6.0	5.1	5.4	6.2	5.1	5.6	6.0	4.1	4.9	3.3	2.9	3.1
28	5.7	4.9	5.3	6.6	5.1	5.7	5.7	4.5	5.0	3.8	3.1	3.5
29	5.4	4.9	5.1	6.1	4.9	5.6	6.0	4.6	5.0	4.0	3.5	3.8
30	5.4	4.9	5.2	6.1	4.7	5.4	5.6	4.4	5.1	4.3	3.6	3.9
31	---	---	---	6.1	4.5	5.1	5.0	4.4	4.7	---	---	---
MONTH	8.0	4.9	5.7	6.9	4.5	5.4	6.2	4.0	4.9	5.3	2.7	3.6
YEAR	10.9	2.7	6.4									

02110850 WACCAMAW RIVER AT HWY 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, 0.5 mi upstream of the mouth.

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 TERMPEATURE (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;; minimum, 6.0°C Jan. 29, 1987.
WATER TEMPERATURE (Top): Maximum, 31.5°C, July 11 and Aug. 10, 1987; minimum, 5.5°C Jan. 28-30 1987.

EXTERMES FOR CURRENTS YEAR.--
WATER YEAR 1985--SPECIFIC CONDUCTANCE: Maximum recorded, 24,300 microsiemens, July, 18; minimum recorded, less than 100 microsiemens, many days.

WATER YEAR 1986--SPECIFIC CONDUCTANCE (Bottom): Maximum, 39,400 microsiemens, Aug. 30; minimum, less than 100 microsiemens, several days.
SPECIFIC CONDUCTANCE (Top): Maximum, 30,700 microsiemens, Oct. 13; minimum, less than 100 microsiemens, many days.
WATER TEMPERATURE (Bottom): Maximum, 30.5°C, July 20, 21; minimum, 6.5°C, several days in Jan. and Feb.
WATER TEMPERATURE (Top): Maximum, 31.0°C, several days in July and Aug.; minimum, 6.0°C, Jan. 29.

WATER YEAR 1987--SPECIFIC CONDUCTANCE (Bottom): Maximum, 33,000 microsiemens, Oct. 7; minimum, 100 microsiemens, many days.
SPECIFIC CONDUCTANCE (Top): Maximum, 29,200 microsiemens, Oct. 8; minimum, 100 microsiemens, many days.
WATER TEMPERATURE (Bottom): Maximum, 29.0°C, July 10-13, Aug. 3-11; minimum, 6.0°C, Jan 29.
WATER TEMPERATURE (Top): Maximum, 31.5°C, July 11 and Aug. 10; minimum, 5.5°C, Jan. 28-30.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	18700	2300	9980	4600	<100	---	100	<100	---
2	---	---	---	18900	2400	9910	7500	<100	---	100	<100	---
3	---	---	---	18400	2900	9320	9900	100	3450	100	<100	---
4	---	---	---	17600	2400	9600	12200	<100	---	<100	<100	---
5	---	---	---	19000	800	9250	8900	<100	---	<100	<100	---
6	---	---	---	17200	400	8120	5000	<100	---	<100	<100	---
7	---	---	---	14800	900	6420	3000	<100	---	<100	<100	---
8	---	---	---	15400	1600	7300	<100	<100	---	800	<100	---
9	---	---	---	16700	2700	9570	2000	<100	---	1000	<100	---
10	---	---	---	17500	4700	10500	3300	<100	---	2000	<100	---
11	---	---	---	16900	4700	10500	6400	<100	---	2700	<100	---
12	---	---	---	18200	5100	11500	5700	<100	---	9000	<100	---
13	11800	100	2370	19300	5000	11700	3600	<100	---	7300	<100	---
14	12600	700	5160	18400	4600	11200	3600	<100	---	7800	<100	---
15	10700	500	4670	19200	2500	11300	5100	<100	---	9700	<100	---
16	5400	100	1670	20200	2100	11700	6500	<100	---	9000	<100	---
17	8100	100	1740	22800	5100	13200	7900	<100	---	8900	<100	---
18	9100	100	2390	24300	8500	15600	6600	<100	---	8100	<100	---
19	12300	100	2750	23700	8800	16100	6900	<100	---	8600	<100	---
20	13700	400	4780	23300	7300	15000	10500	<100	---	11200	<100	---
21	14100	700	5860	22500	5900	13800	9000	<100	---	10400	<100	---
22	14900	1400	7000	21300	3700	11700	7800	<100	---	11800	<100	---
23	14700	1400	7450	17900	1400	9620	8300	<100	---	13000	<100	---
24	14500	2500	7910	18500	3300	10900	7600	<100	---	13700	100	5430
25	14700	2100	7850	20500	800	11800	3800	<100	---	17000	300	7620
26	15300	1500	7960	11600	<100	---	1800	<100	---	19100	5000	11200
27	19900	5400	11700	11000	<100	---	2600	<100	---	18000	2900	9570
28	21200	6600	13500	10600	100	3490	3000	<100	---	13800	600	5780
29	20900	5900	13400	9900	<100	---	2900	<100	---	13800	1600	7370
30	19100	3900	11300	8400	<100	---	600	<100	---	13600	1000	7020
31	---	---	---	6600	<100	---	<100	<100	---	---	---	---
MONTH	21200	100	6640	24300	<100	10700	12200	<100	3450	19100	<100	7710
YEAR	24300	<100	8770									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10800	600	8150	21300	9300	15500	200	100	147	3400	100	770
2	---	---	---	16500	7500	12000	200	100	124	6800	100	1890
3	15700	7200	11900	20800	7300	16000	900	100	183	6500	100	1870
4	15800	5000	10800	20500	200	8250	200	100	122	4600	100	1380
5	19000	6300	12300	7700	200	2540	200	100	116	8300	100	1910
6	26700	8300	20300	11700	200	4210	200	<100	---	7600	<100	---
7	32300	19400	27200	13800	200	4840	300	100	127	8900	100	3330
8	32600	26400	29600	9700	200	3970	200	100	136	12500	100	5470
9	30800	22200	26300	13300	400	6380	200	100	136	12600	<100	---
10	26000	19000	22800	13000	100	4650	300	100	144	12500	100	4850
11	25100	13900	19900	9500	100	2630	200	100	141	16200	100	7190
12	24900	14200	20200	8500	100	2210	200	100	138	13500	100	5650
13	29700	17700	23900	8800	100	2180	200	<100	---	7300	100	2040
14	28600	15900	22400	8500	100	2070	400	<100	---	8500	100	2310
15	26100	12500	19600	7300	100	1780	200	<100	---	11200	100	3910
16	24100	9100	17000	8400	100	2220	200	100	106	13100	1100	6310
17	24600	8900	16600	4600	100	1000	200	100	172	10700	100	4760
18	25800	12000	18700	4400	100	1340	200	100	131	7900	200	3480
19	22000	13300	18300	6400	200	1550	200	<100	---	13200	100	6740
20	19100	9200	14700	3400	100	864	200	<100	---	10400	100	4060
21	20600	8900	14700	4900	100	930	200	<100	---	17400	5600	11500
22	21400	10900	16000	4100	100	606	500	<100	---	17400	6600	13000
23	19700	11000	15800	9900	100	2830	200	100	128	14800	4400	10200
24	19000	9300	15400	4900	100	1410	200	100	132	21600	7000	15400
25	18900	10000	14500	1600	100	307	200	<100	---	20200	10000	14900
26	22100	10000	17800	400	100	200	400	<100	---	16000	4100	9310
27	22300	9400	17200	300	100	195	600	<100	---	8300	100	2570
28	19700	7500	15300	800	100	239	300	100	139	4900	<100	---
29	31900	12300	23000	1200	100	224	800	100	194	6200	100	1970
30	29900	14900	21900	3600	100	628	2900	<100	---	4400	100	1170
31	22600	13900	18700	---	---	---	3500	100	704	4200	100	1180
MONTH	32600	600	18400	21300	100	3460	3500	<100	169	21600	<100	5330
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3700	100	983	7100	100	1910	400	100	167	22000	7600	15100
2	3000	100	656	8000	<100	---	800	100	252	17000	7000	12500
3	2600	100	706	3800	100	910	4400	100	831	21800	10600	17500
4	7200	100	2230	5100	100	1180	5100	100	1320	22000	11600	17000
5	8700	100	3040	10600	100	3850	3900	100	944	16700	9100	13700
6	9100	100	3700	9800	100	2920	2100	100	604	16600	6000	11500
7	9400	100	2830	7800	100	2520	2500	100	675	18700	6200	11500
8	10100	100	3510	11100	100	5040	9700	100	2400	22800	7100	14200
9	10300	100	3660	10000	100	4610	11500	100	3080	29200	17400	22700
10	9600	100	3080	7000	200	2590	13000	100	5380	26700	16500	22200
11	6000	100	1650	4500	100	1360	12100	100	5520	25100	15200	20200
12	3400	100	923	5400	100	1720	11300	100	4880	24100	13700	19300
13	3700	<100	---	5600	100	2110	12400	1100	6620	24900	18200	21600
14	7100	100	1600	5200	100	1710	15600	4500	10400	27600	17400	21600
15	6000	100	854	2300	100	358	17500	3200	9480	23400	16900	20400
16	6000	100	1620	1300	100	340	13100	1000	7150	24300	16900	20700
17	9600	100	2930	5300	100	1460	24100	5900	17600	23800	14600	19400
18	11600	100	4590	8600	100	3340	26900	18700	23600	22600	15000	19300
19	16900	400	6850	7000	100	1520	27500	17700	22800	23300	13700	18800
20	16900	4000	12600	400	100	158	23800	14700	19200	25200	13600	19700
21	16900	1900	9330	15500	100	3840	22600	10500	17000	26000	13600	19600
22	10600	200	4570	14200	100	7340	21600	8700	14900	26700	12300	19200
23	10600	100	4600	10600	100	3670	23600	9400	15900	28400	12700	19500
24	11000	100	4230	3800	100	763	24500	9700	16300	24900	8900	17700
25	8300	100	2530	1900	100	502	24000	9600	16300	25400	12000	18300
26	10200	100	3660	700	100	277	22100	10000	16000	28200	13600	19900
27	6500	100	1680	500	100	200	25100	12400	17200	29100	14400	20300
28	6800	100	1660	500	100	217	25900	8400	16300	26100	11800	18200
29	---	---	---	1400	100	238	23600	10500	15900	23100	12200	17800
30	---	---	---	400	100	181	21400	12800	17300	23700	12500	18400
31	---	---	---	300	100	160	---	---	---	22600	12700	18100
MONTH	16900	<100	3340	15500	<100	1900	27500	100	10200	29200	6000	18300

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20100	10900	16200	22700	7420	14300	27100	18900	23700	25300	13600	20500
2	18400	8200	13300	18400	5940	13400	27600	17300	22200	22200	11800	17900
3	24600	8500	18300	22000	6950	14600	24700	13300	19600	19200	8400	14200
4	26700	15600	20800	28100	15700	21800	24700	14900	19900	19400	7100	12900
5	22000	15500	17900	22300	14300	19300	26800	16600	21200	18800	5400	12000
6	21600	13800	17600	19100	11500	15900	25700	17000	21700	18200	5100	11500
7	21300	12600	16100	18600	9240	13600	25100	13700	19400	17600	4400	10800
8	18800	6800	13500	20000	6560	12800	24400	11000	17600	15900	1700	8830
9	18200	8400	14200	18900	5580	12500	23300	10500	17100	15000	300	8140
10	23300	11900	18000	19100	6190	12500	23100	11600	17600	13200	1200	7340
11	21400	12400	16100	21900	9710	16800	23700	11900	17800	11200	100	5160
12	19700	9000	14000	23900	7530	14500	27600	11700	20500	8400	100	2970
13	18300	8100	13000	16600	4740	10300	26900	16300	22100	18400	100	5490
14	19200	9600	14700	15500	2560	9350	26300	17700	22200	16800	3100	10500
15	20900	11300	16100	19800	6080	13100	29200	16100	22300	20100	5800	12600
16	19200	9300	14500	19400	7900	14300	30000	16100	23900	21400	6100	13100
17	17600	6900	12600	19800	7920	14100	26500	11000	20200	27500	9300	17500
18	24600	7100	15300	22700	6140	14400	24200	8200	16500	24200	12300	18900
19	25400	14300	20200	26800	10500	17800	26500	9300	16300	21100	9400	15700
20	26400	11600	18300	30400	14400	20800	24100	9600	17200	18300	6300	12800
21	29700	12500	19100	29400	14100	21700	20200	4000	11900	19800	5300	12500
22	27500	13200	20600	27600	14700	21200	14300	300	5920	22100	10000	16600
23	25100	9780	17400	26700	14800	20200	16100	400	7200	23800	15200	19400
24	24000	6400	14600	26600	15600	20600	14800	200	5900	25000	15000	19500
25	22700	9410	15900	26400	17200	21300	13300	200	7140	23300	11600	18800
26	25500	15000	19300	25500	14300	19800	9600	100	3780	26400	14000	20800
27	22300	10400	16200	22400	12600	17800	6700	100	1560	28900	15700	23600
28	18900	7480	13200	24300	12600	18300	7200	<100	---	31300	21800	26800
29	16200	5990	11700	24600	13700	19100	37000	600	18700	31900	22300	27400
30	17200	4410	11200	26500	16300	20900	39400	25700	34600	25200	18700	22500
31	---	---	---	29200	20300	24600	34100	17800	28100	---	---	---
MONTH	29700	4410	16000	30400	2560	16800	39400	<100	17500	31900	100	14900
YEAR	39400	<100	11000									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	22000	2900	12400	<100	<100		1300	<100	---
2	---	---	---	16000	600	6760	<100	<100		2800	<100	---
3	14200	1800	8340	18000	200	6670	<100	<100		3600	<100	---
4	13500	300	6970	13500	<100	---	<100	<100		2500	<100	---
5	15800	1300	7440	3900	<100	---	<100	<100		5200	<100	---
6	21000	1800	7630	6500	<100	---	<100	<100		3900	<100	---
7	27300	6800	13000	7300	<100	---	<100	<100		5100	<100	---
8	26900	11400	18200	7400	<100	---	<100	<100		7800	<100	---
9	27500	14500	19800	8400	<100	---	<100	<100		7700	<100	---
10	26600	14600	21100	10500	<100	---	<100	<100		8600	<100	---
11	27200	9500	18600	6400	<100	---	<100	<100		13300	<100	---
12	26100	9800	18400	6800	<100	---	<100	<100		10500	<100	---
13	30700	13800	22300	6000	<100	---	<100	<100		5000	<100	---
14	29500	11300	20600	7400	<100	---	<100	<100		4200	<100	---
15	26800	7200	17800	5500	<100	---	<100	<100		4300	<100	---
16	25300	4000	13900	4600	<100	---	<100	<100		6100	<100	---
17	24000	3300	13100	2600	<100	---	<100	<100		5700	<100	---
18	25400	6500	14800	2400	<100	---	<100	<100		3000	<100	---
19	21000	6900	13600	1400	<100	---	<100	<100		5700	<100	---
20	19000	2700	9890	2000	<100	---	<100	<100		4300	<100	---
21	21000	2800	9420	1700	<100	---	<100	<100		6800	<100	---
22	19900	3600	10000	1300	<100	---	<100	<100		11200	<100	---
23	17200	4300	10300	4000	<100	---	<100	<100		9900	<100	---
24	19400	4500	8750	2800	<100	---	<100	<100		14400	700	7770
25	19100	3900	9920	300	<100	---	<100	<100		16900	2400	9050
26	19800	7100	13500	<100	<100	---	<100	<100		13600	<100	---
27	19700	3800	12100	<100	<100	---	<100	<100		8100	<100	---
28	18100	5100	11400	<100	<100	---	<100	<100		2600	<100	---
29	20600	8100	14200	<100	<100	---	200	<100		4300	<100	---
30	26000	6800	15200	1400	<100	---	300	<100		2400	<100	---
31	23000	6700	14400	---	---	---	900	<100		2000	<100	---
MONTH	30700	300	13600	22000	<100	8610	900	<100		16900	<100	8410

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1300	<100		3300	<100	---	300	<100	---	21700	5200	13300
2	<100	<100		2900	<100	---	400	100	142	17900	3100	10000
3	300	<100		1200	<100	---	1400	100	421	18700	5600	12100
4	3000	<100		1200	<100	---	2200	100	596	20600	6200	13700
5	4200	<100		5400	<100	---	2700	100	558	20500	5800	13000
6	5300	<100		7400	<100	---	1700	100	419	17700	2400	10800
7	6300	<100		4200	<100	---	1800	100	417	18400	2400	10000
8	5400	<100		7300	<100	---	5800	100	1510	20600	2200	9610
9	8000	<100		7000	<100	---	10300	100	1980	25800	7600	15800
10	6200	<100		6100	<100	---	9700	100	3270	23700	10000	18400
11	4500	<100		2700	<100	---	7300	100	2820	23400	9000	17300
12	600	<100		3100	<100	---	7000	100	2620	24100	4900	13300
13	800	<100		4300	<100	---	7400	100	3300	19900	7700	13000
14	2800	<100		4100	<100	---	9700	500	3780	20600	8000	13900
15	2500	<100		300	<100	---	11500	1600	6430	19600	8800	13800
16	1800	<100		<100	<100	---	13400	200	3900	19500	8600	13700
17	3000	<100		1100	<100	---	8600	500	3460	19400	9600	15000
18	2700	<100		1300	<100	---	10900	3800	6900	21500	9900	15700
19	3500	<100		2700	<100	---	26000	10600	15500	22100	9900	16400
20	6000	<100		<100	<100	---	25800	11400	18400	23200	8300	16200
21	9100	<100		500	<100	---	26200	9100	17600	24100	7500	15600
22	6300	<100		3900	<100	---	22000	3500	12600	21800	6300	14500
23	7500	<100		6400	<100	---	25000	4900	12500	24400	6800	15300
24	7300	<100		600	<100	---	25000	4000	13200	21600	4200	13500
25	4200	<100		200	<100	---	22700	5600	14600	20200	4100	12500
26	7600	<100		600	<100	---	21900	5000	14200	21100	6400	14100
27	4300	<100		500	100	167	23200	5100	14400	24100	6800	15000
28	1800	<100		600	100	181	27300	6100	16000	21800	5800	13300
29	---	---		600	100	165	25200	3900	12200	19500	4800	11500
30	---	---		400	<100	---	20300	5200	11700	20200	6000	12700
31	---	---		200	100	113	---	---	---	18500	4900	10900
MONTH	9100	<100		7400	<100	157	27300	<100	7430	25800	2200	13700

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15600	4100	9480	16300	1220	7490	18900	6100	12000	18400	5800	11200
2	14500	2200	7920	15100	1240	7690	17900	7020	12500	17000	4500	11800
3	16300	1900	9470	16300	1160	6800	17600	7840	12900	17200	3000	9820
4	17900	7400	12200	17900	5580	10800	17300	5260	11300	16700	2600	9550
5	16700	5700	11900	17800	6100	11800	19700	6670	11900	14400	1800	8700
6	17600	6200	11900	16400	4220	10300	19500	7490	13800	16300	1600	7890
7	17300	4100	10600	13500	2640	8030	18400	6510	12600	14200	1000	7040
8	15900	2100	8800	14100	1560	7500	17300	4430	11100	13300	300	5430
9	13200	1700	7060	13900	1280	7380	17700	4140	9660	11000	300	4790
10	15100	4800	9640	14100	1790	6570	16700	4760	11000	9500	200	4140
11	15000	5000	10800	15800	2410	7450	17600	4980	11100	10000	100	3420
12	16600	3800	9710	14600	2820	8010	20400	3700	10900	8000	<100	---
13	15200	2600	7510	13800	945	5860	20800	6400	12600	9700	<100	---
14	14300	3600	8510	11200	563	4370	21600	7300	14000	14700	400	5890
15	15800	3400	8970	10900	782	5800	23700	8800	15900	17500	1300	8560
16	14600	2800	8230	14100	1500	7030	26000	7400	16400	19300	2500	9700
17	13600	1700	7680	14300	1820	8190	23600	4200	14100	21500	4600	13100
18	17600	3100	9630	17100	1840	8640	21300	1600	10500	21800	7500	15200
19	20200	7000	13600	20200	2460	10200	21900	2300	11200	18300	4600	12400
20	22500	6220	14300	22800	5280	13100	21400	4200	12800	16900	2700	9430
21	25600	6240	14200	22100	7000	14600	16200	1100	8990	16300	1300	8030
22	21400	7760	15600	21200	5820	13900	11400	<100	---	15600	2100	8890
23	20700	5380	13800	19300	5740	13100	9900	<100	---	19300	4300	11100
24	20900	2400	11100	20100	6860	13200	9100	<100	---	17800	4800	10400
25	16600	2920	9260	19900	8770	13800	8200	<100	---	16100	1800	7450
26	18700	7240	13100	19200	7690	13400	5500	<100	---	16000	3000	7960
27	19400	5760	12600	17600	6300	11500	1700	<100	---	17200	4200	9890
28	16900	2880	9770	16400	4720	10900	1800	<100	---	21000	6900	13200
29	13700	1290	7390	17000	4640	10500	6800	<100	---	21700	10600	16200
30	12100	606	6490	17600	3760	9550	17900	2200	7010	21800	10600	17100
31	---	---	---	16800	5680	10600	20100	4500	9320	---	---	---
MONTH	25600	606	10400	22800	563	9610	26000	<100	11900	21800	<100	9580
YEAR	30700	<100	10600									

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
BOTTOM

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	26.0	26.5	28.5	28.0	28.0	30.0	29.5	30.0	23.5	23.0	23.0
2	26.5	26.0	26.5	28.5	28.0	28.5	30.0	29.5	30.0	23.5	23.0	23.5
3	26.5	25.5	26.0	28.5	28.0	28.5	30.0	29.5	30.0	24.0	23.0	23.5
4	25.5	25.0	25.5	28.5	28.0	28.5	30.0	29.0	29.5	24.5	23.5	23.5
5	26.0	25.0	25.5	28.0	28.0	28.0	29.5	29.0	29.0	24.5	23.5	24.0
6	26.0	25.5	25.5	28.5	28.0	28.0	29.5	29.0	29.0	24.0	23.5	24.0
7	26.5	25.5	26.0	28.5	28.0	28.5	29.0	28.5	29.0	24.5	23.5	24.0
8	27.0	26.0	26.5	29.0	28.5	28.5	29.0	28.5	28.5	24.5	23.5	24.0
9	27.0	26.5	26.5	29.0	28.5	28.5	28.5	28.5	28.5	24.5	23.5	24.5
10	27.0	26.5	26.5	29.0	28.5	28.5	29.0	28.5	28.5	24.5	23.5	24.5
11	27.0	26.5	26.5	29.0	28.5	28.5	29.0	28.5	28.5	25.5	24.0	24.5
12	27.0	26.5	27.0	29.0	28.5	29.0	28.5	28.0	28.5	25.5	23.5	25.0
13	27.5	27.0	27.5	29.5	28.5	29.0	28.0	27.5	28.0	26.0	24.5	25.5
14	27.5	27.5	27.5	29.5	29.0	29.0	28.0	27.0	27.5	25.5	25.0	25.5
15	27.5	27.0	27.0	29.5	29.0	29.5	27.5	26.5	27.0	26.0	25.0	25.5
16	27.0	27.0	27.0	29.5	29.5	29.5	27.0	26.0	26.5	26.0	25.5	25.5
17	27.5	27.0	27.5	30.0	29.0	29.5	27.0	26.0	27.0	26.0	25.0	25.5
18	27.5	26.5	27.5	30.0	29.5	29.5	27.5	27.0	27.0	25.0	24.5	24.5
19	27.0	26.5	26.5	30.0	29.5	30.0	27.5	27.0	27.0	25.0	24.5	24.5
20	27.5	26.5	27.0	30.5	29.5	30.0	27.5	27.0	27.0	25.0	24.5	25.0
21	27.0	26.5	27.0	30.5	29.5	30.0	27.5	27.0	27.0	25.5	25.0	25.0
22	27.0	26.5	26.5	30.0	29.0	29.5	27.5	27.0	27.0	25.5	25.0	25.5
23	27.0	26.5	26.5	29.5	29.0	29.0	27.5	27.0	27.0	26.0	25.5	25.5
24	27.0	26.5	26.5	29.5	29.0	29.5	27.5	27.0	27.5	26.0	25.5	26.0
25	27.0	26.5	27.0	29.5	29.5	29.5	27.5	27.0	27.5	26.5	25.5	26.0
26	27.0	27.0	27.0	29.5	29.0	29.5	27.5	26.0	27.0	26.5	26.0	26.5
27	27.5	27.0	27.0	29.5	29.0	29.0	27.0	25.5	26.5	27.0	26.5	26.5
28	28.0	27.0	27.5	29.5	29.0	29.0	26.5	25.5	26.0	27.5	26.5	27.0
29	28.0	27.5	27.5	29.5	29.0	29.5	26.0	21.0	24.5	28.0	27.0	27.5
30	28.0	27.5	28.0	29.5	29.0	29.5	25.5	24.0	24.5	28.0	27.5	28.0
31	---	---	---	30.0	29.5	29.5	24.0	23.0	23.5	---	---	---
MONTH	28.0	25.0	27.0	30.5	28.0	29.0	30.0	21.0	27.5	28.0	23.0	25.0
YEAR	30.5	6.5	20.0									

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
TOP

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued
TOP

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

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25400	16800	21200	29800	19300	23900	24200	2200	13900	24400	300	7760
2	26400	16100	21000	29100	17300	22400	20400	5100	12000	5400	200	1390
3	26900	16700	21900	29100	14700	22000	9000	200	2960	2900	200	619
4	28000	16500	22000	30300	16800	23200	7600	200	1860	5500	200	1120
5	27900	14600	21400	28800	15600	21600	8600	200	2350	17100	200	5230
6	31900	15600	24700	25800	13000	19000	9000	200	2970	12900	200	4630
7	33000	23100	27400	25900	13800	19300	6200	300	2370	5600	200	1010
8	31700	22300	26900	24600	14200	19200	4100	200	1280	800	200	310
9	27300	17900	23100	21500	10900	17000	4100	200	1130	3600	200	575
10	28400	16600	22000	21500	11500	16100	4000	200	1150	3700	200	671
11	32100	17600	25600	23000	14900	19300	6900	200	2060	300	200	252
12	29500	23400	26400	21700	12300	17200	7800	200	2350	400	200	254
13	29200	21300	24900	22900	13300	17300	6900	200	2640	2400	200	498
14	26500	17100	22300	27000	13500	21700	12500	300	5610	2000	200	440
15	24800	14800	19800	28500	17700	22400	13000	200	4610	700	200	277
16	25500	14900	20100	22100	13100	17900	7700	200	2180	700	200	296
17	25200	15000	19700	22000	11800	16500	6400	200	1760	2900	200	575
18	24500	14000	19100	22800	9800	16900	8300	200	1820	4000	200	856
19	24500	14600	19900	24300	9800	17700	5500	200	1290	400	200	225
20	25800	18000	21200	26500	16900	20300	12600	200	3790	300	200	256
21	24900	16600	21300	21600	8300	16300	16900	300	8420	1400	200	323
22	25400	18000	21700	20900	13700	17700	15900	2300	10200	4800	200	1120
23	25100	17600	21600	21300	11600	16600	15200	1100	9100	300	200	258
24	25000	19000	21700	18000	6100	12600	13200	200	4530	300	200	258
25	28100	20700	23800	13600	4500	9280	4800	200	706	300	200	258
26	28100	20100	24300	14700	1300	8850	1100	200	342	300	200	271
27	26300	17900	22800	10000	500	4600	11100	200	2970	500	200	285
28	22400	15900	19900	12500	600	5970	10300	200	3770	300	200	258
29	22300	15100	18900	14300	500	6650	10700	200	3410	300	200	219
30	23700	15600	19400	17500	300	7830	8900	200	2050	300	200	215
31	28200	16100	22600	---	---	---	7500	200	2070	300	200	215
MONTH	33000	14000	22210	30300	300	16580	24200	200	3795	24400	200	998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	300	100	221	300	200	238	300	200	217	200	100	185
2	300	200	217	300	200	221	300	200	221	200	100	188
3	300	200	210	300	100	208	300	100	210	200	100	179
4	300	200	217	300	200	231	300	200	227	200	100	196
5	300	200	229	300	200	246	300	200	227	7500	200	538
6	300	200	225	300	200	233	400	200	217	7200	200	1160
7	300	200	225	300	100	202	4600	100	442	300	100	192
8	300	100	219	200	200	200	1000	100	233	200	100	192
9	300	200	238	200	100	188	400	200	213	400	200	213
10	300	100	233	300	200	221	900	100	292	300	200	208
11	300	200	227	300	200	225	300	100	200	300	200	208
12	300	200	204	300	200	235	200	100	188	300	100	204
13	300	200	213	300	100	227	200	100	183	600	100	231
14	300	200	235	300	100	213	900	100	273	2500	100	338
15	400	200	265	300	100	208	500	100	240	1200	100	302
16	2600	200	610	300	100	200	200	100	200	1800	100	321
17	600	200	313	300	200	217	300	100	198	3300	100	681
18	500	300	310	300	200	225	200	100	198	3000	200	644
19	400	200	317	300	200	213	300	100	200	1300	100	375
20	400	300	315	300	100	213	400	200	217	2200	200	583
21	800	300	367	300	100	204	600	100	238	10900	200	3680
22	2800	300	758	300	100	208	700	100	269	12000	200	6010
23	400	300	310	200	100	196	700	100	269	8900	200	4040
24	500	200	329	300	100	204	500	200	238	7800	200	2650
25	2600	200	588	200	100	196	300	200	217	7700	200	2270
26	4200	200	802	200	100	192	2100	100	390	10000	200	3120
27	4400	200	1070	200	100	192	2500	100	525	13500	200	6080
28	3300	200	735	200	100	188	700	100	252	12700	600	7630
29	---	---	---	200	100	196	200	200	208	11900	300	6710
30	---	---	---	200	100	192	200	100	185	12200	300	5850
31	---	---	---	300	200	210	---	---	---	11500	200	5690
MONTH	4400	100	364	300	100	211	4600	100	246	13500	100	1963

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued
BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11500	300	5380	9900	200	3280	19600	10300	15400	17600	7100	13300
2	11700	200	5770	6300	200	1820	20200	9700	15200	17700	8600	13900
3	13500	1500	8400	3000	200	952	20300	8400	14800	17100	8300	13700
4	19900	8900	15400	4800	200	1070	18300	2000	10500	18800	8400	15100
5	21600	9300	16800	7600	200	1720	20500	6700	12700	14400	4800	10300
6	23200	11700	18000	10300	200	3230	22000	7700	14500	5800	400	3110
7	19400	8400	14500	15700	200	6150	24000	11700	17600	2300	300	923
8	15700	4200	11100	14600	200	6790	26200	12300	18200	1000	200	371
9	14700	200	7770	13900	100	5620	25000	12300	18700	300	200	248
10	18400	300	7100	15000	100	5490	22200	9500	16500	300	200	240
11	23300	7700	15600	15400	100	6050	23300	9700	15700	300	200	210
12	22300	5300	14500	14800	200	6700	24200	13100	19500	300	200	208
13	19500	1300	10800	14600	200	6730	23900	15200	20000	300	200	202
14	18600	300	8300	13100	200	4830	21600	13700	18000	300	100	202
15	14300	300	6550	9100	200	3470	19500	10200	15900	600	100	229
16	13800	500	7130	10900	200	4660	18700	9600	14500	300	100	192
17	14100	1800	8510	14000	200	7230	19700	9800	14700	200	100	183
18	15300	2600	10000	12700	800	7410	20000	9400	14500	200	100	183
19	16300	4700	11600	13400	300	6860	20900	10400	16000	300	100	200
20	14800	3000	9750	15100	200	7970	20200	11400	16500	1500	100	354
21	12200	200	6590	17800	2000	9850	21000	11100	16800	900	100	296
22	13000	200	6020	21100	4700	12600	20100	11400	16200	300	100	204
23	16500	700	8200	22000	9700	17500	18000	6200	12900	300	200	219
24	15400	600	8070	22900	12600	17800	25700	10900	17600	500	200	227
25	22000	6200	14500	20800	13800	17400	20500	12700	17300	300	200	204
26	18200	5700	13000	18900	9700	15300	18400	10700	14800	300	200	215
27	14500	300	8390	16900	5400	11700	16700	8700	12900	3600	200	504
28	16000	2300	9220	17700	6500	11800	15300	6100	10700	2900	200	548
29	15900	3600	9920	18600	8400	14600	16500	5100	10300	1500	200	400
30	14500	300	6250	20200	11500	17000	18300	7500	13100	2100	200	490
31	---	---	---	20900	12500	17600	18900	9400	14300	---	---	---
MONTH	23300	200	10100	22900	100	8425	26200	2000	15360	18800	100	2555
YEAR	33000	100	6950									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23900	10400	18000	26300	14300	20400	15300	900	8250	15700	100	4400
2	24100	10900	17900	25500	12100	18700	15400	1800	7150	4100	100	773
3	25500	11300	18800	25900	9200	17900	5700	100	1730	1000	100	273
4	26300	10700	18800	28600	10300	18900	4400	100	994	2000	100	467
5	26500	8800	17700	22800	9200	16700	4900	100	1150	5200	100	1410
6	26200	8600	17400	21700	5800	14000	5800	100	1420	4800	100	1200
7	26300	10700	19100	21200	5200	13100	3200	100	967	2200	100	392
8	29200	13700	21200	19700	6200	12900	1500	100	492	300	100	117
9	24100	9200	16400	18500	4500	11400	1900	100	529	1100	100	192
10	23200	7100	14800	15800	4400	10300	1700	100	433	900	100	192
11	24300	12100	18100	18500	7500	13000	2800	100	721	100	100	100
12	26000	12300	19000	18600	6200	12200	3100	100	875	100	100	100
13	27000	14700	20900	18000	6600	12700	3000	100	785	500	100	158
14	25900	13100	19600	21300	7200	14100	6400	100	2210	700	100	171
15	21000	7900	14900	22100	8000	14900	6300	100	1770	400	100	121
16	21800	8700	15400	20600	5600	11600	3700	100	877	400	100	125
17	20900	8300	14500	19600	3300	10500	3200	100	746	900	100	223
18	19800	6900	13600	18700	2800	9420	3600	100	733	1300	100	240
19	20600	7100	13900	15700	2500	8350	3000	100	567	200	100	104
20	22300	8200	14800	19600	6500	12500	5100	100	1270	200	100	106
21	21400	8000	14500	11400	2210	6230	9200	100	2240	500	100	129
22	19900	7600	13400	13400	1720	6000	7100	100	2390	2000	100	358
23	19200	7200	12800	11800	2740	6600	5700	100	2260	100	100	100
24	18000	6100	11500	9650	470	4200	6800	100	1800	100	100	100
25	18000	7800	13200	8080	580	3270	1200	100	217	100	100	100
26	21800	11300	16200	8500	100	4150	500	100	133	100	100	100
27	20800	10300	15600	6500	100	1720	3900	100	896	400	100	117
28	19900	7700	13200	7600	100	3220	6900	100	1860	100	100	100
29	19900	8000	13800	10600	100	3740	6400	100	1680	100	100	100
30	20400	9400	15300	10700	100	4900	5800	100	1090	100	100	100
31	25000	10200	19000	---	---	---	4500	100	1060	100	100	100
MONTH	29200	6100	16240	28600	100	10590	15400	100	1590	15700	100	396

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	100	100	100	100	100	102	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	1600	100	263
7	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	300	100	117	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	200	100	104
13	100	100	100	100	100	100	100	100	100	300	100	108
14	100	100	100	100	100	100	500	100	131	700	100	138
15	100	100	100	100	100	100	300	100	117	400	100	133
16	2300	100	396	100	100	100	100	100	102	1400	100	152
17	200	100	104	100	100	100	100	100	100	1100	100	231
18	200	100	104	100	100	100	100	100	100	2100	100	358
19	100	100	100	100	100	100	100	100	100	900	100	188
20	100	100	100	100	100	100	100	100	100	700	100	233
21	400	100	125	100	100	100	200	100	113	5700	100	1640
22	1400	100	300	100	100	100	200	100	108	8700	100	3320
23	100	100	100	100	100	100	300	100	125	7300	100	2500
24	300	100	113	100	100	100	100	100	100	4100	100	1430
25	1200	100	271	100	100	100	100	100	100	5300	100	1330
26	1700	100	379	100	100	100	900	100	179	8500	100	2150
27	1700	100	494	100	100	100	1300	100	200	12000	100	3770
28	2000	100	429	100	100	100	200	100	121	10200	100	4630
29	---	---	---	100	100	100	100	100	100	9500	100	4360
30	---	---	---	100	100	100	100	100	100	8300	100	3590
31	---	---	---	100	100	100	---	---	---	8400	100	3060
MONTH	2300	100	161	100	100	100	1300	100	110	12000	100	1119

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8300	100	2770	6600	100	1410	17000	4100	10400	12600	1600	6900
2	7700	100	2220	4300	100	858	17800	3000	9370	15900	1800	7900
3	7600	100	2920	1600	100	496	16600	2400	9340	15700	1900	8660
4	11500	700	4170	2900	100	492	17300	1300	8790	18300	5500	11300
5	12800	1800	6380	4400	100	821	18900	1600	9330	12000	2100	8110
6	14500	3100	8440	6900	100	1210	19700	2000	10200	5700	200	2800
7	15400	1600	8330	9100	100	2500	21400	3200	12000	2300	100	919
8	14000	600	7210	11900	100	3540	25200	4000	13300	800	100	263
9	12900	100	5110	12200	100	3320	24100	5400	15200	300	100	131
10	15700	100	4870	13100	100	3460	21400	3300	13300	300	100	115
11	20900	2000	9760	13200	100	3630	21500	4200	12400	100	100	100
12	21000	2000	10900	11700	100	4080	21900	6400	13900	100	100	100
13	17300	400	8170	10800	100	4280	24000	8300	15500	100	100	100
14	16100	100	5710	11000	100	3150	21600	6300	13200	100	100	100
15	11500	100	4300	7200	100	2280	16800	4600	10200	200	100	104
16	11000	200	4510	9200	100	2630	16200	2600	8500	100	100	100
17	11900	500	5530	9500	100	4050	15700	2000	8250	100	100	100
18	13000	500	6060	9400	100	4290	13300	1200	6790	100	100	100
19	13300	800	6130	8200	100	3340	16200	1800	7530	100	100	100
20	12300	400	5180	9700	100	3820	17000	1900	7950	700	100	163
21	11000	100	4250	12100	200	4540	18200	3200	9720	600	100	150
22	11700	100	3630	16700	300	5920	20100	4200	11700	100	100	100
23	12300	100	4470	18400	3200	10500	15300	1600	8740	100	100	100
24	12300	100	4160	18400	3500	10200	21500	3300	11200	300	100	117
25	17200	1100	6710	18200	3500	11000	17700	7100	12800	100	100	100
26	12500	1200	7200	16700	3300	10300	16600	4400	11200	300	100	115
27	11800	100	4350	13600	1100	7800	15200	3800	9670	1100	100	231
28	10300	600	4240	13000	1600	6820	15600	1700	7670	1200	100	283
29	8900	400	4010	15600	3100	8980	13500	900	6630	800	100	200
30	7800	100	2970	16400	4900	10700	15900	1700	7460	1400	100	308
31	---	---	---	18900	5500	11000	15700	2700	8470	---	---	---
MONTH	21000	100	5489	18900	100	4884	25200	900	10350	18300	100	1662
YEAR	29200	100	4424									

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

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued
BOTTOM

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

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

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued
TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28.5	26.0	26.5	28.5	27.5	28.0	31.0	29.5	30.0	29.5	28.5	29.0
2	28.0	26.0	27.0	29.0	28.0	28.0	31.0	29.5	30.5	29.0	28.5	29.0
3	29.5	26.5	27.5	28.5	27.5	28.0	31.0	30.0	30.5	28.5	28.0	28.5
4	27.5	26.5	27.0	29.0	27.5	28.0	31.0	30.0	30.5	28.0	26.5	27.5
5	27.5	26.0	27.0	29.5	27.5	28.0	31.0	30.0	30.5	27.0	26.0	26.5
6	28.0	26.0	27.0	29.5	28.0	28.5	31.0	29.5	30.5	26.5	25.5	26.5
7	28.0	26.0	27.0	30.0	28.0	29.0	31.0	30.0	30.5	26.5	26.0	26.0
8	28.5	26.5	27.5	30.5	28.5	29.5	31.0	30.0	30.5	26.5	26.0	26.0
9	28.0	27.0	27.5	30.5	29.0	29.5	31.0	30.5	30.5	27.0	26.0	26.5
10	28.0	27.0	27.5	31.0	29.5	30.0	31.5	30.5	30.5	27.0	26.0	26.5
11	27.5	27.0	27.5	31.5	30.0	30.5	30.5	29.5	30.5	27.0	26.5	26.5
12	28.0	27.0	27.0	31.0	30.0	30.5	30.0	29.5	29.5	26.5	26.0	26.5
13	27.5	27.0	27.0	31.0	30.0	30.0	29.5	29.0	29.5	26.5	26.0	26.5
14	27.0	26.5	27.0	31.0	29.5	30.0	29.0	28.0	28.5	28.5	26.0	26.5
15	28.0	26.5	27.0	30.5	29.5	30.0	28.5	28.0	28.5	27.0	26.0	26.5
16	28.0	26.5	27.0	30.5	29.5	30.0	30.0	28.0	29.0	26.5	26.0	26.0
17	29.0	27.0	27.5	30.0	29.0	29.5	30.0	28.5	29.0	26.5	26.0	26.0
18	28.5	27.5	28.0	29.5	28.0	29.0	30.5	28.5	29.5	26.5	25.5	26.0
19	28.5	27.5	27.5	29.5	28.0	29.0	31.0	29.0	29.5	26.5	26.0	26.0
20	28.0	27.0	27.5	30.0	28.0	29.0	30.5	29.0	30.0	26.5	26.0	26.5
21	28.5	27.5	28.0	30.0	28.0	29.0	30.5	29.0	30.0	26.5	26.0	26.0
22	28.5	27.5	28.0	31.0	28.5	29.5	30.0	29.5	30.0	26.0	25.5	25.5
23	28.5	28.0	28.0	30.5	29.5	30.0	30.5	29.0	29.5	25.5	25.0	25.0
24	29.0	27.5	28.5	30.5	29.5	30.0	30.0	28.5	29.5	25.0	24.5	25.0
25	28.5	27.5	28.0	30.0	29.5	30.0	29.5	28.5	29.0	24.5	24.0	24.5
26	29.0	27.5	28.0	31.0	29.5	30.0	30.0	29.0	29.0	25.0	23.5	24.0
27	28.5	27.5	28.0	31.0	29.5	30.0	30.0	29.0	29.5	24.0	23.5	23.5
28	28.5	27.5	28.0	31.0	29.5	30.0	31.0	29.0	29.5	24.0	23.0	23.5
29	29.0	27.5	28.0	30.0	29.5	30.0	30.5	29.0	29.5	24.5	23.0	23.5
30	28.5	28.0	28.0	30.5	29.5	30.0	30.0	29.0	29.5	24.0	23.5	23.5
31	---	---	---	31.0	29.5	30.0	29.5	29.0	29.0	---	---	---
MONTH	29.5	26.0	27.5	31.5	27.5	29.5	31.5	28.0	29.5	29.5	23.0	26.0
YEAR	31.5	5.5	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 miles northwest of Wallace.

DRAINAGE AREA.--26.4 mi^2.

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

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

REMARKS.--Records fair, except for estimated daily discharges, Jul. 21,22, which are poor.

AVERAGE DISCHARGE.--8 years, 30.4 ft^3/s, 15.64 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, 799 ft^3/s, Mar. 3, gage height, 6.96 ft (from maximum indicator); minimum, 1.8 ft^3/s, Oct. 7, gage height, 1.22 ft.

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	2.3	8.9	37	29	48	360	78	25	8.7	25	4.9	8.4
2	2.2	9.7	44	36	44	636	79	31	19	14	11	9.6
3	2.2	10	54	37	40	732	76	32	14	37	13	11
4	2.2	11	49	35	37	356	72	30	18	65	12	9.8
5	2.1	12	43	28	34	85	67	27	20	78	10	13
6	2.1	12	34	24	31	78	62	22	15	71	8.9	16
7	2.1	10	28	22	35	77	55	18	15	45	9.4	29
8	2.8	9.9	25	21	39	73	47	15	11	24	8.3	46
9	5.7	9.9	24	21	39	70	39	13	7.7	54	9.0	61
10	12	9.6	26	25	35	67	33	12	6.2	54	12	79
11	16	9.4	29	30	28	67	29	11	5.5	28	9.9	88
12	20	12	39	33	25	65	28	10	5.0	14	8.6	86
13	21	13	52	33	24	62	26	9.5	4.7	11	9.2	78
14	25	13	52	26	23	58	25	11	7.6	12	8.4	64
15	17	23	45	23	24	53	31	14	7.8	17	8.0	53
16	12	28	34	22	30	48	52	18	13	16	8.3	39
17	11	29	29	26	52	43	62	16	18	11	9.9	22
18	9.4	30	26	33	65	38	66	13	19	8.3	13	15
19	8.2	23	24	85	74	42	65	10	21	7.1	11	13
20	7.6	23	23	143	73	56	61	12	21	6.6	8.6	12
21	7.2	26	22	156	67	64	56	17	13	5.6	7.3	11
22	7.0	25	21	172	57	67	49	20	9.4	4.8	11	11
23	6.9	26	20	242	54	64	39	16	9.1	4.5	11	9.8
24	6.8	21	29	191	52	59	35	12	8.4	4.1	15	8.6
25	7.3	40	40	144	52	53	38	9.8	9.0	3.7	10	8.1
26	10	82	42	134	44	49	37	11	26	3.3	7.6	7.7
27	12	87	39	124	49	46	36	9.6	59	2.9	6.7	7.6
28	13	79	29	111	83	51	31	7.8	88	2.9	6.1	7.4
29	14	42	24	84	---	57	26	7.4	97	2.9	5.9	7.6
30	11	30	23	64	---	63	22	7.1	73	3.1	5.5	7.4
31	9.5	---	21	53	---	73	---	6.8	---	3.6	6.0	---
TOTAL	287.6	764.4	1027	2207	1258	3712	1422	474.0	649.1	639.4	285.5	839.0
MEAN	9.28	25.5	33.1	71.2	44.9	120	47.4	15.3	21.6	20.6	9.21	28.0
MAX	25	87	54	242	83	732	79	32	97	78	15	88
MIN	2.1	8.9	20	21	23	38	22	6.8	4.7	2.9	4.9	7.4

CAL YR 1986 TOTAL 5744.4 MEAN 15.7 MAX 87 MIN .24
WTR YR 1987 TOTAL 13564.9 MEAN 37.2 MAX 732 MIN 2.1

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.--Records fair, except for estimated daily discharges Jul. 17-21, which are poor.

AVERAGE DISCHARGE.--28 years, 160 ft^3/s, 20.12 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,770 ft^3/s, Jul. 16, 1975, gage height, 11.29 ft; minimum 17 ft^3/s Jun. 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. 22	1000	683	9.51	Mar. 2	1800	*921	*10.03

Minimum discharge, 22 ft^3/s Oct. 7-8, gage height, 3.43 ft.

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	26	59	226	128	241	566	395	139	62	136	40	57
2	25	62	202	180	227	880	385	141	109	112	44	63
3	24	65	226	198	220	792	377	145	102	178	41	65
4	23	66	229	223	210	533	345	158	136	198	44	60
5	22	66	228	281	201	417	296	164	307	240	40	84
6	22	65	226	246	185	350	264	148	289	243	36	135
7	22	64	190	184	181	307	248	130	251	154	52	217
8	23	60	150	146	186	302	235	117	189	125	56	274
9	103	62	127	130	191	310	223	108	130	95	49	311
10	205	63	116	130	201	300	212	101	99	82	47	323
11	210	62	123	145	202	295	203	96	83	75	79	258
12	189	72	152	153	182	298	196	96	80	89	70	141
13	150	101	185	162	168	283	189	108	75	124	60	131
14	117	107	189	157	163	262	183	219	176	105	51	150
15	113	141	195	135	160	244	198	202	197	90	46	159
16	91	170	198	121	170	234	242	199	161	80	47	149
17	79	166	170	128	204	227	247	169	131	68	46	106
18	71	157	142	140	221	221	269	135	106	61	43	87
19	65	126	129	260	237	241	274	113	139	54	40	77
20	60	122	121	413	249	270	242	97	143	47	40	73
21	57	154	115	568	243	271	212	93	195	37	44	71
22	55	154	108	662	235	316	190	89	187	35	47	68
23	53	147	103	557	230	316	175	85	150	34	37	64
24	52	119	115	578	213	269	166	78	123	33	36	59
25	52	109	137	564	207	247	167	73	101	32	41	55
26	67	141	148	446	211	251	190	69	99	31	47	53
27	75	171	159	371	244	245	212	67	204	30	42	50
28	75	200	152	341	371	328	205	66	283	30	37	49
29	69	283	125	334	---	361	170	65	231	30	34	48
30	63	293	110	310	---	366	150	64	168	32	37	53
31	59	---	102	269	---	418	---	62	---	32	42	---
TOTAL	2317	3627	4898	8660	5953	10720	7060	3596	4706	2712	1415	3490
MEAN	74.7	121	158	279	213	346	235	116	157	87.5	45.6	116
MAX	210	293	229	662	371	880	395	219	307	243	79	323
MIN	22	59	102	121	160	221	150	62	62	30	34	48

CAL YR 1986 TOTAL 31406 MEAN 86.0 MAX 296 MIN 18
WTR YR 1987 TOTAL 59154 MEAN 162 MAX 880 MIN 22

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: Nov. 22 to Dec. 23 and Jun. 17 to Jul. 20, which are poor. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--27 years, 228 ft^3/s, 17.90 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 Jul. 2, 3, 1981, gage height, 1.22 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1160 ft^3/s Mar. 3, gage height, 8.56 ft; minimum, 46 ft^3/s, Oct. 7 gage height, 1.72 ft.

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	55	108	260	210	370	821	442	219	114	390	78	109
2	54	112	250	216	358	943	439	216	139	340	77	108
3	53	110	240	228	347	1100	480	210	140	260	77	107
4	51	109	250	244	333	1070	582	209	152	270	75	109
5	50	108	240	262	316	852	402	202	179	290	76	131
6	50	109	240	278	299	502	384	192	199	280	77	161
7	47	109	230	286	292	403	363	184	209	290	85	221
8	47	109	220	279	282	398	345	183	210	220	90	276
9	71	109	200	259	274	397	328	171	194	170	90	303
10	122	109	190	248	252	397	309	162	177	130	93	349
11	159	105	180	241	253	369	291	156	171	110	106	363
12	169	120	200	228	257	356	280	151	158	120	118	356
13	174	128	210	225	252	347	274	159	150	150	115	335
14	176	125	220	223	244	331	261	202	194	160	111	299
15	173	150	220	225	240	317	281	219	200	150	110	275
16	164	164	230	223	263	311	304	227	210	140	105	257
17	158	176	230	230	273	292	317	224	210	130	102	237
18	144	184	220	233	273	282	318	218	180	120	99	214
19	133	188	210	300	280	298	324	202	170	110	97	191
20	121	196	200	359	286	302	319	190	210	108	98	176
21	116	206	190	429	293	303	309	178	250	100	93	163
22	111	150	190	734	302	306	293	167	260	96	89	149
23	107	140	180	966	315	310	277	157	240	102	86	139
24	104	132	183	894	307	309	273	148	220	95	86	128
25	103	128	187	884	298	332	268	140	200	93	81	121
26	106	120	191	864	294	340	250	134	210	84	82	115
27	107	150	196	774	339	332	236	128	300	74	81	110
28	109	170	198	570	436	346	240	122	400	97	79	106
29	108	220	195	440	---	356	231	118	450	84	82	102
30	107	250	190	380	---	384	223	114	410	83	93	108
31	106	---	179	388	---	421	---	110	---	79	105	---
TOTAL	3355	4294	6519	12320	8328	13827	9644	5412	6506	4925	2836	5818
MEAN	108	143	210	397	297	446	321	175	217	159	91.5	194
MAX	176	250	260	966	436	1100	582	227	450	390	118	363
MIN	47	105	179	210	240	282	223	110	114	74	75	102

CAL YR 1986 TOTAL 47842 MEAN 131 MAX 309 MIN 37
WTR YR 1987 TOTAL 83784 MEAN 230 MAX 1100 MIN 47

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

AVERAGE DISCHARGE.--49 years, 9,843 ft^3/s, 15.14 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, 96,500 ft^3/s, Mar. 7, gage height, 29.06 ft; minimum, 956 ft^3/s, Oct. 9, 10, gage height, 1.08 ft.

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	1540	2760	7730	8880	22100	18700	17500	33800	6130	10600	4810	1960
2	3050	2450	7490	10300	19500	22200	18700	33500	3670	10300	3420	4450
3	3200	1590	8790	14700	17600	27400	19700	30500	6340	10300	2030	3330
4	3130	1910	10100	17800	16400	36000	19900	26300	7440	11000	1740	4060
5	3860	2250	11000	18400	15600	62000	19500	22000	7410	11600	3600	4150
6	2570	2310	11200	17400	14800	89800	18600	18800	7250	11800	4390	3580
7	1450	3660	10800	15600	14300	95200	17700	16200	6220	12200	4690	3680
8	1050	4150	7520	14200	13800	86700	16700	14700	6120	12200	3800	7010
9	968	3710	5590	12900	13500	74200	16100	13900	4540	11600	5920	11800
10	1270	1840	7950	12000	13100	62100	15400	13200	5720	11300	6040	15700
11	2690	1580	8950	11100	12600	50800	14800	12200	6240	11200	3300	16800
12	1930	2400	8300	10700	11200	41600	14100	13900	6610	10700	3820	16800
13	2080	3900	9350	10300	9020	34200	13400	13400	6190	8200	2690	17100
14	3160	4870	11100	9500	10200	28300	11800	12800	5980	6580	3950	18000
15	4130	5270	11800	8430	11200	24000	8650	11900	3980	5880	4390	18800
16	3440	6220	10600	7520	11200	20700	10000	11400	4200	5560	4970	18500
17	2170	5470	9170	8860	11700	18800	16000	8910	6150	6410	3240	16800
18	2330	5290	8430	8520	12400	17400	19400	6890	6560	6610	4740	15300
19	3050	6160	8470	7450	12100	16400	22300	5590	6240	5660	4150	13900
20	1670	5850	8790	12200	12200	15800	26600	6700	4320	4900	4240	12400
21	1420	6940	8630	17900	12700	15500	30800	8330	6070	3020	3920	9070
22	2480	7830	7230	20600	12000	15800	34600	9100	5380	4900	2700	4810
23	1910	7580	7230	23600	9390	15700	35500	9120	3550	5140	3410	4140
24	1280	7290	8740	27400	10300	15200	32900	8450	4170	4200	2080	3760
25	1260	7080	9290	30600	11700	14700	28700	7210	4960	3860	2200	5110
26	1540	7790	10500	33300	12300	14300	25900	5640	6730	3980	3340	6010
27	1900	9740	11200	34400	12800	13900	25500	3280	9910	3150	3810	4330
28	1680	10500	11400	33900	14400	14000	26800	6120	11900	2290	2540	3490
29	2690	10200	10800	32400	---	14900	29100	6530	12700	2640	3310	3880
30	2340	9610	9150	29700	---	16000	31800	7030	12200	3410	3500	3580
31	2650	---	8170	26000	---	16600	---	7550	---	6180	1930	---
TOTAL	69888	158200	285470	546760	370110	1008900	638450	404950	194880	227370	112670	272300
MEAN	2254	5273	9209	17640	13220	32550	21280	13060	6496	7335	3635	9077
MAX	4130	10500	11800	34400	22100	95200	35500	33800	12700	12200	6040	18800
MIN	968	1580	5590	7450	9020	13900	8650	3280	3550	2290	1740	1960

CAL YR 1986 TOTAL 794708 MEAN 5034 MAX 17800 MIN 968
WTR YR 1987 TOTAL 4289950 MEAN 11750 MAX 95200 MIN 968

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
04...	1315	1930	140	7.40	18.5	6.4	774	8.2	86	K40	K10	19
JAN												
27...	0945	34400	65	6.60	5.0	33	778	10.9	84	480	1600	17
MAR												
18...	0900	17600	70	6.80	9.0	71	778	10.3	87	K30	K40	17
MAY												
27...	1000	3220	76	7.00	25.0	49	780	6.3	74	K30	350	19
JUL												
21...	1600	2700	89	7.40	30.0	23	765	7.0	92	K120	K110	19
SEP												
01...	1630	2080	90	7.30	27.5	7.7	760	6.5	83	320	K140	18

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV											
04...	0	4.0	2.2	22	67	2	3.2	31	18	11	0.20
JAN											
27...	6	3.7	1.8	5.3	38	0.6	1.9	11	17	7.0	<0.10
MAR											
18...	2	4.1	1.7	8.2	48	0.9	1.6	13	11	5.6	<0.10
MAY											
27...	0	4.6	1.8	6.9	41	0.7	2.3	18	15	6.7	0.10
JUL											
21...	0	4.2	2.0	10	50	1	2.5	21	16	7.9	0.20
SEP											
01...	0	4.1	1.8	12	56	1	2.5	23	14	7.4	0.20

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
04...	8.0	102	84	0.14	532	0.220	0.020	0.03	0.50	0.080	0.050
JAN											
27...	8.2	60	51	0.08	5570	0.630	0.070	0.09	1.0	0.020	0.010
MAR											
18...	7.4	48	49	0.06	2280	0.630	0.100	0.13	0.90	0.120	0.050
MAY											
27...	9.5	49	59	0.07	426	0.680	0.070	0.09	<0.20	0.160	0.030
JUL											
21...	11	62	70	0.08	452	0.380	0.020	0.03	1.0	0.090	0.080
SEP											
01...	8.9	62	65	0.08	348	0.330	0.020	0.03	0.60	0.080	0.020

02131000 PEE DEE RIVER AT PEEDEE, SC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV 04...	0.040	0.12	40	1	12	<0.5	<1	<1	<3	2	210
JAN 27...	0.040	0.12	210	<1	17	<0.5	<1	<1	<3	5	370
MAR 18...	0.030	0.09	--	--	--	--	--	--	--	--	--
MAY 27...	0.020	0.06	120	<1	17	<0.5	<1	2	<3	2	430
JUL 21...	0.030	0.09	30	<1	14	<0.5	<1	<1	<3	2	140
SEP 01...	0.020	0.06	--	--	--	--	--	--	--	--	--

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)	OLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 04...	<5	<4	18	<0.1	<10	2	<1	<1	40	<6	21
JAN 27...	5	<4	20	0.2	<10	1	<1	<1	29	<6	4
MAR 18...	--	--	--	--	--	--	--	--	--	--	--
MAY 27...	<5	8	72	0.1	<10	1	<1	<1	38	<6	12
JUL 21...	<5	<4	33	0.1	<10	<1	2	<1	40	<6	<3
SEP 01...	--	--	--	--	--	--	--	--	--	--	--

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 04...	16	83	76	<0.4	1.1	2.9	<0.4	2.5	<0.4	0.05	0.02
JAN 27...	23	2140	95	<0.4	0.7	1.9	1.5	1.8	1.5	0.03	0.04
MAR 18...	41	1950	99	--	--	--	--	--	--	--	--
MAY 27...	34	296	81	--	--	--	--	--	--	--	--
JUL 21...	31	226	99	--	--	--	--	--	--	--	--
SEP 01...	24	135	99	--	--	--	--	--	--	--	--

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.--20 years, 27.6 ft^3/s, 13.68 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)
Jan. 22	2130	271	6.01	Mar. 2	0030	*354	*7.25

Minimum discharge, 0.11 ft^3/s, Aug. 23, 29, gage height, 0.46 ft; minimum gage height, 0.44 ft, Jul. 29-31.

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	1.5	4.8	27	26	36	311	68	10	1.7	2.2	.40	2.2
2	1.2	7.5	32	35	33	317	49	9.9	1.8	2.3	.34	.99
3	1.1	9.5	44	30	30	230	40	9.1	1.7	2.6	.29	.64
4	1.1	8.2	39	26	27	168	36	8.8	4.7	3.4	.24	.72
5	.94	6.6	31	23	24	124	31	8.0	4.8	2.4	.20	4.2
6	.80	6.5	26	21	22	96	28	7.5	2.9	1.7	.17	7.0
7	.72	5.6	24	20	24	77	25	7.7	2.1	1.3	.29	26
8	.92	5.5	23	19	23	74	24	7.4	1.5	1.2	.25	75
9	2.9	5.0	21	18	20	83	22	6.3	1.3	1.2	.20	40
10	9.8	4.7	22	17	18	83	20	5.8	1.2	.87	.19	26
11	12	4.6	41	17	17	71	19	5.5	1.2	.93	1.4	21
12	9.1	6.7	91	16	17	59	18	5.1	1.1	1.3	2.1	18
13	6.4	21	120	15	16	52	17	5.1	1.2	1.1	.71	23
14	4.9	19	83	15	15	46	16	7.4	7.6	.90	.41	22
15	4.5	43	59	15	14	41	25	7.5	7.3	.87	.43	18
16	3.9	74	45	15	18	37	95	6.8	5.1	.84	.40	15
17	3.4	51	37	23	71	35	80	6.0	3.7	.62	.34	13
18	2.9	41	32	41	84	31	55	5.9	3.1	.50	.27	11
19	2.7	32	30	113	62	51	43	5.4	3.0	.43	.22	9.3
20	2.4	41	27	143	44	70	32	5.6	2.7	.39	.22	8.2
21	2.0	78	24	99	35	56	27	5.6	2.4	.36	.20	7.2
22	1.8	55	22	194	32	45	23	5.3	2.1	.32	.18	5.9
23	1.6	38	21	234	48	37	20	4.7	1.9	.29	.14	4.7
24	1.3	31	26	162	39	32	19	3.9	1.8	.28	.53	3.7
25	1.5	28	34	120	32	33	18	3.2	1.7	.24	.44	2.8
26	3.0	27	31	112	28	40	15	2.9	3.2	.21	.27	2.2
27	3.4	25	27	88	88	37	13	2.5	10	.20	.21	1.6
28	3.3	23	24	71	248	65	13	2.5	5.1	.20	.16	1.2
29	3.3	22	22	59	---	72	12	2.3	3.0	.19	.13	1.0
30	2.7	22	21	51	---	64	11	2.2	2.2	.18	.14	1.4
31	2.4	---	20	44	---	78	---	2.0	---	.19	1.4	---
TOTAL	99.48	746.2	1126	1882	1165	2615	914	177.9	93.1	29.71	12.87	372.95
MEAN	3.21	24.9	36.3	60.7	41.6	84.4	30.5	5.74	3.10	.96	.42	12.4
MAX	12	78	120	234	248	317	95	10	10	3.4	2.1	75
MIN	.72	4.6	20	15	14	31	11	2.0	1.1	.18	.13	.64

CAL YR 1986 TOTAL 5574.50 MEAN 15.3 MAX 157 MIN .72
WTR YR 1987 TOTAL 9234.09 MEAN 25.3 MAX 317 MIN .13

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.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--11 years, 24.0 ft^3/s, 13.41 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 August, September, October, 1983, June, July, August, October 6, 7, 1986, and July 28, 29, 1987.

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)
Jan. 19	2015	*694	*6.43	Mar. 1	1030	666	6.35
Jan. 22	2030	683	6.40				

Minimum daily, no flow Oct. 6, 7, and July 28, 29.

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	.24	2.0	27	106	42	549	73	18	3.7	2.0	.38	3.7
2	.51	2.7	42	100	42	139	60	36	7.3	6.5	.55	2.1
3	.05	3.3	42	49	43	90	54	24	4.5	23	1.4	1.4
4	.26	2.9	30	38	41	74	51	18	6.9	12	.65	1.1
5	.01	2.9	24	34	39	66	47	15	19	6.4	.21	8.8
6	.00	2.9	21	32	39	62	45	14	7.4	5.5	.05	29
7	.00	3.2	21	30	57	58	43	12	4.2	3.4	1.1	71
8	.64	4.9	20	28	47	64	40	11	3.4	14	2.7	38
9	10	4.8	20	27	40	68	39	9.3	2.6	3.5	1.6	20
10	16	3.9	25	41	36	60	37	9.0	2.1	2.0	1.4	11
11	13	2.9	26	41	35	54	36	6.9	2.2	1.6	8.5	13
12	5.8	7.1	43	32	36	52	37	6.5	2.2	1.4	3.3	27
13	4.2	8.1	44	28	34	50	33	10	2.6	1.7	1.7	46
14	3.9	4.6	30	26	33	48	31	28	6.5	1.4	1.3	24
15	3.6	17	27	26	36	47	46	20	4.3	1.1	1.3	13
16	2.7	14	25	26	48	45	44	13	3.8	1.0	1.3	9.4
17	2.3	8.4	22	33	56	44	36	9.5	3.1	.90	1.1	7.5
18	1.9	7.8	21	67	56	44	34	8.7	2.7	.74	.89	5.7
19	2.0	6.4	21	448	53	95	31	6.5	2.9	.60	1.3	5.6
20	1.8	16	19	191	43	69	29	5.5	3.2	.50	2.1	5.5
21	1.6	21	18	76	40	55	27	6.1	2.8	.42	.97	4.8
22	1.5	11	19	429	41	50	26	6.2	2.1	.30	.77	3.8
23	1.4	11	17	203	56	45	24	4.8	2.6	.24	.52	3.3
24	1.4	9.6	39	82	42	43	35	4.2	1.6	.17	.18	2.5
25	1.6	81	35	93	37	57	42	3.5	1.4	.14	.90	2.2
26	5.9	74	28	128	36	56	31	3.2	2.8	.10	1.4	2.4
27	4.7	36	23	74	144	65	24	4.4	22	.05	1.0	2.0
28	2.9	28	21	60	490	161	21	4.0	6.5	.0	.60	1.7
29	2.3	25	20	53	---	79	20	3.3	3.6	.00	.36	1.6
30	2.3	23	21	51	---	127	18	2.8	2.4	.01	1.4	2.3
31	2.0	---	20	46	---	115	---	2.4	---	.32	2.5	---
TOTAL	96.51	445.4	811	2698	1742	2631	1114	325.8	142.4	90.99	43.43	369.4
MEAN	3.11	14.8	26.2	87.0	62.2	84.9	37.1	10.5	4.75	2.94	1.40	12.3
MAX	16	81	44	448	490	549	73	36	22	23	8.5	71
MIN	.00	2.0	17	26	33	43	18	2.4	1.4	.00	.05	1.1

CAL YR 1986 TOTAL 3318.63 MEAN 9.09 MAX 81 MIN .00
WTR YR 1987 TOTAL 10509.83 MEAN 28.8 MAX 549 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 at downstream side of bridge on State Road 770, 2.1 mi south of Kershaw, and 1.9 mi upstream from mouth.

DRAINAGE AREA.--23.9 mi^2.

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. 17 to Nov. 13, Nov. 19 to Dec. 29, Feb. 2,3, Mar. 10-17, May 25 to Jun. 10, and Sept. 19-30, which are poor.

AVERAGE DISCHARGE.--7 years, 22.6 ft^3/s, 12.85 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, Jul. 10, 21, and 30, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 669 ft^3/s, Jan. 19, gage height, 8.29 ft^3/s; minimum daily, 0.20 ft^3/s, Oct. 7.

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	.24	2.9	17	129	39	490	63	19	7.6	5.9	1.8	9.7
2	.24	3.1	35	112	36	144	52	22	7.4	7.9	5.6	4.3
3	.33	3.3	50	53	34	82	47	18	7.4	14	3.6	3.5
4	.21	3.3	35	39	30	63	44	17	7.8	11	2.2	2.4
5	.21	3.4	25	34	28	56	41	17	8.6	9.7	3.7	32
6	.32	3.2	20	28	27	54	38	16	8.0	7.7	1.9	62
7	.20	3.1	17	26	37	54	36	16	7.2	5.9	3.8	205
8	.22	3.2	15	24	32	60	33	16	6.8	4.7	4.3	171
9	33	3.4	14	22	26	60	32	15	6.4	4.1	3.2	48
10	41	3.0	30	33	24	56	30	13	12	3.7	3.0	30
11	29	5.0	64	34	23	52	29	12	23	3.6	7.4	23
12	15	10	50	25	23	47	29	12	18	3.9	6.2	37
13	6.7	8.0	40	23	22	44	27	24	13	5.1	4.8	58
14	5.2	4.5	30	21	21	40	25	31	40	4.5	2.8	32
15	4.0	29	25	21	21	36	69	20	23	3.9	1.9	22
16	2.8	28	21	21	33	34	55	16	19	3.1	2.4	18
17	2.4	18	19	24	36	31	40	14	17	3.0	2.1	16
18	1.8	13	17	46	32	31	39	12	14	2.4	1.6	14
19	1.6	10	16	469	29	74	34	10	14	2.4	1.2	12
20	1.8	60	15	184	26	52	29	10	13	2.0	1.4	8.0
21	2.6	56	14	87	24	42	26	11	13	1.6	1.1	9.0
22	2.8	45	13	434	27	38	25	9.9	10	1.4	.71	8.2
23	2.5	20	40	181	35	34	23	9.1	9.9	1.2	.83	7.4
24	2.3	11	200	88	26	31	26	8.7	9.1	1.3	.69	6.8
25	3.0	12	130	93	24	43	26	8.4	8.4	1.2	.56	6.2
26	13	25	50	136	24	44	23	8.2	11	1.1	1.3	5.6
27	10	60	35	73	154	51	21	8.8	18	1.0	1.3	6.4
28	7.0	40	27	57	518	110	20	8.4	11	.80	.73	7.6
29	4.5	28	22	48	---	59	19	8.0	7.9	1.1	1.8	8.2
30	3.5	20	19	44	---	99	18	7.8	6.0	2.1	11	9.2
31	2.7	---	18	41	---	92	---	7.6	---	1.9	13	---
TOTAL	200.17	534.4	1123	2650	1411	2203	1019	425.9	377.5	123.20	97.92	882.5
MEAN	6.46	17.8	36.2	85.5	50.4	71.1	34.0	13.7	12.6	3.97	3.16	29.4
MAX	41	60	200	469	518	490	69	31	40	14	13	205
MIN	.20	2.9	13	21	21	31	18	7.6	6.0	.80	.56	2.4

CAL YR 1986 TOTAL 4539.67 MEAN 12.4 MAX 200 MIN .13
WTR YR 1987 TOTAL 11047.50 MEAN 30.3 MAX 518 MIN .20

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

LOCATION.--Lat 34°03'05'', long 79°45s 15'', Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft upstream from Seaboard Coast Line Railroad Bridge, 1 mi south of Effingham, and at mile 43.4.

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

WATER-DISCHARGE RECORDS

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

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

AVERAGE DISCHARGE.--58 years, 1,035 ft^3/s, 13.65 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, 10,200 ft^3/s, Mar. 7, gage height, 17.07 ft; minimum, 155 ft^3/s, Oct. 7,8, gage height, 1.68 ft.

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	173	327	990	1290	3990	3510	2380	952	454	957	217	794
2	172	321	1130	1250	3500	4300	2460	914	404	1130	249	1140
3	168	306	1290	1120	3270	4690	2440	832	358	1250	305	1430
4	166	297	1430	1060	2970	4800	2480	739	337	1630	318	1450
5	163	297	1560	1090	2620	5730	2640	687	376	1670	323	1430
6	160	306	1550	1170	2310	9250	2730	672	454	1110	336	1800
7	157	308	1390	1270	2080	9850	2740	674	520	940	334	2440
8	155	308	1290	1390	1890	8150	2620	659	594	930	324	3260
9	160	305	1310	1570	1720	6040	2370	618	669	868	321	3670
10	171	301	1380	2060	1570	4560	2100	578	741	715	311	3780
11	195	300	1470	2370	1460	3610	1850	545	814	579	302	3670
12	223	305	1520	2150	1390	2990	1630	517	793	495	351	3250
13	312	317	1560	1700	1370	2580	1450	501	585	446	365	2860
14	444	348	1410	1280	1380	2310	1310	492	473	413	358	2700
15	576	494	1310	1100	1360	2110	1240	481	452	421	510	2770
16	732	653	1290	1100	1360	1990	1230	487	477	417	647	2920
17	779	778	1320	1210	1570	1910	1440	510	518	414	585	2840
18	666	942	1370	1400	1630	1830	1750	573	580	394	476	2560
19	557	1040	1440	1810	1610	1800	1850	659	691	362	381	2280
20	464	1130	1510	1970	1590	1830	1720	719	729	331	329	2120
21	389	1260	1500	2020	1610	1810	1630	681	700	309	331	1970
22	337	1240	1320	2580	1650	1790	1650	582	681	290	368	1640
23	306	1150	1110	3380	1770	1710	1800	500	698	275	329	1140
24	288	1080	1020	3760	1850	1620	2080	451	675	261	286	829
25	279	1090	1020	4850	1880	1600	2030	428	667	251	276	703
26	277	1130	975	7020	1880	1680	1700	400	686	243	279	636
27	277	1140	941	7020	1990	1790	1330	366	709	234	271	583
28	271	1050	937	6940	2660	1860	1090	343	672	225	265	551
29	271	930	992	7030	---	1880	982	381	702	216	268	510
30	300	899	1100	6070	---	1990	962	469	813	212	311	498
31	324	---	1210	4870	---	2160	---	492	---	212	406	---
TOTAL	9912	20352	39645	84900	55930	103730	55684	17902	18022	18200	10732	58224
MEAN	320	678	1279	2739	1997	3346	1856	577	601	587	346	1941
MAX	779	1260	1560	7030	3990	9850	2740	952	814	1670	647	3780
MIN	155	297	937	1060	1360	1600	962	343	337	212	217	498

CAL YR 1986 TOTAL 93015 MEAN 612 MAX 1560 MIN 109
WTR YR 1987 TOTAL 493233 MEAN 1351 MAX 9850 MIN 155

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
04...	1620	298	147	7.20	17.0	2.8	773	9.0	92	K60	K170	13
JAN												
27...	1600	6880	47	6.00	5.5	18	772	10.8	85	840	150	11
MAR												
18...	1315	1820	56	6.40	10.5	5.5	776	9.6	84	K80	K60	12
MAY												
27...	1300	366	128	7.20	25.0	3.6	780	6.8	80	K80	350	14
JUL												
21...	1900	304	116	7.30	27.5	3.3	765	6.6	83	K95	K150	11
SEP												
02...	0800	1070	8	6.50	23.0	2.5	761	6.1	71	1900	650	19

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
04...	0	3.2	1.3	27	79	3	1.9	21	25	14	<0.10	8.5
JAN												
27...	6	2.6	1.1	3.7	38	0.5	1.5	3.0	16	5.6	<0.10	6.6
MAR												
18...	1	2.9	1.2	6.7	51	0.9	1.3	8.0	11	7.1	<0.10	2.7
MAY												
27...	0	3.0	1.5	21	75	3	1.5	22	18	15	0.10	8.2
JUL												
21...	0	2.5	1.2	23	80	3	1.3	23	25	0.80	0.10	7.0
SEP												
02...	6	4.9	1.6	11	53	1	2.1	12	20	7.9	0.10	6.9

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
NOV												
04...	113	92	0.15	91	0.470	0.020	0.03	1.8	0.060	0.040	0.040	0.12
JAN												
27...	53	39	0.07	985	0.320	0.030	0.04	0.70	0.040	0.020	<0.010	--
MAR												
18...	40	40	0.05	197	0.120	0.030	0.04	0.60	0.030	0.020	<0.010	--
MAY												
27...	83	83	0.11	82	0.350	0.050	0.06	0.40	0.090	0.070	0.040	0.12
JUL												
21...	--	77	0.10	63	0.250	0.020	0.03	0.90	0.070	0.090	0.010	0.03
SEP												
02...	78	62	0.11	225	0.170	0.050	0.06	1.7	0.060	0.030	0.040	0.12

02132000 LYNCHES RIVER AT EFFINGHAM, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)
NOV 04...	30	<1	11	<0.5	<1	<1	<3	4	480	<5	<4	24
JAN 27...	260	<1	16	<0.5	<1	<1	<3	1	410	<5	<4	22
MAR 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 27...	50	<1	13	<0.5	<1	3	<3	4	1200	<5	<4	37
JUL 21...	40	4	10	<0.5	2	<1	20	3	740	<5	<4	39
SEP 02...	--	--	--	--	--	--	--	--	--	--	--	--

DATE	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 04...	<0.1	<10	<1	<1	<1	21	<6	8	5	4.0	100
JAN 27...	<0.1	<10	<1	<1	<1	16	<6	26	7	130	92
MAR 18...	--	--	--	--	--	--	--	--	6	29	100
MAY 27...	<0.1	<10	<1	<1	<1	22	<6	4	9	8.9	77
JUL 21...	0.1	<10	<1	1	<1	18	<6	9	6	4.9	96
SEP 02...	--	--	--	--	--	--	--	--	16	46	97

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°014'50'', 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.--46 years, 3,171 ft^3/s, 15.43 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, 18,200 ft^3/s, Mar. 6, gage height, 11.94 ft; minimum, 377 ft^3/s, Aug. 4, minimum gage height, 3.13 ft, Oct. 9.

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	507	590	2000	3190	11500	7310	5550	3550	899	1050	414	963
2	490	626	1970	3290	10900	9010	5600	3440	881	1100	405	971
3	475	664	1950	3580	10200	12100	5690	3340	846	1170	389	1030
4	462	696	1910	4200	9320	15200	5800	3280	833	1240	381	1080
5	447	727	1890	4820	8400	17000	5910	3160	827	1280	383	1170
6	432	742	1890	5140	7740	17900	6010	3020	824	1270	390	1270
7	419	737	1930	5220	7290	17900	6010	2870	793	1280	397	1460
8	413	718	1990	5220	6840	17300	5930	2710	746	1310	395	1790
9	417	701	2060	5200	6430	16300	5810	2530	701	1350	408	2190
10	476	694	2130	5190	6070	15100	5620	2360	662	1400	506	2900
11	506	686	2230	5100	5760	14000	5390	2200	636	1450	532	3640
12	489	686	2370	4960	5440	12900	5140	2050	606	1460	580	4830
13	493	701	2480	4790	5120	11800	4870	1920	586	1470	673	6010
14	521	726	2550	4620	4860	10800	4610	1800	632	1440	717	6660
15	538	855	2650	4480	4630	9880	4550	1660	676	1360	704	6770
16	554	1030	2760	4360	4520	9020	4490	1520	741	1270	688	6490
17	589	1090	2850	4340	4480	8250	4360	1410	804	1190	681	6020
18	625	1350	2940	4370	4410	7700	4470	1330	842	1090	673	5430
19	661	1510	3020	4540	4480	7360	4630	1290	881	954	660	4770
20	691	1670	3070	4790	4650	7070	4660	1320	930	846	669	4180
21	715	1820	3090	5110	4790	6820	4670	1350	984	796	718	3620
22	724	1920	3090	5870	4960	6620	4680	1390	979	764	736	3170
23	711	2010	3060	6600	5160	6440	4650	1400	961	728	747	2830
24	678	2080	3170	7640	5350	6260	4620	1370	966	685	785	2540
25	642	2120	3180	9490	5590	6080	4540	1310	1020	641	822	2270
26	620	2150	3180	11200	5770	5920	4430	1270	1040	594	856	2010
27	597	2150	3210	12400	6040	5790	4260	1240	1050	545	886	1780
28	576	2130	3210	13000	6460	5710	4080	1200	1050	512	911	1520
29	561	2090	3180	13000	---	5580	3890	1130	1040	483	952	1260
30	561	2040	3160	12500	---	5560	3700	1060	1030	459	1060	1120
31	568	---	3130	12000	---	5590	---	974	---	433	997	---
TOTAL	17158	37709	81300	200210	177160	310270	148630	60454	25466	31620	20115	91744
MEAN	553	1257	2623	6458	6327	10010	4954	1950	849	1020	649	3058
MAX	724	2150	3210	13000	11500	17900	6010	3550	1050	1470	1060	6770
MIN	413	590	1890	3190	4410	5560	3700	974	586	433	381	963

CAL YR 1986 TOTAL 185103 MEAN 1234 MAX 3210 MIN 322
WTR YR 1987 TOTAL 1201840 MEAN 3293 MAX 17900 MIN 381

02135200 PEE DEE RIVER AT HWY 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, 7.6 units, Sept. 4-6, 1987; minimum, 5.0 units, Jul. 30, Aug. 9, 28, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 28, Aug. 9, 1987; minimum, 5.0°C, Jan. 28-30, 1987
DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Jan. 4-6, 1987; minimum, 3.0 mg/L, May 7, 1986.

EXTREMES FOR CURRENTS YEAR.--
WATER YEAR 1986--SPECIFIC CONDUCTANCE: Maximum recorded, 213 microsiemens, Jul. 30; minimum recorded, 80 microsiemens, Apr. 19.
pH: Maximum recorded, 7.3 units, Mar. 9, 10, Jul. 4, 18, 19; minimum recorded, 5.8 units, Jul. 13.
WATER TEMPERATURE: Maximum recorded, 32.0°C, Jul. 21; minimum recorded, 9.5°C, Mar. 3.
DISSOLVED OXYGEN: Maximum recorded, 10.1 mg/L, Mar. 9; minimum recorded, 3.0 mg/L, May 7.

WATER YEAR 1987--SPECIFIC CONDUCTANCE: Maximum, 310 microsiemens, Oct. 10,23; minimum, 40 microsiemens, Mar. 10,15,17,22.
pH: Maximum, 7.6 units, Sept. 4-6; minimum, 5.0 units, Jul. 30, Aug. 9, 28.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 28, Aug. 9; minimum, 5.0°C, Jan 28-30.
DISSOLVED OXYGEN: Maximum, 10.4 mg/L, Jan. 4-6; minimum, 3.9 mg/L, Jul. 16.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	120	100	114
2							---	---	---	130	110	121
3							---	---	---	120	110	115
4							---	---	---	130	110	121
5							---	---	---	130	110	119
6							---	---	---	130	110	125
7							---	---	---	130	120	122
8							---	---	---	140	120	128
9							---	---	---	140	120	129
10							---	---	---	130	110	119
11							---	---	---	120	110	115
12							---	---	---	120	110	117
13							---	---	---	120	110	119
14							---	---	---	130	110	120
15							---	---	---	130	110	120
16							110	90	99	130	120	123
17							110	90	99	140	120	129
18							100	90	96	150	130	139
19							100	80	93	150	130	140
20							110	90	96	140	130	133
21							110	90	103	140	130	132
22							110	90	101	130	120	127
23							110	90	103	140	120	128
24							110	90	103	130	110	121
25							120	100	109	120	110	117
26							120	100	109	120	110	115
27							110	100	108	120	110	116
28							120	100	110	120	110	116
29							120	100	111	120	110	114
30							110	100	108	120	100	113
31							---	---	---	120	100	114
MONTH							120	80	103	150	100	122

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	110	100	106	170	120	139	190	140	156	---	---	---
2	110	90	100	160	120	128	---	---	---	---	---	---
3	110	100	105	150	110	128	---	---	---	---	---	---
4	110	100	105	161	126	136	---	---	---	---	---	---
5	120	100	109	180	130	154	---	---	---	---	---	---
6	130	110	118	180	100	124	150	130	143	---	---	---
7	130	120	126	140	110	129	150	120	131	---	---	---
8	140	120	128	175	130	152	140	120	134	---	---	---
9	130	120	128	180	150	163	150	130	142	---	---	---
10	140	120	130	191	146	174	150	140	147	---	---	---
11	150	130	135	197	140	166	160	150	154	---	---	---
12	170	140	154	196	143	168	160	140	149	---	---	---
13	160	120	136	175	120	149	140	130	138	---	---	---
14	160	130	139	180	130	153	150	140	145	---	---	---
15	180	140	164	170	120	150	150	140	143	---	---	---
16	160	130	144	190	136	156	150	120	130	110	100	102
17	170	130	144	193	143	177	170	120	133	110	100	107
18	150	120	131	180	130	158	150	120	132	120	100	108
19	160	120	142	177	130	153	160	120	136	130	110	118
20	170	120	143	190	139	163	140	130	134	130	110	119
21	160	130	145	205	140	171	180	120	140	140	120	126
22	150	120	137	170	130	158	130	89	108	140	110	131
23	150	118	131	180	130	154	134	104	119	130	110	122
24	170	120	140	180	115	145	150	120	131	140	120	130
25	170	130	150	200	142	168	185	112	150	130	120	126
26	180	130	156	190	130	150	---	---	---	130	120	123
27	187	126	159	190	150	166	---	---	---	140	120	128
28	180	137	155	192	158	179	---	---	---	130	120	128
29	190	140	159	201	174	188	---	---	---	140	120	130
30	190	125	158	213	164	182	---	---	---	140	130	135
31	---	---	---	205	130	166	---	---	---	---	---	---
MONTH	190	90	136	213	100	156	190	89	138	140	100	122
YEAR	213	80	133									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	10.5	10.0	10.5	17.5	16.5	17.0	23.0	22.0	22.5
2	---	---	---	10.0	10.0	10.0	18.0	17.5	17.5	23.5	23.0	23.0
3	---	---	---	10.0	9.5	10.0	18.5	18.0	18.0	23.5	23.5	23.5
4	---	---	---	10.5	10.0	10.5	19.0	18.5	19.0	23.5	23.0	23.5
5	---	---	---	10.5	10.0	10.5	19.5	19.0	19.5	23.0	22.5	23.0
6	---	---	---	10.5	10.5	10.5	20.0	19.5	20.0	23.0	22.5	22.5
7	---	---	---	11.0	10.5	11.0	20.0	20.0	20.0	23.5	22.5	23.0
8	---	---	---	11.0	11.0	11.0	20.5	20.0	20.5	24.0	23.5	23.5
9	---	---	---	11.0	10.5	11.0	20.5	20.0	20.5	24.5	24.0	24.0
10	---	---	---	11.5	11.0	11.0	20.0	19.5	20.0	24.0	24.0	24.0
11	---	---	---	12.5	11.5	12.0	19.5	19.0	19.0	23.5	23.5	23.5
12	---	---	---	13.5	12.5	13.0	19.0	18.5	18.5	23.5	23.5	23.5
13	---	---	---	14.5	13.5	14.0	18.5	18.5	18.5	23.5	23.5	23.5
14	---	---	---	16.0	14.5	15.5	19.0	18.5	19.0	24.0	23.5	23.5
15	---	---	---	16.0	16.0	16.0	19.5	19.0	19.0	24.0	24.0	24.0
16	---	---	---	16.0	16.0	16.0	19.5	19.0	19.5	24.0	24.0	24.0
17	---	---	---	16.0	16.0	16.0	19.5	19.0	19.5	24.5	24.0	24.0
18	---	---	---	16.0	15.5	15.5	19.0	18.5	19.0	24.5	24.0	24.5
19	---	---	---	16.0	15.5	16.0	18.5	18.5	18.5	24.5	24.5	24.5
20	---	---	---	16.0	16.0	16.0	19.0	18.5	18.5	25.0	24.5	25.0
21	---	---	---	16.0	15.5	15.5	19.0	18.5	19.0	25.0	25.0	25.0
22	---	---	---	15.5	14.5	15.0	19.5	19.0	19.5	25.0	25.0	25.0
23	---	---	---	14.5	14.0	14.5	19.5	19.0	19.0	25.0	25.0	25.0
24	---	---	---	14.0	13.5	14.0	19.0	18.5	19.0	25.0	25.0	25.0
25	---	---	---	13.5	13.5	13.5	19.0	18.5	18.5	25.0	25.0	25.0
26	11.0	11.0	11.0	14.0	13.5	13.5	19.0	18.5	19.0	25.0	25.0	25.0
27	11.0	10.5	10.5	14.5	14.0	14.0	20.0	19.0	19.5	25.0	24.5	25.0
28	10.5	10.5	10.5	15.0	14.5	14.5	20.5	20.0	20.5	25.0	24.5	24.5
29	---	---	---	15.5	15.0	15.0	21.5	20.5	21.0	25.0	24.5	25.0
30	---	---	---	16.0	15.5	15.5	22.0	21.5	22.0	25.0	24.5	25.0
31	---	---	---	16.5	16.0	16.0	---	---	---	25.5	25.0	25.5
MONTH	11.0	10.5	10.5	16.5	9.5	13.5	22.0	16.5	19.5	25.5	22.0	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	25.5	25.5	30.0	29.0	29.5	31.0	30.5	30.5	22.0	21.5	22.0
2	26.0	25.5	26.0	30.0	29.5	29.5	30.5	30.5	30.5	22.5	22.0	22.0
3	26.0	25.5	26.0	30.0	29.5	29.5	30.5	30.5	30.5	23.0	22.0	22.5
4	25.5	25.0	25.5	30.0	29.5	29.5	30.5	30.0	30.0	23.5	22.5	23.0
5	26.5	25.0	26.0	29.5	28.5	29.0	30.0	30.0	30.0	23.5	23.0	23.5
6	26.5	25.5	26.0	28.5	28.0	28.5	30.0	29.5	30.0	24.0	23.5	23.5
7	27.5	26.0	26.5	28.5	27.5	28.0	29.5	29.0	29.5	24.0	23.5	24.0
8	28.0	27.0	27.5	29.0	28.0	28.5	30.0	29.5	29.5	24.5	23.5	24.0
9	29.0	28.0	28.5	29.5	29.0	29.0	30.0	29.0	29.5	24.5	24.0	24.0
10	28.5	28.0	28.5	30.0	29.0	29.5	30.5	29.5	30.0	24.5	24.0	24.0
11	28.5	28.0	28.0	29.5	29.0	29.5	30.5	30.0	30.0	24.5	24.0	24.0
12	29.0	28.0	28.5	29.5	28.5	29.0	30.0	29.5	30.0	25.0	24.0	24.5
13	29.5	28.5	29.0	29.5	29.0	29.5	29.5	29.0	29.5	25.5	24.5	25.0
14	29.5	29.0	29.5	30.0	29.5	29.5	29.0	28.5	29.0	25.5	25.0	25.5
15	29.5	29.0	29.0	30.0	29.5	29.5	28.5	28.0	28.0	25.5	25.0	25.0
16	29.0	28.5	29.0	29.5	29.0	29.5	28.0	27.5	28.0	25.0	24.5	24.5
17	28.5	28.5	28.5	29.5	29.0	29.5	28.0	27.5	28.0	25.0	24.5	24.5
18	28.5	28.0	28.5	30.5	29.5	30.0	28.0	28.0	28.0	24.5	24.0	24.5
19	28.5	28.0	28.0	31.0	30.0	30.5	28.0	27.5	28.0	24.5	24.0	24.0
20	28.0	27.5	28.0	31.5	30.5	31.0	27.5	27.5	27.5	24.5	24.0	24.0
21	28.5	27.5	28.0	32.0	31.5	31.5	28.0	27.5	27.5	25.0	24.5	25.0
22	28.5	27.5	28.0	31.5	31.0	31.5	28.0	26.5	27.5	26.0	25.0	25.5
23	28.0	27.5	28.0	31.0	30.5	31.0	26.5	26.0	26.5	26.0	25.5	25.5
24	28.0	27.0	27.5	31.0	30.5	30.5	26.0	25.5	25.5	26.0	25.5	25.5
25	28.5	27.5	28.0	31.0	30.5	30.5	26.0	25.5	26.0	26.5	25.5	26.0
26	28.0	27.5	28.0	30.5	30.5	30.5	25.5	25.5	25.5	26.5	26.0	26.5
27	28.5	28.0	28.0	30.5	30.0	30.5	26.0	25.5	25.5	27.5	26.5	27.0
28	29.0	28.5	28.5	30.5	30.5	30.5	25.5	25.5	25.5	27.5	27.0	27.5
29	29.0	28.5	29.0	30.5	30.5	30.5	25.5	24.0	24.5	27.5	27.0	27.5
30	29.5	29.0	29.0	31.0	30.5	30.5	24.5	22.5	23.5	27.5	27.0	27.5
31	---	---	---	31.0	30.5	30.5	23.0	22.0	22.5	---	---	---
MONTH	29.5	25.0	28.0	32.0	27.5	30.0	31.0	22.0	28.0	27.5	21.5	24.5
YEAR	32.0	9.5	23.5									

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

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

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	140	130	138	150	130	143	110	100	104	100	90	98
2	150	130	139	150	130	142	110	100	102	100	90	93
3	150	140	142	140	130	136	110	100	105	100	80	90
4	160	140	150	150	130	146	120	100	109	100	80	93
5	150	140	144	150	140	146	120	110	112	100	90	96
6	160	140	147	150	140	149	110	100	106	100	80	92
7	160	130	145	150	140	145	110	90	102	90	80	85
8	140	130	134	150	140	146	110	100	104	90	80	84
9	140	130	138	170	150	159	120	100	110	90	80	82
10	310	130	145	160	150	156	110	100	108	90	80	83
11	140	130	138	160	150	157	110	100	104	90	80	83
12	280	140	147	160	140	150	110	90	100	90	80	83
13	150	140	144	150	140	150	110	90	100	90	80	86
14	150	130	145	170	140	153	110	90	103	90	80	86
15	300	130	145	170	150	160	110	90	101	90	80	83
16	170	150	157	160	140	152	110	90	100	90	80	83
17	150	120	140	150	130	143	110	100	101	80	80	80
18	130	110	121	150	130	133	110	100	104	90	70	81
19	130	120	124	140	120	129	110	90	99	90	80	83
20	130	110	121	130	120	123	110	90	101	90	80	82
21	130	120	123	130	110	116	110	100	101	90	70	82
22	130	120	128	120	110	115	110	90	100	80	60	72
23	310	130	153	130	110	121	100	90	97	80	70	74
24	150	130	138	130	120	125	100	90	99	70	60	69
25	140	130	138	130	120	124	100	90	94	70	60	65
26	130	120	129	130	120	123	100	90	95	70	60	61
27	140	130	133	120	100	113	110	90	96	70	50	59
28	140	130	133	110	100	109	110	90	98	70	50	59
29	140	130	136	120	100	111	100	90	96	60	50	55
30	140	130	132	110	100	101	100	90	96	60	50	57
31	140	120	133	---	---	---	110	90	98	60	50	55
MONTH	310	110	138	170	100	136	120	90	101	100	50	79
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	60	50	54	80	70	77	60	50	56	70	60	61
2	60	50	57	80	60	71	60	50	55	70	60	61
3	60	50	56	70	60	68	60	50	58	70	60	61
4	60	50	56	70	50	63	60	50	56	70	50	60
5	60	50	56	60	50	58	60	50	56	70	50	59
6	60	50	58	60	50	54	60	50	56	70	50	60
7	70	60	60	60	50	54	60	50	58	70	60	62
8	70	50	63	60	50	52	60	50	57	70	60	64
9	70	60	62	60	50	50	60	50	56	70	60	65
10	70	60	65	60	40	54	60	50	55	70	60	66
11	80	60	68	70	60	66	60	50	58	70	60	65
12	80	60	68	60	50	59	60	50	56	70	60	69
13	80	60	69	60	50	53	60	50	58	80	60	68
14	80	70	71	60	50	52	60	50	59	80	60	70
15	80	70	74	60	40	52	60	50	57	80	70	71
16	80	70	70	60	50	53	60	50	58	80	70	70
17	80	70	73	60	40	52	70	50	59	80	60	70
18	80	70	75	60	50	53	70	50	63	80	70	74
19	80	70	73	60	50	52	70	60	66	80	70	73
20	80	70	73	60	50	53	70	60	64	80	70	72
21	80	70	71	60	50	53	70	60	62	80	70	77
22	70	70	70	60	40	52	70	60	62	90	70	79
23	80	70	73	60	50	52	70	60	62	90	80	82
24	80	70	73	60	50	53	70	60	63	90	80	85
25	80	70	74	60	50	55	70	50	60	90	80	84
26	80	70	71	60	50	57	60	50	59	90	80	83
27	80	70	75	60	50	58	70	50	61	90	80	84
28	80	70	76	70	50	60	70	50	61	90	70	83
29	---	---	---	70	50	61	70	60	61	90	70	84
30	---	---	---	70	60	63	70	60	62	100	70	88
31	---	---	---	70	50	58	---	---	---	90	70	83
MONTH	80	50	67	80	40	57	70	50	59	100	50	72

02135200 PEE DEE RIVER AT HWY 701 NEAR BUCKSPORT, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	90	80	83	90	70	81	130	120	125	120	100	108
2	90	80	85	90	80	84	130	110	121	120	100	112
3	90	80	85	90	70	81	120	110	115	130	110	117
4	100	80	90	90	70	78	120	110	115	130	110	122
5	90	80	85	90	70	79	120	110	116	120	110	113
6	100	80	89	80	70	75	130	110	120	120	100	108
7	90	80	84	80	60	70	150	120	136	110	90	100
8	90	80	86	80	60	71	150	130	138	110	90	100
9	100	80	90	80	70	72	150	120	130	100	90	98
10	100	80	89	80	70	72	130	110	119	100	80	93
11	100	90	94	80	70	71	120	100	112	90	80	84
12	100	90	95	80	70	74	120	110	113	100	90	95
13	100	90	93	80	70	78	120	110	117	90	80	89
14	100	80	90	100	70	88	130	110	120	90	80	88
15	100	80	92	100	70	87	130	120	122	90	80	88
16	100	90	97	100	60	81	140	120	128	90	80	89
17	110	90	101	100	60	80	140	110	125	100	80	90
18	110	100	105	120	50	78	140	130	136	100	80	90
19	100	90	98	120	60	90	140	130	133	100	90	91
20	100	90	96	100	80	85	130	120	129	100	90	91
21	100	80	90	130	80	104	130	120	123	100	90	91
22	100	90	94	140	80	105	130	110	121	100	90	95
23	100	90	93	100	60	88	130	110	120	100	90	97
24	100	90	95	160	90	111	120	110	118	110	90	98
25	100	90	94	110	90	104	130	110	119	110	100	101
26	100	90	96	110	100	105	130	110	120	110	100	103
27	90	80	89	170	100	116	120	110	119	110	100	108
28	100	80	93	110	100	109	140	110	129	120	100	110
29	100	70	90	110	100	109	120	110	114	120	100	109
30	90	70	79	120	110	112	130	110	120	120	80	99
31	---	---	---	130	110	122	120	110	117	---	---	---
MONTH	110	70	91	170	50	89	150	100	122	130	80	99
YEAR	310	40	93									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	27.5	27.0	27.0	18.0	17.5	18.0	14.0	13.5	13.5	7.5	7.5	7.5
2	27.5	27.0	27.5	18.0	18.0	18.0	13.5	13.5	13.5	7.5	7.5	7.5
3	28.0	27.5	27.5	18.0	18.0	18.0	13.5	13.5	13.5	7.5	7.0	7.0
4	28.0	27.5	27.5	18.0	17.5	18.0	13.5	12.5	13.0	7.0	6.5	7.0
5	28.0	27.5	28.0	18.0	17.5	18.0	12.5	11.5	12.0	7.0	6.5	6.5
6	27.5	27.0	27.5	18.0	17.5	18.0	11.5	11.0	11.0	6.5	6.0	6.5
7	27.0	26.0	26.5	18.0	18.0	18.0	10.5	10.0	10.5	6.0	6.0	6.0
8	26.0	25.5	26.0	19.0	18.0	18.5	10.0	10.0	10.0	6.0	6.0	6.0
9	25.5	24.5	25.0	19.5	18.5	19.0	10.0	9.5	10.0	6.0	6.0	6.0
10	24.5	23.5	24.0	19.5	19.5	19.5	11.0	10.0	10.5	6.5	6.0	6.0
11	23.5	23.0	23.0	19.5	19.5	19.5	12.0	10.5	11.5	6.5	6.5	6.5
12	23.0	22.0	22.5	19.5	19.0	19.0	12.0	11.5	12.0	6.5	6.0	6.5
13	22.0	22.0	22.0	19.0	18.0	18.5	11.5	11.0	11.5	6.5	6.0	6.0
14	22.0	21.5	21.5	18.0	16.5	17.0	11.0	10.0	10.5	6.5	6.0	6.5
15	21.5	21.5	21.5	16.0	14.5	15.5	10.0	9.5	10.0	7.0	6.5	6.5
16	21.0	20.5	21.0	14.5	13.5	14.0	10.0	9.5	10.0	7.5	7.0	7.0
17	20.5	19.5	20.0	13.5	13.0	13.5	9.5	9.5	9.5	7.5	7.5	7.5
18	19.5	19.0	19.5	13.5	13.0	13.0	9.5	9.0	9.5	7.5	7.5	7.5
19	19.0	18.0	18.5	13.5	13.0	13.5	9.5	9.0	9.5	8.0	7.5	8.0
20	18.5	17.5	18.0	13.5	13.0	13.5	9.0	9.0	9.0	8.0	8.0	8.0
21	17.5	17.0	17.5	13.5	13.0	13.5	9.0	8.5	9.0	8.0	8.0	8.0
22	17.0	16.5	17.0	13.0	12.5	13.0	8.5	8.0	8.5	8.0	7.5	7.5
23	17.0	16.5	17.0	12.5	12.0	12.5	8.0	7.5	7.5	7.5	6.5	7.0
24	17.0	16.5	17.0	12.5	12.0	12.0	8.0	7.5	8.0	6.5	6.0	6.5
25	17.0	17.0	17.0	13.0	12.0	12.5	8.5	8.0	8.5	6.5	6.0	6.5
26	17.5	17.0	17.5	14.0	13.0	13.5	9.0	8.5	9.0	6.5	6.0	6.5
27	18.0	17.5	18.0	14.5	13.5	14.0	9.0	9.0	9.0	6.0	5.5	5.5
28	18.5	18.0	18.0	14.5	14.0	14.5	9.0	9.0	9.0	5.5	5.0	5.5
29	18.5	18.0	18.5	14.5	14.0	14.5	9.0	8.5	8.5	5.5	5.0	5.0
30	18.5	18.0	18.5	14.0	14.0	14.0	8.5	8.5	8.5	6.0	5.0	5.5
31	18.0	18.0	18.0	---	---	---	8.5	8.0	8.0	6.0	5.5	6.0
MONTH	28.0	16.5	21.5	19.5	12.0	16.0	14.0	7.5	10.0	8.0	5.0	6.5

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	25.0	25.0	27.5	27.5	27.5	32.0	31.0	31.5	30.0	28.5	29.5
2	26.0	25.0	25.5	27.5	27.5	27.5	31.5	31.0	31.5	28.5	28.5	28.5
3	26.0	25.5	26.0	28.0	27.5	27.5	32.0	31.0	31.5	28.0	28.0	28.0
4	26.5	26.0	26.0	28.0	28.0	28.0	32.0	31.0	31.5	28.0	27.0	27.5
5	26.5	26.0	26.0	28.5	28.0	28.0	32.0	31.5	31.5	27.0	26.0	26.5
6	26.0	26.0	26.0	29.0	28.5	28.5	32.0	32.0	32.0	26.0	25.5	26.0
7	26.0	25.5	26.0	29.5	28.5	29.0	32.0	32.0	32.0	26.0	25.5	26.0
8	26.0	25.5	26.0	29.5	29.0	29.5	32.0	31.5	32.0	26.5	26.0	26.0
9	26.0	26.0	26.0	30.0	29.0	30.0	32.5	32.0	32.0	27.0	26.5	26.5
10	26.5	26.0	26.5	30.5	29.5	30.0	32.0	31.5	32.0	27.0	26.5	27.0
11	26.5	26.5	26.5	30.5	30.0	30.5	32.0	31.0	31.5	27.0	27.0	27.0
12	27.0	26.5	26.5	30.5	30.0	30.5	31.0	30.5	30.5	27.0	26.5	27.0
13	27.0	26.5	26.5	30.5	30.0	30.5	30.5	30.0	30.5	26.5	26.5	26.5
14	27.0	26.5	26.5	30.5	30.0	30.5	30.0	29.5	30.0	26.5	26.5	26.5
15	26.5	26.0	26.0	30.0	29.5	30.0	29.5	29.0	29.5	26.5	26.5	26.5
16	27.0	26.5	26.5	30.0	29.0	29.5	29.5	29.0	29.5	26.5	26.5	26.5
17	27.0	26.5	27.0	30.0	29.0	29.5	29.5	29.0	29.5	26.5	26.0	26.5
18	27.5	27.0	27.5	29.5	29.0	29.5	30.5	29.5	29.5	26.5	26.0	26.5
19	27.5	27.5	27.5	29.5	28.5	29.0	30.5	30.0	30.0	26.5	26.5	26.5
20	28.0	27.5	27.5	29.5	28.5	29.0	30.5	30.5	30.5	26.5	26.0	26.5
21	28.0	27.5	28.0	29.5	28.5	29.0	30.5	30.5	30.5	26.5	26.0	26.5
22	28.0	28.0	28.0	30.5	29.5	30.0	30.5	30.5	30.5	26.0	26.0	26.0
23	28.5	28.0	28.0	31.5	30.0	31.0	30.5	30.0	30.5	26.0	25.0	25.5
24	28.5	28.0	28.0	32.0	31.0	31.5	30.5	30.0	30.5	25.0	24.5	24.5
25	28.0	28.0	28.0	32.0	31.0	31.5	31.0	30.0	30.0	24.5	24.0	24.0
26	28.0	28.0	28.0	32.0	31.0	31.5	30.5	29.5	30.0	23.5	23.0	23.5
27	28.0	27.5	28.0	32.0	31.0	31.5	30.5	29.5	30.0	23.5	23.5	23.5
28	28.5	28.0	28.0	32.5	31.0	31.5	31.0	30.0	30.5	24.0	23.5	23.5
29	28.5	28.0	28.5	32.0	31.0	31.5	31.5	30.5	31.0	24.0	23.5	24.0
30	28.0	27.5	28.0	31.5	31.0	31.0	31.0	30.5	30.5	24.0	24.0	24.0
31	---	---	---	32.0	31.0	31.5	30.5	29.5	30.0	---	---	---
MONTH	28.5	25.0	27.0	32.5	27.5	30.0	32.5	29.0	30.5	30.0	23.0	26.0
YEAR	32.5	5.0	18.5									

02135200 PEE DEE RIVER AT HWY 701 NEAR BUCKSPORT, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.1	4.5	4.8	8.7	8.0	8.5	7.9	7.5	7.7	9.6	9.3	9.5
2	4.7	4.2	4.5	8.7	8.1	8.4	7.6	7.2	7.5	9.7	9.5	9.6
3	4.9	4.2	4.5	8.7	7.8	8.2	7.4	6.9	7.1	10.1	9.7	9.9
4	4.8	4.2	4.5	8.4	7.8	8.1	8.1	7.0	7.4	10.4	10.0	10.2
5	5.5	4.4	5.0	8.0	7.5	7.8	8.6	7.7	8.1	10.4	10.3	10.4
6	6.3	5.1	5.7	8.0	7.3	7.7	8.7	8.2	8.4	10.4	10.2	10.3
7	6.1	5.6	5.9	7.9	7.2	7.6	9.0	8.5	8.7	10.2	10.1	10.1
8	5.9	5.4	5.7	8.2	7.5	7.9	9.1	8.7	8.9	10.1	9.9	10.0
9	5.6	5.0	5.3	8.3	7.7	8.1	9.1	8.6	8.8	9.9	9.9	9.9
10	5.6	5.1	5.4	8.4	7.8	8.2	8.6	8.0	8.2	9.9	9.8	9.9
11	5.9	5.6	5.8	8.3	7.4	7.9	8.5	8.0	8.2	9.8	9.6	9.7
12	6.0	5.6	5.8	8.0	7.3	7.6	9.0	8.2	8.5	9.7	9.6	9.7
13	6.0	5.6	5.8	7.9	7.4	7.6	8.8	8.2	8.5	9.8	9.7	9.7
14	6.2	5.5	5.8	8.3	7.9	8.1	8.8	8.3	8.5	9.9	9.8	9.8
15	6.7	5.8	6.3	9.1	8.3	8.7	9.0	8.6	8.9	9.9	9.8	9.8
16	6.8	6.1	6.5	9.4	8.9	9.1	9.1	8.9	9.0	9.8	9.6	9.7
17	7.5	6.6	7.0	9.5	8.9	9.2	9.2	9.0	9.1	9.7	9.4	9.5
18	7.4	7.0	7.2	9.4	8.7	9.1	9.1	8.7	8.9	9.6	9.4	9.5
19	7.7	7.0	7.4	9.4	8.6	8.9	8.8	8.6	8.7	9.7	9.5	9.6
20	7.9	7.1	7.5	9.2	8.4	8.9	8.9	8.6	8.8	9.5	9.1	9.3
21	8.0	7.5	7.7	8.9	7.9	8.4	9.3	8.8	9.0	9.3	9.2	9.3
22	8.3	7.6	8.0	8.6	7.8	8.2	9.5	9.1	9.3	9.4	9.1	9.3
23	8.4	8.0	8.2	8.8	8.1	8.4	9.5	9.4	9.5	9.0	8.9	9.0
24	8.3	8.1	8.2	8.7	8.2	8.4	9.6	9.5	9.5	8.9	8.7	8.8
25	8.6	8.1	8.4	8.7	8.0	8.3	9.6	9.4	9.5	8.8	8.7	8.7
26	8.5	8.3	8.4	8.5	7.7	8.1	9.8	9.5	9.6	8.7	8.6	8.6
27	8.4	7.7	8.1	8.3	7.4	7.8	9.7	9.4	9.5	8.8	8.7	8.7
28	8.2	7.5	7.8	8.3	7.6	7.9	9.6	9.4	9.5	8.9	8.8	8.9
29	7.9	7.5	7.7	8.2	7.3	7.8	9.6	9.4	9.5	9.1	8.9	9.0
30	8.1	7.7	7.9	8.0	7.3	7.7	9.5	9.4	9.5	9.1	9.0	9.0
31	8.6	8.1	8.3	---	---	---	9.5	9.3	9.4	9.0	8.9	9.0
MONTH	8.6	4.2	6.6	9.5	7.2	8.2	9.8	6.9	8.8	10.4	8.6	9.5

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.9	5.1	5.4	5.6	5.2	5.4	6.4	5.4	5.7	6.4	5.7	6.1
2	5.8	5.0	5.3	5.5	5.0	5.3	6.1	5.4	5.7	6.0	4.7	5.5
3	5.4	4.6	4.9	5.7	5.0	5.4	5.7	5.0	5.4	5.9	5.0	5.5
4	5.2	4.6	4.9	5.8	5.2	5.5	5.6	4.9	5.2	7.0	5.6	6.5
5	5.5	4.8	5.1	5.8	5.2	5.5	5.4	4.5	5.1	6.9	6.2	6.7
6	5.7	5.1	5.3	5.9	5.2	5.6	5.4	4.5	5.1	6.9	5.6	6.4
7	5.8	5.1	5.4	5.8	5.0	5.4	5.8	4.7	5.2	6.8	5.3	6.2
8	5.7	5.0	5.4	5.7	5.0	5.4	6.7	5.5	5.9	6.3	5.0	5.7
9	5.7	5.1	5.3	5.7	4.8	5.3	6.6	5.0	5.6	6.3	5.2	5.7
10	5.7	5.2	5.4	5.5	4.8	5.2	6.3	5.0	5.5	6.2	5.3	5.8
11	5.6	5.1	5.3	5.5	4.6	5.1	6.2	5.4	5.8	5.8	5.4	5.6
12	5.7	5.1	5.4	5.3	4.7	5.1	6.6	5.2	5.7	5.3	4.9	5.2
13	5.7	5.1	5.5	5.4	4.7	5.1	6.3	5.4	5.6	5.1	4.8	4.9
14	5.9	5.1	5.6	5.2	4.4	4.8	6.3	5.3	5.7	4.8	4.5	4.7
15	5.9	5.4	5.6	4.7	4.1	4.4	6.2	5.4	5.8	4.7	4.5	4.6
16	5.7	5.2	5.5	4.7	3.9	4.3	6.2	5.3	5.7	4.7	4.5	4.6
17	5.5	5.0	5.3	5.2	4.2	4.6	6.2	5.2	5.8	4.7	4.6	4.7
18	5.4	4.8	5.0	5.4	4.6	5.0	6.1	5.1	5.6	4.6	4.5	4.5
19	5.5	5.1	5.3	5.7	5.1	5.4	6.1	4.0	5.4	4.5	4.4	4.4
20	5.6	5.1	5.4	5.9	5.0	5.4	6.1	5.1	5.6	4.6	4.4	4.5
21	5.7	5.0	5.3	5.9	5.2	5.5	6.0	4.4	5.4	4.6	4.5	4.5
22	5.5	5.0	5.2	5.9	5.3	5.6	6.4	5.2	5.7	4.6	4.4	4.5
23	5.6	5.1	5.4	6.0	4.6	5.4	6.6	4.8	5.8	4.5	4.1	4.3
24	5.5	5.1	5.3	6.0	5.1	5.5	6.7	5.3	6.1	4.3	4.1	4.1
25	5.4	5.0	5.2	6.3	5.2	5.6	6.6	5.1	5.9	4.3	4.1	4.3
26	5.4	4.9	5.1	5.9	5.1	5.5	6.2	4.8	5.6	5.0	4.3	4.6
27	5.7	5.0	5.3	6.2	5.4	5.7	6.6	4.8	5.8	5.8	4.8	5.3
28	5.7	5.0	5.4	6.9	5.4	5.7	7.5	5.3	6.4	5.8	5.4	5.6
29	5.8	5.1	5.5	6.0	5.5	5.6	7.7	6.4	6.9	5.7	4.5	5.1
30	5.7	5.1	5.5	6.0	5.3	5.6	7.2	5.9	6.4	5.5	4.2	4.7
31	---	---	---	5.7	5.2	5.4	6.3	5.7	6.1	---	---	---
MONTH	5.9	4.6	5.3	6.9	3.9	5.3	7.7	4.0	5.7	7.0	4.1	5.2
YEAR	10.4	3.9	6.9									

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: Aug. 13 to Sept. 1. Records fair except for period of estimated daily discharges which are poor.

AVERAGE DISCHARGE.--19 years (water years 1969-87), 103 ft^3/s, 14.57 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, Jul. 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)
Jan. 24	1700	574	6.83	Mar. 3	0100	*786	*7.27

Minimum daily, 9.5 ft^3/s, Oct. 7.

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	11	29	93	90	180	436	266	53	37	84	14	33
2	10	36	99	141	162	701	251	52	45	55	14	105
3	10	40	115	162	152	710	233	52	62	63	13	75
4	10	37	122	177	143	482	210	57	73	96	12	45
5	9.8	34	125	206	134	323	184	103	129	107	12	88
6	9.6	33	135	193	127	244	163	110	281	115	12	155
7	9.5	33	138	162	125	196	149	87	352	122	16	213
8	11	32	127	135	122	175	138	63	234	105	24	218
9	28	31	113	113	116	168	130	50	157	58	23	200
10	87	30	98	98	111	165	121	43	107	34	21	195
11	136	29	89	89	109	165	114	37	53	25	26	182
12	154	61	94	83	105	164	109	34	48	23	36	168
13	158	155	119	80	100	159	103	38	44	36	48	189
14	158	254	127	80	94	150	98	69	82	81	60	194
15	144	322	126	79	91	137	106	95	99	91	42	163
16	116	321	134	78	113	126	129	92	101	96	35	130
17	74	291	132	103	155	119	145	73	102	98	29	110
18	44	270	121	133	164	113	162	58	96	79	25	86
19	35	245	109	202	175	130	161	43	113	39	22	54
20	30	227	95	334	187	144	150	41	135	26	22	42
21	27	224	84	426	177	140	134	42	111	20	24	37
22	24	204	77	511	162	142	119	39	130	17	25	33
23	23	187	72	519	153	144	106	38	130	15	22	30
24	22	186	77	550	143	136	95	34	104	13	21	27
25	22	176	89	490	131	137	88	29	81	12	23	25
26	27	159	91	395	126	155	84	27	92	12	25	23
27	32	139	90	324	148	174	79	80	134	11	21	22
28	33	119	89	290	218	254	74	103	132	11	17	21
29	32	104	87	276	---	286	67	91	107	11	15	21
30	30	94	82	243	---	274	59	77	95	12	18	23
31	28	---	73	206	---	268	---	63	---	13	28	---
TOTAL	1544.9	4102	3222	6968	3923	7117	4027	1873	3466	1580	745	2907
MEAN	49.8	137	104	225	140	230	134	60.4	116	51.0	24.0	96.9
MAX	158	322	138	550	218	710	266	110	352	122	60	218
MIN	9.5	29	72	78	91	113	59	27	37	11	12	21

CAL YR 1986 TOTAL 22170.9 MEAN 60.7 MAX 431 MIN 3.5
WTR YR 1987 TOTAL 41474.9 MEAN 114 MAX 710 MIN 9.5

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
04...	0930	39	34	5.10	15.5	2.3	772	8.0	79	K70	790	5
JAN												
26...	1600	429	32	4.00	5.0	4.4	768	11.2	87	180	150	5
MAR												
17...	1900	122	29	4.80	10.5	3.5	774	10.3	91	K15	K95	4
MAY												
26...	1445	28	28	5.50	21.0	3.1	775	7.0	77	110	1700	5
JUL												
21...	1300	22	26	5.30	22.0	13	765	7.0	80	K170	1100	4
SEP												
01...	1300	104	43	4.70	23.0	3.6	760	5.1	60	1000	2200	8

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV											
04...	2	1.0	0.70	3.6	55	0.7	0.90	2.0	13	5.2	<0.10
JAN											
26...	3	1.0	0.70	2.7	49	0.5	0.60	2.0	11	3.4	<0.10
MAR											
17...	0	0.72	0.49	2.2	52	0.5	0.50	<1.0	9.3	3.9	<0.10
MAY											
26...	0	0.80	0.70	3.9	60	0.8	0.70	2.0	10	4.7	<0.10
JUL											
21...	0	0.84	0.56	3.1	57	0.7	0.60	2.0	22	4.4	0.10
SEP											
01...	5	1.4	1.0	3.9	49	0.6	1.0	2.0	10	4.6	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-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
04...	12	31	38	0.04	3.2	0.210	0.020	0.03	0.60	<0.010	<0.010
JAN											
26...	5.4	31	27	0.04	36	<0.100	0.030	0.04	0.80	0.060	<0.010
MAR											
17...	0.4	19	20	0.03	6.3	<0.100	0.020	0.03	0.40	0.040	0.010
MAY											
26...	7.2	43	32	0.06	3.2	0.380	0.080	0.10	0.90	0.040	0.030
JUL											
21...	8.3	37	43	0.05	2.1	0.390	0.080	0.10	0.90	0.020	0.040
SEP											
01...	12	44	37	0.06	12	0.120	0.030	0.04	0.70	0.020	0.020

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--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)
NOV											
04...	<0.010	--	150	<1	7	<0.5	<1	<1	<3	2	440
JAN											
26...	<0.010	--	290	<1	7	<0.5	1	<1	<3	1	160
MAR											
17...	<0.010	--	--	--	--	--	--	--	--	--	--
MAY											
26...	<0.010	--	150	<1	5	<0.5	<1	2	<3	1	840
JUL											
21...	<0.010	--	--	--	--	--	--	--	--	--	--
SEP											
01...	0.020	0.06	300	<1	29	<0.5	<1	<1	<3	2	580

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)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)
NOV											
04...	<5	<4	48	0.2	<10	<1	<1	<1	9	<6	7
JAN											
26...	<5	<4	46	<0.1	<10	<1	<1	<1	10	<6	13
MAR											
17...	--	--	--	--	--	--	--	--	--	--	--
MAY											
26...	<5	<4	29	<0.1	<10	<1	<1	<1	8	<6	5
JUL											
21...	--	--	--	--	--	--	--	--	--	--	--
SEP											
01...	<5	<4	78	<0.1	<10	2	2	<1	13	<6	17

DATE	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DISSOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DISSOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DISSOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DISSOLVED, RADON METHOD (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)
NOV											
04...	6	0.63	67	0.8	0.4	1.1	1.0	1.1	0.9	0.20	0.01
JAN											
26...	3	3.5	73	0.6	<0.4	0.8	1.0	0.7	0.9	0.15	0.02
MAR											
17...	7	2.3	94	--	--	--	--	--	--	--	--
MAY											
26...	10	0.75	81	--	--	--	--	--	--	--	--
JUL											
21...	9	0.52	95	--	--	--	--	--	--	--	--
SEP											
01...	8	2.2	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. Datum 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 datum. Prior to Dec. 9, 1955, wire-weight gage at same site and datum.

REMARKS.--Estimated daily discharges: Jul. 26 to Sept. 26. Records poor.

AVERAGE DISCHARGE.--29 years, 380 ft^3/s, 12.87 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, 3,370 ft^3/s, Mar. 2, gage height, 5.21 ft; minimum, 4.0 ft^3/s, Oct. 6-8, gage height 1.68 ft.

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	6.9	39	348	351	961	2180	1220	160	307	243	17	400
2	6.2	54	377	391	865	3050	1250	144	244	211	19	600
3	5.7	69	399	413	821	3150	1120	128	153	221	23	800
4	5.3	70	398	464	756	2710	959	116	180	331	24	760
5	4.7	66	386	497	681	2250	831	243	219	367	24	800
6	4.2	62	379	501	624	1900	730	281	236	299	30	1200
7	4.0	59	372	488	585	1580	642	213	194	242	50	1500
8	5.9	56	364	461	556	1290	574	168	147	176	80	1900
9	8.2	53	354	426	533	1080	510	128	126	116	92	2200
10	33	49	350	402	502	935	456	104	169	79	90	2500
11	57	46	394	389	473	821	413	90	177	60	88	2400
12	37	47	444	360	466	723	381	81	188	65	80	2100
13	29	70	481	343	447	646	354	87	184	78	70	1800
14	89	93	478	327	425	586	332	88	236	82	66	1600
15	178	194	475	319	425	530	362	90	245	61	60	1400
16	199	294	465	318	467	483	434	102	227	40	58	1100
17	188	332	451	350	566	445	522	115	225	29	56	900
18	159	371	440	460	648	416	501	100	250	27	48	700
19	124	430	421	685	741	477	433	80	285	28	43	540
20	102	564	400	1040	765	559	400	69	207	28	35	450
21	89	637	377	1370	773	679	378	67	180	27	30	350
22	77	596	355	1880	752	714	351	52	154	28	27	300
23	65	531	341	2580	736	663	325	40	169	27	25	227
24	53	492	347	2860	690	600	300	30	173	23	22	194
25	47	492	353	2630	690	561	278	23	182	19	20	164
26	51	476	356	2250	662	555	262	18	235	16	18	132
27	51	445	355	1910	754	527	239	14	599	15	17	105
28	44	408	348	1710	1200	594	219	12	894	14	25	88
29	42	370	341	1510	---	832	199	10	509	13	50	74
30	41	349	332	1290	---	932	178	9.6	296	14	100	73
31	36	---	324	1110	---	1040	---	131	---	16	200	---
TOTAL	1842.1	7814	12005	30085	18564	33508	15153	2993.6	7590	2995	1587	27357
MEAN	59.4	260	387	970	663	1081	505	96.6	253	96.6	51.2	912
MAX	199	637	481	2860	1200	3150	1250	281	894	367	200	2500
MIN	4.0	39	324	318	425	416	178	9.6	126	13	17	73

CAL YR 1986 TOTAL 61217.5 MEAN 168 MAX 753 MIN .11
WTR YR 1987 TOTAL 161493.7 MEAN 442 MAX 3150 MIN 4.0

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

LOCATION.--Lat 33°39'40'', long 79°50'10'', Williamsburg County, Hydrologic Unit 03040205, on left bank at downstream side of bridge on U.S. Highway 52 at Kingstree, 1.0 mi downstream from Kingstree Swamp Canal, and at mile 86.7.

DRAINAGE AREA.--1,252 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1929 to current year. Gage-height records collected at same site since 1894 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1032: 1928(m), drainage area WSP 1333: 1930(m), 1931, 1936.

GAGE.--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.--58 years, 950 ft^3/s, 10.30 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, 9,050 ft^3/s, Mar. 5, gage height, 12.92 ft; minimum, 13 ft^3/s, Oct. 8, gage height, 1.39 ft.

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	28	203	892	933	4300	3460	2120	570	82	518	41	110
2	25	192	905	944	3770	4920	2160	518	74	527	38	204
3	22	182	926	937	3320	6930	2250	474	67	545	40	336
4	17	176	947	922	2930	8620	2430	444	74	546	56	451
5	16	171	968	914	2600	8970	2590	428	85	573	51	681
6	16	167	980	925	2340	8660	2670	405	94	603	42	948
7	14	163	989	958	2230	7970	2560	386	102	572	38	1430
8	15	161	994	1000	2110	7050	2580	365	106	519	43	2640
9	23	158	988	1030	1980	6060	2430	345	103	465	88	4080
10	31	155	968	1070	1830	5240	2260	334	96	393	156	4510
11	39	154	968	1100	1710	4570	2060	321	84	302	216	4820
12	76	154	994	1100	1600	4000	1870	301	72	214	240	4930
13	125	155	1060	1100	1510	3490	1690	279	65	156	248	4830
14	182	156	1160	1080	1440	3050	1520	263	70	129	226	4560
15	250	171	1280	1050	1370	2670	1410	251	90	117	200	4150
16	309	188	1460	1020	1380	2360	1350	247	122	111	187	3610
17	340	214	1670	1040	1460	2140	1280	252	150	107	183	3110
18	344	253	1780	1130	1560	1970	1220	248	173	100	177	2700
19	339	294	1760	1280	1640	1960	1150	244	188	89	158	2390
20	334	343	1670	1500	1740	2090	1110	245	190	76	135	2150
21	329	401	1540	1730	1880	2230	1080	248	177	64	115	1930
22	318	476	1410	2270	1970	2370	1080	238	153	55	101	1680
23	301	553	1300	3450	2000	2510	1080	219	137	49	95	1440
24	285	628	1230	4580	2010	2500	1030	221	125	44	91	1240
25	273	703	1160	5750	1990	2380	951	217	120	40	88	1050
26	269	773	1110	6820	1980	2290	873	193	150	37	81	875
27	263	833	1050	7100	2060	2220	803	170	292	35	70	731
28	258	872	997	6940	2390	2150	740	148	439	32	59	623
29	252	887	958	6380	---	2070	680	127	497	30	50	516
30	237	891	941	5640	---	2050	623	110	500	30	46	432
31	219	---	924	4940	---	2080	---	95	---	34	75	---
TOTAL	5549	10827	35979	76633	59100	121030	47750	8906	4677	7112	3434	63157
MEAN	179	361	1161	2472	2111	3904	1592	287	156	229	111	2105
MAX	344	891	1780	7100	4300	8970	2670	570	500	603	248	4930
MIN	14	154	892	914	1370	1960	623	95	65	30	38	110

CAL YR 1986 TOTAL 64385 MEAN 429 MAX 1780 MIN 7.7
WTR YR 1987 TOTAL 444154 MEAN 1217 MAX 8970 MIN 14

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
05...	0915	171	139	6.60	16.5	1.0	774	8.1	82	250	420	24
JAN												
27...	1700	7100	69	6.00	6.0	6.1	775	10.6	84	K80	170	14
MAR												
18...	1645	1930	63	6.20	11.5	3.1	775	8.8	79	K30	K30	13
MAY												
27...	1645	165	85	6.70	25.5	1.9	780	5.6	67	K50	650	18
JUL												
22...	0940	56	120	7.00	26.0	10	765	5.3	65	K170	K60	21
SEP												
02...	1100	198	110	6.80	24.0	2.0	762	6.2	74	K2400	3400	22

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
05...	8	6.0	2.1	19	61	2	2.1	13	33	22	0.10	15
JAN												
27...	8	3.4	1.3	7.7	51	0.9	1.9	4.0	19	9.9	0.10	5.5
MAR												
18...	3	3.3	1.2	6.3	47	0.8	1.6	7.0	12	12	<0.10	0.6
MAY												
27...	0	4.7	1.6	12	56	1	2.0	18	15	14	0.10	7.9
JUL												
22...	0	5.6	1.8	19	64	2	1.8	24	14	18	0.20	13
SEP												
02...	8	5.5	2.1	12	51	1	2.2	13	22	11	0.10	11

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
NOV												
05...	124	110	0.17	57	<0.100	0.040	0.05	1.4	0.070	0.090	0.030	0.09
JAN												
27...	69	51	0.09	1320	0.520	0.020	0.03	0.90	0.050	0.020	0.010	0.03
MAR												
18...	53	43	0.07	276	<0.100	0.030	0.04	0.70	0.030	0.020	<0.010	--
MAY												
27...	90	70	0.12	40	0.250	0.100	0.13	1.2	0.170	0.070	0.070	0.21
JUL												
22...	115	90	0.16	18	0.110	0.020	0.03	1.4	0.180	0.160	0.080	0.25
SEP												
02...	90	75	0.12	48	0.130	0.040	0.05	1.1	0.080	0.080	0.050	0.15

02136000 BLACK RIVER AT KINGSTREE, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)
NOV 05...	310	1	32	<0.5	<1	<1	<3	1	830	<5	<4	41
JAN 27...	290	<1	15	<0.5	<1	<1	<3	<1	230	<5	<4	10
MAR 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 27...	210	2	24	1	<1	2	<3	4	980	<5	<4	76
JUL 22...	120	3	23	<0.5	<1	<1	<3	1	770	<5	<4	120
SEP 02...	--	--	--	--	--	--	--	--	--	--	--	--

DATE	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 05...	<0.1	<10	<1	<1	<1	37	<6	6	9	4.2	68
JAN 27...	<0.1	<10	<1	<1	<1	19	<6	11	3	58	83
MAR 18...	--	--	--	--	--	--	--	--	5	26	94
MAY 27...	<0.1	<10	3	<1	<1	29	<6	4	7	3.1	79
JUL 22...	0.1	<10	<1	<1	<1	33	<6	6	7	1.1	98
SEP 02...	--	--	--	--	--	--	--	--	6	3.2	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, 58,300 microsiemens, Oct. 7, 1986: minimum, 100 microsiemens, several days in March 1987.
pH: Maximum, 9.2 units, May 31, Jun. 1, 1987; minimum, 4.7 units, Aug. 18, 1986.
WATER TEMPERATURE: Maximum, 32.0°C, Aug. 10, 1987; minimum, 7.0°C, Jan. 29, 1987
DISSOLVED OXYGEN: Maximum, 11.0 mg/L, Feb. 27, 1987; minimum, 2.7 mg/L, Jun. 15, 1987

EXTREMES FOR CURRENT YEAR.--
WATER YEAR 1986.--SPECIFIC CONDUCTANCE: Maximum recorded, 52,100 microsiemens, Jun. 28; minimum recorded, 8,160 microsiemens, Aug. 29.
pH: Maximum recorded, 7.4 units, several days in June and July; minimum recorded, 4.7 units, Aug. 18.
WATER TEMPERATURE: Maximum recorded, 31.5°C, July 19, 20, Aug. 1; minimum recorded, 19.5°C, May 3-5.
DISSOLVED OXYGEN: Maximum recorded, 8.9 mg/L, July 3; minimum recorded, 3.3 mg/L, Aug. 8.

WATER YEAR 1987.--SPECIFIC CONDUCTANCE: Maximum recorded, 58,300 microsiemens, Oct. 7; minimum recorded, 100 microsiemens, several days in Mar.
pH: Maximum recorded, 9.2 units, May 31, June 1; minimum recorded, 5.5 units, Oct. 2, 3.
WATER TEMPERATURE: Maximum recorded, 32.0°C, Aug. 10; minimum recorded 7.0°C, Jan 29.
DISSOLVED OXYGEN: Maximum recorded, 11.0 mg/L, Feb 27; minimum recorded 2.7 mg/L, June 15.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										44100	24600	29600
3										43500	23300	35200
4										44000	25700	34600
5										43200	26200	34800
6										43900	24900	34700
7										44300	24700	34700
8										44000	25400	35200
9										44900	28400	38000
10										44100	26700	36900
11										42500	29200	35900
12										43700	25200	34200
13										43900	26600	34700
14										43600	25500	34700
15										41900	26000	33600
16										42100	25200	33000
17										42100	26400	34100
18										41600	27100	34900
19										42800	30400	35500
20										43300	28800	35700
21										42900	28900	36000
22										40500	28500	34500
23										36700	26100	32500
24										35900	27300	32200
25										39700	27300	32000
26										31400	25300	28400
27										28300	25600	27300
28										28100	25200	27100
29										26700	24900	26200
30										27200	24900	26000
31										27200	24100	25500
MONTH										44900	23300	32900

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	38100	22000	27500	50700	25900	40100	49400	27300	37800	38200	17400	26200
2	42900	23400	31700	50600	28000	38900	49200	28400	38300	37900	19800	27200
3	42200	19600	34100	49800	26000	37000	49300	30000	39100	38700	20000	27600
4	40800	21400	32600	49800	26200	39700	49200	28800	38100	39600	21000	28300
5	40500	21200	30800	48800	24400	36600	49300	27000	38300	40300	18500	29000
6	40000	22700	29900	50200	26400	36000	49400	29700	39600	38700	20200	27100
7	40400	21800	30700	49700	26200	35800	48800	31000	39700	40000	16800	26800
8	40900	22300	31300	50600	26700	37700	49000	31700	39900	41000	19700	29800
9	40200	21000	30300	50700	28300	38600	48800	30500	39900	39200	15100	26600
10	41400	20200	31300	50400	28200	39000	48900	30400	41000	---	---	---
11	41500	22000	31400	49500	27900	38000	49300	29300	40800	41500	19100	29000
12	40600	21300	30300	50300	26600	38600	49100	29600	39100	40500	18600	29200
13	39800	21800	30500	50100	26400	37000	48200	27700	38000	43300	18000	28700
14	42200	22400	32900	49500	22800	35500	48200	26500	37800	43200	18900	30900
15	42800	23700	33300	50200	24300	36800	45900	26700	36800	44200	22600	33400
16	42300	22000	32300	51100	24900	39200	48500	27800	37600	44000	25900	35200
17	43100	22000	32800	49200	25600	37100	48500	27400	38100	45500	26300	37500
18	48300	23800	36000	51000	27800	39200	48300	24900	37300	45400	28500	37800
19	50000	28800	41300	51100	25500	37100	48200	25800	37800	45200	29400	37200
20	51400	31200	41800	51000	30800	42500	47500	27800	39100	44700	28200	36100
21	50700	29900	41300	50700	34100	43400	48200	25300	36600	44400	25900	35300
22	51400	33500	43100	50100	32100	41500	47000	20700	34200	42800	26100	34100
23	51100	33900	43500	49900	32800	42600	46000	18400	33600	43300	27500	34200
24	50900	33300	42800	49500	32000	42300	47400	18400	30500	42800	27000	33400
25	51500	26800	40900	49500	34900	42600	45600	14800	29200	43400	25800	32800
26	50700	31500	42400	49500	32100	40900	46200	12900	24900	43600	25000	33000
27	51800	33100	42400	49000	30800	40200	46300	11900	24600	43500	25100	33500
28	52100	27600	41700	48800	30700	40200	39600	8350	19600	44300	25300	35200
29	51900	29300	40200	48900	29600	39700	27700	8160	16400	43800	29700	36500
30	51100	24700	39400	48800	26700	37900	31500	10800	18100	44300	31200	36600
31	---	---	---	48600	26700	37300	37000	13700	21000	---	---	---
MONTH	52100	19600	35700	51100	22800	39000	49400	8160	34300	45500	15100	32000
YEAR	52100	8160	34800									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	7.1	7.1	7.2	6.9	---	---	5.4	4.8
2	---	---	6.7	6.4	7.2	7.0	7.2	6.9	---	---	5.5	5.2
3	---	---	6.8	6.5	7.2	7.1	7.4	6.9	---	---	5.6	5.2
4	---	---	6.8	6.6	7.3	7.1	7.4	7.1	---	---	5.6	5.1
5	---	---	6.8	6.6	7.3	7.0	7.3	7.1	---	---	5.6	5.3
6	---	---	6.8	6.5	7.3	7.0	7.3	7.0	6.1	5.9	5.5	5.1
7	---	---	6.8	6.5	7.3	7.0	7.3	7.1	6.0	5.4	5.5	5.2
8	---	---	6.8	6.6	7.3	7.0	7.4	7.2	6.0	5.6	5.7	5.2
9	---	---	6.9	6.6	7.3	7.0	7.3	7.2	6.0	5.5	5.6	5.3
10	---	---	6.9	6.7	7.3	7.0	7.4	7.2	5.9	5.3	5.7	5.3
11	---	---	6.9	6.6	7.3	7.0	7.3	7.2	5.9	5.3	5.7	5.3
12	---	---	6.9	6.7	7.3	6.9	7.3	7.2	5.8	5.4	5.6	5.3
13	---	---	6.9	6.7	7.3	6.9	7.3	7.2	5.7	5.3	5.6	5.2
14	---	---	6.9	6.6	7.3	7.0	7.4	7.2	5.6	5.1	5.6	5.4
15	---	---	6.9	6.6	7.3	7.0	7.4	7.2	5.4	5.1	5.6	5.4
16	---	---	6.9	6.6	7.3	7.0	---	---	5.5	4.9	5.8	5.5
17	---	---	6.9	6.6	7.4	6.9	---	---	5.3	4.9	5.8	5.6
18	---	---	6.9	6.7	7.4	7.1	---	---	5.3	4.7	5.8	5.5
19	---	---	6.9	6.7	7.3	7.1	---	---	5.6	5.1	5.7	5.6
20	---	---	6.9	6.7	7.3	7.0	---	---	5.6	5.2	5.7	5.5
21	---	---	6.9	6.7	7.3	7.0	---	---	5.8	5.2	5.8	5.5
22	---	---	6.9	6.7	7.3	7.1	---	---	5.7	5.2	5.8	5.5
23	---	---	6.9	6.7	7.2	7.0	---	---	5.7	5.3	5.8	5.5
24	---	---	6.9	6.7	7.2	6.9	---	---	5.8	5.3	5.8	5.6
25	---	---	6.9	6.7	7.3	6.9	---	---	5.8	5.2	5.8	5.5
26	---	---	7.0	6.8	7.3	7.0	---	---	5.8	5.1	5.8	5.5
27	---	---	7.0	6.8	7.3	6.9	---	---	5.7	5.0	5.9	5.6
28	---	---	7.0	6.9	7.3	6.9	---	---	5.8	5.0	5.9	5.6
29	---	---	7.1	6.9	7.3	6.9	---	---	5.6	4.9	5.9	5.7
30	---	---	7.1	7.0	7.2	6.8	---	---	5.4	4.9	6.0	5.7
31	---	---	7.1	7.0	---	---	---	---	5.4	5.0	---	---
MONTH	---	---	---	---	7.4	6.8	---	---	---	---	6.0	4.8

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										24.0	21.0	23.0
3										21.5	19.5	20.5
4										22.0	19.5	20.5
5										23.5	19.5	21.0
6										24.0	20.0	21.5
7										24.0	21.0	22.5
8										25.0	22.0	23.0
9										23.5	20.5	22.0
10										22.5	20.0	21.0
11										23.0	20.0	21.0
12										23.5	20.5	21.5
13										23.0	21.0	21.5
14										23.5	21.5	22.5
15										24.0	22.0	23.0
16										24.0	22.5	23.5
17										25.0	22.5	23.5
18										25.5	22.0	23.5
19										25.0	22.5	24.0
20										26.0	23.0	24.0
21										26.0	23.5	24.5
22										26.5	23.0	24.5
23										26.5	23.5	24.5
24										26.5	23.5	24.5
25										27.5	23.5	25.5
26										26.0	23.5	25.0
27										25.5	23.5	24.5
28										26.0	24.0	25.0
29										26.0	24.0	25.0
30										26.5	24.5	25.5
31										27.5	25.0	26.0
MONTH										27.5	19.5	23.5

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

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

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986--Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										7.8	6.8	7.4
3										7.8	7.0	7.5
4										7.8	6.9	7.3
5										7.6	6.5	7.2
6										7.5	6.5	7.0
7										7.3	6.4	6.9
8										7.5	6.3	6.8
9										7.4	6.6	7.0
10										7.8	6.7	7.2
11										7.8	6.5	7.1
12										7.9	6.5	6.9
13										7.6	6.0	6.7
14										7.0	6.1	6.5
15										7.2	5.9	6.4
16										6.8	5.8	6.3
17										6.8	5.6	6.0
18										6.8	5.6	5.9
19										6.4	5.3	5.8
20										6.3	5.1	5.7
21										6.0	4.7	5.5
22										6.6	4.5	5.7
23										6.3	4.9	5.7
24										6.0	4.8	5.5
25										6.0	4.4	5.4
26										5.9	4.6	5.3
27										5.8	4.7	5.2
28										5.8	3.8	4.9
29										5.3	3.8	4.6
30										5.4	4.0	4.7
31										5.5	3.7	4.6
MONTH										7.9	3.7	6.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.2	3.8	4.4	8.3	6.0	6.8	---	---	---			
2	4.9	3.8	4.4	7.6	5.8	6.5	---	---	---			
3	5.1	3.5	4.7	8.9	5.9	7.4	---	---	---			
4	6.6	4.4	5.7	---	---	---	---	---	---			
5	6.9	5.3	5.9	---	---	---	---	---	---			
6	7.4	5.7	6.5	---	---	---	6.8	5.2	5.7			
7	7.5	5.1	6.6	---	---	---	6.6	4.7	5.6			
8	6.9	3.9	5.3	---	---	---	6.5	3.3	5.1			
9	7.6	4.7	5.7	---	---	---	6.3	3.4	5.0			
10	7.3	5.2	6.1	---	---	---	6.0	4.6	5.3			
11	6.9	5.7	6.3	---	---	---	6.0	4.6	5.3			
12	7.6	5.5	6.5	---	---	---	6.7	3.7	5.0			
13	7.4	5.7	6.5	---	---	---	6.1	3.8	4.7			
14	6.7	5.7	6.2	---	---	---	5.8	3.8	4.6			
15	7.1	5.5	6.1	---	---	---	6.0	3.9	4.9			
16	6.9	5.4	6.0	---	---	---	6.0	4.4	5.2			
17	6.7	5.3	5.9	---	---	---	6.3	3.9	5.2			
18	7.3	5.5	6.4	---	---	---	7.0	3.8	5.1			
19	7.9	6.2	7.1	---	---	---	6.4	3.5	5.2			
20	7.8	6.4	7.0	---	---	---	5.7	4.1	5.0			
21	8.2	6.4	7.2	---	---	---	5.8	4.4	5.3			
22	8.2	6.5	7.4	---	---	---	5.7	4.2	5.4			
23	7.5	6.2	7.0	---	---	---	---	---	---			
24	7.4	6.1	6.8	---	---	---	---	---	---			
25	8.6	5.9	7.1	---	---	---	---	---	---			
26	7.8	6.4	7.2	---	---	---	---	---	---			
27	7.9	6.4	7.1	---	---	---	---	---	---			
28	7.6	6.2	6.8	---	---	---	---	---	---			
29	7.8	6.1	6.7	---	---	---	---	---	---			
30	7.8	5.9	6.7	---	---	---	---	---	---			
31	---	---	---	---	---	---	---	---	---			
MONTH	8.6	3.5	6.3	8.9	5.8	6.9	7.0	3.3	5.2			
YEAR	8.9	3.3	6.0									

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	44500	32100	37900	56300	36100	47900	57000	24700	43100	56000	15200	45700
2	44400	33100	38900	56300	36200	46800	56200	28000	41900	---	---	---
3	56100	34200	45200	57100	36700	47800	54700	19600	34200	---	---	---
4	56600	39700	49200	57300	38500	48600	52300	12500	31600	---	---	---
5	57600	40700	50000	57200	37800	47000	50900	13300	30600	---	---	---
6	57900	41400	50700	56700	35300	45300	53400	13900	30100	---	---	---
7	58300	42100	50900	56400	33100	45500	50600	14400	28600	---	---	---
8	57900	42000	51100	56000	30000	41700	53400	13000	28100	---	---	---
9	57900	35200	45400	55700	31800	41800	54100	12900	29800	---	---	---
10	55900	32900	43400	54600	27000	40100	54600	12000	31000	---	---	---
11	55700	34000	45100	55700	30400	41600	56100	14900	30600	---	---	---
12	55300	35300	45700	56500	27600	40800	55500	13800	29800	---	---	---
13	56900	36600	46900	54900	31000	41300	52700	12500	28500	47900	11200	16900
14	56200	36600	46300	57900	31700	43500	53700	12700	31300	51700	9200	23200
15	54000	34200	42900	55900	31100	42100	53400	16800	30100	48500	6900	22100
16	54500	34800	44900	55600	34300	42800	52200	14700	28800	49400	5000	22700
17	54600	32800	44000	57000	31800	43800	50800	12600	27900	46100	6100	23000
18	54300	33000	43300	56700	26500	42500	52700	13300	29300	47000	8700	22600
19	55500	31000	43600	57100	26900	41300	53500	10000	26500	44800	4800	17900
20	53900	34000	42600	56900	26300	42500	54100	12400	28500	48000	2300	14800
21	55000	34000	43800	53800	25000	34900	56000	14600	28800	50900	7300	21500
22	54900	31800	42400	55400	22900	35100	53700	16000	28300	45500	9600	23100
23	55000	31000	40800	54600	21600	32800	53900	15000	28400	42000	2500	12200
24	55700	28400	39000	52800	19900	31000	53400	14600	27900	45900	2500	17100
25	54500	25800	39900	54700	15000	32600	49700	7500	22900	48300	5100	19300
26	55700	32200	43200	53700	20800	34400	52200	7600	24200	48900	4200	17300
27	55200	32200	41700	53400	16100	31200	53200	12100	29600	49300	2400	21800
28	55600	30000	40000	53200	17600	34200	51300	15200	30100	51500	5000	22200
29	54900	28300	41500	54200	20000	35400	51000	14400	30700	49300	3000	19400
30	53200	32300	43200	54500	19500	38800	53600	14700	32200	43500	800	13300
31	57100	32600	46300	---	---	---	48600	9900	31000	46100	500	14700
MONTH	58300	25800	44200	57900	15000	40500	57000	7500	30100	56000	500	20500
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	45900	800	15400	46200	2000	20100	47100	2500	17700	---	---	---
2	44500	600	11800	48000	100	13600	45700	4400	18000	---	---	---
3	46500	400	9030	48300	100	13800	45200	3300	17900	---	---	---
4	45200	400	6550	46900	500	11900	50000	2200	15500	46800	4500	11200
5	43300	300	5520	44300	100	10500	46500	4500	16300	51900	4700	18800
6	48800	600	7380	50500	200	7710	41600	5300	21900	51500	7100	19900
7	47800	1100	9470	50800	600	8050	46700	7100	20600	45200	5700	18200
8	48800	1700	10600	42100	200	6810	40700	6600	19600	47700	4200	17700
9	7800	1100	3230	22300	100	3480	48900	7000	16900	47900	5800	20000
10	50000	1900	17500	46800	100	5160	50600	7500	29000	46400	3400	19100
11	47400	3800	15900	48400	600	6220	---	---	---	47700	4800	20800
12	48500	2400	17700	38600	200	3270	---	---	---	49900	5100	23000
13	48800	2000	17800	49600	100	5450	---	---	---	47500	5600	23700
14	48900	4200	20200	48200	300	6060	---	---	---	47400	7600	23900
15	48700	4200	21200	34600	100	3330	---	---	---	45500	7900	24200
16	50700	6000	25600	44700	100	6010	---	---	---	44900	5700	22500
17	50300	8600	20900	48300	100	7910	---	---	---	47600	10100	25900
18	48600	6700	20800	46200	100	7150	---	---	---	45100	8800	25400
19	48900	6000	19200	46800	100	6610	---	---	---	49100	9900	26700
20	50400	4800	18900	44900	200	8330	---	---	---	51200	10900	28000
21	49700	5600	19900	48900	300	6690	---	---	---	53400	15400	33900
22	52800	10300	25300	48100	400	10700	---	---	---	51100	19000	32500
23	49200	3900	18300	48400	500	13700	---	---	---	52100	17000	32400
24	50200	5900	24000	46700	2000	16800	---	---	---	49900	15300	31000
25	50800	7000	25400	45700	2500	16800	---	---	---	51500	15300	31700
26	48200	8200	26200	46100	2500	16000	---	---	---	52600	15800	33300
27	50500	8300	28600	47500	3400	19000	---	---	---	52100	17600	34800
28	50100	10900	28200	47600	2600	19900	---	---	---	50400	17700	32900
29	---	---	---	41300	4300	16800	---	---	---	51300	19300	33600
30	---	---	---	47900	4100	22100	---	---	---	52000	19200	34100
31	---	---	---	47000	600	12900	---	---	---	53500	19900	33700
MONTH	52800	300	17500	50800	100	10700	50600	2200	19300	53500	3400	26200

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	53500	19800	34400	52200	17200	32100	50400	27100	37000	49600	21500	33300
2	53900	20200	32400	52200	15900	31400	50400	26400	38200	48200	21800	33300
3	54100	20100	35500	50900	14200	30200	49300	25000	37200	46900	20900	34500
4	54900	20800	34200	53100	12500	31300	50900	25300	37600	48500	21400	36500
5	53500	20700	35600	54300	13000	31600	50800	26000	39500	46000	17000	29000
6	52600	23500	37300	55200	14800	33400	51400	28300	40200	44900	10200	25000
7	51500	24200	37000	55200	18300	36500	51400	29300	40800	45200	8400	24000
8	53400	23700	38000	55400	18600	38300	52800	28600	41400	44000	5200	21700
9	53800	25300	39000	53200	17300	37300	52500	32700	43400	46700	5300	22500
10	53300	23000	39600	52000	19200	36200	51900	31500	43400	46700	4700	19600
11	52800	27900	43000	51400	19700	36800	50900	30500	42300	47600	3500	17400
12	53300	31300	43700	51500	20800	35700	52000	29100	42100	48300	2500	15600
13	53000	29500	43000	51300	23400	37900	50700	31400	41200	47400	2000	14800
14	52600	23300	40800	51400	21300	37500	50300	30100	38800	48400	3000	16300
15	52100	26000	40300	51100	18100	35300	50400	25400	37100	47600	2800	17000
16	53200	27000	40600	51900	18500	32500	51700	24400	36700	46300	4700	16800
17	53700	27500	41900	51200	15500	33200	51400	23600	37200	46200	3900	15500
18	54300	26900	41200	50400	17800	32300	51100	23000	34900	47600	3700	16500
19	53800	26400	40400	51200	15700	31100	50600	22800	34400	47900	4100	21100
20	54700	25500	40200	50700	17100	32800	50400	21700	34000	49100	6700	23000
21	54800	24900	39700	51500	16400	32900	50100	20900	35600	48900	10200	23000
22	54900	23200	39100	52100	20700	36000	51400	26300	37900	48600	8300	22200
23	55100	23900	39300	51700	24700	35500	50100	26300	36400	49700	6000	21400
24	55200	23700	37300	50800	23300	36500	50500	24800	38400	47400	6900	22000
25	54600	24800	39500	50200	22200	35500	50700	25900	38100	46400	6100	20700
26	54300	23000	38400	50300	25900	36600	50700	25800	36900	45500	5500	20600
27	53400	21700	36100	47300	25400	34900	51000	26800	37600	44100	6800	21800
28	53500	22400	35900	49200	22700	34600	50100	25500	36900	42500	9000	21900
29	52900	18000	33300	50300	26100	38500	50900	24700	37600	45000	8400	20000
30	52700	20000	33100	50100	27000	38200	50700	24200	37000	45500	9300	22600
31	---	---	---	49800	26900	37100	49700	23100	35200	---	---	---
MONTH	55200	18000	38300	55400	12500	34800	52800	20900	38200	49700	2000	22300
YEAR	58300	100	29500									

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

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.0	5.7	7.2	7.0	8.4	8.1	8.4	8.0	7.7	6.3	7.7	6.9
2	5.9	5.5	7.2	6.8	8.3	7.9	---	---	7.6	6.3	7.7	6.6
3	6.2	5.5	7.3	6.8	8.3	7.8	---	---	7.5	6.2	7.7	6.5
4	6.2	5.7	7.3	6.9	8.3	7.8	---	---	7.6	6.2	7.8	6.5
5	6.3	5.7	7.4	6.8	8.4	7.8	---	---	7.5	6.2	7.7	6.5
6	6.3	5.9	7.4	6.7	8.4	7.9	---	---	7.6	6.3	7.7	6.4
7	6.4	6.0	7.4	6.8	8.3	7.9	---	---	7.6	6.5	7.6	6.5
8	6.4	6.1	7.5	6.9	8.4	7.8	---	---	7.6	6.5	7.6	6.5
9	6.4	5.9	7.5	6.9	8.3	7.8	---	---	7.0	6.5	7.4	6.4
10	6.4	5.8	7.6	7.1	8.4	7.8	---	---	7.6	6.7	7.6	6.6
11	6.5	6.2	7.6	7.0	8.4	7.8	---	---	7.6	6.6	7.7	6.6
12	6.5	6.0	7.6	7.2	8.4	7.7	---	---	7.6	6.6	7.6	6.4
13	6.6	6.1	7.7	7.2	8.4	7.9	7.8	7.3	7.7	6.6	7.6	6.4
14	6.6	5.8	7.7	7.4	8.4	7.9	7.8	7.1	7.7	6.9	7.6	6.4
15	6.6	5.8	7.7	7.4	8.4	7.9	7.8	6.9	7.7	6.8	7.4	6.4
16	6.7	6.1	7.8	7.3	8.4	7.7	7.8	6.9	7.7	7.0	7.6	6.4
17	6.7	6.2	7.9	7.4	8.4	7.8	7.8	7.0	7.7	7.2	7.6	6.4
18	6.8	6.2	7.9	7.4	8.4	7.8	7.7	7.1	7.6	7.0	7.6	6.4
19	6.8	6.4	7.9	7.6	8.4	7.6	7.7	7.0	7.7	6.9	7.7	6.6
20	6.8	6.5	8.0	7.7	8.4	7.7	7.8	6.8	7.7	7.0	7.6	6.4
21	6.9	6.5	8.0	7.4	8.4	7.9	7.7	7.0	7.7	7.0	7.6	6.4
22	6.9	6.5	8.1	7.4	8.4	7.9	7.8	7.0	7.7	7.1	7.7	6.6
23	7.0	6.6	8.1	7.6	8.4	7.9	7.8	6.8	7.7	6.9	7.6	6.7
24	7.0	6.5	8.2	7.5	8.4	7.7	7.7	6.7	7.7	6.9	7.7	6.9
25	7.1	6.6	8.4	7.7	8.4	7.5	7.7	6.9	7.7	7.0	7.8	7.0
26	7.1	6.6	8.4	7.8	8.4	7.6	7.7	6.9	7.7	7.1	7.8	6.9
27	7.1	6.6	8.4	7.8	8.4	7.7	7.7	6.7	7.7	7.1	7.8	6.8
28	7.1	6.6	8.4	7.9	8.4	7.9	7.7	6.9	7.7	7.3	7.8	6.9
29	7.1	6.7	8.4	7.9	8.4	7.9	7.7	6.6	---	---	7.8	7.1
30	7.2	6.8	8.4	7.8	8.3	7.8	7.7	6.5	---	---	7.9	7.2
31	7.2	6.9	---	---	8.4	7.7	7.7	6.4	---	---	7.9	7.0
MONTH	7.2	5.5	8.4	6.7	8.4	7.5	---	---	7.7	6.2	7.9	6.4

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

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

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

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	26.0	27.5	29.0	27.0	28.0	29.5	28.5	29.0	28.5	27.0	28.0
2	29.0	26.0	27.5	29.5	27.0	28.0	29.5	28.5	29.0	28.5	27.0	27.5
3	29.0	26.5	27.5	29.0	27.5	28.5	30.0	29.0	29.5	28.0	26.5	27.5
4	27.5	26.5	27.0	29.0	27.5	28.5	30.5	29.0	29.5	27.0	25.5	26.5
5	28.0	25.5	26.5	29.5	27.0	28.5	30.5	28.5	29.5	26.5	25.5	26.0
6	28.0	25.5	26.5	30.0	26.5	28.5	31.0	28.5	29.5	27.0	25.5	26.0
7	29.0	26.0	27.0	30.0	26.0	28.0	31.0	28.5	29.5	26.5	25.5	26.0
8	29.5	26.5	27.5	29.0	25.5	27.5	31.5	28.5	29.5	28.0	25.5	26.5
9	30.0	26.0	28.0	30.0	24.5	27.5	31.5	28.5	30.0	28.5	26.0	27.0
10	30.0	26.0	28.0	30.5	25.0	28.0	32.0	29.0	30.0	29.0	26.0	27.0
11	27.5	26.0	27.0	30.5	25.0	28.0	30.0	29.0	29.5	28.0	26.0	27.0
12	29.5	26.0	27.5	30.5	25.5	28.0	29.5	27.5	28.5	27.5	26.0	26.5
13	28.5	26.5	27.5	30.0	25.5	27.5	29.0	27.5	28.0	28.5	25.5	26.5
14	27.5	26.5	27.0	30.0	26.0	28.0	28.0	26.5	27.5	27.5	25.5	26.5
15	29.0	26.5	27.5	29.0	25.5	27.5	28.0	26.5	27.5	28.0	26.0	27.0
16	28.5	27.0	28.0	29.0	25.5	27.5	28.5	26.5	27.5	28.0	26.0	27.0
17	28.5	27.0	28.0	28.0	26.5	27.5	29.5	27.5	28.5	27.5	26.0	26.5
18	29.0	26.5	28.0	28.0	26.5	27.0	30.0	28.0	28.5	28.0	26.0	27.0
19	29.5	26.5	27.5	28.5	26.5	27.5	31.0	28.5	29.0	28.0	26.5	27.0
20	29.0	26.5	27.5	29.0	26.5	27.5	29.5	28.0	28.5	28.0	26.5	27.0
21	29.5	26.5	28.0	30.5	27.5	28.0	30.5	28.0	29.0	28.0	26.5	27.0
22	29.0	26.5	28.0	30.0	27.5	28.5	30.0	28.5	29.0	27.5	26.0	27.0
23	29.5	27.0	28.0	31.0	27.5	29.0	30.0	28.0	29.0	27.0	25.0	26.0
24	30.0	27.0	28.0	30.5	28.0	29.0	29.0	27.5	28.5	27.5	24.5	26.0
25	29.0	26.5	28.0	30.0	28.5	29.0	29.5	27.5	28.0	27.0	24.5	26.0
26	28.5	26.5	27.5	30.5	28.5	29.0	30.5	27.5	28.5	27.5	24.5	26.0
27	29.0	27.0	28.0	31.5	28.5	29.5	30.0	28.0	29.0	26.5	24.5	25.5
28	29.0	26.5	27.5	30.5	28.5	29.5	30.5	28.5	29.0	26.0	24.0	25.0
29	30.0	26.5	28.0	29.5	28.0	29.0	29.5	28.5	29.0	26.5	23.5	25.0
30	29.0	27.0	28.0	30.0	28.0	29.0	29.5	27.5	28.5	26.0	24.0	25.0
31	---	---	---	30.0	28.5	29.0	28.5	27.5	28.0	---	---	---
MONTH	30.0	25.5	27.5	31.5	24.5	28.0	32.0	26.5	29.0	29.0	23.5	26.5
YEAR	32.0	7.0	20.0									

02136390 WINYAH BAY AT MOUTH NEAR GEORGETOWN, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	9.2	8.5	8.9	10.6	9.9	10.1
2	---	---	---	---	---	---	8.7	8.0	8.5	---	---	---
3	6.8	5.0	6.0	---	---	---	8.6	7.6	8.0	---	---	---
4	6.7	4.0	5.6	---	---	---	8.6	7.7	8.1	---	---	---
5	6.6	3.2	5.6	---	---	---	8.8	7.7	8.2	---	---	---
6	7.1	4.8	6.2	---	---	---	9.3	8.3	8.8	---	---	---
7	7.0	5.4	6.3	---	---	---	9.4	8.3	8.8	---	---	---
8	7.5	5.3	6.5	---	---	---	9.0	7.9	8.6	---	---	---
9	6.8	5.1	5.9	---	---	---	9.0	7.8	8.4	---	---	---
10	6.9	5.0	6.0	---	---	---	8.9	7.8	8.3	---	---	---
11	---	---	---	---	---	---	8.8	7.4	8.2	---	---	---
12	---	---	---	---	---	---	8.8	7.7	8.4	---	---	---
13	---	---	---	---	---	---	9.6	8.2	9.0	10.2	9.8	10.1
14	---	---	---	---	---	---	9.9	9.3	9.5	10.0	9.4	9.7
15	---	---	---	---	---	---	9.7	8.9	9.3	10.0	9.1	9.5
16	---	---	---	---	---	---	9.5	8.6	9.0	9.9	9.0	9.4
17	---	---	---	---	---	---	9.5	8.4	9.0	10.0	9.2	9.7
18	---	---	---	---	---	---	9.5	8.5	8.9	10.0	9.4	9.7
19	---	---	---	---	---	---	9.4	8.4	8.9	9.8	9.0	9.4
20	---	---	---	---	---	---	9.3	8.5	8.8	9.5	9.1	9.3
21	---	---	---	---	---	---	9.7	8.9	9.3	9.5	9.0	9.2
22	---	---	---	---	---	---	10.1	9.5	9.8	9.7	8.9	9.4
23	---	---	---	---	---	---	10.2	9.4	9.8	9.8	9.0	9.4
24	---	---	---	---	---	---	10.0	9.1	9.6	9.8	9.0	9.4
25	---	---	---	8.8	8.2	8.4	9.6	8.8	9.2	9.7	8.9	9.4
26	---	---	---	8.8	7.7	8.4	9.4	8.7	9.1	9.9	9.1	9.6
27	---	---	---	8.5	7.8	8.2	9.8	9.0	9.4	10.1	9.5	9.8
28	---	---	---	8.8	8.1	8.5	10.0	9.2	9.6	9.8	9.1	9.5
29	---	---	---	8.7	7.8	8.4	10.1	9.3	9.7	10.0	8.9	9.3
30	---	---	---	8.9	7.9	8.4	10.0	9.2	9.6	10.0	9.0	9.4
31	---	---	---	---	---	---	10.3	9.2	9.8	10.0	9.3	9.7
MONTH	7.5	3.2	6.0	8.9	7.7	8.4	10.3	7.4	9.0	10.6	8.9	9.6
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.9	9.1	9.5	10.4	9.6	9.9	9.2	7.6	8.3	---	---	---
2	9.6	9.0	9.3	9.8	8.8	9.3	8.9	7.2	8.0	---	---	---
3	9.4	8.9	9.1	9.8	8.4	9.0	8.9	7.2	7.8	---	---	---
4	9.5	8.8	9.2	9.8	8.4	8.9	8.6	7.5	8.1	6.2	4.5	5.3
5	10.1	8.9	9.5	9.8	8.4	9.1	8.9	7.9	8.3	7.4	5.3	6.4
6	10.2	9.5	9.8	10.2	8.2	8.9	9.2	7.9	8.5	7.0	4.1	5.9
7	10.1	9.1	9.6	10.2	8.5	9.0	8.9	7.8	8.3	6.3	4.0	5.3
8	9.7	8.8	9.1	9.7	8.0	8.7	8.7	7.8	8.1	6.7	4.0	5.4
9	10.6	9.2	9.8	8.9	7.6	8.1	9.0	7.5	8.0	6.8	4.2	5.7
10	10.6	9.2	9.8	9.6	7.6	8.6	9.2	7.8	8.7	6.4	3.8	5.2
11	9.7	8.8	9.2	10.0	8.4	8.9	---	---	---	6.3	3.7	5.2
12	9.7	8.5	9.1	9.4	8.2	8.6	---	---	---	6.4	4.1	5.2
13	9.6	8.8	9.1	10.0	7.4	8.1	---	---	---	6.5	3.6	4.9
14	9.4	8.8	9.1	9.7	7.6	8.1	---	---	---	6.5	3.9	5.4
15	9.7	8.5	9.1	8.8	7.3	7.9	---	---	---	6.5	3.8	5.2
16	10.2	9.7	10.1	9.3	7.6	8.1	---	---	---	6.2	4.1	5.0
17	10.2	9.6	10.0	9.8	8.1	8.9	---	---	---	5.8	3.9	4.9
18	10.1	9.2	9.7	9.7	7.7	8.4	---	---	---	6.1	3.4	4.6
19	10.1	9.2	9.8	9.6	8.2	8.6	---	---	---	5.5	3.2	4.6
20	10.4	9.5	9.9	9.7	8.0	8.8	---	---	---	5.5	3.3	4.3
21	10.5	9.8	10.2	9.7	7.7	8.1	---	---	---	6.9	3.9	4.9
22	10.6	9.8	10.2	9.8	7.7	8.2	---	---	---	5.6	3.9	4.7
23	10.5	9.7	10.1	9.8	7.7	8.5	---	---	---	6.6	3.6	4.7
24	10.6	9.7	10.1	9.7	8.1	8.7	---	---	---	5.8	3.3	4.5
25	10.5	9.7	10.2	9.8	8.0	8.7	---	---	---	5.1	3.2	4.3
26	10.9	10.0	10.5	9.6	7.2	8.3	---	---	---	5.1	3.4	4.2
27	11.0	10.4	10.8	9.5	7.1	8.0	---	---	---	6.0	3.4	4.6
28	10.9	10.0	10.5	9.3	6.8	7.8	---	---	---	5.8	3.7	4.7
29	---	---	---	9.3	7.2	8.1	---	---	---	5.7	3.9	4.9
30	---	---	---	9.4	7.4	8.3	---	---	---	5.8	3.8	4.8
31	---	---	---	9.1	7.3	7.8	---	---	---	5.0	3.4	4.2
MONTH	11.0	8.5	9.7	10.4	6.8	8.5	9.2	7.2	8.2	7.4	3.2	5.0

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	4.5	3.3	3.6	5.9	3.9	4.7	5.7	3.8	4.9	6.2	3.3	4.8
2	6.6	3.5	4.3	5.8	4.2	4.7	5.4	3.9	4.8	5.6	3.4	4.7
3	7.0	3.3	4.6	6.1	4.4	4.9	5.3	3.9	4.7	5.5	3.7	4.9
4	5.5	3.4	4.4	5.5	4.0	4.7	5.3	3.0	4.6	6.1	5.1	5.7
5	6.0	3.4	4.6	5.6	4.0	4.7	5.7	3.2	4.7	6.0	4.8	5.6
6	6.3	4.0	4.9	6.1	4.1	5.0	5.8	3.5	4.8	5.6	4.2	5.0
7	6.9	3.7	4.7	6.0	4.6	5.2	5.7	3.5	4.9	5.6	4.0	4.9
8	6.1	3.3	4.5	7.1	4.4	6.0	6.4	4.1	5.2	5.2	3.7	4.4
9	5.1	3.2	4.2	7.3	5.4	6.3	5.9	3.7	5.0	5.3	3.5	4.2
10	5.2	3.0	4.3	7.4	5.5	6.5	5.6	3.6	4.9	5.2	3.9	4.4
11	5.6	4.1	4.8	7.4	5.8	6.6	5.9	4.2	5.1	5.2	3.1	3.8
12	5.6	3.5	4.5	7.5	5.8	6.6	6.1	4.5	5.5	4.6	3.0	3.4
13	5.1	2.8	4.5	7.7	5.8	6.7	6.1	5.1	5.8	4.1	3.0	3.3
14	5.9	3.1	4.2	7.4	5.6	6.6	6.6	5.1	5.8	4.0	2.9	3.3
15	5.4	2.7	4.2	8.4	4.8	6.6	6.9	4.2	5.5	4.5	3.1	3.6
16	5.8	3.0	4.5	8.7	5.7	6.8	7.1	4.2	5.4	4.2	3.0	3.6
17	4.9	3.0	4.2	8.1	6.3	7.0	6.9	3.7	5.2	4.3	3.0	3.4
18	5.7	3.5	4.3	8.8	6.3	7.3	6.6	4.3	5.2	4.2	3.0	3.3
19	5.4	3.3	4.2	9.1	6.0	7.3	6.8	4.3	5.4	4.7	3.2	3.8
20	5.0	2.8	4.0	9.2	6.8	7.3	6.5	4.0	5.3	4.8	3.1	3.7
21	5.1	3.3	4.1	9.0	6.0	7.1	8.7	4.1	5.6	5.0	3.0	3.6
22	5.3	3.4	4.2	8.2	5.9	6.7	6.7	4.1	5.1	4.6	3.0	3.5
23	5.6	3.4	4.4	8.8	5.3	6.8	6.9	4.6	5.4	4.6	3.1	3.8
24	6.4	3.5	4.5	9.6	5.6	6.9	6.3	4.7	5.4	4.6	3.0	3.7
25	6.3	4.1	4.9	8.8	5.5	6.6	6.7	4.6	5.4	4.6	3.1	3.6
26	5.9	3.9	4.9	7.6	5.5	6.2	6.7	3.2	5.1	5.2	2.9	3.7
27	5.6	3.7	4.6	6.2	4.2	5.5	6.2	3.7	4.8	5.2	3.2	4.1
28	6.7	3.8	5.2	6.6	4.3	5.3	6.0	3.2	4.7	5.5	3.7	4.7
29	6.0	4.3	5.3	6.3	3.8	5.3	5.6	3.7	4.7	5.2	3.9	4.5
30	5.6	4.0	4.9	6.5	4.2	5.4	6.5	3.9	5.2	4.6	3.4	4.0
31	---	---	---	6.4	3.7	5.0	5.7	3.7	4.7	---	---	---
MONTH	7.0	2.7	4.5	9.6	3.7	6.1	8.7	3.0	5.1	6.2	2.9	4.1
YEAR	11.0	2.7	6.8									

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 Jul. 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi downstream, at different datum.

REMARKS.--Records good except for estimated daily discharges, Oct. 1 to Nov. 12 and Jul. 25 to Sept. 3, which are poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--53 years, 4,502 ft^3/s, 20.04 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, 34,300 ft^3/s, Mar. 1, gage height, 12.06 ft; minimum daily, 537 ft^3/s, Sept. 27.

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	1710	1500	5220	4800	8410	28900	5740	9880	2850	4100	1700	840
2	1600	1100	1250	2250	7600	23100	5610	9490	3880	4800	2100	1200
3	2100	3100	2920	3880	8440	13700	848	7410	3440	5600	3200	960
4	1100	2900	3530	3450	8260	4840	5750	5950	6430	829	4600	788
5	720	3400	4860	6340	7950	5070	8340	7020	1190	2760	4800	906
6	780	2500	3100	8550	8430	6380	6250	8930	576	7130	2600	842
7	940	1600	2970	8610	5600	8250	6500	8150	2370	5020	2600	881
8	700	1500	3770	8600	657	8430	8610	8970	3160	3240	1900	2760
9	740	1000	6050	8540	5670	8400	8620	1430	1450	5530	1100	6710
10	1000	1400	5880	6600	7360	8780	8200	682	819	5760	1200	2020
11	880	2000	4980	7070	6740	10300	1780	3060	825	5250	1300	3290
12	800	3600	4750	8660	6540	10400	622	4530	2430	3580	1600	989
13	800	4050	4690	7870	7980	10500	7010	4630	978	4650	1800	805
14	1200	3830	4700	8380	8080	10700	10600	4890	1060	637	900	1500
15	1000	4330	4940	2190	7730	8610	10300	4000	954	1790	750	5040
16	860	4070	4070	591	8130	9960	3420	4140	609	2790	1000	8390
17	900	4560	5950	597	8740	10600	7370	1040	1240	1850	2200	8380
18	740	2660	7450	833	8330	8800	7560	5010	642	1970	4400	6180
19	800	1980	6470	1100	5980	8810	5170	6540	1100	904	2000	742
20	760	3660	4950	3290	660	5690	4670	8210	2760	2100	1100	2900
21	800	4210	2700	7530	658	2600	7970	3220	3350	5010	1000	1620
22	840	1210	4800	3370	1200	3900	6620	4960	2860	3830	980	779
23	800	991	2800	720	4710	6970	8420	4950	5040	3980	960	754
24	780	1590	1830	3440	3930	10500	8370	2710	7230	3770	930	856
25	760	1470	1100	6410	9590	9070	10300	4790	979	2000	940	1020
26	1300	759	2320	4420	10400	6440	9720	4440	2180	1100	980	766
27	1900	646	6540	7590	8790	6340	8520	1980	2920	2800	1500	537
28	3400	1110	8230	6250	13000	6590	8130	4610	3810	3000	2600	1840
29	2500	1560	9800	5040	---	947	8340	5840	3210	3900	1200	584
30	4500	2490	10100	5180	---	6040	8990	5590	3370	1700	1000	1610
31	3500	---	8980	6590	---	5160	---	1080	---	1200	900	---
TOTAL	41210	70776	151700	158741	189565	274777	208350	158132	73712	102580	55840	66489
MEAN	1329	2359	4894	5121	6770	8864	6945	5101	2457	3309	1801	2216
MAX	4500	4560	10100	8660	13000	28900	10600	9880	7230	7130	4800	8390
MIN	700	646	1100	591	657	947	622	682	576	637	750	537

CAL YR 1986 TOTAL 810280 MEAN 2220 MAX 10100 MIN 227
WTR YR 1987 TOTAL 1551870 MEAN 4252 MAX 28900 MIN 537

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. 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.--Estimated daily discharges; Apr. 15-20, 23-28, May 1-8 and Aug. 25-27. Records poor. Flow regulated by Lake Wylie, usable capacity, 2,520,500,000 ft^3.

AVERAGE DISCHARGE.--19 years, 5,480 ft^3/s 21.08 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 59,200 ft^3/s, Mar. 1, gage height, 21.10 ft (from indicator); minimum daily, 760 ft^3/s Aug. 25, from hydrograph comparison.

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	2100	2050	5610	8310	9290	35000	7030	11000	1820	4730	1700	951
2	1860	1020	3580	8740	8410	27000	6550	10000	4330	4100	2060	1100
3	2580	3410	3430	4110	9640	1900	2700	9500	3030	7080	3180	1660
4	2030	3230	4570	5480	9080	7040	4650	8000	9100	1310	5100	1010
5	834	3950	5070	5040	8700	4210	9450	7000	1960	1310	5280	1120
6	856	2760	4450	9370	9030	7580	6780	9000	1120	7630	3470	1460
7	1120	1600	3110	9430	7280	8210	7190	11000	1210	6060	3390	2030
8	801	1540	3890	9450	1890	9200	9440	10100	2760	3210	3130	6190
9	839	1060	5910	9310	4130	10700	9400	3550	3010	5550	1360	7940
10	1190	1680	6910	7320	7960	9700	9360	1170	1250	6080	1380	6520
11	911	3660	6800	7510	7300	11100	3500	2080	1050	5780	1490	8080
12	864	4470	6540	9510	6650	11300	1060	6320	2320	4160	1550	8640
13	861	4680	5620	8460	8460	11200	5500	6050	1320	4730	1890	6990
14	1410	5280	5280	9170	8580	11500	10200	6030	1230	2340	1810	2530
15	1140	5320	5780	4400	8140	9590	13000	6570	1130	1240	826	4370
16	910	3960	4920	874	8590	10100	12000	5740	901	2100	831	8780
17	943	5520	5650	844	9330	11300	4500	1860	1310	2820	2370	8760
18	788	3980	8020	1510	9100	10200	9000	3480	932	1110	5020	7620
19	859	2490	7950	6140	8680	9730	9500	6890	1590	2270	3790	1510
20	842	3030	4930	7690	1490	9770	6000	8760	2210	1160	1200	2470
21	853	7530	4630	8230	1090	2520	7600	4820	3830	4670	1050	2180
22	882	1880	4160	8130	1160	4850	7280	3840	3040	4410	1020	1010
23	862	1120	3920	5500	5600	5830	9000	5530	4910	4110	991	972
24	843	1570	3020	3700	2920	11500	9400	4640	8030	3780	827	953
25	839	2330	3440	7420	9880	10700	12000	3090	1870	3250	760	1160
26	1560	2160	1500	8370	11100	7970	11000	6740	2560	1380	900	1060
27	2230	3410	6880	8490	12600	6550	10000	1190	3170	2560	1500	819
28	4790	1940	8340	7430	18000	10400	9000	3780	3410	2860	3060	1460
29	2800	1510	11000	6610	---	4040	9050	6020	3850	4090	1450	1340
30	5950	2700	10900	4940	---	5940	9210	6650	2970	2220	1160	1660
31	4550	---	10300	7370	---	8590	---	2210	---	876	968	---
TOTAL	49897	90840	176110	208858	214080	305220	240350	182610	81223	108976	64513	102345
MEAN	1610	3028	5681	6737	7646	9846	8012	5891	2707	3515	2081	3411
MAX	5950	7530	11000	9510	18000	35000	13000	11000	9100	7630	5280	8780
MIN	788	1020	1500	844	1090	1900	1060	1170	901	876	760	819

CAL YR 1986 TOTAL 973490 MEAN 2667 MAX 11000 MIN 480
WTR YR 1987 TOTAL 1825020 MEAN 5000 MAX 35000 MIN 760

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 September 1987.

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

REMARKS.--Records good, except for estimated daily discharges: Oct. 31 to Nov. 17, Dec. 9-18, Jan. 1-2, Feb. 18-25, and Sept. 4-13, which are poor.

AVERAGE DISCHARGE.--31 years (water years 1952-81,1987), 196 ft^3/s, 13.72 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)
Jan. 19	1100	3610	6.40	Mar. 1	0500	*7320	*8.64
Jan. 23	0300	3890	6.60				

Minimum discharge, 6.3 ft^3/s, gage height, 0.71 ft, Aug. 28.

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	22	29	171	1400	168	6290	440	74	36	26	18	97
2	21	31	506	2100	156	1530	299	74	52	26	18	26
3	20	32	549	473	165	604	240	70	37	28	19	20
4	19	32	270	296	147	463	220	68	63	130	15	130
5	18	33	179	223	129	387	184	72	125	215	14	1300
6	17	32	138	179	121	328	162	67	59	66	30	2100
7	16	31	117	158	282	245	148	64	43	45	55	2400
8	17	32	106	139	275	236	136	61	37	38	32	2300
9	55	33	98	124	178	323	128	55	34	32	20	1300
10	61	32	250	122	142	311	117	53	32	28	24	1100
11	67	36	420	117	131	216	112	51	41	25	25	1400
12	44	52	360	104	125	188	107	51	39	24	19	1700
13	36	78	220	96	118	176	102	50	35	25	15	1900
14	60	110	170	101	112	157	97	75	46	26	13	1720
15	51	120	140	114	116	145	195	61	40	21	12	1380
16	37	72	120	120	147	134	175	56	63	19	12	1210
17	32	64	115	115	207	123	174	51	49	18	12	1090
18	29	59	110	486	300	118	166	48	40	17	12	874
19	27	51	105	2910	260	200	140	45	162	16	10	720
20	26	91	94	1510	212	206	122	44	87	15	10	662
21	26	190	86	507	250	158	109	44	65	14	11	601
22	26	103	78	2490	290	136	103	42	48	14	9.4	569
23	25	74	78	2450	320	122	97	41	40	13	8.4	528
24	25	62	717	626	140	113	104	39	37	13	7.3	510
25	28	1370	1080	530	120	121	130	37	35	13	6.5	500
26	56	1740	350	1260	124	130	115	38	43	13	6.5	489
27	53	1530	228	525	1090	210	95	63	40	12	6.9	482
28	37	424	173	346	5160	1430	86	41	35	11	6.6	477
29	32	240	143	266	---	430	79	39	28	18	6.3	474
30	30	171	126	230	---	1260	74	36	26	20	7.4	496
31	28	---	111	198	---	950	---	33	---	24	36	---
TOTAL	1041	6954	7408	20315	10985	17440	4456	1643	1517	1005	497.3	28555
MEAN	33.6	232	239	655	392	563	149	53.0	50.6	32.4	16.0	952
MAX	67	1740	1080	2910	5160	6290	440	75	162	215	55	2400
MIN	16	29	78	96	112	113	74	33	26	11	6.3	20

CAL YR 1986 TOTAL 35703.0 MEAN 241 MAX 5310 MIN 16
WTR YR 1987 TOTAL 101816.2 MEAN 279 MAX 6290 MIN 6.3

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.--64 years (water years 1904-10, 1929-87), 6,378 ft^3/s, 17.09 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, 69,600 ft^3/s Mar. 2, gage height, 30.44 ft; minimum daily, 309 ft^3/s Oct. 18.

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	1460	1290	5800	10700	13200	38800	11800	10500	1510	2820	872	1550
2	1770	464	5680	13300	13400	66100	11500	10200	3380	5380	856	2350
3	1740	4410	6190	13600	13400	44300	11300	10400	5990	6870	4040	1290
4	1020	4120	5880	13400	8680	26200	11100	10500	8930	4800	3460	941
5	643	3400	7760	12800	8000	17600	11000	10700	7680	6320	3430	2300
6	983	3170	4510	12700	11000	14900	10900	10300	5530	5180	3220	3460
7	601	1660	3910	12000	7180	14100	10900	8230	2440	2740	3320	2970
8	2220	1650	5890	8450	3810	13800	10900	9190	1860	5350	3410	12200
9	1090	405	6600	10200	7290	13800	10800	6640	1200	6480	2850	12300
10	895	1970	7540	9150	9230	13500	10700	2140	1200	6100	2950	9670
11	1560	3840	8080	10200	10200	13600	5480	2850	1050	5830	1590	11300
12	617	2850	8770	10900	7200	13600	3460	7280	2420	4460	2240	12300
13	5010	4280	8480	9430	9360	13500	7290	5370	1520	5080	1680	13400
14	2840	4090	8890	8990	12400	13500	10500	4760	1570	3680	1170	13200
15	396	5570	7770	1060	9440	13200	10800	5390	2130	1050	2240	13000
16	323	5500	5800	357	10800	11000	10700	4550	1280	1640	1720	12900
17	470	6410	8200	388	12800	12700	10800	3100	3190	2350	2410	12600
18	309	2360	8400	509	10900	13300	10800	4760	1880	4240	2700	12000
19	379	5310	9050	10400	12600	13500	10500	7880	2820	2890	3290	7680
20	318	5460	4940	17800	9540	13600	9810	9000	4080	2860	1570	6160
21	516	7020	3470	18400	838	12500	10300	5660	2060	3060	1630	866
22	422	2300	7250	19500	476	5250	10500	5480	3380	1810	557	550
23	582	799	7250	22400	4410	7490	10500	3690	2900	3260	1960	1500
24	1240	6590	6340	20000	3480	10700	10600	3560	5040	4480	1670	2120
25	1290	3760	3480	16100	12300	9360	10700	5570	5470	3270	1280	1090
26	2080	8480	4960	15200	12900	10600	10700	3950	6410	1050	1800	1740
27	3930	9500	10800	14900	13600	11100	10500	5160	4280	2680	3190	1270
28	4500	8400	8490	14300	15700	11700	10600	6220	3440	5300	1660	1440
29	2880	2950	7960	13900	---	11900	10700	5830	3800	2990	514	2260
30	4030	2100	11700	13800	---	12000	10500	5800	3260	3730	895	2110
31	4270	---	12100	13500	---	12100	---	3050	---	2970	1430	---
TOTAL	50384	120108	221940	368334	264134	509800	306640	197710	101700	120720	65604	178517
MEAN	1625	4004	7159	11880	9433	16450	10220	6378	3390	3894	2116	5951
MAX	5010	9500	12100	22400	15700	66100	11800	10700	8930	6870	4040	13400
MIN	309	405	3470	357	476	5250	3460	2140	1050	1050	514	550

CAL YR 1986 TOTAL 1167510 MEAN 3199 MAX 12900 MIN 207
WTR YR 1987 TOTAL 2505590 MEAN 6865 MAX 66100 MIN 309

02148315 WATEREE RIVER BELOW EASTOVER, SC

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

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

WATER-DISCHARGE RECORDS

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

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

REMARKS.--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; therefore, the daily mean discharge is not shown for Jan. 22 and Mar. 4-6.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined; minimum daily, 549 ft^3/s, Oct. 22.

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	1230	4170	3620	9430	9870	9740	9430	8560	4650	3660	3130	1220
2	1690	2840	4780	9360	9860	9750	9430	8530	2730	3240	2490	1600
3	1810	1740	5960	9660	9870	9760	9390	8440	2780	5300	1290	1860
4	2140	2170	6150	9780	9830	---	9300	8470	5340	5570	2100	1990
5	1970	3970	6210	9840	9410	---	9230	8550	7020	5470	3570	1740
6	1170	3670	6870	9840	8830	---	9150	8620	6900	5610	3280	1910
7	948	3610	5990	9830	9130	9740	9090	8500	5180	5320	3540	3340
8	1170	2720	4970	9690	8300	9700	9030	7880	3310	3710	3340	4080
9	1260	2230	5240	9120	6500	9680	8970	7930	2550	4880	3470	8010
10	2070	1620	6320	8960	6870	9650	8930	6890	1930	5860	3250	9010
11	1880	1240	6950	8690	8240	9620	8770	4080	1560	5850	3090	8820
12	1840	2830	7350	8840	8500	9620	7150	3410	1540	5460	2780	9060
13	1910	3670	7750	9030	7790	9610	5260	5730	2200	4760	2030	9340
14	2800	4150	7950	8730	8310	9600	6560	5410	2180	4980	2210	9540
15	4070	4760	8050	8100	9230	9630	8290	5360	1920	4060	1730	9630
16	2180	5150	7350	4950	9030	9620	8690	5400	2240	2460	1860	9680
17	1170	5720	6460	2720	9130	9490	8800	5220	2040	1700	1880	9710
18	871	6190	7290	2060	9480	9470	8840	4120	2860	2380	2020	9700
19	832	4600	7760	2240	9470	9550	8850	4360	2430	3500	2500	9550
20	648	4720	7870	7730	9540	9570	8740	6560	3230	3290	3180	8640
21	611	5740	6420	9920	9120	9580	8500	7380	3810	2820	2490	7240
22	549	6510	4780	---	6120	9520	8520	6280	2900	2910	1730	4310
23	673	4650	6140	9980	3610	8260	8590	5160	3370	2690	1600	2360
24	704	2650	7010	9960	3890	7790	8600	4660	3640	2670	1330	1980
25	872	4430	6670	9960	5170	8760	8590	3980	5050	4080	1640	2690
26	1310	5140	5340	9970	8640	8800	8630	5060	5480	3760	1600	2380
27	1930	6460	5530	9940	9440	8900	8620	4970	5790	2080	1440	2330
28	2570	8010	8150	9920	9640	9150	8580	4280	4740	1870	2180	2250
29	4040	7650	7920	9910	---	9290	8590	5650	3910	4200	2680	1840
30	3650	5340	7720	9920	---	9410	8600	5770	4140	3700	1530	2590
31	3620	---	8960	9890	---	9440	---	5710	---	3880	901	---
TOTAL	54188	128350	205530	---	232820	---	257720	190920	107420	121720	71861	158400
MEAN	1748	4278	6630	---	8315	---	8591	6159	3581	3926	2318	5280
MAX	4070	8010	8960	---	9870	---	9430	8620	7020	5860	3570	9710
MIN	549	1240	3620	---	3610	---	5260	3410	1540	1700	901	1220

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 Oct. 1970, data collection platform since Oct. 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 243 microsiemens, Aug. 12, 1986; minimum, 40 microsiemens, Sept. 1, 1984.
pH: Maximum, 8.5 units, Aug. 26, 1980; minimum, 5.8 units, Aug. 3, 1982.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 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, 236 microsiemens, Nov. 27, 28; minimum, 69 microsiemens, Mar. 11.
pH: Maximum, 7.8 units, Sept. 16, 17; minimum, 6.1 units, Aug. 3, 13.
WATER TEMPERATURE: Maximum, 31.5°, Aug. 10; minimum, 5.5°C, Jan. 29.
DISSOLVED OXYGEN: Maximum, 9.3 mg/L, Jan. 14; minimum, 4.3 mg/L, Sept. 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	192	161	175	191	185	187	215	208	213	178	175	176
2	195	180	187	189	187	188	222	199	209	---	---	---
3	199	184	191	190	186	188	225	216	221	164	160	161
4	199	186	191	187	170	179	223	209	217	163	158	161
5	193	177	186	182	177	181	223	214	218	158	154	156
6	183	164	178	185	182	184	225	214	221	157	154	155
7	175	163	166	192	185	189	227	219	222	155	154	154
8	183	167	176	197	193	195	219	213	217	155	142	150
9	183	157	170	198	192	195	221	216	218	142	139	140
10	191	170	181	203	198	202	223	215	220	143	140	141
11	174	167	170	203	178	188	217	210	213	138	135	137
12	165	126	140	218	188	208	213	203	209	138	133	136
13	143	120	130	224	206	218	206	200	203	140	133	135
14	137	116	125	207	202	205	200	188	193	138	111	123
15	155	141	153	203	184	191	194	181	189	127	114	123
16	153	152	152	188	179	181	183	180	182	---	---	---
17	154	136	146	193	176	187	182	173	178	---	---	---
18	136	130	133	190	175	185	180	173	177	---	---	---
19	130	127	128	192	181	187	180	176	178	---	---	---
20	131	128	129	181	165	172	181	178	179	---	---	---
21	137	131	132	---	---	---	179	176	178	116	109	112
22	144	137	142	---	---	---	179	176	178	---	---	---
23	145	140	142	---	---	---	185	175	179	---	---	---
24	155	146	152	184	160	178	185	177	180	---	---	---
25	178	148	154	214	150	171	180	176	179	---	---	---
26	190	179	185	216	209	214	178	171	175	---	---	---
27	196	183	191	236	200	215	176	166	169	---	---	---
28	197	189	193	236	228	232	187	176	184	101	100	101
29	189	187	188	232	219	226	182	173	176	100	98	99
30	188	185	187	220	214	218	175	171	173	98	95	97
31	191	186	189	---	---	---	179	175	178	95	92	94
MONTH	199	116	161	236	150	198	227	166	195	178	92	136

02148315 WATEREE RIVER BELOW EASTOVER, 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	93	91	92	116	98	105	78	74	75	103	102	103
2	92	88	90	103	97	101	80	77	78	105	102	104
3	89	88	89	103	88	97	87	80	86	104	103	104
4	90	89	90	102	85	96	89	85	87	105	102	104
5	90	88	89	85	77	80	87	85	87	104	102	103
6	92	88	90	77	75	77	89	87	88	103	102	103
7	95	92	94	75	73	74	89	88	89	103	83	93
8	94	91	92	74	73	73	90	88	89	82	74	76
9	95	92	94	73	72	73	88	87	88	76	74	75
10	98	91	95	72	71	71	91	88	89	85	73	76
11	99	98	98	72	69	71	91	90	91	93	85	89
12	101	99	100	73	70	71	91	88	89	98	92	96
13	104	99	101	75	72	74	96	92	94	99	95	97
14	113	103	108	78	75	77	96	91	94	99	95	96
15	117	113	115	83	78	80	97	93	95	97	93	94
16	117	112	115	87	83	84	100	97	98	98	93	95
17	121	113	117	87	84	85	99	95	97	98	96	97
18	121	116	118	92	87	91	98	95	97	99	97	97
19	116	110	112	93	92	93	100	97	99	107	99	102
20	118	113	117	93	90	92	101	98	99	104	101	102
21	119	104	114	90	87	89	102	98	100	101	97	99
22	105	102	103	88	80	85	104	101	103	101	95	99
23	107	101	106	81	80	80	109	102	104	106	99	102
24	108	90	102	88	80	83	111	105	109	114	102	107
25	112	89	107	86	84	85	107	106	107	116	108	111
26	126	103	120	85	81	83	107	106	106	113	100	109
27	126	123	125	84	82	83	106	104	105	110	97	105
28	124	117	122	84	80	82	106	102	104	114	100	106
29	---	---	---	85	74	80	107	106	106	108	104	106
30	---	---	---	75	73	74	106	103	104	110	106	107
31	---	---	---	77	74	76	---	---	---	112	110	111
MONTH	126	88	104	116	69	84	111	74	96	116	73	99
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	113	111	112	120	115	118	151	142	145	146	105	119
2	120	111	116	124	119	121	147	143	145	150	139	143
3	122	117	119	127	118	121	146	142	144	140	133	137
4	120	111	114	127	120	123	154	143	147	148	111	130
5	113	109	111	121	110	118	155	150	153	112	107	110
6	108	102	106	124	103	118	151	148	150	111	96	102
7	106	100	104	120	119	120	153	148	151	115	91	101
8	109	100	104	137	133	134	157	150	154	110	92	103
9	111	107	109	131	123	126	157	151	153	92	79	87
10	117	106	110	136	130	133	156	150	152	108	92	101
11	---	---	---	133	129	130	156	152	154	109	99	104
12	132	122	124	134	132	133	165	155	159	117	110	115
13	134	120	129	137	132	134	169	156	162	121	116	119
14	127	120	124	139	137	138	167	163	165	119	107	113
15	126	123	124	139	136	138	181	167	174	114	109	112
16	127	118	124	137	132	134	179	158	169	124	114	120
17	119	114	117	134	133	133	168	162	166	123	110	117
18	118	113	116	134	125	130	168	160	164	110	93	102
19	120	110	116	131	123	126	167	158	162	92	85	88
20	121	114	119	133	124	129	168	159	161	85	81	83
21	116	92	108	133	129	131	168	159	161	81	79	80
22	120	116	118	137	130	133	---	---	---	81	79	80
23	117	107	114	137	131	134	---	---	---	81	80	80
24	111	108	110	144	133	137	---	---	---	96	80	85
25	118	111	114	144	134	138	146	142	144	104	87	94
26	114	112	113	135	133	135	142	140	141	116	104	108
27	115	108	112	140	133	136	145	142	144	116	109	113
28	127	108	116	153	139	145	148	136	144	116	108	110
29	125	118	120	145	137	139	152	122	136	127	101	116
30	125	109	119	144	137	141	128	125	126	97	76	89
31	---	---	---	150	143	146	126	119	123	---	---	---
MONTH	134	92	115	153	103	132	181	119	152	150	76	105

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

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

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

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.5	26.0	29.0	27.5	28.0	30.0	29.0	29.5	27.0	27.0	27.0
2	27.0	25.5	26.0	29.5	28.0	28.5	30.5	29.0	30.0	27.5	26.5	27.0
3	28.0	26.5	27.0	29.0	28.0	28.5	30.5	29.5	30.0	27.5	26.5	27.0
4	27.5	26.0	26.5	28.0	27.5	28.0	30.5	29.5	30.0	27.0	26.0	26.5
5	25.5	25.0	25.5	28.5	27.5	28.0	31.0	30.0	30.5	25.5	24.5	25.0
6	26.0	25.0	25.5	28.0	27.5	28.0	31.0	30.0	30.5	24.5	24.0	24.5
7	26.5	25.5	26.0	29.5	28.0	28.5	30.0	29.5	30.0	25.5	24.0	25.0
8	27.5	25.5	26.5	30.0	29.0	29.5	30.0	29.0	29.5	27.0	25.5	26.0
9	27.5	26.5	27.0	30.5	29.0	30.0	30.5	29.5	30.0	27.0	25.5	26.5
10	28.0	26.5	27.0	30.0	29.5	29.5	31.5	30.0	31.0	27.0	26.5	27.0
11	---	---	---	30.5	29.5	30.0	31.0	30.5	30.5	27.0	26.5	27.0
12	27.0	25.5	26.0	30.0	29.0	29.5	30.5	29.5	30.0	27.0	26.5	27.0
13	26.5	26.0	26.5	30.0	28.5	29.0	29.5	29.0	29.0	27.0	26.5	26.5
14	26.5	26.0	26.0	30.0	28.5	29.5	29.0	28.0	28.5	26.5	26.0	26.5
15	27.0	26.0	26.5	30.5	29.5	30.0	28.5	28.0	28.0	26.5	26.0	26.5
16	27.0	26.0	26.5	30.0	29.0	29.5	28.5	27.5	28.0	27.0	26.5	26.5
17	27.0	26.5	27.0	30.0	29.0	29.5	29.0	28.0	28.5	26.5	26.5	26.5
18	27.5	26.5	27.0	29.5	28.5	29.0	30.5	28.5	29.5	26.5	26.0	26.5
19	27.5	26.5	27.0	29.5	28.0	29.0	30.5	29.5	30.0	26.5	25.5	26.0
20	28.0	27.0	27.5	30.0	28.5	29.0	30.5	29.0	30.0	26.0	25.5	25.5
21	28.0	26.5	27.0	30.0	28.5	29.5	---	---	---	26.0	25.5	25.5
22	27.5	27.0	27.5	30.5	29.5	30.0	---	---	---	26.0	25.0	25.5
23	28.0	27.0	27.5	31.0	29.5	30.5	---	---	---	25.5	24.5	25.0
24	28.5	26.5	27.5	30.5	29.5	30.0	---	---	---	24.5	23.5	24.0
25	28.0	27.5	28.0	30.5	30.0	30.0	29.5	29.0	29.0	24.0	23.0	23.5
26	28.0	27.0	27.5	30.5	29.5	30.0	29.5	28.5	29.0	24.0	23.5	24.0
27	27.5	26.5	27.0	30.5	30.0	30.0	30.0	29.0	29.5	24.5	24.0	24.0
28	28.0	27.0	27.5	30.5	29.5	30.0	30.5	29.5	30.0	24.5	24.0	24.5
29	28.5	27.0	27.5	29.5	29.0	29.5	30.5	29.5	30.0	25.0	24.0	24.5
30	28.5	27.0	28.0	30.0	29.0	29.5	29.5	29.0	29.0	25.0	24.5	24.5
31	---	---	---	29.5	29.0	29.5	29.0	27.5	28.0	---	---	---
MONTH	28.5	25.0	27.0	31.0	27.5	29.5	31.5	27.5	29.5	27.5	23.0	25.5
YEAR	31.5	5.5	19.5									

02148315 WATEREE RIVER BELOW EASTOVER, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.5	7.1	7.2	7.9	7.6	7.8	7.8	7.5	7.6	8.6	8.5	8.6
2	7.1	6.9	7.0	7.8	7.7	7.7	8.1	7.7	7.9	---	---	---
3	7.2	6.9	7.1	7.8	7.6	7.7	7.9	7.8	7.8	8.9	8.8	8.8
4	7.2	7.0	7.1	8.0	7.6	7.8	8.0	7.8	7.9	8.8	8.8	8.8
5	7.1	6.8	7.0	8.0	7.8	7.9	8.1	7.9	8.0	8.9	8.8	8.9
6	7.2	6.9	7.1	7.9	7.7	7.8	8.3	8.1	8.2	8.9	8.9	8.9
7	7.5	7.1	7.3	7.8	7.6	7.7	8.3	8.1	8.2	9.0	8.9	9.0
8	8.0	7.5	7.8	7.7	7.4	7.6	8.5	8.3	8.4	9.0	8.6	8.8
9	8.0	7.6	7.8	7.8	7.5	7.7	8.5	8.2	8.4	9.0	8.6	8.7
10	8.0	7.6	7.8	7.8	7.6	7.7	8.2	7.8	8.0	9.0	8.9	8.9
11	7.8	7.7	7.7	7.9	7.6	7.7	7.9	7.7	7.8	9.0	8.8	8.9
12	7.9	7.8	7.8	8.4	7.8	8.1	7.9	7.8	7.8	9.0	9.0	9.0
13	8.0	7.7	7.9	8.3	8.0	8.2	8.1	7.9	8.0	9.1	8.9	9.0
14	7.9	7.0	7.6	---	---	---	8.3	8.0	8.1	9.3	8.3	8.8
15	7.1	6.7	6.9	8.7	8.2	8.6	8.3	8.1	8.2	8.9	8.5	8.7
16	7.7	7.1	7.4	8.9	8.6	8.8	8.4	8.1	8.2	---	---	---
17	8.0	7.7	7.9	8.5	8.2	8.3	8.3	8.0	8.1	---	---	---
18	8.2	8.0	8.1	8.3	8.0	8.1	8.3	8.1	8.2	---	---	---
19	8.4	8.2	8.3	8.2	8.0	8.1	8.2	8.0	8.0	---	---	---
20	8.4	8.2	8.3	8.3	8.2	8.3	8.2	8.1	8.1	---	---	---
21	8.5	8.3	8.4	---	---	---	8.3	8.1	8.2	---	---	---
22	8.4	8.1	8.3	---	---	---	8.6	8.3	8.4	---	---	---
23	8.4	8.1	8.3	---	---	---	8.9	8.6	8.7	---	---	---
24	8.3	8.2	8.3	---	---	---	8.5	8.3	8.4	---	---	---
25	8.2	8.0	8.1	7.8	7.4	7.6	8.5	8.2	8.3	---	---	---
26	8.0	7.7	7.8	7.5	7.3	7.4	8.3	8.2	8.3	---	---	---
27	7.7	7.4	7.6	7.4	7.1	7.3	8.6	8.3	8.5	---	---	---
28	7.7	7.4	7.6	7.3	7.1	7.1	8.6	8.3	8.4	---	---	---
29	7.6	7.4	7.5	7.3	7.1	7.2	8.6	8.3	8.5	8.8	8.4	8.6
30	7.7	7.4	7.6	7.5	7.1	7.3	8.7	8.5	8.6	8.4	8.3	8.4
31	7.8	7.6	7.7	---	---	---	8.7	8.5	8.6	8.3	8.1	8.2
MONTH	8.5	6.7	7.7	8.9	7.1	7.8	8.9	7.5	8.2	9.3	8.1	8.8

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

02148315 WATEREE RIVER BELOW EASTOVER, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.2	5.8	6.0	5.8	5.5	5.6	6.2	5.6	5.9	6.8	6.2	6.5
2	6.1	5.9	6.0	5.6	5.4	5.6	6.0	5.7	5.9	6.9	6.5	6.7
3	6.0	5.8	5.9	5.7	5.3	5.6	5.8	5.5	5.7	6.9	6.5	6.7
4	6.1	5.8	6.0	5.5	5.3	5.4	6.5	5.6	5.9	6.6	6.4	6.5
5	5.9	5.5	5.7	6.2	5.5	5.9	6.2	5.6	5.8	7.0	6.5	6.8
6	5.9	5.5	5.7	6.1	5.8	6.0	6.0	5.8	5.9	7.1	6.8	7.0
7	6.0	5.6	5.8	7.1	6.1	6.6	5.9	5.6	5.8	7.1	6.4	6.8
8	6.3	5.7	6.0	6.8	6.5	6.7	6.0	5.7	5.8	6.4	6.2	6.4
9	6.1	5.9	6.0	6.5	5.7	6.2	6.0	5.5	5.8	6.2	5.3	5.6
10	6.2	6.0	6.1	6.2	5.4	5.8	6.3	5.5	5.8	6.0	5.5	5.7
11	---	---	---	5.9	5.2	5.6	6.2	5.7	5.9	6.0	5.8	5.9
12	5.9	5.7	5.9	5.8	5.2	5.4	6.2	5.7	5.9	6.0	5.7	5.8
13	5.8	5.6	5.6	5.9	5.2	5.5	6.6	6.0	6.2	5.9	5.5	5.7
14	5.8	5.6	5.7	5.4	4.9	5.2	6.5	6.1	6.3	5.6	5.2	5.4
15	5.6	5.5	5.5	6.2	4.8	5.6	6.4	6.1	6.2	5.5	5.3	5.3
16	5.7	5.5	5.6	6.2	5.7	5.9	6.6	6.1	6.3	5.6	5.2	5.4
17	5.8	5.7	5.7	6.4	5.7	6.0	6.3	6.1	6.2	5.2	4.7	5.0
18	5.8	5.6	5.7	6.5	6.1	6.2	6.7	6.2	6.4	4.8	4.6	4.7
19	5.7	5.6	5.7	6.2	5.8	6.1	6.4	6.1	6.2	4.8	4.4	4.7
20	5.8	5.6	5.7	6.0	5.7	5.9	6.2	6.0	6.1	4.9	4.3	4.6
21	5.6	5.3	5.5	6.2	5.9	6.1	---	---	---	5.0	4.9	4.9
22	5.4	5.3	5.3	6.3	5.9	6.1	---	---	---	5.4	5.0	5.2
23	5.6	5.4	5.5	6.1	5.6	5.9	---	---	---	5.7	5.4	5.6
24	5.8	5.5	5.6	6.5	5.8	6.1	---	---	---	6.4	5.8	6.1
25	5.7	5.4	5.5	5.9	5.4	5.7	6.8	6.5	6.6	6.7	6.4	6.6
26	5.5	5.2	5.3	5.8	5.4	5.6	6.9	6.3	6.6	6.7	6.5	6.6
27	5.4	5.0	5.2	6.4	5.6	6.0	7.1	6.2	6.6	6.8	6.5	6.7
28	5.6	5.0	5.3	6.4	5.7	6.0	6.6	6.1	6.4	6.8	6.7	6.7
29	5.8	5.4	5.5	5.8	5.3	5.6	6.2	5.5	5.9	6.7	6.5	6.6
30	5.8	5.5	5.7	6.2	5.3	5.8	6.5	6.0	6.2	6.8	6.5	6.6
31	---	---	---	5.9	5.5	5.7	6.4	6.0	6.2	---	---	---
MONTH	6.3	5.0	5.7	7.1	4.8	5.9	7.1	5.5	6.1	7.1	4.3	6.0
YEAR	9.3	4.3	7.2									

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 mile upstream from Cherokee Creek, 4.4 miles downstream from Gaston Shoals Dam, 4.5 miles east of Gaffney, and at mile 270.3.

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

PERIOD OF RECORD.--July 1896 to Dscember 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.--Records fair except for estimated daily discharges, Mar. 10-30, Apr. 7-13, May 6 to Jun. 5, Sept. 26-30, which are poor. Some regulation at medium and low flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff.

AVERAGE DISCHARGE.--34 years (1938-71)(1987), 2,484 ft^3/s, 22.64 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)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec. 25	0045	17,800	9.25	Mar. 1	1615	*65,800	*15.49

Minimum discharge, 393 ft^3/s, Oct. 7; gage height, 2.74 ft; minimum daily 601 ft^3/s, Oct. 7.

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	909	1380	2560	3610	3650	59100	7200	2780	2000	1520	1090	898
2	812	1500	5770	4180	3540	38400	5980	2730	1900	1310	1470	853
3	863	1430	6980	3560	4300	12500	5060	3080	2100	2240	1700	889
4	736	1360	5050	3030	4110	8520	5580	2930	2000	2370	1590	903
5	733	1350	4040	2800	3440	6910	6040	2650	2600	2220	1530	899
6	835	1360	3350	2500	3080	5720	4960	2500	2070	2200	1100	899
7	601	1410	2700	2250	2910	4880	4200	2400	1740	1980	1320	3030
8	805	3200	2400	2570	2780	4500	3800	2500	1620	2010	1000	5070
9	725	2920	2490	2190	2730	4420	3600	2400	1710	1770	1300	4040
10	868	2140	3060	2180	2670	4600	3500	2200	1750	2000	1640	2570
11	1180	1640	3320	2320	2380	4200	3400	2000	2040	1830	1390	3610
12	1170	2680	4820	2150	2020	3600	3200	2200	1740	1600	1090	3420
13	1060	2380	3790	2040	2160	3200	3000	3100	1800	1220	1260	2520
14	2110	2070	2920	2110	1950	2800	3460	3000	1640	1640	1100	2440
15	2220	1840	2530	1690	2160	3000	3840	2800	1540	1740	1340	2300
16	1290	1920	2450	1820	2310	2800	4900	2600	1630	1700	1300	2020
17	1180	1490	2690	2050	2720	2600	4650	2500	1820	1430	919	1520
18	1190	1670	2660	2330	2690	2800	4220	2100	1810	1310	863	1900
19	883	1790	2730	6880	2550	3100	3810	2200	2930	1080	940	1930
20	860	1840	2290	6700	2760	3300	3620	2000	3770	1490	923	1640
21	904	2160	2190	4350	2860	3100	3560	2300	2440	1130	893	1290
22	898	1960	1580	3740	2870	3000	3430	2400	2180	1210	843	1400
23	953	1680	1730	3650	3370	2800	3270	2200	2250	1480	793	1200
24	853	1580	7990	3100	3380	2700	3770	2000	2660	1100	801	962
25	1130	1610	12600	2960	3000	2700	4060	1900	2270	1060	646	1260
26	4120	2540	6150	4010	2840	2900	3350	1900	2310	1060	651	1370
27	4390	9560	5030	3670	5240	3200	2740	2000	3480	1140	804	740
28	2580	5600	3850	3120	23100	3700	2880	2700	2840	1070	853	1250
29	2240	4300	3220	2780	---	4300	3030	2600	1970	1080	881	1100
30	1680	2950	3120	2990	---	4200	3000	2100	2080	1210	988	1200
31	1690	---	3380	3860	---	6630	---	2200	---	1080	1060	---
TOTAL	42468	71310	119440	97190	103570	220180	121110	74970	64690	47280	34078	55123
MEAN	1370	2377	3853	3135	3699	7103	4037	2418	2156	1525	1099	1837
MAX	4390	9560	12600	6880	23100	59100	7200	3100	3770	2370	1700	5070
MIN	601	1350	1580	1690	1950	2600	2740	1900	1540	1060	646	740

CAL YR 1986 TOTAL 366799 MEAN 1781 MAX 12600 MIN 261
WTR YR 1987 TOTAL 1051410 MEAN 2881 MAX 59100 MIN 601

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.--7 years, 21.7 ft^3/s, 12.2 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 0.80 ft^3/s, Aug. 28, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,440 ft^3/s, Mar. 1, gage height, 11.83 ft; minimum daily 0.80 ft^3/s, Aug. 28.

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	2.9	4.4	9.0	131	34	686	42	15	9.2	5.2	2.7	1.5
2	2.8	4.7	26	74	41	87	29	16	13	8.2	3.9	1.4
3	2.7	4.7	28	30	42	44	28	15	9.1	6.5	3.0	1.2
4	2.5	4.3	15	22	28	31	36	17	13	6.4	2.6	1.1
5	2.4	4.4	10	19	22	26	27	14	18	6.5	2.4	3.0
6	2.1	4.6	8.3	17	20	23	24	14	9.3	8.6	2.3	4.8
7	1.9	4.4	7.4	15	21	22	22	13	8.1	6.4	14	13
8	1.8	4.1	7.3	15	19	26	21	13	7.8	5.7	5.9	8.8
9	2.4	4.3	8.1	14	17	35	20	12	7.6	5.2	3.4	5.7
10	3.5	3.7	20	14	16	28	19	12	7.5	4.4	3.0	5.9
11	3.3	3.8	50	13	15	24	18	12	7.5	4.9	2.9	22
12	3.1	14	40	13	15	26	18	12	7.7	4.2	2.7	11
13	5.6	13	19	12	15	25	17	12	7.5	4.2	2.3	10
14	44	7.3	13	12	14	24	17	13	7.6	4.2	2.0	5.9
15	8.3	11	10	12	15	23	148	12	7.6	4.2	2.0	4.5
16	4.3	11	9.1	12	18	23	79	12	8.2	3.7	2.3	3.9
17	3.4	8.5	8.2	13	17	21	46	11	7.5	3.9	2.6	3.6
18	3.0	7.3	7.9	39	19	21	28	11	7.8	3.7	2.4	3.2
19	2.9	6.4	7.1	246	25	46	24	11	7.8	3.5	2.1	3.2
20	2.6	40	6.6	66	24	30	21	11	7.5	3.1	1.9	3.6
21	2.6	35	6.3	34	22	24	20	11	7.2	2.8	1.6	3.3
22	2.6	12	5.9	43	21	22	19	10	6.9	2.8	1.3	3.1
23	2.5	7.9	6.1	41	34	21	18	10	6.5	2.5	1.1	3.1
24	2.5	6.1	286	30	25	21	28	9.9	6.3	2.3	.99	2.9
25	4.8	6.4	92	54	21	33	22	9.5	6.0	2.3	.88	2.7
26	32	27	31	85	20	33	19	9.2	6.7	2.2	.84	2.8
27	10	38	21	38	193	28	17	9.7	8.1	2.0	.82	3.1
28	5.9	15	16	28	766	44	17	9.4	6.3	2.0	.80	4.1
29	4.5	9.8	14	25	---	28	16	9.0	5.6	2.0	1.0	3.8
30	3.8	7.4	13	47	---	103	16	8.7	5.3	2.0	1.2	7.1
31	3.3	---	12	64	---	93	---	8.4	---	2.3	1.5	---
TOTAL	180.0	330.5	813.3	1278	1539	1721	876	362.8	244.2	127.9	78.43	153.3
MEAN	5.81	11.0	26.2	41.2	55.0	55.5	29.2	11.7	8.14	4.13	2.53	5.11
MAX	44	40	286	246	766	686	148	17	18	8.6	14	22
MIN	1.8	3.7	5.9	12	14	21	16	8.4	5.3	2.0	.80	1.1

CAL YR 1986 TOTAL 4222.47 MEAN 11.6 MAX 286 MIN 1.7
WTR YR 1987 TOTAL 7704.38 MEAN 21.1 MAX 766 MIN .80

02154500 NORTH PACOLET RIVER AT FINGERVILLE, SC

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

DRAINAGE AREA.--116 mi^2.

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

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

REMARKS.--Records good except for estimated daily discharges; Jul. 11-29, which are poor. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--58 years, 210 ft^3/s, 24.58 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, 28 ft^3/s, Oct. 6, 7, 1954.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 01	1415	*6,350	*18.76

Minimum discharge, 42 ft^3/s, Jun. 09, gage height 2.92 ft; minimum daily, 64 ft^3/s, Oct. 6-8, Aug. 25.

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	74	142	305	227	288	5130	406	187	147	114	135	68
2	74	158	541	268	320	2110	324	229	161	135	125	67
3	73	143	469	223	376	769	338	210	149	144	112	67
4	72	132	316	208	317	559	471	195	152	181	101	67
5	67	127	263	201	289	481	352	187	144	165	96	77
6	64	125	234	194	271	431	309	183	134	194	97	201
7	64	183	210	188	262	388	288	181	128	149	107	227
8	64	258	205	186	244	373	274	177	125	132	101	173
9	74	192	209	182	250	382	254	172	109	123	105	124
10	100	165	251	184	240	372	252	170	118	115	97	106
11	103	170	303	184	251	313	246	166	139	130	98	297
12	107	236	332	175	250	288	238	165	134	110	96	204
13	130	184	264	170	228	274	234	167	126	107	94	178
14	224	162	231	166	226	260	228	210	126	120	90	142
15	144	164	216	168	228	249	287	215	122	110	87	121
16	109	162	205	164	270	239	275	185	119	108	86	110
17	95	152	194	164	303	232	266	174	132	106	86	116
18	87	146	195	239	274	227	246	165	139	113	87	116
19	82	141	185	486	275	320	232	162	195	107	80	104
20	80	163	174	364	274	293	227	161	181	111	81	103
21	79	198	168	281	273	252	221	161	165	114	76	97
22	77	161	165	296	279	236	218	161	142	115	72	103
23	74	148	165	306	365	231	215	159	204	114	69	90
24	72	147	521	265	321	227	224	155	152	100	66	87
25	133	148	606	282	289	288	211	151	138	98	64	86
26	742	453	342	377	274	304	204	150	208	96	65	85
27	394	724	279	314	455	269	199	199	182	100	66	83
28	228	347	252	281	1500	278	196	174	141	88	66	83
29	183	256	231	267	---	256	190	160	126	104	67	86
30	162	223	219	274	---	350	188	159	119	101	71	103
31	146	---	208	312	---	565	---	150	---	272	68	---
TOTAL	4177	6110	8458	7596	9192	16946	7813	5440	4357	3876	2711	3571
MEAN	135	204	273	245	328	547	260	175	145	125	87.5	119
MAX	742	724	606	486	1500	5130	471	229	208	272	135	297
MIN	64	125	165	164	226	227	188	150	109	88	64	67

CAL YR 1986 TOTAL 50619 MEAN 139 MAX 1810 MIN 35
WTR YR 1987 TOTAL 80247 MEAN 220 MAX 5130 MIN 64

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, 817.13 ft, Mar. 1; minimum, 813.20 ft, Sept. 27.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814.43	815.21	815.38	815.12	815.17	816.37	815.44	815.36	815.29	815.29	815.19	813.62
2	814.42	815.21	815.45	815.12	815.24	815.76	815.42	815.39	815.20	815.31	815.17	813.55
3	814.41	815.19	815.36	815.10	815.24	815.58	815.48	815.37	815.28	815.36	815.13	813.48
4	814.40	815.18	815.26	815.05	815.21	815.49	815.42	815.36	815.30	815.38	815.09	813.40
5	814.38	815.14	815.20	815.01	815.18	815.46	815.40	815.34	815.28	815.40	815.04	813.43
6	814.34	815.11	815.15	814.96	815.15	815.44	815.39	815.33	815.27	815.39	815.01	813.52
7	814.31	815.29	815.09	814.89	815.12	815.42	815.39	815.32	815.26	815.34	814.98	813.58
8	814.28	815.28	815.04	814.83	815.08	815.44	815.38	815.32	815.25	815.32	814.96	813.57
9	814.30	815.23	815.04	814.77	815.00	815.43	815.37	815.31	815.25	815.30	814.94	813.55
10	814.31	815.16	815.04	814.72	814.96	815.41	815.37	815.31	815.27	815.28	814.94	813.55
11	814.34	815.15	815.17	814.66	814.90	815.40	815.36	815.31	815.29	815.28	814.89	813.79
12	814.35	815.13	815.22	814.57	814.85	815.39	815.36	815.31	815.28	815.26	814.85	813.86
13	814.56	815.06	815.18	814.49	814.79	815.38	815.36	815.35	815.27	815.26	814.80	813.87
14	814.68	814.98	815.13	814.41	814.74	815.37	815.37	815.34	815.27	815.25	814.75	813.86
15	814.71	814.95	815.09	814.35	814.67	815.37	815.44	815.33	815.27	815.25	814.69	813.83
16	814.72	814.88	815.05	814.28	814.74	815.37	815.41	815.32	815.27	815.25	814.65	813.80
17	814.72	814.81	814.99	814.20	814.72	815.37	815.38	815.31	815.34	815.24	814.60	813.77
18	814.71	814.74	814.95	814.40	814.69	815.39	815.37	815.30	815.36	815.24	814.54	813.73
19	814.71	814.63	814.86	814.81	814.66	815.41	815.36	815.31	815.55	815.24	814.49	813.70
20	814.71	814.64	814.78	814.92	814.63	815.39	815.36	815.31	815.46	815.23	814.43	813.66
21	814.70	814.65	814.71	814.95	814.60	815.37	815.36	815.31	815.38	815.21	814.37	813.61
22	814.70	814.67	814.62	815.11	814.62	815.37	815.35	815.31	815.33	815.19	814.30	813.56
23	814.69	814.69	814.60	815.10	814.62	815.36	815.36	815.30	815.31	815.18	814.23	813.50
24	814.69	814.71	815.11	815.07	814.60	815.37	815.34	815.29	815.30	815.15	814.15	813.45
25	815.14	814.80	815.28	815.17	814.57	815.44	815.33	815.29	815.32	815.13	814.09	813.40
26	815.45	815.26	815.25	815.23	814.57	815.41	815.34	815.31	815.38	815.12	814.03	813.35
27	815.35	815.39	815.21	815.22	814.88	815.41	815.33	815.31	815.33	815.07	813.96	813.30
28	815.27	815.33	815.17	815.19	816.58	815.40	815.33	815.30	815.30	815.03	813.88	813.25
29	815.24	815.27	815.13	815.16	---	815.39	815.31	815.31	815.29	815.00	813.82	813.22
30	815.21	815.30	815.08	815.20	---	815.52	815.31	815.31	815.28	815.22	813.74	813.22
31	815.20	---	815.03	815.16	---	815.48	---	815.29	---	815.26	813.68	---
MAX	815.45	815.39	815.45	815.23	816.58	816.37	815.48	815.39	815.55	815.40	815.19	813.87
MIN	814.28	814.63	814.60	814.20	814.57	815.36	815.31	815.29	815.20	815.00	813.68	813.22
[+]	7.40	7.45	7.32	7.38	8.09	7.54	7.46	7.45	7.44	7.43	6.66	6.45
[*]	18	2.6	-6.5	3.0	39	-27	-4.1	-0.5	-0.5	-0.5	-38	-11

CAL YR 1986 * 66 MAX 815.45 MIN 809.56
WTR YR 1987 * -25 MAX 816.58 MIN 813.22

[+] 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.--Estimated daily discharges: Feb. 13 to Mar 12. Records good, except for periods of estimated record 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 45.7 ft^3/s per day diverted from South Pacolet River above station for City of Spartanburg water supply during water year.

AVERAGE DISCHARGE.--58 years, 348 ft^3/s, 22.29 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 Jun. 1903 reached a stage of 46 ft, from floodmark (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,250 ft^3/s, Mar. 1, gage height, 11.71 ft, from floodmark; minimum daily, 74 ft^3/s, Oct. 8.

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	88	182	534	402	427	8200	743	246	180	133	157	97
2	87	204	1080	474	482	3200	651	304	188	153	145	92
3	84	192	970	351	622	1300	666	322	194	180	132	101
4	84	191	674	333	546	880	822	348	173	312	116	76
5	81	185	538	334	401	740	655	338	163	375	109	85
6	77	175	444	337	388	640	568	328	165	322	110	205
7	76	338	409	362	390	560	476	283	164	258	120	261
8	74	530	382	376	367	490	414	261	167	261	115	212
9	80	305	323	326	388	500	405	249	162	146	118	171
10	112	308	361	319	407	480	408	239	164	153	113	159
11	113	300	465	316	379	450	399	226	178	195	113	409
12	125	417	590	307	372	420	392	225	164	127	140	272
13	157	338	514	310	350	395	361	223	145	123	137	237
14	286	309	404	308	350	389	333	280	151	154	136	194
15	174	312	336	307	350	393	442	293	157	123	142	150
16	128	306	351	304	410	393	493	281	137	123	140	144
17	110	287	362	305	455	387	488	266	153	120	137	142
18	101	287	433	449	420	479	400	258	159	132	97	155
19	95	282	301	802	420	582	377	249	409	122	91	110
20	93	304	286	622	420	452	340	230	497	134	92	108
21	91	347	297	482	420	434	335	230	418	139	101	103
22	89	236	306	433	430	420	332	209	270	141	104	109
23	87	164	366	483	570	343	320	188	232	139	89	94
24	85	164	885	414	500	336	342	187	196	117	79	92
25	142	192	1060	394	445	433	329	170	205	109	110	97
26	1020	746	593	513	420	544	320	170	305	109	133	125
27	639	1150	464	467	740	515	315	230	302	131	117	120
28	433	689	399	501	2500	473	288	223	241	97	88	127
29	334	472	376	444	---	399	272	196	199	129	111	133
30	225	377	361	405	---	503	244	204	178	118	105	179
31	185	---	311	447	---	835	---	172	---	315	80	---
TOTAL	5555	10289	15175	12627	14369	26565	12930	7633	6416	5190	3577	4559
MEAN	179	343	490	407	513	857	431	246	214	167	115	152
MAX	1020	1150	1080	802	2500	8200	822	348	497	375	157	409
MIN	74	164	286	304	350	336	244	170	137	97	79	76

CAL YR 1986 TOTAL 70823 MEAN 194 MAX 2010 MIN 39
WTR YR 1987 TOTAL 124885 MEAN 342 MAX 8200 MIN 74

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 good except for estimated daily discharges; Dec.12-22, which are fair.

AVERAGE DISCHARGE.--8 years, 9.13 ft^3/s, 19.19 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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 169 ft^3/s, Mar. 1, gage height, 6.98 ft; minimum, 1.73 ft^3/s, Aug. 30, and Sept. 2-4, gage height, 1.39 ft.

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	2.5	5.7	18	20	13	88	14	7.7	5.4	4.9	3.6	1.9
2	2.4	5.7	26	14	19	24	12	8.1	5.1	6.1	5.1	1.8
3	2.4	4.9	14	11	15	17	19	7.1	4.7	5.3	4.0	1.8
4	2.4	4.8	10	9.7	13	13	16	9.7	5.4	12	3.3	1.8
5	2.3	4.7	9.0	9.3	12	11	12	9.1	4.3	9.8	3.2	3.4
6	2.2	4.6	8.2	9.0	15	9.9	11	7.5	4.2	12	3.1	6.4
7	2.3	44	7.8	8.7	14	9.3	11	6.9	4.0	6.7	3.7	4.4
8	2.2	16	7.8	8.5	14	11	10	6.6	3.9	6.4	3.7	3.7
9	3.0	9.3	9.7	8.4	14	11	10	6.3	3.8	5.6	3.4	3.3
10	3.1	7.6	11	8.1	14	9.1	9.7	6.3	9.0	4.8	3.1	4.0
11	4.2	9.9	23	8.0	14	8.7	9.5	6.0	7.6	4.7	3.1	22
12	3.5	8.9	14	7.7	14	10	9.4	5.8	5.0	4.6	3.1	12
13	9.5	7.4	12	7.7	13	9.8	9.1	5.8	4.6	4.0	2.9	8.7
14	12	6.5	11	7.7	13	9.5	8.9	6.3	4.6	3.9	2.9	6.1
15	4.5	11	9.8	7.8	13	9.4	13	6.2	4.3	3.7	2.8	5.2
16	4.0	7.7	9.2	7.7	15	9.1	9.5	5.7	4.4	3.8	2.8	5.1
17	3.8	7.0	8.8	7.8	15	9.1	9.2	5.4	12	3.5	2.6	4.8
18	3.7	6.6	8.4	24	13	9.2	8.8	5.2	15	3.4	2.4	4.5
19	3.6	6.3	8.2	36	12	14	8.7	7.5	68	3.3	2.3	4.3
20	3.6	11	7.8	16	12	9.7	8.5	5.9	33	3.3	2.4	4.2
21	3.4	7.5	7.4	12	11	9.2	8.0	5.2	15	3.1	2.3	4.0
22	3.3	6.6	6.9	15	12	9.0	7.6	5.2	11	3.0	2.2	3.7
23	3.2	6.3	8.3	15	13	8.7	7.5	5.2	9.2	2.9	2.1	3.6
24	3.2	6.2	37	13	10	8.4	9.5	5.0	8.1	2.8	2.0	3.4
25	25	11	16	20	10	18	8.4	4.7	7.9	2.8	2.0	3.3
26	33	30	11	23	11	11	8.0	4.9	9.1	3.4	2.1	3.1
27	9.4	14	9.5	15	37	11	7.3	5.9	7.5	2.9	1.9	2.9
28	6.6	9.8	8.9	13	98	11	7.0	4.7	6.6	2.8	1.9	2.9
29	5.8	8.2	8.4	12	---	9.2	6.7	9.7	6.0	2.6	1.9	2.8
30	5.2	8.4	8.2	16	---	20	6.4	9.6	5.6	4.4	1.8	8.2
31	5.3	---	7.7	14	---	29	---	6.1	---	9.4	1.9	---
TOTAL	180.6	297.6	363.0	405.1	479	446.3	295.7	201.3	294.3	151.9	85.6	147.3
MEAN	5.83	9.92	11.7	13.1	17.1	14.4	9.86	6.49	9.81	4.90	2.76	4.91
MAX	33	44	37	36	98	88	19	9.7	68	12	5.1	22
MIN	2.2	4.6	6.9	7.7	10	8.4	6.4	4.7	3.8	2.6	1.8	1.8

CAL YR 1986 TOTAL 2166.7 MEAN 5.94 MAX 44 MIN .98
WTR YR 1987 TOTAL 3347.7 MEAN 9.17 MAX 98 MIN 1.8

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 days affected by backwater from the Broad River; Dec. 24-26 and Feb. 28 to Mar. 4, which are poor.

AVERAGE DISCHARGE.--7 years, 11.0 ft^3/s, 12.51 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 579 ft^3/s, Feb. 28 (based on correlation with nearby stations); maximum, gage height, 11.02 ft, Mar.2 (affected by backwater); minimum, 0.24 ft^3/s, Aug. 29-31, gage height 0.38 ft; minimum, daily discharge, 0.27 ft^3/s, Aug. 30.

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	1.1	2.0	6.1	74	11	220	35	8.2	3.0	1.7	1.0	3.5
2	1.0	2.7	27	42	16	100	24	6.7	2.9	1.4	1.0	.81
3	.98	1.9	22	18	16	50	22	6.1	2.9	1.8	1.1	.78
4	.89	1.8	12	13	13	18	21	5.9	3.7	4.5	1.0	.75
5	.83	2.2	8.0	9.8	11	9.2	18	5.6	4.2	2.6	.95	3.1
6	.68	2.3	5.8	8.3	10	5.2	16	5.3	3.1	2.3	1.0	2.4
7	.69	2.6	4.9	7.7	16	4.6	15	5.1	2.6	2.1	1.5	67
8	.80	3.3	4.6	6.8	14	9.2	14	4.7	2.3	2.1	1.2	21
9	2.1	2.5	5.6	6.6	11	13	13	4.1	2.3	2.2	1.1	3.2
10	3.2	2.5	10	7.4	9.7	10	12	3.9	2.1	2.1	1.0	.80
11	2.5	2.9	16	6.3	9.3	6.8	11	3.6	4.6	2.2	1.0	18
12	1.9	7.8	19	5.8	9.0	5.9	11	3.8	3.4	2.1	1.1	23
13	1.9	3.8	15	5.5	8.1	4.7	11	5.0	3.2	1.8	.89	40
14	4.6	2.3	10	5.4	8.2	3.7	11	4.9	3.2	1.6	.85	10
15	1.8	4.2	8.8	5.8	9.9	3.2	15	4.0	11	1.8	.92	5.0
16	1.3	3.7	7.4	5.6	16	2.8	13	4.0	11	1.8	1.0	3.1
17	1.2	3.2	6.7	6.4	17	2.1	14	4.0	4.8	1.7	.88	2.8
18	1.0	2.7	6.5	51	22	1.9	11	3.8	4.2	1.6	.74	2.4
19	1.0	2.3	5.7	144	23	7.0	11	3.7	61	1.4	.74	1.8
20	.94	12	5.0	45	17	4.3	9.9	3.9	12	1.5	.74	1.6
21	1.0	9.5	4.7	24	14	3.2	9.1	3.8	6.3	1.5	.72	1.4
22	1.1	4.5	4.2	130	14	2.4	8.5	3.5	3.8	1.4	.72	1.3
23	1.1	3.5	5.1	66	17	2.1	8.0	3.5	2.9	1.5	.69	1.4
24	.86	3.1	45	33	13	1.8	19	3.3	2.3	1.7	.78	1.3
25	1.8	22	30	47	12	5.3	13	3.2	2.6	1.3	.78	1.0
26	5.0	29	15	59	12	6.3	11	3.2	2.8	1.3	.76	.87
27	2.0	19	11	30	89	6.1	9.5	3.9	2.9	1.3	.55	1.0
28	1.5	9.7	8.7	21	345	11	8.8	3.7	2.0	1.2	.33	1.1
29	1.4	6.7	7.4	17	---	7.2	7.7	3.4	2.1	1.1	.28	.81
30	1.4	4.9	6.4	15	---	61	7.6	3.2	1.5	1.1	.27	.98
31	1.6	---	5.4	13	---	98	---	3.2	---	1.1	1.4	---
TOTAL	49.17	180.6	349.0	929.4	783.2	686.0	410.1	134.2	176.7	54.8	26.99	222.20
MEAN	1.59	6.02	11.3	30.0	28.0	22.1	13.7	4.33	5.89	1.77	.87	7.41
MAX	5.0	29	45	144	345	220	35	8.2	61	4.5	1.5	67
MIN	.68	1.8	4.2	5.4	8.1	1.8	7.6	3.2	1.5	1.1	.27	.75

CAL YR 1986 TOTAL 1953.35 MEAN 5.35 MAX 55 MIN .68
WTR YR 1987 TOTAL 4002.32 MEAN 11.0 MAX 345 MIN .27

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. Datum of gage is 290.79 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--49 years, 4,015 ft^3/s, 19.54 in/yr.

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

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 2	1300	*72,100	*25.77				

Minimum discharge, 84 ft^3/s, Sept. 27, gage height, 1.35 ft; minimum daily, 447 ft^3/s, Aug. 23.

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	1080	2380	4320	5800	5580	51900	10300	3410	2550	2140	1360	1290
2	1500	2170	4720	9960	5270	70400	7990	3220	2400	1780	1540	708
3	1050	2170	9440	6890	5860	48100	6470	3560	2630	1660	1760	952
4	1250	1800	8530	5350	6230	13100	6150	3620	2460	2570	1620	1570
5	1150	2280	6420	4640	5620	8820	7570	3530	3420	2850	1690	919
6	1030	1700	5240	4080	4930	7480	6400	3470	2700	2550	859	1370
7	1140	1960	4540	3630	4570	6440	5390	3120	2310	2480	1480	4790
8	930	2650	3740	3540	4310	5940	5050	3180	1890	2380	1870	8480
9	1550	4060	3510	3790	3940	5960	4830	3110	2050	2190	1420	5260
10	1480	3750	3850	3440	3910	6020	4750	3010	1990	1940	1760	3600
11	1260	2740	4440	3270	3640	5650	4710	2700	2270	1970	1660	3110
12	1630	3000	6030	3360	3490	5400	4580	2500	2410	2010	1440	6230
13	1720	3450	6690	3110	3230	4880	3880	2800	2180	1800	1490	5850
14	2580	3590	5150	3090	3290	4330	3920	3820	2160	1330	1300	3750
15	3650	3290	4330	3030	3300	4450	4080	3620	2100	1780	980	2840
16	2380	3230	3630	2700	3450	4410	5270	3330	2470	1870	1400	2160
17	1550	3180	3630	2750	3710	3970	5610	3350	2270	1680	1300	2150
18	1790	2180	3710	3660	4260	4270	5340	2720	2320	1750	1170	2110
19	1570	2690	3610	9680	4480	4530	4850	2780	4100	1540	1240	1670
20	1390	3220	3700	13900	4440	5120	4500	2610	4250	1270	1160	1700
21	1480	3550	3230	9040	4360	5160	4070	2930	4150	1620	1150	1820
22	1340	3620	3050	7770	4270	4700	4020	3010	2940	1430	1460	1320
23	1200	3300	2520	8380	4340	4010	3850	2830	2560	1310	447	1780
24	1650	2590	6030	6450	4760	3990	4160	2630	2630	1640	1400	1250
25	1540	2880	20000	5670	4810	4280	4990	2400	2880	1050	1080	1440
26	2850	3340	13900	8180	4230	4750	4720	2350	2520	1470	749	1930
27	6130	7220	7790	7690	5590	5500	3740	2460	2940	1460	512	834
28	5330	10400	6350	6030	22300	6400	3250	3360	3430	1300	1050	1550
29	3490	6770	5110	5180	---	6380	3490	3330	2760	1170	865	1310
30	2690	5420	4510	4790	---	5830	3450	2660	2270	1140	516	1520
31	2180	---	4280	4930	---	9410	---	2820	---	1530	1650	---
TOTAL	61560	104580	176000	173780	142170	331580	151380	94240	80010	54660	39378	75263
MEAN	1986	3486	5677	5606	5077	10700	5046	3040	2667	1763	1270	2509
MAX	6130	10400	20000	13900	22300	70400	10300	3820	4250	2850	1870	8480
MIN	930	1700	2520	2700	3230	3970	3250	2350	1890	1050	447	708

CAL YR 1986 TOTAL 944838 MEAN 2603 MAX 30100 MIN 318
WTR YR 1987 TOTAL 1484600 MEAN 4067 MAX 70400 MIN 447

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.
SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1973. 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, Jun. 25, 1986; minimum, 5.5 units, Sept. 19, 1977.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 5, 1981, and Jul. 21, 1986; minimum, 0.5°C, Jan. 19, 1977.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 10, 1980; minimum, 3.5 mg/L, Aug. 1, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27; minimum, 30 microsiemens, Mar. 3.
pH: Maximum, 8.9 units, Aug. 27; minimum, 5.8 units, Sept. 3.
WATER TEMPERATURE: Maximum, 32.5°Cm Aug. 23, 29; minimum, 3.5°C, Jan. 27-29.
DISSOLVED OXYGEN: Maximum 14.1 mg/L, Dec. 25; minimum 4.1 mg/L, Aug. 29, Sept. 3, 25.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	206	132	139	92	87	89	80	77	78	69	64	66
2	134	121	126	96	93	94	79	76	77	---	---	---
3	141	123	127	104	95	98	76	71	73	69	67	68
4	141	130	138	106	102	104	73	70	72	69	68	68
5	129	121	124	102	97	100	76	73	75	68	67	67
6	143	129	133	105	97	101	79	75	77	68	66	67
7	135	132	134	99	95	96	82	78	80	67	64	65
8	151	134	140	103	97	100	82	80	81	71	65	68
9	153	144	148	111	91	104	76	75	77	---	---	---
10	145	129	138	90	81	84	79	76	77	---	---	---
11	147	138	144	83	78	80	80	78	79	---	---	---
12	142	129	135	83	78	81	80	79	80	---	---	---
13	150	139	148	94	82	88	81	76	79	80	74	76
14	137	110	127	90	83	86	76	75	76	78	73	75
15	109	95	101	88	84	86	78	75	76	81	75	78
16	106	85	95	91	88	89	100	78	80	82	77	78
17	89	85	86	94	90	92	80	79	80	89	83	86
18	93	89	91	96	91	94	82	80	81	88	71	80
19	112	94	101	96	91	93	82	80	81	72	59	65
20	119	108	114	102	89	95	81	80	81	59	49	54
21	115	108	111	89	86	87	82	79	80	56	50	54
22	112	108	110	91	86	89	82	79	81	61	49	53
23	118	112	114	90	89	90	231	80	188	59	54	57
24	119	116	118	94	90	92	238	88	155	62	60	61
25	124	117	120	94	85	89	80	63	69	65	61	63
26	124	117	121	88	84	86	63	62	63	61	57	59
27	121	78	100	89	73	85	65	63	64	62	59	60
28	77	74	76	70	60	64	67	65	66	64	61	62
29	80	71	74	73	69	71	67	66	67	68	64	66
30	82	78	80	79	74	76	67	66	66	74	68	70
31	86	80	84	---	---	---	68	66	66	74	70	72
MONTH	206	71	116	111	60	89	238	62	81	89	49	67

02156500 BROAD RIVER NEAR CARLISLE, 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	74	69	72	41	32	37	43	37	40	79	75	76
2	71	68	69	35	31	33	54	42	47	80	77	78
3	69	65	67	36	30	33	60	54	57	84	80	82
4	65	62	64	42	36	38	64	59	62	84	75	78
5	65	62	64	138	41	71	65	59	62	75	72	73
6	69	64	66	170	125	142	59	56	57	76	72	73
7	73	69	71	163	134	149	59	52	57	78	75	76
8	75	72	73	194	143	162	62	56	60	84	77	81
9	75	71	73	206	112	165	65	61	62	84	81	83
10	73	70	71	158	109	144	69	64	66	89	81	86
11	73	66	69	167	55	131	67	65	66	86	82	84
12	74	69	71	169	111	142	68	66	67	86	82	84
13	88	72	77	179	59	154	71	66	68	89	82	84
14	87	79	81	174	113	149	71	67	69	87	76	82
15	83	80	82	181	64	133	70	68	69	88	78	81
16	84	81	83	82	60	62	70	68	69	89	79	83
17	80	76	78	66	58	62	69	65	67	84	77	80
18	76	73	75	64	58	60	68	66	67	81	79	80
19	73	70	72	147	57	103	68	65	67	83	80	82
20	77	72	74	149	101	132	67	64	66	85	80	82
21	78	75	76	155	96	132	66	64	65	84	80	82
22	79	76	77	146	60	107	67	65	66	85	81	83
23	79	72	75	61	59	60	71	65	68	89	82	85
24	74	73	73	64	59	60	76	70	72	89	86	88
25	72	67	68	60	57	59	76	72	74	92	88	90
26	73	69	72	67	59	63	74	71	73	94	89	91
27	74	59	68	66	60	64	72	69	71	89	83	86
28	58	40	48	61	57	59	74	72	72	83	79	82
29	---	---	---	63	59	61	76	73	75	77	74	75
30	---	---	---	64	56	60	76	73	74	84	76	78
31	---	---	---	58	45	51	---	---	---	89	84	86
MONTH	88	40	72	206	30	93	76	37	65	94	72	82

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	86	82	84	80	77	79	135	126	132	192	134	152
2	88	84	85	85	78	81	141	118	126	419	177	313
3	90	85	88	91	79	82	165	122	130	414	126	255
4	98	82	89	94	86	90	140	127	133	160	121	142
5	90	85	88	92	76	81	129	117	121	231	119	146
6	91	83	87	79	75	77	134	113	120	165	124	140
7	101	93	96	75	70	73	118	108	114	132	127	128
8	104	94	98	76	71	73	122	109	117	---	---	---
9	100	94	96	77	72	74	---	---	---	---	---	---
10	100	94	96	81	75	76	---	---	---	---	---	---
11	99	85	95	90	82	84	---	---	---	---	---	---
12	94	84	89	91	85	87	---	---	---	---	---	---
13	97	86	91	94	89	92	169	41	66	---	---	---
14	101	88	96	101	94	99	143	51	84	---	---	---
15	101	97	99	100	91	96	238	64	123	87	82	85
16	110	95	100	101	92	98	136	64	88	88	83	86
17	132	112	120	104	93	98	125	77	96	91	83	87
18	129	109	121	108	91	99	135	82	102	91	86	89
19	108	72	87	105	96	100	158	80	115	109	91	101
20	86	77	82	105	103	104	157	97	128	115	104	110
21	83	74	79	117	103	108	132	90	107	107	105	106
22	80	73	75	128	110	119	141	93	109	113	107	110
23	88	81	83	117	97	105	181	100	131	119	109	112
24	87	82	84	110	105	108	170	106	138	128	112	119
25	90	84	87	121	110	112	151	123	136	127	115	121
26	87	83	85	120	103	110	373	126	199	142	116	125
27	92	88	89	119	110	115	471	165	317	202	137	157
28	92	80	88	129	120	124	422	117	226	145	124	135
29	78	74	75	206	124	150	175	103	126	143	129	136
30	78	75	76	138	120	125	170	116	137	139	127	133
31	---	---	---	147	114	124	211	135	163	---	---	---
MONTH	132	72	90	206	70	98	471	41	133	419	82	134
YEAR	471	30	93									

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30.0	25.0	26.5	15.0	14.5	15.0	11.5	10.0	11.0	6.5	6.0	6.0
2	27.5	25.5	26.5	16.0	15.0	15.5	10.0	9.5	10.0	---	---	---
3	30.0	25.0	27.0	16.5	15.0	15.5	10.0	9.0	9.5	6.0	6.0	6.0
4	28.0	26.0	27.0	16.0	15.0	15.5	10.0	9.0	9.5	6.0	5.5	5.5
5	28.5	26.0	27.0	16.0	15.0	15.5	9.0	8.5	9.0	5.5	5.5	5.5
6	28.0	25.0	26.0	17.0	15.5	16.5	8.0	7.0	7.5	5.5	5.0	5.5
7	25.0	23.5	24.5	17.5	16.5	17.0	7.0	6.0	6.5	5.5	5.0	5.0
8	24.0	23.0	23.5	17.5	17.0	17.0	7.0	6.0	6.5	6.0	5.5	5.5
9	23.0	22.0	22.5	17.5	16.5	17.0	8.5	7.0	7.5	6.0	5.5	6.0
10	22.0	20.5	21.5	17.5	16.5	17.0	10.5	8.5	9.5	6.5	6.0	6.5
11	20.5	19.0	19.5	16.5	15.5	16.0	11.0	10.5	10.5	7.0	6.5	6.5
12	19.0	18.5	19.0	16.0	14.5	15.0	11.0	10.0	10.5	6.5	6.5	6.5
13	19.0	18.5	18.5	14.5	12.5	14.0	10.0	8.5	9.5	6.5	5.5	6.0
14	20.0	19.0	19.5	12.5	11.0	11.5	8.5	7.0	7.5	6.0	5.0	5.5
15	20.0	19.0	19.5	10.5	9.5	10.0	7.0	6.5	6.5	7.5	6.0	6.5
16	19.0	18.0	18.5	10.0	9.5	9.5	7.0	6.0	6.5	8.0	7.5	8.0
17	19.0	17.0	18.0	10.5	10.0	10.0	7.5	6.5	7.0	8.5	8.0	8.0
18	18.0	16.5	17.5	11.5	10.5	11.0	8.5	7.5	8.0	8.0	7.0	7.5
19	17.5	15.5	16.5	12.0	11.0	11.5	8.0	7.5	8.0	7.0	7.0	7.0
20	17.0	14.0	16.0	12.0	11.0	11.5	8.0	7.5	7.5	7.0	7.0	7.0
21	16.5	14.0	15.5	11.0	10.0	10.5	8.0	7.0	7.5	7.0	6.5	7.0
22	16.5	14.0	15.5	10.0	9.5	9.5	7.0	6.0	6.5	7.0	6.0	6.5
23	17.0	14.5	16.0	9.5	9.0	9.5	6.0	5.0	5.5	6.0	5.0	5.5
24	17.0	15.5	16.5	10.5	9.5	10.0	6.5	5.0	6.0	5.0	4.5	5.0
25	17.0	16.5	17.0	11.5	10.5	11.0	8.0	6.5	7.0	5.0	4.5	4.5
26	17.5	17.0	17.0	13.0	12.0	12.5	8.5	8.0	8.0	4.5	4.0	4.5
27	17.0	16.0	16.5	13.0	12.0	13.0	8.5	8.5	8.5	4.0	3.5	4.0
28	16.5	15.5	16.0	12.0	12.0	12.0	8.5	7.5	7.5	4.0	3.5	4.0
29	15.5	15.0	15.0	12.0	11.0	11.5	7.0	6.5	7.0	4.5	3.5	4.0
30	15.5	14.5	15.0	12.0	11.5	11.5	6.5	6.0	6.5	6.5	4.5	5.5
31	15.5	14.5	15.0	---	---	---	6.5	6.0	6.5	7.0	5.5	6.5
MONTH	30.0	14.0	19.5	17.5	9.0	13.0	11.5	5.0	8.0	8.5	3.5	6.0

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

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	25.0	26.0	27.0	26.0	26.5	30.5	29.0	29.5	28.0	26.5	27.5
2	26.5	25.0	26.0	27.5	27.0	27.0	30.0	29.0	29.5	28.5	25.0	27.0
3	27.0	25.0	26.0	27.5	26.5	27.0	30.0	29.0	29.5	29.5	25.0	27.0
4	26.5	25.5	25.5	28.0	27.0	27.5	30.5	29.5	29.5	26.0	25.0	25.5
5	25.5	24.5	25.0	28.0	27.0	27.5	30.5	29.5	30.0	25.0	22.5	23.5
6	25.0	23.5	24.5	28.5	27.5	28.0	31.0	29.5	30.0	24.0	23.5	23.5
7	25.0	23.5	24.5	28.5	28.0	28.5	30.5	29.0	30.0	23.0	22.5	23.0
8	26.0	24.0	25.0	29.0	28.5	29.0	30.5	29.0	29.5	23.5	22.5	23.0
9	26.0	24.5	25.5	29.5	29.0	29.5	---	---	---	24.5	23.0	23.5
10	26.0	24.5	25.5	30.0	29.0	30.0	---	---	---	25.0	23.5	24.5
11	25.5	24.0	24.5	30.5	29.5	30.0	---	---	---	25.0	23.5	24.5
12	24.5	23.5	24.0	30.5	29.5	30.0	---	---	---	25.0	23.5	24.0
13	24.5	23.5	24.0	30.5	29.5	30.0	29.5	27.5	28.5	24.0	23.5	23.5
14	24.5	23.5	24.0	30.5	29.5	30.0	29.0	26.5	27.5	25.0	23.5	24.5
15	24.5	24.0	24.5	30.0	29.0	29.5	27.5	26.5	27.0	25.0	24.0	24.5
16	24.5	23.5	24.0	29.0	29.0	29.0	27.5	26.0	26.5	25.5	24.5	25.0
17	25.0	24.0	24.5	29.0	28.0	28.5	28.5	26.0	27.0	26.0	24.5	25.5
18	26.0	24.5	25.5	28.5	27.5	28.0	28.5	26.0	27.5	26.5	24.5	25.5
19	---	---	---	29.0	27.5	28.5	28.5	27.0	27.5	26.0	25.0	25.5
20	---	---	---	30.0	27.5	28.5	29.0	27.5	28.5	26.0	25.0	25.5
21	---	---	---	29.5	28.0	28.5	29.5	27.0	28.5	25.5	23.5	24.5
22	---	---	---	30.0	28.5	29.0	29.0	27.5	28.5	25.0	22.0	24.0
23	28.0	26.5	27.0	30.0	28.5	29.5	32.5	27.0	29.5	24.5	22.0	23.0
24	29.0	27.5	28.0	30.0	28.5	29.0	29.0	28.0	28.5	23.5	21.5	22.5
25	28.5	26.5	27.5	30.5	29.0	29.5	28.5	27.0	28.0	22.5	20.5	22.0
26	27.0	26.0	26.5	30.5	29.0	30.0	30.5	27.5	29.0	23.0	20.5	21.5
27	27.0	26.0	26.5	31.0	29.0	30.0	32.0	27.5	29.5	24.0	21.0	22.5
28	26.5	25.0	26.0	30.5	29.0	30.0	32.0	27.5	29.0	23.0	20.5	22.0
29	26.0	24.5	25.5	30.5	29.0	29.5	32.5	27.0	29.5	23.5	21.0	22.0
30	26.5	25.0	26.0	30.0	28.5	29.5	28.5	26.0	28.0	23.5	21.5	22.5
31	---	---	---	30.0	28.5	29.5	28.5	27.0	27.5	---	---	---
MONTH	29.0	23.5	25.5	31.0	26.0	29.0	32.5	26.0	28.5	29.5	20.5	24.0
YEAR	32.5	3.5	17.5									

02156500 BROAD RIVER NEAR CARLISLE, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.2	7.0	8.4	10.5	10.3	10.4	11.3	11.2	11.2	12.9	12.7	12.7
2	8.6	7.1	7.9	10.4	10.0	10.2	11.9	11.3	11.5	---	---	---
3	9.7	6.9	8.0	10.6	9.9	10.1	12.6	12.0	12.5	13.1	13.0	13.0
4	8.9	7.3	7.9	10.4	9.7	10.0	12.6	12.3	12.4	13.1	12.9	13.0
5	9.0	7.3	7.9	10.1	9.4	9.8	12.5	12.3	12.4	13.0	12.8	12.9
6	9.7	7.1	8.1	10.3	9.8	10.0	12.7	12.5	12.6	13.0	12.8	12.9
7	8.7	7.3	8.1	10.0	9.7	9.8	12.9	12.6	12.8	12.9	12.6	12.8
8	10.3	7.4	8.4	10.0	9.5	9.7	12.9	12.6	12.8	12.7	12.5	12.6
9	8.2	7.2	7.8	9.6	9.4	9.5	---	---	---	12.7	12.3	12.5
10	8.7	8.0	8.4	9.6	9.4	9.6	12.3	11.5	12.0	12.3	11.9	12.1
11	9.3	8.3	8.8	9.8	9.5	9.7	11.6	11.5	11.5	11.9	11.8	11.8
12	9.6	8.9	9.3	10.2	9.8	10.0	12.1	11.6	11.8	11.9	11.7	11.8
13	9.6	9.1	9.3	10.7	10.2	10.4	12.5	12.1	12.4	12.1	11.6	11.9
14	9.6	9.3	9.4	11.4	10.8	11.1	12.9	12.6	12.8	11.8	11.6	11.8
15	9.4	8.9	9.2	12.0	11.4	11.8	13.1	12.9	13.0	11.6	11.1	11.4
16	9.8	9.1	9.5	12.2	12.0	12.1	13.6	12.7	13.1	11.0	10.4	10.7
17	10.4	9.7	10.1	12.0	11.7	11.9	12.9	12.5	12.8	10.4	10.1	10.2
18	10.6	10.0	10.3	11.6	11.0	11.3	12.5	12.2	12.4	10.4	10.1	10.2
19	10.9	10.3	10.6	11.3	11.0	11.1	12.3	12.2	12.2	11.6	9.8	10.5
20	11.2	10.2	10.7	11.2	11.0	11.1	12.4	12.2	12.3	11.6	11.1	11.5
21	11.4	9.6	10.6	11.4	11.2	11.3	12.6	12.3	12.5	11.5	11.0	11.2
22	11.6	10.6	11.1	11.6	11.4	11.5	12.8	12.5	12.7	11.2	10.9	11.1
23	11.9	10.5	11.1	11.9	11.6	11.8	12.9	12.6	12.8	11.6	11.3	11.5
24	11.6	10.3	10.8	11.9	11.6	11.8	13.8	11.8	12.8	11.8	11.6	11.7
25	10.7	10.2	10.4	11.6	11.1	11.4	14.1	13.8	13.9	11.6	11.0	11.4
26	10.2	9.7	10.0	11.1	10.6	10.8	13.8	12.3	12.9	11.5	11.0	11.3
27	10.3	9.6	10.0	11.8	10.5	10.9	12.3	12.2	12.2	11.6	11.4	11.5
28	10.4	10.0	10.2	12.0	11.5	11.8	12.5	12.2	12.4	11.5	11.1	11.4
29	10.3	10.0	10.2	11.5	11.2	11.3	12.5	12.4	12.5	11.3	11.0	11.2
30	10.6	10.3	10.4	11.2	11.1	11.2	12.6	12.5	12.5	11.0	10.4	10.8
31	10.7	10.3	10.5	---	---	---	12.7	12.6	12.7	10.4	10.2	10.3
MONTH	11.9	6.9	9.5	12.2	9.4	10.8	14.1	11.2	12.5	13.1	9.8	11.7

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

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.6	8.0	8.3	7.2	6.7	7.0	8.0	5.4	6.2	5.1	4.5	4.7
2	8.2	7.8	8.0	7.2	6.7	6.9	7.1	5.4	6.0	6.8	4.2	5.1
3	8.2	7.7	7.9	7.4	6.6	7.0	6.5	5.5	6.0	6.5	4.1	5.2
4	8.0	7.6	7.7	7.7	6.5	7.2	6.6	5.5	5.9	5.4	4.7	5.1
5	7.8	7.4	7.6	7.3	6.6	6.9	6.5	5.5	5.9	5.9	5.1	5.5
6	7.6	7.3	7.4	7.6	6.6	7.0	7.4	5.4	6.3	5.9	5.4	5.6
7	7.5	7.3	7.4	7.3	6.6	6.9	7.1	5.5	6.1	6.2	5.7	5.9
8	7.5	7.2	7.3	7.7	6.5	7.1	6.4	5.5	6.1	---	---	---
9	9.2	7.2	7.9	7.5	6.4	6.8	---	---	---	---	---	---
10	10.1	8.7	9.4	7.7	6.2	6.8	---	---	---	7.9	7.5	7.7
11	8.5	7.7	8.0	7.7	6.2	6.8	---	---	---	8.2	7.5	7.8
12	---	---	---	7.6	6.2	6.7	---	---	---	7.6	7.0	7.4
13	7.8	7.4	7.6	8.3	6.3	7.1	7.5	6.3	6.8	7.8	7.3	7.5
14	7.8	7.4	7.6	8.2	5.9	7.0	---	---	---	7.8	6.9	7.3
15	---	---	---	7.8	6.3	6.9	---	---	---	10.5	6.7	8.2
16	7.6	7.3	7.5	7.6	6.4	6.9	---	---	---	6.8	5.7	6.3
17	---	---	---	7.6	6.6	7.0	---	---	---	6.6	5.4	6.2
18	8.0	7.5	7.7	8.4	6.7	7.3	---	---	---	6.4	6.0	6.2
19	7.7	7.0	7.3	8.8	6.6	7.5	---	---	---	6.3	5.4	6.0
20	7.4	7.0	7.2	9.5	6.2	7.6	---	---	---	6.6	6.0	6.4
21	7.4	7.0	7.3	8.4	6.2	7.0	---	---	---	7.1	6.3	6.7
22	7.6	7.3	7.4	8.1	6.0	7.0	---	---	---	7.4	6.8	7.1
23	7.9	6.7	7.2	8.7	5.8	7.1	---	---	---	7.3	6.8	7.1
24	7.4	6.4	6.8	8.2	5.9	6.6	7.4	6.4	6.8	7.4	4.6	6.5
25	6.6	6.3	6.5	8.6	5.6	6.8	7.0	5.7	6.3	6.6	4.1	5.5
26	6.9	6.5	6.7	8.6	5.5	6.7	6.9	5.3	6.0	7.3	6.6	6.9
27	6.9	6.6	6.8	8.6	5.5	6.8	6.8	4.6	5.6	8.4	6.7	7.6
28	7.0	6.7	6.8	8.1	5.5	6.5	6.7	4.3	5.6	8.3	7.1	7.7
29	7.4	6.9	7.1	7.9	5.1	6.3	6.5	4.1	5.3	8.9	6.5	7.6
30	7.5	6.9	7.2	8.0	5.6	6.4	7.7	4.2	5.7	7.4	6.4	6.7
31	---	---	---	8.2	5.6	6.3	5.1	4.5	4.8	---	---	---
MONTH	10.1	6.3	7.5	9.5	5.1	6.9	8.0	4.1	6.0	10.5	4.1	6.6
YEAR	14.1	4.1	9.3									

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 current year.

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

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

AVERAGE DISCHARGE.--37 years, 64.7 ft^3/s, 19.79 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 observed, 5.4 ft^3/s, Jul. 31, 1986, but may have been less during period of plugged intake Aug. 1-2, 1986, minimum daily, 5.4 ft^3/s Aug. 1-2, 1986.

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)
Mar. 1	0600	*1770	*9.09				

Minimum discharge, 6.9 ft^3/s, Aug. 31.

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	15	38	67	103	83	1530	109	48	31	26	25	10
2	14	36	91	98	102	479	93	48	28	29	26	9.4
3	13	33	83	75	105	202	97	46	27	29	22	8.8
4	13	31	65	67	86	141	103	48	34	45	19	8.7
5	12	31	57	62	78	114	86	50	29	33	19	13
6	12	30	52	58	73	100	79	46	24	39	20	26
7	11	102	48	57	73	91	74	44	22	32	23	25
8	12	79	47	54	68	92	71	42	21	28	20	24
9	13	60	49	53	63	93	68	40	20	25	19	21
10	16	50	56	53	60	84	66	39	20	24	19	19
11	18	51	81	51	58	76	64	38	24	23	22	74
12	18	58	82	49	58	73	62	38	24	21	18	49
13	34	48	68	49	56	70	60	39	23	20	17	44
14	66	43	60	47	56	67	59	42	24	18	15	34
15	38	51	56	49	57	66	78	41	24	18	15	29
16	31	46	53	49	67	64	71	38	25	17	14	27
17	28	44	51	50	70	62	66	36	25	16	13	26
18	26	41	50	85	71	62	62	34	47	15	13	24
19	24	38	48	209	70	80	59	34	176	15	12	23
20	23	50	46	118	66	69	57	36	156	14	12	23
21	21	46	44	91	64	64	55	36	85	14	11	22
22	20	40	44	94	64	61	54	36	61	13	9.9	20
23	19	39	46	95	76	59	57	34	49	14	9.5	20
24	19	38	156	81	67	58	117	33	43	15	8.9	19
25	45	47	112	94	63	85	63	31	40	13	8.9	19
26	155	118	83	138	64	79	57	30	43	15	10	18
27	70	84	71	103	168	92	54	43	40	14	9.1	18
28	51	65	64	88	673	94	52	34	33	15	8.3	17
29	42	57	60	82	---	77	49	32	30	13	7.9	19
30	38	52	57	87	---	113	48	38	28	17	7.6	25
31	36	---	53	98	---	198	---	33	---	36	7.7	---
TOTAL	953	1546	2000	2487	2659	4595	2090	1207	1256	666	461.8	714.9
MEAN	30.7	51.5	64.5	80.2	95.0	148	69.7	38.9	41.9	21.5	14.9	23.8
MAX	155	118	156	209	673	1530	117	50	176	45	26	74
MIN	11	30	44	47	56	58	48	30	20	13	7.6	8.7

CAL YR 1986 TOTAL 11472.4 MEAN 31.4 MAX 156 MIN 5.4
WTR YR 1987 TOTAL 20635.7 MEAN 56.5 MAX 1530 MIN 7.6

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 since October, 1984. 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.--14 years, 1,084 ft^3/s, 19.40 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, 120 ft^3/s, Oct. 9, 10, 1981.

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)
Mar. 2	0600	*16,300	*20.25

Minimum discharge, 146 ft^3/s, Aug. 30, gage height, 3.17 ft; minimum daily 149 ft^3/s, Aug. 30.

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	212	528	1160	1730	1510	13100	2530	688	432	451	283	171
2	212	519	1850	2870	1420	15700	2000	658	425	409	297	166
3	210	532	2170	2110	1640	12000	1610	642	472	452	271	161
4	207	512	1780	1530	1640	7320	1560	654	444	569	287	159
5	211	486	1390	1260	1420	2910	1620	692	471	699	244	180
6	211	504	1160	1130	1360	1980	1400	676	459	728	219	220
7	186	506	1030	1070	1360	1720	1250	637	387	633	439	534
8	186	490	901	1010	1350	1580	1190	599	353	582	765	1190
9	191	714	900	914	1230	1570	1110	568	323	527	469	778
10	220	694	991	886	1110	1520	1040	559	306	470	394	478
11	252	619	1160	900	1050	1360	989	565	351	411	341	459
12	260	714	1720	878	1080	1240	929	529	451	378	307	753
13	269	982	1670	843	1020	1160	863	528	418	337	286	1340
14	443	956	1330	828	951	1090	832	557	406	330	238	1050
15	860	826	1160	820	1050	1040	852	563	375	311	219	687
16	764	824	1100	791	1150	960	901	625	573	285	216	502
17	546	812	988	806	1330	875	974	587	481	289	244	441
18	392	791	891	1340	1370	848	917	514	461	255	209	396
19	322	741	840	3360	1520	979	861	507	704	241	223	362
20	297	834	839	4120	1430	1170	816	522	1360	236	219	343
21	280	1370	851	3160	1290	1050	727	499	1700	266	193	300
22	275	1140	748	2890	1230	974	766	483	1290	260	181	278
23	269	913	724	2770	1240	918	780	499	861	255	173	255
24	262	774	1770	2090	1250	854	1240	482	697	260	186	267
25	264	1110	4450	1950	1200	897	1920	470	570	252	171	239
26	580	1950	3070	2670	1130	1180	1310	457	520	221	163	225
27	1550	2490	2100	2640	1770	1230	971	435	577	209	158	231
28	1290	2050	1550	2130	5670	1500	864	451	586	201	175	251
29	880	1620	1270	1750	---	1770	793	476	516	205	163	221
30	681	1280	1190	1600	---	1990	730	447	488	232	149	244
31	593	---	1110	1560	---	2520	---	432	---	241	169	---
TOTAL	13375	28281	43863	54408	40771	85005	34345	17001	17457	11185	8051	12881
MEAN	431	943	1415	1755	1456	2742	1145	548	582	361	260	429
MAX	1550	2490	4450	4120	5670	15700	2530	692	1700	728	765	1340
MIN	186	486	724	791	951	848	727	432	306	201	149	159

CAL YR 1986 TOTAL 223231 MEAN 612 MAX 4450 MIN 141
WTR YR 1987 TOTAL 366631 MEAN 1004 MAX 15700 MIN 149

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 since October 1973.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 243 microsiemens, Jul. 17, 1986; minimum, 13 microsiemens, Oct. 9, 10, 1976.
pH: Maximum, 7.9 units, Dec. 21, 1979, Feb. 8-9, 1980; minimum 5.7 units, Nov. 1, 1985.
WATER TEMPERATURE: Maximum, 32.0°C, Jul. 21, 1981, Aug. 23, 1983; minimum, 0.2°C Jan. 18, 19, 1977, Mar. 11, 1984, Jan. 29, 1986.
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, 212 microsiemens, Oct. 5; minimum, 35 microsiemens, Dec. 3.
pH: Maximum 7.7 units, Jul. 27-29; minimum, 6.1 units, Nov. 26, 27.
WATER TEMPERATURE: Maximum, 30.0°C, Aug. 3, 5; minimum, 3.5°C, Jan. 24.
DISSOLVED OXYGEN: Maximum, 10.8 mg/L, Jan. 24, Feb. 17; minimum 6.0 mg/L, several days in Aug.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	189	185	186	127	121	123	83	79	83	---	---	---
2	185	171	178	138	128	134	79	62	68	---	---	---
3	170	161	166	142	138	140	62	35	42	---	---	---
4	194	170	183	138	135	136	39	37	38	---	---	---
5	212	194	203	135	116	128	41	39	40	---	---	---
6	200	194	197	128	114	120	43	41	42	---	---	---
7	202	198	200	134	128	131	46	43	45	---	---	---
8	204	197	200	139	133	137	48	46	47	97	93	94
9	202	168	186	157	127	142	49	43	47	101	96	98
10	169	159	164	126	110	117	44	42	43	103	99	101
11	188	170	180	110	99	106	47	44	45	105	100	103
12	203	188	195	99	94	96	44	40	42	106	102	103
13	189	183	185	108	99	103	41	38	41	106	93	102
14	181	120	159	98	97	98	43	41	42	94	91	92
15	119	97	108	---	---	---	43	42	43	100	94	98
16	108	96	102	---	---	---	44	42	43	107	98	102
17	116	108	113	---	---	---	42	39	41	112	107	109
18	129	117	122	103	98	101	46	41	44	112	51	85
19	130	129	130	98	96	97	49	44	47	53	46	49
20	152	146	148	105	95	102	53	49	51	53	50	51
21	152	145	150	95	89	92	53	52	53	60	53	58
22	146	143	144	101	93	97	54	53	54	60	48	53
23	142	135	137	109	101	105	55	53	54	60	52	56
24	152	135	145	111	109	110	55	53	54	65	60	63
25	153	148	150	111	69	93	---	---	---	---	---	---
26	148	132	143	69	63	66	---	---	---	---	---	---
27	136	81	100	64	62	63	---	---	---	---	---	---
28	82	80	81	---	---	---	---	---	---	---	---	---
29	85	81	82	---	---	---	---	---	---	---	---	---
30	103	86	95	---	---	---	---	---	---	74	73	73
31	121	103	112	---	---	---	---	---	---	78	74	76
MONTH	212	80	150	157	62	110	83	35	48	112	46	82

02160105 TYGER RIVER NEAR DELTA, 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	82	78	80	49	42	46	---	---	---	94	92	93
2	81	71	77	43	41	42	---	---	---	98	95	97
3	71	65	68	44	43	43	---	---	---	100	98	99
4	76	65	71	45	42	43	---	---	---	97	86	92
5	80	76	79	53	46	50	---	---	---	90	86	89
6	80	79	79	59	53	57	---	---	---	90	84	86
7	80	78	78	64	59	62	64	62	63	103	90	98
8	80	78	80	64	63	64	70	62	66	105	99	103
9	77	77	77	64	62	63	77	71	74	100	97	98
10	79	76	78	63	62	62	79	77	78	102	98	100
11	81	76	77	68	62	66	81	80	80	101	94	98
12	88	82	86	71	69	69	83	81	82	95	91	93
13	88	85	86	74	71	73	84	82	83	100	94	97
14	93	88	91	77	74	76	82	74	79	105	95	101
15	92	90	90	79	77	78	82	73	75	109	100	102
16	90	74	81	78	74	76	87	83	86	111	105	108
17	75	71	73	76	70	74	89	84	87	108	106	107
18	75	70	72	76	70	71	86	84	85	109	104	107
19	76	70	72	80	77	78	85	84	85	103	93	99
20	76	71	74	79	78	78	84	77	81	92	89	90
21	79	76	78	84	79	81	77	76	76	104	91	100
22	83	79	82	83	79	80	79	76	77	114	104	110
23	83	78	81	79	72	76	81	76	78	114	109	110
24	78	73	75	73	72	73	84	68	78	111	109	110
25	79	72	74	76	71	72	78	65	70	112	108	111
26	81	79	80	83	77	81	78	71	75	107	96	102
27	80	49	66	84	78	82	80	78	79	96	93	95
28	49	42	46	78	72	74	---	---	---	107	93	100
29	---	---	---	74	68	71	---	---	---	118	108	114
30	---	---	---	70	68	70	93	91	92	113	109	111
31	---	---	---	---	---	---	---	---	---	114	109	112
MONTH	93	42	77	84	41	68	93	62	79	118	84	101
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	114	104	110	90	88	89	158	140	149	189	184	186
2	104	99	100	109	88	100	155	142	151	200	183	190
3	100	95	98	107	103	105	151	145	147	200	195	197
4	105	85	97	105	94	101	145	137	140	195	191	193
5	116	99	110	103	88	97	136	124	130	192	176	181
6	118	112	115	87	78	81	123	121	122	179	169	175
7	127	117	120	79	75	77	127	122	126	171	122	144
8	129	123	125	77	72	76	---	---	---	97	88	91
9	129	126	127	77	72	75	---	---	---	---	---	---
10	126	121	124	80	73	77	---	---	---	---	---	---
11	126	110	116	87	78	83	138	122	128	---	---	---
12	127	118	123	94	87	91	142	134	140	---	---	---
13	124	117	120	93	90	92	133	127	130	---	---	---
14	136	125	133	---	---	---	139	128	133	90	88	89
15	133	130	131	---	---	---	151	140	147	94	90	92
16	123	89	103	103	95	97	159	151	156	95	92	93
17	103	95	100	117	104	112	167	160	163	114	95	104
18	115	96	108	123	117	120	166	158	163	123	114	120
19	113	98	106	130	123	128	164	147	156	133	123	128
20	114	105	112	136	126	132	146	136	140	147	134	142
21	---	---	---	143	133	138	154	135	144	156	147	151
22	---	---	---	138	125	134	173	154	164	156	148	151
23	76	72	73	124	119	121	186	172	180	161	150	157
24	82	76	79	137	122	132	189	178	185	149	136	141
25	94	82	88	138	133	136	184	176	179	160	139	151
26	112	95	105	149	133	142	201	185	194	168	159	165
27	108	103	106	155	145	151	199	180	195	175	165	169
28	112	103	108	158	154	156	180	175	178	178	156	165
29	109	95	104	153	141	147	191	180	186	177	157	169
30	96	90	94	140	122	132	208	190	201	178	174	176
31	---	---	---	156	123	143	207	188	200	---	---	---
MONTH	136	72	108	158	72	113	208	121	158	200	88	149
YEAR	212	35	105									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

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

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

02160105 TYGER RIVER NEAR DELTA, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	24.0	25.0	26.5	24.0	25.0	29.5	26.0	27.5	26.5	23.5	25.0
2	27.0	24.0	25.5	27.0	25.0	26.0	29.0	26.0	27.5	26.0	23.0	24.5
3	27.0	24.5	26.0	26.5	24.5	25.5	30.0	26.5	28.5	27.0	23.0	25.0
4	26.0	23.5	25.0	26.0	24.5	25.5	29.5	27.0	28.0	24.5	22.5	23.5
5	25.5	22.5	24.0	27.5	25.0	26.0	30.0	26.5	28.5	22.5	21.0	21.5
6	25.0	22.0	23.5	27.5	25.0	26.5	29.5	26.5	28.0	22.5	21.0	22.0
7	25.0	21.5	23.5	28.0	26.0	27.0	---	---	---	23.0	22.0	22.5
8	25.5	22.0	24.0	28.0	26.5	27.0	---	---	---	23.5	23.0	23.0
9	26.5	22.5	24.5	29.0	26.0	27.5	---	---	---	---	---	---
10	26.0	23.0	24.5	29.5	26.5	28.0	---	---	---	---	---	---
11	24.5	23.0	23.5	29.5	27.0	28.0	27.5	26.0	27.0	---	---	---
12	25.0	22.0	23.5	29.5	27.0	28.0	28.0	25.5	26.5	---	---	---
13	24.0	23.0	23.5	29.5	26.0	28.0	27.5	25.0	26.0	---	---	---
14	24.5	22.5	23.5	---	---	---	27.0	24.0	25.5	24.5	23.5	24.0
15	25.5	23.5	24.5	---	---	---	25.5	24.0	25.0	24.5	22.5	23.5
16	24.5	23.5	24.0	28.0	25.5	26.5	26.0	23.5	24.5	25.0	23.0	24.0
17	25.5	23.0	24.5	26.0	24.0	25.0	27.5	23.5	25.5	25.5	23.5	24.5
18	26.0	23.5	24.5	27.0	23.5	25.5	29.0	24.5	26.5	26.0	23.5	25.0
19	24.5	23.5	24.0	28.0	23.5	25.5	27.5	25.5	26.5	24.5	23.5	24.0
20	24.5	23.5	24.0	28.5	24.0	26.0	28.5	25.0	27.0	24.5	23.0	23.5
21	25.0	23.0	24.0	28.5	24.5	26.5	28.5	24.5	26.5	24.0	21.5	22.5
22	26.0	24.0	25.0	28.0	25.0	26.5	29.0	24.5	26.5	22.5	20.0	21.0
23	27.0	25.0	26.0	28.0	25.0	26.5	29.5	25.0	27.5	21.5	18.5	20.0
24	27.5	25.0	26.0	28.5	25.0	26.5	27.0	25.0	26.0	21.0	18.0	19.5
25	26.0	24.5	25.0	29.0	26.0	27.5	27.5	23.5	25.5	21.0	17.5	19.0
26	26.0	24.0	24.5	29.5	25.0	27.0	29.5	24.5	27.0	21.5	17.5	19.5
27	26.0	24.0	25.0	29.5	26.0	28.0	29.5	26.0	27.5	20.5	18.0	19.0
28	25.5	23.0	24.0	28.0	25.5	27.0	29.5	26.0	27.5	22.0	19.0	20.5
29	25.5	22.0	24.0	29.0	25.0	27.0	29.0	25.5	27.5	22.5	19.0	20.5
30	25.5	22.5	24.0	27.5	25.5	26.5	28.5	25.0	26.5	23.0	20.5	21.5
31	---	---	---	29.5	25.5	27.5	26.0	24.5	25.5	---	---	---
MONTH	27.5	21.5	24.5	29.5	23.5	26.5	30.0	23.5	26.5	27.0	17.5	22.5
YEAR	30.0	3.5	17.5									

02160105 TYGER RIVER NEAR DELTA, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.6	6.2	6.4	8.1	7.9	8.0	---	---	---	---	---	---
2	6.7	6.2	6.4	8.0	7.6	7.9	---	---	---	---	---	---
3	6.8	6.3	6.5	7.7	7.5	7.6	---	---	---	---	---	---
4	7.2	6.3	6.8	7.7	7.6	7.7	10.2	10.0	10.1	---	---	---
5	7.1	6.5	6.8	7.7	7.6	7.7	10.1	10.0	10.0	---	---	---
6	7.4	6.5	7.0	7.7	7.3	7.6	10.3	10.1	10.2	---	---	---
7	7.9	7.2	7.5	7.4	7.3	7.3	10.5	10.3	10.4	---	---	---
8	7.9	7.3	7.6	7.5	7.3	7.4	10.4	10.1	10.3	10.3	10.2	10.3
9	7.5	7.3	7.4	7.3	6.9	7.1	10.1	9.6	9.9	10.3	10.1	10.2
10	7.4	7.2	7.3	7.3	6.8	7.1	9.6	9.1	9.4	10.1	9.8	9.9
11	7.7	7.4	7.6	7.8	7.3	7.6	9.1	9.0	9.1	9.9	9.8	9.8
12	7.7	7.5	7.6	8.0	7.8	7.9	9.3	9.1	9.2	10.2	9.9	10.1
13	7.6	7.3	7.4	8.2	7.9	8.0	9.8	9.3	9.5	10.3	10.1	10.2
14	7.3	6.8	7.0	---	---	---	10.2	9.8	10.1	10.3	10.0	10.2
15	7.3	6.9	7.2	---	---	---	10.2	10.1	10.2	10.0	9.5	9.8
16	7.8	7.4	7.7	---	---	---	10.1	9.9	10.1	9.5	9.3	9.4
17	8.1	7.7	7.9	---	---	---	9.9	9.7	9.9	9.4	9.3	9.3
18	8.3	8.0	8.1	8.4	8.3	8.4	9.7	9.4	9.5	9.7	9.4	9.6
19	8.3	8.1	8.3	8.6	8.3	8.5	9.7	9.4	9.6	10.1	9.2	9.6
20	8.8	8.5	8.6	9.0	8.6	8.8	9.9	9.7	9.8	9.4	9.1	9.2
21	8.7	8.5	8.6	9.2	8.9	9.1	10.0	9.8	9.9	9.2	8.8	9.0
22	8.8	8.4	8.6	9.6	9.1	9.4	10.3	10.0	10.2	10.1	9.1	9.7
23	8.8	8.2	8.5	9.7	9.5	9.6	10.4	10.3	10.3	10.7	9.8	10.3
24	8.3	7.8	8.2	9.8	9.3	9.6	10.3	9.8	10.0	10.8	9.9	10.3
25	7.8	7.5	7.7	9.8	9.2	9.4	---	---	---	---	---	---
26	7.5	7.3	7.4	9.2	9.1	9.2	---	---	---	---	---	---
27	7.4	7.2	7.3	9.2	9.0	9.0	---	---	---	---	---	---
28	7.9	7.3	7.7	---	---	---	---	---	---	---	---	---
29	8.3	7.9	8.2	---	---	---	---	---	---	---	---	---
30	8.4	8.0	8.3	---	---	---	---	---	---	10.1	9.9	10.0
31	8.3	8.0	8.2	---	---	---	---	---	---	9.9	9.9	9.9
MONTH	8.8	6.2	7.6	9.8	6.8	8.3	10.5	9.0	9.9	10.8	8.8	9.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.1	9.9	10.0	8.9	8.6	8.7	---	---	---	7.9	7.6	7.8
2	10.2	10.1	10.1	8.8	8.5	8.6	---	---	---	7.7	7.5	7.6
3	10.1	9.8	10.0	8.5	8.0	8.2	---	---	---	7.7	7.5	7.6
4	9.9	9.8	9.9	8.7	8.1	8.4	---	---	---	7.8	7.6	7.7
5	10.0	9.9	9.9	9.2	8.7	9.0	---	---	---	8.1	7.7	8.0
6	10.0	9.9	10.0	9.6	9.2	9.5	---	---	---	8.4	8.1	8.3
7	9.9	9.7	9.8	9.5	9.1	9.4	10.4	10.0	10.3	8.2	7.8	8.0
8	9.8	9.8	9.8	9.2	9.1	9.2	10.0	9.8	9.9	7.9	7.7	7.8
9	10.2	10.2	10.2	9.2	9.1	9.1	9.6	9.4	9.6	8.0	7.7	8.0
10	10.6	10.2	10.5	9.3	8.9	9.1	9.4	9.2	9.3	8.1	7.5	7.8
11	10.7	10.3	10.5	9.7	9.3	9.5	9.2	9.0	9.1	8.0	7.5	7.8
12	10.3	9.8	10.1	9.7	9.6	9.7	9.0	8.7	8.9	8.0	7.5	7.8
13	9.9	9.8	9.8	10.5	9.6	9.8	8.7	8.5	8.6	7.9	7.5	7.7
14	9.9	9.8	9.8	10.5	10.2	10.3	8.7	8.3	8.5	7.8	7.6	7.7
15	9.9	9.8	9.9	---	---	---	8.7	8.3	8.6	7.7	7.4	7.6
16	10.5	9.8	10.1	10.1	10.0	10.1	8.4	8.2	8.3	7.5	7.2	7.4
17	10.8	10.5	10.7	10.2	10.0	10.1	8.7	8.2	8.5	7.4	7.1	7.2
18	10.7	10.6	10.7	10.5	10.2	10.3	8.8	8.5	8.6	7.3	7.0	7.2
19	10.6	10.5	10.6	10.4	10.4	10.4	8.6	8.4	8.5	7.4	7.0	7.2
20	10.6	10.5	10.6	10.4	10.2	10.4	8.4	8.2	8.3	7.9	7.3	7.6
21	10.5	10.2	10.3	10.1	9.8	10.0	8.4	8.0	8.2	7.9	7.4	7.7
22	10.2	10.1	10.1	9.9	9.7	9.8	8.2	7.9	8.1	7.8	7.4	7.6
23	10.2	10.1	10.2	10.0	9.7	9.9	8.1	7.8	8.0	7.7	7.5	7.6
24	10.5	10.2	10.3	10.0	9.8	9.9	7.8	7.4	7.6	7.8	7.1	7.5
25	10.5	10.3	10.4	9.8	9.7	9.7	7.7	6.8	7.5	7.3	7.1	7.2
26	10.3	10.2	10.3	9.7	9.5	9.6	8.3	7.3	8.0	---	---	---
27	10.6	10.3	10.4	9.5	9.3	9.4	8.2	8.2	8.2	---	---	---
28	10.6	8.4	9.8	9.4	9.2	9.3	---	---	---	---	---	---
29	---	---	---	9.2	9.0	9.1	---	---	---	7.3	6.9	7.1
30	---	---	---	9.1	9.0	9.0	8.3	7.8	8.1	7.1	6.8	7.0
31	---	---	---	---	---	---	---	---	---	7.1	6.8	7.0
MONTH	10.8	8.4	10.2	10.5	8.0	9.5	10.4	6.8	8.6	8.4	6.8	7.6

02160105 TYGER RIVER NEAR DELTA, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.1	6.8	6.9	7.4	7.1	7.3	6.9	6.3	6.6	7.2	6.6	6.9
2	7.2	6.9	7.0	7.2	7.0	7.1	6.7	6.3	6.4	7.3	6.7	7.0
3	7.1	6.8	7.0	7.3	7.0	7.1	6.6	6.2	6.4	7.4	6.8	7.0
4	7.3	6.9	7.1	7.1	6.9	7.0	6.5	6.2	6.3	7.5	6.9	7.2
5	7.3	7.1	7.2	7.0	6.8	6.9	6.6	6.1	6.3	7.6	7.3	7.4
6	7.4	7.1	7.3	7.1	6.9	7.0	6.7	6.1	6.4	7.4	7.2	7.3
7	7.5	7.2	7.3	7.1	6.9	7.0	6.5	6.4	6.5	7.2	7.0	7.1
8	7.5	7.1	7.3	7.2	7.0	7.1	---	---	---	6.8	6.7	6.7
9	7.5	7.1	7.3	7.2	6.9	7.1	---	---	---	---	---	---
10	7.5	7.2	7.3	7.2	6.9	7.0	---	---	---	---	---	---
11	7.5	7.2	7.4	7.2	6.9	7.0	6.2	6.0	6.1	---	---	---
12	7.4	7.1	7.3	7.2	6.9	7.0	6.3	6.0	6.1	---	---	---
13	7.2	7.1	7.2	7.2	6.9	7.1	6.4	6.1	6.3	---	---	---
14	7.3	7.1	7.2	---	---	---	6.6	6.2	6.4	7.0	7.0	7.0
15	7.2	7.0	7.1	---	---	---	6.5	6.3	6.4	7.2	7.0	7.1
16	7.2	7.0	7.1	7.7	7.4	7.6	6.6	6.3	6.5	7.2	6.9	7.1
17	7.3	7.1	7.2	7.8	7.4	7.6	6.4	6.1	6.3	7.1	6.8	7.0
18	7.3	7.1	7.2	7.9	7.5	7.7	6.4	6.0	6.2	7.0	6.7	6.9
19	7.2	7.0	7.1	7.8	7.3	7.6	6.4	6.0	6.2	7.1	6.7	7.0
20	7.0	7.0	7.0	7.8	7.2	7.5	6.6	6.2	6.4	7.2	6.9	7.0
21	---	---	---	7.6	7.2	7.4	6.7	6.2	6.4	7.4	6.9	7.2
22	6.8	6.8	6.8	7.6	7.2	7.4	6.5	6.0	6.3	7.7	7.3	7.5
23	6.9	6.7	6.8	7.7	7.2	7.4	6.4	6.0	6.2	7.9	7.6	7.8
24	6.9	6.7	6.8	7.6	7.0	7.3	6.5	6.0	6.2	8.3	7.9	8.1
25	7.1	6.8	7.0	7.4	6.9	7.1	6.7	6.2	6.5	8.4	8.0	8.2
26	7.1	6.9	7.0	7.5	6.8	7.2	6.6	6.1	6.3	8.4	7.9	8.1
27	7.1	6.9	7.0	7.2	6.7	6.9	6.7	6.2	6.4	8.4	8.1	8.2
28	7.2	7.0	7.1	7.3	6.7	6.9	6.8	6.3	6.5	8.4	7.9	8.1
29	7.4	7.2	7.3	7.5	6.7	7.0	6.9	6.3	6.5	8.3	7.6	7.9
30	7.5	7.2	7.4	7.4	6.8	7.0	7.1	6.4	6.7	7.6	7.2	7.4
31	---	---	---	7.2	6.5	6.8	7.1	6.6	6.8	---	---	---
MONTH	7.5	6.7	7.1	7.9	6.5	7.2	7.1	6.0	6.4	8.4	6.6	7.4
YEAR	10.8	6.0	8.2									

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

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

AVERAGE DISCHARGE.--14 years, 588 ft^3/s, 17.98 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 19,700 ft^3/s, Oct. 10, 1976, gage height 32.58 ft; minimum, 60 ft^3/s, Jul. 15, 24, 1986, gage height, 13.96 ft.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 2	1830	*8780	*27.86

Minimum discharge, 79 ft^3/s, Aug. 31, gage height, 14.09 ft.

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	109	294	640	960	714	6240	1940	424	278	273	408	116
2	111	303	1220	1620	680	8500	1270	404	257	272	304	102
3	112	306	1280	1020	843	7300	945	399	297	299	251	100
4	105	290	960	709	897	3570	1000	392	285	396	238	99
5	99	263	702	598	718	1320	1000	394	307	453	219	104
6	94	257	597	535	638	1060	827	404	306	446	202	138
7	91	248	528	492	651	931	723	375	271	360	256	224
8	89	247	483	468	653	863	665	357	244	304	591	322
9	92	492	461	447	591	905	630	340	233	272	371	265
10	119	387	498	435	535	866	597	332	220	272	270	206
11	131	317	599	425	506	811	570	329	241	242	243	228
12	135	373	909	411	496	724	555	315	251	230	227	307
13	147	489	913	410	482	687	533	316	239	228	201	495
14	242	442	667	424	470	656	511	368	254	207	178	372
15	665	381	565	412	478	633	504	387	261	210	169	257
16	386	417	511	411	538	614	641	375	369	206	163	210
17	259	413	473	426	621	591	628	341	338	198	163	191
18	207	380	453	704	658	578	540	318	318	198	147	183
19	184	366	439	2200	668	648	511	304	679	192	144	172
20	172	443	420	3070	594	772	480	295	1190	192	141	164
21	156	719	407	2060	549	692	456	289	954	175	134	164
22	151	534	386	1700	530	612	439	296	548	172	125	160
23	146	428	380	1590	550	574	425	288	417	171	115	151
24	142	374	1220	1150	578	554	983	286	358	172	115	140
25	156	625	2370	1030	534	584	1290	277	332	174	109	140
26	368	1520	1510	1700	494	814	707	268	491	160	101	139
27	1370	1970	864	1840	980	789	571	257	408	157	101	140
28	751	1420	693	1120	3140	931	508	296	393	151	106	132
29	440	825	601	856	---	1200	472	285	345	167	97	128
30	353	625	540	759	---	1200	449	264	298	166	89	139
31	303	---	496	731	---	1610	---	294	---	198	90	---
TOTAL	7885	16148	22785	30713	19786	47829	21370	10269	11382	7313	6068	5688
MEAN	254	538	735	991	707	1543	712	331	379	236	196	190
MAX	1370	1970	2370	3070	3140	8500	1940	424	1190	453	591	495
MIN	89	247	380	410	470	554	425	257	220	151	89	99

CAL YR 1986 TOTAL 127503 MEAN 361 MAX 2370 MIN 56
WTR YR 1987 TOTAL 207236 MEAN 568 MAX 8500 MIN 89

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

WATER-QUALITY RECORDS

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

SPECIFIC CONDUCTANCE: October 1973 to current year.
pH: October 1973 to current year.
WATER TEMPERATURE: October 1973 to current year.
DISSOLVED OXYGEN: October 1973 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 127 microsiemens Dec. 23, 1979, minimum, 21 microsiemens Feb. 28, 1984.
pH: Maximum, 8.1 units May 31, 1987; minimum, 5.0 units Jul. 4, 1987.
WATER TEMPERATURE: Maximum, 32.5°C Jul. 19-21, 1986, minimum, 0.5°C Jan. 19, 20, 1977, Jan. 11, 12, 1981, Jan. 21-25,1985.
DISSOLVED OXYGEN: Maximum, 14.4 mg/L Jan. 20, 1976; minimum, 2.0 mg/L Sept. 6, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 98 microsiemens, Oct. 8, 9; minimum, 34 microsiemens Mar. 1-3.
pH: Maximum, 8.1 units, May 31; minimum 5.0 units, Jul. 4.
WATER TEMPERATURE: Maximum, 29.5°C, Jul. 12; minimum, 3.5°C, Jan. 24.
DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Dec. 7, 8; minimum, 5.9 mg/L, Aug. 11.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	96	94	95	70	68	70	60	59	59	65	51	59
2	97	96	97	73	70	72	59	53	56	---	---	---
3	96	94	95	76	73	75	56	53	54	57	52	54
4	95	94	94	79	75	77	59	56	57	59	57	58
5	97	95	96	79	77	78	61	58	60	62	59	61
6	96	95	96	78	77	77	63	61	62	63	61	62
7	97	96	97	80	77	79	66	63	64	64	62	63
8	98	97	97	82	80	81	67	66	66	67	64	65
9	98	94	97	83	69	79	67	66	66	68	66	67
10	96	92	93	71	69	70	66	65	66	69	67	68
11	93	90	91	72	69	70	66	64	65	69	69	69
12	93	90	92	73	71	72	64	60	62	69	68	68
13	95	93	95	76	72	73	61	58	60	69	66	68
14	93	78	89	---	---	---	63	60	61	67	66	66
15	77	57	68	---	---	---	66	63	65	67	66	66
16	63	57	59	---	---	---	66	64	65	68	66	67
17	66	63	64	77	75	76	67	65	66	67	66	66
18	73	66	70	77	74	75	68	66	67	67	50	60
19	91	73	78	76	73	74	68	67	67	50	44	47
20	---	---	---	---	---	---	70	68	69	44	42	43
21	82	80	81	63	59	60	70	68	69	51	44	48
22	84	81	83	68	63	66	70	69	70	51	44	47
23	84	83	84	69	67	68	70	68	69	50	45	48
24	85	83	84	69	68	69	69	43	58	54	51	53
25	85	84	84	70	49	66	51	42	48	55	52	54
26	84	73	82	50	45	48	53	47	51	52	48	50
27	72	51	56	53	47	50	56	52	54	50	47	48
28	57	55	55	54	51	53	59	56	57	54	50	51
29	61	57	59	57	54	55	62	58	60	56	54	55
30	67	61	64	60	57	59	63	61	62	57	56	57
31	69	67	68	---	---	---	65	62	63	58	57	58
MONTH	98	51	82	83	45	69	70	42	62	69	42	58

02160700 ENOREE RIVER AT WHITMIRE, 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	59	57	59	38	34	36	47	43	45	67	64	66
2	59	58	59	35	34	34	49	46	47	69	66	67
3	58	56	57	35	34	35	52	49	51	68	65	66
4	56	54	55	45	36	40	53	53	53	68	65	66
5	57	55	56	48	45	46	54	53	53	68	65	66
6	60	57	59	51	48	49	54	53	54	69	64	66
7	61	59	60	52	51	52	56	54	55	67	64	65
8	61	59	60	54	52	53	57	55	56	67	64	66
9	---	---	---	55	53	54	58	56	57	68	65	66
10	62	60	61	54	53	53	59	57	58	69	67	68
11	63	61	62	55	54	54	59	58	58	69	67	68
12	64	62	63	57	55	56	60	59	59	69	66	67
13	64	62	63	58	56	57	60	59	60	67	65	66
14	65	62	64	59	58	59	60	59	60	67	65	66
15	65	64	64	60	59	59	61	59	60	68	66	67
16	65	62	63	60	58	59	61	59	60	67	64	66
17	62	60	61	59	57	58	60	57	58	68	65	67
18	60	59	60	58	57	57	60	58	59	71	66	68
19	61	59	60	59	56	58	60	59	60	69	66	67
20	63	60	62	58	56	56	61	60	60	69	66	68
21	62	61	61	58	56	57	62	60	61	68	67	67
22	63	61	62	57	56	57	62	60	61	70	69	70
23	62	61	62	59	57	58	---	---	---	70	69	70
24	62	60	61	58	57	58	---	---	---	70	69	70
25	61	60	60	58	57	57	---	---	---	71	69	70
26	62	60	61	59	57	58	---	---	---	71	69	70
27	62	48	56	57	55	56	---	---	---	70	68	69
28	47	39	43	56	54	55	62	60	61	68	67	68
29	---	---	---	55	46	50	66	62	63	69	67	68
30	---	---	---	50	48	49	66	61	63	69	68	68
31	---	---	---	49	47	48	---	---	---	69	69	69
MONTH	65	39	60	60	34	53	66	43	57	71	64	67
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	71	68	70	59	57	58	83	58	74	91	80	85
2	69	68	68	59	58	59	57	54	56	89	83	86
3	69	67	68	59	56	58	67	57	61	95	89	92
4	---	---	---	60	50	56	70	66	68	92	90	91
5	---	---	---	51	49	50	71	65	69	89	88	88
6	---	---	---	50	45	47	71	70	71	88	82	86
7	---	---	---	---	---	---	73	70	72	82	70	78
8	---	---	---	---	---	---	69	47	57	79	70	75
9	---	---	---	63	60	61	56	47	52	72	69	71
10	---	---	---	66	63	64	59	55	57	72	70	71
11	68	66	68	68	66	67	64	59	62	72	67	70
12	70	66	68	70	67	69	67	62	65	72	55	68
13	80	71	75	72	69	71	67	65	66	70	59	63
14	72	70	71	74	71	73	71	66	69	62	58	60
15	73	71	72	73	71	72	73	71	72	62	60	61
16	71	54	63	71	71	71	75	73	74	68	63	65
17	63	57	61	76	71	73	78	76	77	70	66	68
18	70	62	66	76	74	75	80	77	78	74	70	72
19	65	49	56	76	73	74	78	77	78	76	74	75
20	54	40	47	76	74	75	79	77	78	79	76	77
21	46	42	43	77	76	76	79	77	78	81	78	79
22	50	46	48	78	75	77	80	78	79	82	80	81
23	54	51	52	76	74	75	83	80	82	81	80	81
24	58	54	56	77	75	76	85	82	84	81	78	80
25	61	58	59	80	76	78	86	84	85	81	78	80
26	60	53	58	80	77	79	88	86	87	82	80	81
27	57	52	55	81	80	81	88	87	87	87	82	84
28	58	54	56	83	81	82	87	86	87	89	84	86
29	58	55	56	82	80	81	88	86	87	85	84	85
30	57	55	56	81	79	80	90	88	89	84	82	84
31	---	---	---	81	78	79	91	89	90	---	---	---
MONTH	80	40	61	83	45	70	91	47	74	95	55	77
YEAR	98	34	66									

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.4	7.4	7.1	7.1	7.1	7.0	7.0	6.8	7.1	7.1	6.8	6.6
2	7.4	7.4	7.1	7.1	7.0	6.9	---	---	7.1	7.1	6.6	6.5
3	7.5	7.4	7.2	7.1	7.0	6.9	6.8	6.8	7.1	7.1	6.5	6.5
4	7.5	7.4	7.2	7.2	7.0	7.0	6.9	6.8	7.1	7.1	6.7	6.5
5	7.5	7.4	7.2	7.1	7.0	7.0	7.0	6.9	7.1	7.1	6.9	6.7
6	7.5	7.4	7.2	7.1	7.1	7.0	7.0	7.0	7.1	7.1	7.0	6.9
7	7.5	7.4	7.2	7.2	7.1	7.0	7.1	7.0	7.2	7.1	7.0	7.0
8	7.5	7.4	7.2	7.2	7.1	7.1	7.1	7.1	7.2	7.2	7.1	7.0
9	7.4	7.4	7.2	7.1	7.1	7.1	7.1	7.1	---	---	7.1	7.1
10	7.4	7.4	7.1	7.0	7.2	7.1	7.1	7.1	7.2	7.2	7.1	7.1
11	7.4	7.4	7.2	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.1	7.1
12	7.4	7.4	7.2	7.2	7.1	7.0	7.1	7.1	7.2	7.2	7.1	7.1
13	7.4	7.3	7.2	7.2	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.1
14	7.3	7.2	---	---	7.0	7.0	7.2	7.1	7.2	7.2	7.2	7.2
15	7.2	6.9	---	---	7.0	7.0	7.2	7.2	7.3	7.2	7.2	7.2
16	7.0	6.9	---	---	7.0	7.0	7.2	7.2	7.3	7.2	7.2	7.2
17	7.1	7.0	7.2	7.2	7.0	7.0	7.2	7.2	7.2	7.2	7.3	7.2
18	7.2	7.1	7.2	7.2	7.1	7.0	7.2	7.0	7.2	7.2	7.2	7.2
19	7.2	7.1	7.2	7.2	7.1	7.1	7.0	6.9	7.2	7.2	7.2	7.2
20	7.3	7.2	---	---	7.1	7.1	6.9	6.8	7.2	7.2	7.2	7.2
21	7.3	7.2	---	---	7.1	7.1	6.8	6.8	7.2	7.2	7.2	7.2
22	7.3	7.3	7.1	7.1	7.1	7.1	6.8	6.8	7.2	7.2	7.3	7.2
23	7.3	7.3	7.2	7.1	7.1	7.1	6.8	6.8	7.2	7.2	7.3	7.3
24	7.3	7.3	7.2	7.2	7.1	6.8	6.9	6.8	7.2	7.2	7.3	7.3
25	7.3	7.3	7.2	7.0	6.9	6.8	7.0	6.9	7.2	7.2	7.3	7.3
26	7.3	7.1	7.0	6.8	6.8	6.8	7.0	6.9	7.2	7.2	7.3	7.3
27	7.1	6.7	6.8	6.8	6.9	6.8	6.9	6.9	7.2	7.1	7.3	7.3
28	6.8	6.7	6.8	6.8	6.9	6.9	6.9	6.9	7.0	6.8	7.3	7.2
29	6.9	6.8	6.9	6.8	7.0	6.9	7.0	6.9	---	---	7.3	7.1
30	7.0	6.9	7.0	6.9	7.0	7.0	7.1	7.0	---	---	7.2	7.2
31	7.1	7.0	---	---	7.0	7.0	7.1	7.1	---	---	7.2	7.2
MONTH	7.5	6.7	7.2	6.8	7.2	6.8	7.2	6.8	7.3	6.8	7.3	6.5
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	7.6	7.5	8.0	7.6	5.6	5.3	7.1	6.8	7.5	7.2
2	7.1	7.1	7.7	7.5	7.8	7.6	6.7	5.2	6.9	6.7	7.4	7.2
3	7.2	7.1	7.7	7.5	---	---	6.0	5.1	6.9	6.7	7.4	7.1
4	7.3	7.2	7.7	7.5	---	---	6.1	5.0	7.1	6.6	7.5	7.2
5	7.3	7.2	7.7	7.5	---	---	6.1	5.6	7.2	6.9	7.4	7.2
6	7.3	7.2	7.7	7.6	---	---	6.3	5.7	7.5	6.9	7.4	7.1
7	7.3	7.2	7.7	7.6	---	---	6.8	5.9	7.2	7.1	7.6	6.9
8	7.3	7.3	7.7	7.6	---	---	---	---	7.5	6.7	7.2	6.8
9	7.4	7.3	7.7	7.6	7.2	6.9	7.1	6.9	6.9	6.7	7.2	6.8
10	7.4	7.4	7.7	7.6	7.3	7.0	7.2	7.0	7.0	5.7	6.8	6.2
11	7.4	7.4	7.7	7.6	7.0	6.2	7.0	6.8	6.8	6.0	7.6	6.3
12	7.4	7.4	7.9	7.6	6.7	6.5	6.8	6.4	6.3	6.2	6.9	6.1
13	7.4	7.4	8.0	7.7	7.0	6.7	6.4	6.0	6.6	6.2	7.1	6.7
14	7.5	7.4	7.7	7.6	7.1	6.4	6.1	5.8	6.8	6.6	6.9	6.5
15	7.5	7.5	7.9	7.6	6.8	6.5	6.0	5.7	7.3	6.6	7.0	6.6
16	7.5	7.3	7.7	7.6	6.8	6.5	5.9	5.7	7.4	7.1	6.7	6.1
17	7.4	7.3	7.7	7.6	6.9	6.6	5.9	5.7	7.6	7.2	6.3	5.9
18	7.4	7.3	7.7	7.6	6.9	6.6	6.3	5.8	7.4	6.8	6.3	5.8
19	7.4	7.4	7.9	7.6	6.9	6.5	6.8	6.2	7.6	6.9	6.1	5.8
20	7.4	7.4	7.8	7.6	6.7	6.6	6.9	5.8	7.6	7.3	6.2	5.9
21	7.4	7.3	7.8	7.7	6.9	6.6	6.4	5.9	7.5	7.1	6.3	6.1
22	7.3	7.3	7.8	7.7	7.2	6.9	7.3	6.4	7.3	6.8	6.3	6.1
23	---	---	7.9	7.7	7.5	6.3	7.8	7.2	7.3	6.3	6.4	6.1
24	---	---	7.9	7.7	6.9	6.5	7.8	7.5	7.4	7.0	6.7	6.2
25	---	---	7.8	7.7	7.3	7.0	7.6	7.1	7.3	6.7	6.7	6.4
26	---	---	7.8	7.7	7.4	7.0	7.0	6.4	7.3	6.6	6.8	6.5
27	---	---	7.9	7.7	7.3	7.1	6.6	6.0	7.3	6.4	7.0	6.7
28	7.6	7.4	7.9	7.7	7.2	7.0	6.5	6.0	7.2	6.5	7.7	6.9
29	7.5	7.3	7.9	7.6	7.0	6.7	7.0	6.2	7.5	6.5	7.3	7.1
30	7.6	7.5	7.9	7.7	6.7	5.3	7.0	6.7	7.6	7.2	7.2	7.0
31	---	---	8.1	7.7	---	---	6.9	6.6	7.7	7.2	---	---
MONTH	7.6	7.1	8.1	7.5	8.0	5.3	7.8	5.0	7.7	5.7	7.7	5.8
YEAR	8.1	5.0										

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

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

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

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	24.0	25.5	26.0	23.5	25.0	27.0	25.5	26.0	25.5	23.5	24.5
2	27.0	24.5	25.5	26.5	25.0	25.5	27.5	25.0	26.0	25.5	23.0	24.0
3	27.0	25.0	26.0	26.0	24.5	25.5	28.0	26.0	27.0	26.0	23.0	24.5
4	---	---	---	26.0	25.0	25.5	29.0	27.0	27.5	24.0	22.5	23.5
5	---	---	---	26.5	25.0	25.5	29.0	26.5	27.5	22.5	21.0	21.5
6	---	---	---	27.0	25.5	26.0	28.5	26.5	27.5	---	---	---
7	---	---	---	27.5	25.5	26.5	28.0	26.5	27.0	---	---	---
8	---	---	---	27.5	26.0	26.5	26.5	25.5	26.0	---	---	---
9	26.5	23.5	24.5	28.5	25.5	27.0	27.5	25.5	26.5	---	---	---
10	26.5	23.5	25.0	29.0	26.5	27.5	28.5	26.0	27.0	---	---	---
11	25.0	23.5	24.5	29.0	26.5	28.0	27.5	26.0	26.5	---	---	---
12	25.5	23.0	24.0	29.5	27.0	28.0	27.5	25.5	26.0	---	---	---
13	24.5	23.5	24.0	29.0	26.5	28.0	27.0	25.0	25.5	---	---	---
14	24.0	23.0	23.5	29.0	26.5	28.0	26.5	24.0	25.0	---	---	---
15	25.0	23.5	24.0	---	---	---	25.0	24.0	24.5	---	---	---
16	24.5	24.0	24.0	---	---	---	25.0	23.5	24.0	---	---	---
17	25.0	23.5	24.0	---	---	---	27.0	23.5	25.0	---	---	---
18	25.0	23.5	24.5	---	---	---	28.0	24.5	26.0	---	---	---
19	24.5	23.5	24.0	---	---	---	27.5	25.5	26.0	---	---	---
20	23.5	23.5	23.5	---	---	---	28.0	25.0	26.5	---	---	---
21	24.5	23.5	24.0	27.5	24.0	26.0	28.0	24.5	26.0	---	---	---
22	25.5	24.5	25.0	27.5	25.0	26.0	28.0	24.5	26.5	---	---	---
23	27.0	24.5	25.5	27.0	24.5	25.5	29.0	25.0	27.0	---	---	---
24	27.5	25.0	26.5	28.0	24.5	26.0	27.0	25.0	26.0	---	---	---
25	26.5	24.5	25.5	28.5	25.5	26.5	26.5	23.5	25.0	---	---	---
26	25.0	24.5	24.5	28.5	25.0	27.0	28.0	24.5	26.0	---	---	---
27	25.5	24.0	24.5	29.0	26.0	27.5	29.0	25.5	27.0	---	---	---
28	25.0	23.0	24.0	27.5	25.5	26.5	29.0	25.5	27.0	---	---	---
29	25.0	22.0	23.5	28.0	25.0	26.5	28.5	25.5	27.0	---	---	---
30	25.0	22.5	24.0	27.5	25.5	26.5	28.0	25.0	26.5	---	---	---
31	---	---	---	28.0	25.5	26.5	26.0	24.5	25.5	---	---	---
MONTH	27.5	22.0	24.5	29.5	23.5	26.5	29.0	23.5	26.0	26.0	21.0	23.5
YEAR	29.5	3.5	16.0									

02160700 ENOREE RIVER AT WHITMIRE, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.1	7.5	7.7	9.8	9.7	9.7	11.1	10.6	10.8	12.0	11.4	11.8
2	8.1	7.5	7.7	9.7	9.3	9.5	11.3	11.2	11.2	---	---	---
3	8.2	7.5	7.8	9.3	9.0	9.2	11.4	11.1	11.2	11.8	11.4	11.5
4	8.3	7.6	7.8	9.1	8.8	9.0	11.8	11.4	11.6	11.9	11.5	11.7
5	8.1	7.5	7.7	8.8	8.6	8.7	12.1	11.8	11.9	11.9	11.8	11.9
6	8.7	7.6	8.2	8.6	8.2	8.5	12.5	12.0	12.3	12.1	11.9	12.0
7	9.3	8.3	8.8	8.4	8.2	8.3	12.8	12.5	12.7	12.1	12.0	12.1
8	9.6	8.9	9.1	8.5	8.2	8.3	12.8	12.4	12.6	12.0	11.9	12.0
9	9.0	8.7	8.8	8.3	7.9	8.1	12.4	11.7	12.1	11.9	11.8	11.9
10	8.9	8.6	8.7	8.3	7.9	8.1	11.7	10.9	11.3	11.8	11.5	11.6
11	9.5	8.9	9.3	8.9	8.3	8.6	11.0	10.7	11.0	11.6	11.4	11.5
12	9.6	9.3	9.5	9.2	8.8	9.0	11.2	10.8	11.0	11.8	11.7	11.8
13	9.3	8.9	9.2	10.8	9.1	9.5	11.6	10.8	11.1	12.0	9.0	11.1
14	8.9	8.4	8.6	---	---	---	12.3	11.6	11.9	9.0	8.6	8.9
15	8.7	8.4	8.5	---	---	---	12.3	12.0	12.1	8.6	8.0	8.4
16	9.3	8.7	9.0	---	---	---	12.1	11.7	11.9	8.0	7.7	7.8
17	9.7	9.3	9.5	10.6	10.0	10.2	11.8	11.4	11.6	7.8	7.6	7.7
18	10.0	9.6	9.8	10.2	9.9	10.1	11.5	11.1	11.3	8.2	7.9	8.0
19	10.3	9.8	10.1	10.1	9.9	10.0	11.5	11.1	11.4	8.1	7.9	8.0
20	10.6	10.1	10.4	---	---	---	11.6	11.4	11.6	7.9	7.7	7.8
21	10.4	10.1	10.3	11.0	10.8	10.9	11.9	11.6	11.8	7.8	7.6	7.7
22	10.5	10.1	10.3	11.2	10.9	11.1	12.2	11.9	12.1	8.3	7.6	7.9
23	10.4	10.0	10.2	11.3	11.0	11.2	12.3	12.2	12.2	8.4	8.1	8.2
24	10.2	9.7	10.0	11.1	10.7	10.9	12.2	11.3	11.8	8.7	8.4	8.5
25	9.7	9.3	9.6	10.6	9.7	10.3	11.4	11.1	11.3	8.6	8.4	8.5
26	9.4	9.3	9.3	9.8	9.4	9.6	11.1	10.8	10.9	8.5	8.3	8.4
27	9.3	9.0	9.1	9.8	9.5	9.6	11.1	10.9	11.0	8.6	8.3	8.5
28	9.5	9.0	9.3	10.1	9.7	9.9	11.5	11.2	11.4	8.5	8.4	8.5
29	9.8	9.6	9.7	10.4	10.1	10.3	11.7	11.5	11.6	8.5	8.4	8.5
30	10.0	9.7	9.9	10.6	10.3	10.4	11.7	11.6	11.7	8.4	7.8	8.1
31	10.0	9.7	9.8	---	---	---	12.0	11.7	11.9	7.9	7.7	7.8
MONTH	10.6	7.5	9.2	11.3	7.9	9.6	12.8	10.6	11.6	12.1	7.6	9.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.1	7.8	7.9	9.8	9.5	9.6	8.6	8.0	8.4	9.0	8.6	8.8
2	8.1	8.0	8.0	9.6	9.4	9.5	8.8	8.6	8.6	8.8	8.5	8.7
3	8.0	7.7	7.9	9.7	9.4	9.6	8.6	8.4	8.4	8.8	8.6	8.6
4	7.8	7.6	7.7	9.6	9.3	9.5	8.8	8.4	8.6	8.8	8.6	8.7
5	8.0	7.8	7.9	10.0	9.6	9.8	9.0	8.8	8.9	9.3	8.7	9.1
6	8.1	7.9	8.0	10.1	10.0	10.0	9.0	8.7	8.8	9.7	9.2	9.4
7	8.1	7.8	8.0	10.0	9.9	10.0	8.7	8.5	8.5	9.3	8.9	9.1
8	8.0	7.8	7.9	9.9	9.5	9.7	8.6	8.4	8.5	9.1	8.7	8.9
9	---	---	---	9.6	9.4	9.5	8.5	8.3	8.4	9.2	8.8	9.0
10	8.8	8.4	8.7	9.7	9.4	9.5	8.4	8.2	8.3	9.3	8.9	9.1
11	8.9	8.7	8.8	10.1	9.7	10.0	8.4	8.1	8.2	9.3	9.0	9.1
12	8.8	8.2	8.5	10.4	10.1	10.3	8.3	8.0	8.2	9.2	8.8	9.0
13	8.2	8.0	8.1	10.4	10.3	10.4	8.3	7.9	8.0	9.2	8.9	9.0
14	8.2	8.1	8.2	10.4	10.3	10.4	8.1	7.8	7.9	9.0	8.7	8.8
15	8.4	8.1	8.3	10.3	10.2	10.2	8.3	7.9	8.1	8.8	8.4	8.7
16	8.9	8.3	8.4	10.2	8.9	9.8	8.1	7.9	8.0	8.5	8.3	8.4
17	9.4	8.9	9.2	9.0	8.9	8.9	8.6	8.0	8.3	8.6	8.3	8.4
18	9.4	9.3	9.3	9.2	9.0	9.1	8.9	8.6	8.8	8.6	8.1	8.4
19	9.3	9.1	9.3	9.2	9.1	9.2	9.0	8.6	8.8	8.5	8.1	8.3
20	9.3	9.1	9.2	9.3	9.0	9.2	8.8	8.4	8.6	8.5	8.1	8.3
21	9.2	8.9	9.0	9.0	8.6	8.8	9.2	8.1	8.5	8.6	8.2	8.4
22	9.0	8.7	8.8	8.7	8.5	8.6	8.4	7 9	8.1	8.9	8.5	8.7
23	9.1	8.8	8.9	8.7	8.5	8.6	---	---	---	9.0	8.4	8.8
24	9.2	9.0	9.1	8.6	8.4	8.5	---	---	---	8.8	8.3	8.6
25	9.3	9.1	9.2	8.5	8.4	8.4	---	---	---	8.7	8.3	8.5
26	9.2	9.1	9.1	8.5	8.2	8.4	---	---	---	8.6	8.2	8.4
27	9.8	9.3	9.5	8.2	8.0	8.1	---	---	---	8.6	8.3	8.4
28	9.8	9.6	9.8	8.1	7.9	8.0	9.4	9.2	9.3	8.9	8.4	8.6
29	---	---	---	7.9	7.6	7.7	9.7	9.3	9.5	9.1	8.4	8.7
30	---	---	---	7.8	7.7	7.7	9.5	9.0	9.2	8.8	8.2	8.5
31	---	---	---	8.0	7.6	7.8	---	---	---	8.7	8.1	8.4
MONTH	9.8	7.6	8.6	10.4	7.6	9.2	9.7	7.8	8.5	9.7	8.1	8.7

02160700 ENOREE RIVER AT WHITMIRE, SC--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.3	7.8	8.1	7.7	7.3	7.5	6.9	6.5	6.7	8.0	7.1	7.5
2	8.3	7.7	8.0	7.6	7.2	7.4	---	---	---	8.4	7.4	7.7
3	8.0	7.5	7.8	7.6	7.2	7.4	---	---	---	8.3	7.2	7.6
4	7.9	7.6	7.7	7.5	7.2	7.4	---	---	---	8.4	7.4	7.8
5	8.0	7.6	7.8	7.6	7.2	7.4	---	---	---	8.3	7.7	8.0
6	8.3	7.8	8.0	7.5	7.3	7.4	---	---	---	8.4	7.7	8.0
7	8.3	7.7	7.9	---	---	---	---	---	---	8.2	7.5	7.8
8	8.1	7.4	7.8	---	---	---	---	---	---	8.2	7.3	7.7
9	---	---	---	7.3	7.0	7.2	---	---	---	7.7	7.0	7.5
10	---	---	---	7.4	7.0	7.2	---	---	---	8.0	7.1	7.5
11	6.8	6.4	6.6	7.4	7.1	7.2	6.2	5.9	6.1	8.0	6.8	7.6
12	7.2	6.5	6.8	7.3	7.0	7.2	6.3	6.1	6.2	8.2	7.3	7.7
13	6.9	6.5	6.7	8.3	7.0	7.8	6.5	6.2	6.3	7.9	7.2	7.6
14	7.2	6.5	6.8	8.0	7.6	7.8	6.7	6.3	6.5	8.2	7.2	7.7
15	7.3	6.4	6.8	8.0	7.5	7.8	6.7	6.4	6.6	8.2	7.2	7.7
16	7.0	6.3	6.7	8.2	7.6	7.9	6.8	6.6	6.7	8.3	7.2	7.8
17	7.2	6.3	6.8	8.1	7.7	7.9	---	---	---	8.2	7.4	7.8
18	7.3	6.7	7.0	8.4	7.9	8.0	---	---	---	8.1	7.2	7.7
19	7.2	6.5	6.9	8.5	7.7	8.0	7.7	6.7	7.2	8.3	7.5	7.9
20	7.1	6.6	6.9	7.8	7.1	7.5	8.1	7.0	7.6	8.5	7.7	8.0
21	7.2	6.6	6.8	7.5	7.0	7.2	8.1	7.3	7.7	8.7	7.8	8.2
22	7.4	6.6	6.9	7.3	7.0	7.2	8.1	7.3	7.7	8.8	7.8	8.3
23	7.2	6.5	6.9	7.5	7.1	7.2	8.1	7.1	7.5	9.0	8.3	8.6
24	7.6	6.7	7.1	7.5	7.0	7.2	8.2	7.5	7.7	9.3	8.1	8.8
25	---	---	---	7.3	6.8	7.1	8.2	7.3	7.8	9.3	8.5	8.8
26	7.8	7.4	7.6	7.3	6.8	7.0	8.1	7.2	7.7	9.2	8.3	8.8
27	7.7	7.4	7.6	7.3	6.8	7.0	8.1	7.0	7.5	9.3	8.4	8.8
28	7.8	7.5	7.7	7.3	6.9	7.1	8.0	6.9	7.5	9.0	8.1	8.7
29	7.9	7.6	7.8	7.3	6.9	7.1	8.0	7.1	7.4	8.9	7.9	8.4
30	7.9	7.5	7.7	7.4	6.9	7.1	8.1	7.2	7.5	8.2	7.8	8.0
31	---	---	---	7.3	6.7	7.0	8.0	7.2	7.6	---	---	---
MONTH	8.3	6.3	7.3	8.5	6.7	7.4	8.2	5.9	7.2	9.3	6.8	8.0
YEAR	12.8	5.9	8.8									

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.--Records fair, except for estimated daily discharges; Apr. 23 - Jun. 3, Jun. 6-24, Jun. 28 - Jul. 7, Aug. 23-31, Sept. 2-4, which are poor.

AVERAGE DISCHARGE.--7 years, 7.50 ft^3/s, 12.48 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 756 ft^3/s, Mar. 17, 1983, gage height, 8.02 ft; minimum, 0.40 ft^3/s, Jul. 20, 1986, gage height 0.73 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 243 ft^3/s, Feb. 28, gage height, 5.70 ft; minimum, undetermined; minimum daily, 0.47 ft^3/s, Jan. 14.

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	1.5	.99	20	41	11	111	17	4.5	3.8	2.7	1.9	1.4
2	1.4	1.4	42	16	11	25	13	4.4	4.2	2.3	1.9	1.05
3	1.2	1.3	13	6.1	11	17	11	4.2	5.0	2.7	1.8	.99
4	1.2	1.3	6.2	3.9	11	14	11	4.2	7.7	3.3	1.5	1.4
5	1.2	1.6	4.0	2.7	10	12	9.4	4.1	6.6	3.2	1.4	1.7
6	1.0	1.8	3.0	1.9	10	12	8.6	4.0	4.1	3.1	1.4	2.4
7	.96	2.0	2.5	1.5	18	11	7.9	3.9	3.9	3.0	2.0	7.6
8	1.0	2.2	2.2	1.2	14	12	7.5	3.8	3.5	2.1	1.7	9.0
9	3.3	1.8	3.5	.94	11	13	7.2	3.5	3.1	3.5	2.3	6.3
10	2.5	1.8	7.8	1.0	11	12	6.8	3.4	2.7	3.6	1.7	6.7
11	2.3	1.9	6.8	.78	10	10	6.5	3.4	3.2	3.4	1.7	3.4
12	1.5	2.8	19	.63	10	9.9	6.2	3.3	2.8	3.1	1.6	5.4
13	1.3	2.3	11	.53	9.6	9.6	6.1	3.7	2.5	3.1	1.4	2.9
14	2.8	1.9	4.9	.47	9.4	9.2	6.0	3.9	2.3	3.1	1.4	2.5
15	1.4	4.4	3.4	.51	9.2	8.9	6.1	3.7	3.6	3.0	1.5	2.3
16	1.0	3.1	2.6	.52	13	8.6	6.0	3.5	3.1	3.0	2.0	2.1
17	.79	3.1	2.1	.72	13	8.2	5.9	3.4	2.7	2.8	1.3	2.0
18	.69	2.8	1.9	25	12	8.0	5.8	3.4	2.6	2.0	1.3	1.9
19	.62	2.2	1.7	93	10	9.9	5.8	3.3	9.6	1.9	1.3	1.9
20	.59	9.9	1.4	26	9.2	8.9	5.7	3.2	4.0	1.9	1.3	1.9
21	.57	8.8	1.2	18	8.9	8.3	5.6	3.2	3.1	1.7	1.2	1.9
22	.48	4.4	1.0	122	9.1	7.8	5.5	3.1	2.3	1.7	1.2	1.7
23	.50	3.4	1.3	39	10	7.5	6.3	3.0	1.9	1.7	1.1	1.6
24	.53	2.8	21	20	9.1	7.3	7.8	3.0	3.8	1.7	1.0	1.6
25	1.1	5.3	10	22	8.7	8.3	7.0	2.9	8.0	1.7	.90	1.5
26	1.2	25	4.9	30	8.8	8.4	6.4	3.8	5.1	1.7	.80	1.5
27	.88	14	3.4	18	54	24	5.8	4.3	4.6	1.7	.74	1.5
28	.88	6.8	2.5	15	159	41	5.4	4.1	4.0	1.9	.63	1.5
29	.83	4.6	2.2	14	---	17	5.0	3.7	3.7	1.8	.54	1.5
30	.83	4.6	1.9	13	---	38	4.8	3.8	3.4	1.9	.74	1.5
31	.73	---	1.7	12	---	37	---	3.7	---	1.8	1.1	---
TOTAL	36.78	130.29	210.1	547.40	491.0	534.8	219.1	113.4	120.9	76.1	42.35	80.64
MEAN	1.19	4.34	6.78	17.7	17.5	17.3	7.30	3.66	4.03	2.45	1.37	2.69
MAX	3.3	25	42	122	159	111	17	4.5	9.6	3.6	2.3	9.0
MIN	.48	.99	1.0	.47	8.7	7.3	4.8	2.9	1.9	1.7	.54	.99

CAL YR 1986 TOTAL 1552.38 MEAN 4.25 MAX 110 MIN .48
WTR YR 1987 TOTAL 2602.82 MEAN 7.13 MAX 159 MIN .47

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC

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

PERIOD OF RECORD.--March 1978 to current year.

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

INSTRUMENTATION.--Water-quality monitor since March 1978, data collection platform since October 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 139 microsiemens, Jul. 29, 1986; minimum, 28 microsiemens, Nov. 23, 1985.
pH: Maximum, 9.1 units, Jun. 20, 1978, Jun. 21, 1985, Jun. 10,27,30, 1987; minimum, 6.2 units, several days in 1982, 1983, 1985, and 1986.
WATER TEMPERATURE: Maximum, 35.0°C, Aug. 17, 1984; minimum, 1.0°C, Jan. 15, 1982.
DISSOLVED OXYGEN: Maximum, 15.0 mg/L, Dec. 27, 1980; minimum, 1.1 mg/L, Aug. 3, 1980.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 138 microsiemens, Aug. 31; minimum, 48 microsiemens, Dec. 26.
pH: Maximum, 9.1 units, Jun. 10,27,30; minimum, 6.7 units, Mar. 6.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 11,12, Aug. 30; minimum, 5.0°C, Jan. 24.
DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Sept. 10; minimum, 2.2 mg/L, Aug. 27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	120	84	98	108	88	100	104	64	90	---	---	---
2	116	88	103	108	88	98	104	80	93	---	---	---
3	120	88	102	108	88	99	100	68	87	---	---	---
4	120	88	100	108	88	100	104	60	86	---	---	---
5	120	92	103	112	84	99	100	68	89	---	---	---
6	112	88	101	108	84	98	104	68	92	---	---	---
7	108	84	100	108	84	99	100	76	92	82	81	81
8	112	92	104	108	84	100	104	68	90	81	78	80
9	108	92	102	112	84	100	104	80	92	81	80	80
10	128	92	105	116	88	102	104	76	89	82	77	80
11	108	96	102	112	84	101	100	80	95	80	78	80
12	136	92	111	108	88	98	104	80	90	79	57	71
13	128	84	105	108	84	100	104	80	89	80	76	78
14	120	92	101	116	84	100	104	76	93	81	79	80
15	136	96	106	108	88	99	100	68	87	80	79	80
16	132	92	104	108	92	101	100	76	87	79	78	79
17	120	92	102	116	88	97	100	72	87	79	78	79
18	112	88	102	108	88	98	100	80	89	81	79	80
19	112	88	101	104	92	98	100	76	89	81	77	79
20	108	92	102	108	80	99	100	76	90	80	77	79
21	112	84	101	108	84	100	100	76	91	77	54	73
22	112	88	103	108	88	100	100	80	88	77	76	77
23	108	88	98	108	88	98	100	68	89	76	56	72
24	112	88	102	108	88	99	100	76	89	75	52	72
25	112	92	102	104	84	98	96	60	81	75	61	73
26	120	88	103	108	84	95	96	48	80	75	60	72
27	112	76	100	108	72	95	100	76	88	74	66	72
28	108	92	101	104	68	94	96	68	82	74	57	70
29	116	84	99	100	64	87	92	80	88	74	73	74
30	108	76	97	104	76	91	---	---	---	74	71	73
31	112	80	97	---	---	---	---	---	---	72	71	72
MONTH	136	76	102	116	64	98	104	48	89	82	52	76

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, 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	72	67	71	79	77	78	71	65	67	75	72	73
2	72	62	70	80	79	79	69	68	68	77	73	74
3	72	71	72	82	79	80	69	68	69	80	74	76
4	72	70	71	83	80	81	72	69	70	81	72	75
5	72	71	71	82	80	80	74	72	73	83	73	75
6	72	71	72	83	80	81	75	74	74	75	73	74
7	72	70	71	82	80	81	77	75	76	76	74	74
8	71	64	69	81	80	81	78	73	75	75	74	74
9	---	---	---	81	79	80	74	73	74	76	74	75
10	69	66	68	79	78	78	75	73	74	82	74	77
11	69	62	67	79	77	79	75	70	73	82	74	76
12	69	68	68	78	77	77	73	69	72	81	73	74
13	70	64	68	77	77	77	74	70	73	84	72	76
14	69	68	68	77	76	77	74	72	73	79	73	74
15	72	68	70	76	74	75	74	72	73	86	73	77
16	71	68	69	74	72	73	74	73	74	82	73	76
17	70	69	70	71	66	68	74	73	74	88	74	79
18	71	70	70	71	69	70	74	72	74	83	75	77
19	73	71	72	71	70	71	74	72	73	81	74	76
20	74	73	73	72	71	72	75	71	73	81	73	76
21	75	74	74	73	71	72	74	70	73	81	73	76
22	75	72	74	75	72	73	74	70	72	81	73	75
23	75	73	74	76	72	74	73	70	72	81	73	75
24	77	75	76	76	74	75	73	70	72	79	73	75
25	78	76	77	75	72	74	73	71	73	86	73	77
26	79	77	78	72	70	71	74	72	73	85	73	77
27	79	77	78	71	64	67	74	71	73	83	73	76
28	79	74	76	67	64	65	74	73	73	84	73	76
29	---	---	---	72	68	70	74	73	73	80	73	76
30	---	---	---	73	71	72	75	72	73	78	73	75
31	---	---	---	71	71	71	---	---	---	79	72	75
MONTH	79	62	72	83	64	75	78	65	73	88	72	76

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	79	72	75	81	79	80	86	83	85	117	96	100
2	81	73	76	81	80	81	106	84	93	112	97	101
3	80	73	76	82	80	80	116	85	96	136	99	106
4	83	69	75	81	80	80	101	86	89	128	98	103
5	83	71	75	82	80	80	102	86	90	99	98	99
6	86	73	76	86	80	82	106	86	90	114	98	99
7	77	74	75	82	79	80	111	86	93	134	98	105
8	94	76	83	82	77	80	101	86	88	132	76	105
9	90	80	82	83	79	81	107	87	90	100	76	91
10	93	79	82	82	79	80	104	87	92	95	79	89
11	91	80	83	84	79	82	98	88	90	94	80	90
12	92	80	83	84	80	83	97	87	90	98	87	92
13	90	81	83	84	81	82	107	88	93	95	77	91
14	82	80	81	84	80	82	104	89	91	94	75	87
15	95	81	85	84	81	82	92	89	90	93	78	87
16	90	80	84	93	81	83	107	89	91	95	86	90
17	98	80	85	91	81	83	110	89	95	91	89	90
18	90	79	83	90	81	84	107	89	94	92	89	90
19	96	79	82	94	82	85	103	91	94	93	90	92
20	99	80	87	93	81	85	109	92	96	97	91	93
21	86	81	82	90	81	83	116	92	97	98	92	93
22	82	77	80	91	82	84	106	93	97	95	91	92
23	82	73	79	93	82	84	115	92	98	103	91	94
24	85	79	80	109	82	88	116	94	99	97	91	92
25	84	80	82	108	83	88	113	95	100	106	91	93
26	83	81	82	95	83	86	118	96	99	95	92	93
27	84	80	82	98	82	87	115	96	100	113	92	96
28	87	79	82	97	83	87	102	95	97	96	92	93
29	86	80	82	95	83	86	109	94	98	107	92	95
30	84	80	81	105	83	88	112	95	98	109	92	96
31	---	---	---	101	84	87	138	96	105	---	---	---
MONTH	99	69	81	109	77	83	138	83	94	136	75	95
YEAR	138	48	85									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	29.0	26.0	27.5	23.0	18.0	21.5	17.5	12.0	16.0	---	---	---
2	29.0	26.5	27.5	23.5	15.5	20.5	17.0	12.5	15.5	---	---	---
3	28.5	26.0	27.5	23.5	16.0	21.0	16.5	10.0	14.5	---	---	---
4	28.0	26.0	27.0	22.0	21.0	21.5	17.0	9.5	14.5	---	---	---
5	28.0	26.5	27.0	22.0	17.0	20.5	16.0	9.0	14.5	---	---	---
6	29.0	27.0	28.0	22.0	18.0	21.0	16.5	9.0	14.5	---	---	---
7	28.5	26.5	27.5	22.5	21.0	21.5	15.5	7.0	13.5	10.5	10.5	10.5
8	28.0	26.5	27.0	23.0	21.0	22.0	15.5	7.0	14.0	11.0	9.0	10.5
9	27.0	25.5	26.5	22.0	19.5	21.0	16.0	10.0	14.5	11.0	10.5	10.5
10	26.5	23.5	25.5	22.0	18.5	21.0	15.5	9.0	14.0	10.5	8.0	10.0
11	26.0	24.0	25.5	22.0	18.0	21.0	17.5	14.5	16.0	---	---	---
12	25.5	20.0	24.0	22.0	18.5	21.0	16.5	15.0	16.0	---	---	---
13	26.0	21.5	25.0	21.5	17.0	20.0	15.5	11.5	14.5	10.5	10.0	10.0
14	26.0	23.5	25.0	20.5	14.0	19.0	15.5	9.0	13.5	10.5	8.0	10.0
15	25.5	21.5	24.0	20.0	13.0	18.0	15.0	8.0	13.0	10.5	10.0	10.0
16	26.0	20.0	24.0	20.0	11.0	17.0	15.5	8.0	13.5	12.5	10.5	11.0
17	26.0	19.0	24.0	19.5	11.0	17.5	15.5	13.5	14.5	12.5	12.0	12.0
18	25.0	19.0	23.5	19.5	13.5	18.5	15.0	13.5	14.5	12.0	10.0	11.5
19	24.5	20.0	23.5	19.5	13.0	18.0	15.0	13.5	14.0	11.5	9.5	10.0
20	24.5	20.5	23.0	19.5	16.0	18.5	15.0	13.5	14.0	10.5	9.5	10.0
21	24.0	19.0	22.5	19.0	13.5	17.5	15.5	13.0	15.0	10.5	7.5	9.5
22	24.0	20.5	23.0	18.5	17.0	18.0	14.5	7.5	13.0	11.0	10.0	10.5
23	24.0	22.0	23.0	19.5	11.0	16.0	14.0	8.0	12.5	10.0	7.0	9.0
24	25.0	23.0	23.5	18.5	10.0	16.0	14.0	6.5	13.0	9.5	5.0	9.0
25	24.0	22.0	23.0	20.0	13.0	17.5	14.0	6.5	11.0	9.0	6.5	9.0
26	24.0	19.0	22.5	19.0	13.5	17.0	14.0	8.0	12.0	9.5	5.5	8.5
27	23.0	22.0	22.5	19.5	14.0	17.5	14.0	12.5	13.5	9.5	7.5	9.0
28	24.5	22.0	23.0	19.0	14.0	17.5	15.0	8.0	12.5	9.0	5.0	8.0
29	23.5	17.0	21.0	19.5	12.5	17.0	13.5	10.0	13.0	9.0	9.0	9.0
30	24.5	16.0	21.5	18.5	13.0	16.5	---	---	---	9.0	9.0	9.0
31	23.5	16.0	21.0	---	---	---	---	---	---	9.5	8.5	9.0
MONTH	29.0	16.0	24.5	23.5	10.0	19.0	17.5	6.5	14.0	12.5	5.0	10.0

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	21.5	23.5	27.0	24.5	26.0	29.5	26.0	27.5	30.5	29.5	30.0
2	25.0	22.0	23.5	28.0	24.0	25.5	29.0	27.0	28.0	30.5	29.0	30.0
3	27.0	22.5	24.0	29.0	25.0	26.5	28.5	26.0	27.5	29.5	29.0	29.5
4	26.5	23.0	25.0	27.5	25.5	26.0	27.0	25.5	26.5	29.5	28.0	28.5
5	27.5	23.5	25.5	28.0	25.0	27.0	27.5	26.0	27.0	28.5	28.0	28.0
6	26.0	24.5	25.5	28.5	24.5	27.0	29.0	26.5	28.0	29.0	27.5	28.5
7	25.5	23.5	25.0	27.5	25.0	26.5	29.0	26.5	28.0	29.0	25.5	28.0
8	26.0	22.0	23.5	29.0	25.0	27.0	29.0	26.5	28.0	28.5	24.0	27.0
9	25.0	22.5	23.5	30.0	25.5	27.0	29.0	27.0	28.0	27.0	23.5	26.0
10	28.0	22.5	24.5	30.0	25.5	27.0	30.0	27.5	28.0	27.5	24.0	26.0
11	26.0	23.0	25.0	32.5	26.0	29.0	30.5	28.0	29.0	27.0	24.5	26.0
12	25.5	22.5	23.5	32.5	25.5	29.5	31.0	27.5	29.5	27.0	25.5	26.0
13	25.5	23.0	24.5	29.5	24.5	27.0	31.0	28.5	29.5	26.5	24.0	26.0
14	26.0	23.5	25.0	30.0	26.0	27.5	30.0	29.0	29.5	28.5	23.5	26.5
15	25.0	22.5	23.5	30.0	25.5	28.0	29.5	27.5	29.0	28.0	24.5	26.0
16	26.5	23.5	24.5	29.0	25.5	27.0	29.5	27.0	28.0	27.5	25.5	26.5
17	26.0	23.5	24.5	28.5	25.5	26.5	29.0	26.5	28.0	27.5	26.5	27.0
18	29.0	24.0	25.5	28.5	25.5	27.0	29.0	27.0	27.5	27.5	26.5	27.0
19	28.0	24.5	26.5	29.0	25.5	26.5	30.5	28.0	29.0	28.5	26.5	27.5
20	27.0	23.0	25.5	28.0	25.0	26.0	31.5	28.5	29.5	29.5	26.0	28.0
21	26.5	24.0	25.5	26.5	25.0	25.5	30.0	29.0	29.5	27.0	25.0	26.0
22	26.0	23.0	24.5	28.0	25.0	25.5	29.5	29.0	29.0	26.0	25.5	26.0
23	27.0	23.5	25.0	30.5	25.0	27.0	31.0	29.0	29.5	27.5	24.5	26.0
24	27.0	24.0	25.0	29.5	26.0	27.0	30.5	29.0	30.0	26.0	25.0	25.5
25	29.0	24.5	26.0	29.0	26.0	27.0	30.5	29.0	29.5	25.5	23.0	25.0
26	29.0	24.5	26.5	29.5	26.0	27.5	31.5	29.0	30.0	26.0	24.0	25.0
27	29.5	25.5	27.5	30.0	26.0	28.0	30.0	29.0	29.5	26.0	22.5	24.5
28	30.0	25.0	27.0	28.0	25.5	26.5	30.0	29.0	29.5	25.5	24.5	25.0
29	29.5	24.5	26.5	29.5	25.5	27.0	31.5	29.5	30.5	25.0	23.5	24.5
30	28.0	24.5	26.0	28.0	26.0	27.0	32.5	29.5	31.0	26.0	23.5	25.0
31	---	---	---	27.5	25.5	26.5	31.0	29.5	30.5	---	---	---
MONTH	30.0	21.5	25.0	32.5	24.0	27.0	32.5	25.5	29.0	30.5	22.5	26.5
YEAR	32.5	5.0	19.5									

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.5	5.3	6.4	8.3	7.5	7.8	9.6	8.3	8.7	---	---	---
2	8.6	5.5	6.7	8.9	7.5	8.0	9.5	8.3	8.7	---	---	---
3	8.3	5.1	6.0	8.9	7.3	8.1	10.2	8.2	8.8	---	---	---
4	7.3	4.8	5.5	8.1	7.0	7.4	10.7	8.3	8.9	---	---	---
5	7.1	5.4	6.0	8.5	7.1	7.5	10.8	8.3	8.8	---	---	---
6	8.2	5.8	7.1	8.2	7.1	7.5	11.0	8.3	8.9	---	---	---
7	8.0	6.3	7.2	8.1	7.2	7.6	11.4	8.4	9.2	10.3	10.0	10.2
8	7.1	6.0	6.6	8.3	7.3	7.9	11.6	8.1	9.0	10.6	10.0	10.2
9	6.2	5.5	5.8	8.5	6.9	7.4	10.4	8.1	8.6	10.1	9.8	9.9
10	6.5	5.6	5.9	8.2	7.9	8.1	11.2	8.1	8.7	10.7	9.6	9.9
11	6.7	5.9	6.1	8.1	7.7	8.0	9.1	8.4	8.6	11.0	9.7	10.0
12	7.4	5.9	6.5	8.1	7.7	7.9	8.8	8.4	8.6	---	---	---
13	6.7	5.6	6.0	8.5	7.8	8.0	10.0	8.8	9.1	---	---	---
14	6.4	5.8	6.0	9.3	7.6	8.1	10.8	8.8	9.3	10.5	9.6	9.8
15	7.3	5.9	6.5	9.0	7.5	7.9	11.2	8.6	9.4	9.8	9.6	9.6
16	7.9	6.3	6.6	9.8	7.4	8.1	11.4	8.4	9.3	9.9	9.7	9.8
17	7.8	6.2	6.6	10.2	7.4	8.1	9.0	8.3	8.7	9.9	9.8	9.8
18	7.9	6.4	6.9	9.2	7.3	7.7	8.8	8.4	8.6	10.0	9.8	9.9
19	7.7	6.9	7.1	9.4	7.4	7.9	9.1	8.5	8.8	10.1	9.5	9.8
20	7.8	6.7	7.0	8.6	7.7	7.9	9.3	8.7	8.9	9.9	9.7	9.8
21	8.0	6.5	6.9	8.9	7.4	7.9	9.5	8.9	9.2	10.8	9.5	10.0
22	8.0	6.5	6.9	7.8	7.6	7.7	11.6	9.2	9.7	10.1	9.9	9.9
23	7.2	6.5	6.9	9.8	7.6	8.3	11.2	9.1	9.6	10.7	9.7	10.0
24	7.2	6.6	6.8	10.1	7.6	8.3	11.4	9.0	9.4	11.6	9.8	10.1
25	7.1	6.6	6.8	9.3	7.8	8.3	11.7	8.9	9.9	11.2	9.9	10.2
26	7.8	6.6	7.0	9.5	7.6	8.2	11.4	8.5	9.6	11.6	10.1	10.4
27	6.9	6.4	6.7	8.9	7.8	8.2	9.3	8.9	9.1	11.0	10.1	10.3
28	7.7	6.7	7.1	8.7	7.9	8.2	10.9	9.2	9.6	11.9	10.1	10.5
29	8.2	6.7	7.4	9.4	7.9	8.3	10.4	9.1	9.3	10.4	10.2	10.2
30	8.2	6.8	7.4	9.3	7.9	8.4	---	---	---	10.2	10.1	10.2
31	8.5	7.3	7.7	---	---	---	---	---	---	10.4	10.1	10.3
MONTH	8.6	4.8	6.7	10.2	6.9	8.0	11.7	8.1	9.1	11.9	9.5	10.0

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

02160900 MONTICELLO RESERVOIR NEAR JENKINSVILLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	10.0	7.6	8.4	9.4	5.9	7.3	7.9	4.1	6.1	6.0	2.5	5.0
2	9.3	7.1	8.1	9.1	5.1	6.7	6.8	4.7	5.6	6.4	4.1	5.6
3	9.5	6.9	8.0	9.1	6.0	7.4	7.3	3.8	5.2	7.6	5.0	5.8
4	9.3	7.0	8.1	7.7	5.6	6.3	6.1	3.3	4.7	6.3	4.9	5.7
5	9.4	6.7	8.2	8.7	5.7	7.3	5.8	4.1	4.7	6.3	5.8	6.0
6	8.7	6.7	7.9	8.6	5.1	7.3	7.1	3.9	5.0	---	---	---
7	8.3	6.5	7.3	8.6	5.7	7.1	7.9	4.2	6.1	---	---	---
8	8.1	5.6	6.5	9.4	5.6	7.1	8.3	4.0	6.2	---	---	---
9	6.9	5.3	6.0	8.3	5.4	6.8	8.5	4.8	6.4	7.6	4.1	5.8
10	9.6	5.8	6.9	8.9	5.0	6.5	7.9	4.1	5.6	13.7	6.2	8.1
11	12.0	6.1	8.8	9.0	5.1	6.8	7.6	4.4	6.1	---	---	---
12	11.6	9.3	10.0	9.7	5.2	7.8	7.7	5.2	6.1	8.5	6.3	7.4
13	11.2	5.9	7.2	9.9	5.1	7.0	7.8	5.0	5.9	---	---	---
14	7.6	5.7	7.1	9.4	5.1	7.1	7.4	5.2	6.6	---	---	---
15	---	---	---	9.1	5.1	7.3	7.3	5.7	6.8	---	---	---
16	---	---	---	9.3	5.7	7.3	7.3	5.4	6.3	---	---	---
17	---	---	---	8.9	5.5	6.7	7.1	5.5	6.2	6.5	5.3	5.6
18	---	---	---	9.0	5.2	7.1	8.3	5.9	6.8	6.1	5.1	5.5
19	8.8	7.1	8.0	9.8	5.3	7.2	10.5	5.9	7.2	7.2	5.3	6.2
20	8.3	5.2	6.7	9.1	5.2	7.1	10.5	5.8	7.8	7.5	5.1	6.4
21	8.1	5.5	6.5	8.6	6.0	7.1	9.2	5.5	7.2	7.3	5.6	6.3
22	7.5	5.0	5.7	9.4	5.1	6.6	8.0	5.4	6.7	6.7	4.9	5.7
23	7.9	5.2	6.0	9.2	5.1	7.0	12.2	4.5	8.1	8.0	4.9	6.1
24	6.4	5.5	5.8	8.9	4.5	6.7	4.1	2.9	3.7	6.4	5.4	5.8
25	7.8	5.1	6.2	8.3	4.7	6.0	4.1	3.1	3.4	7.2	5.5	6.0
26	8.7	5.2	6.7	10.4	4.5	6.8	6.2	2.7	3.9	6.7	5.3	5.6
27	9.8	5.5	7.9	9.0	4.3	6.3	5.1	2.2	3.8	6.4	5.3	5.8
28	9.5	5.8	7.5	7.1	3.9	5.5	5.5	2.5	4.0	6.2	5.4	5.7
29	9.0	5.4	7.1	8.7	4.9	6.3	6.6	3.3	5.3	6.4	5.6	5.9
30	10.0	5.9	7.9	7.2	4.5	5.7	6.6	3.2	5.4	7.8	5.2	6.4
31	---	---	---	7.6	4.0	5.6	6.2	3.1	5.1	---	---	---
MONTH	12.0	5.0	7.3	10.4	3.9	6.8	12.2	2.2	5.7	13.7	2.5	6.0
YEAR	13.7	2.2	8.3									

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 266.61 ft, Nov. 3; minimum, 255.94 ft, May. 26.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	261.52	261.42	263.18	261.15	261.58	262.35	261.85	265.66	265.91	261.34	264.58	260.31
2	262.36	262.55	262.30	260.36	260.61	263.38	261.31	263.55	265.14	264.96	260.80	259.91
3	262.95	266.01	261.38	261.72	260.81	261.81	261.10	259.55	265.71	262.81	264.61	260.11
4	261.74	265.41	260.95	262.11	260.81	259.70	260.78	260.56	262.44	263.11	265.26	257.64
5	260.61	263.77	261.25	263.78	260.65	259.08	260.85	259.72	263.16	263.44	264.98	259.81
6	260.61	263.65	261.44	263.55	260.51	261.16	260.71	261.34	261.05	260.74	262.61	260.28
7	261.20	262.31	260.80	262.71	262.34	260.16	260.29	260.95	260.30	260.91	260.30	260.45
8	262.85	262.82	263.91	262.61	261.61	259.58	260.01	262.55	263.06	262.10	264.81	263.15
9	263.30	262.11	264.01	263.21	261.48	261.46	260.18	263.06	262.82	261.44	262.51	264.34
10	262.30	263.72	265.18	262.78	260.85	260.90	260.48	258.71	264.30	263.55	263.30	263.60
11	260.36	264.91	264.01	260.68	261.18	260.65	261.21	259.64	259.65	261.85	264.31	264.15
12	263.10	265.14	264.30	260.56	262.12	260.24	259.82	261.25	265.31	260.71	264.11	263.11
13	264.95	264.41	264.15	260.26	262.54	260.28	261.30	259.44	261.15	262.05	261.01	263.01
14	263.70	263.65	263.11	259.81	262.75	260.42	263.01	261.15	261.18	261.31	259.31	262.38
15	261.38	262.25	262.71	260.29	262.98	260.90	265.62	260.31	264.41	261.11	261.16	261.05
16	263.38	260.86	262.72	259.80	261.85	262.02	265.71	260.31	260.55	262.42	261.92	261.71
17	262.90	259.71	263.05	259.41	259.76	260.14	265.11	261.42	263.51	263.55	264.26	263.55
18	261.90	261.01	262.85	259.61	262.41	259.72	265.31	263.91	261.45	260.48	264.31	264.11
19	262.18	264.15	263.11	260.01	261.71	259.65	263.71	261.88	261.35	260.38	263.29	262.21
20	264.26	262.78	263.45	259.84	261.44	259.95	264.21	260.35	264.35	263.01	263.28	261.81
21	262.54	266.01	263.54	258.71	262.76	260.11	265.81	259.31	262.20	263.91	264.12	260.64
22	264.05	263.31	264.48	259.48	261.95	259.80	265.44	262.18	262.29	264.10	262.32	259.20
23	262.61	263.60	262.45	262.31	260.35	259.31	265.70	260.91	263.56	261.61	263.15	260.85
24	262.01	261.61	264.88	260.81	262.64	259.20	266.31	260.50	264.98	262.84	259.76	262.71
25	262.26	266.32	264.21	260.96	263.51	259.75	266.31	262.51	262.62	263.61	260.71	264.44
26	262.60	264.96	263.22	259.95	262.18	259.86	262.31	263.30	261.24	260.25	261.11	265.05
27	263.65	265.18	264.41	259.34	264.22	260.24	261.62	262.95	261.25	262.85	263.46	263.05
28	262.24	263.76	261.41	260.29	260.71	260.72	260.74	264.01	261.46	264.41	264.31	264.41
29	263.64	262.64	264.58	260.10	---	261.12	261.05	264.80	261.68	261.52	262.65	265.55
30	262.04	261.71	263.85	261.02	---	260.54	264.62	261.32	259.51	263.81	260.26	262.82
31	261.75	---	261.88	262.86	---	262.21	---	262.74	---	264.06	259.58	---
MAX	264.95	266.32	265.18	263.78	264.22	263.38	266.31	265.66	265.91	264.96	265.26	265.55
MIN	260.36	259.71	260.80	258.71	259.76	259.08	259.82	258.71	259.51	260.25	259.31	257.64
[+]	5.05	5.01	5.18	6.33	4.01	5.55	8.51	6.19	2.86	7.78	2.92	6.28
[*]	-129	-2	8	57	-128	77	153	-116	-172	246	-243	173

CAL YR 1986 * 8 MAX 266.66 MIN 257.67
WTR YR 1987 *-6 MAX 266.32 MIN 257.64

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC

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

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

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

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

INSTRUMENTATION.--Water-quality monitor since October 1973, 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, Jul. 24, 1977; minimum, 5.0 units, Jul. 13, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, Jul. 25, 1976, Jul. 11, 16, 1977, and several days in Jul. 1986; minimum, 0.5°C, Jan. 19-21, 1977.
DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Jan. 21, 22, 1976; minimum, 2.9 mg/L, Jul. 2, 14-15, 1981.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 162 microsiemens Sept. 5; minimum, 35 microsiemens, Mar. 2, 3.
pH: Maximum, 7.9 units, Nov. 9, 26, Dec. 9, 10; minimum 5.0 units, Jul. 13.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 3; minimum, 3.0°C, Jan. 24, 27.
DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Mar. 2; minimum, 4.6 mg/L, Aug. 5.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	112	88	104	108	84	95	104	64	85	84	60	72
2	116	88	104	108	84	96	108	64	86	---	---	---
3	120	96	107	108	72	97	92	64	79	84	56	67
4	120	84	107	112	88	99	100	52	73	80	52	66
5	116	92	105	116	88	102	100	60	76	96	52	75
6	120	88	104	124	96	112	88	56	71	96	69	78
7	120	96	108	128	96	108	96	60	77	77	70	74
8	120	88	107	116	92	106	88	64	76	72	69	70
9	120	88	108	116	88	103	108	80	94	79	68	72
10	140	92	106	120	88	105	104	76	88	79	74	77
11	136	96	112	120	96	108	100	68	82	81	79	80
12	120	96	111	112	88	101	96	72	85	83	78	81
13	128	100	116	108	84	97	92	68	82	85	80	83
14	124	96	112	108	80	94	92	68	81	86	84	85
15	136	100	115	112	88	101	96	64	80	87	83	85
16	132	112	122	112	88	102	92	72	83	85	83	84
17	128	100	112	108	80	96	92	64	78	88	85	87
18	120	92	107	116	84	98	100	60	82	91	87	88
19	120	96	108	112	88	100	100	68	83	90	60	75
20	116	92	107	112	88	97	100	72	88	74	58	62
21	116	92	105	112	88	101	100	72	86	57	52	54
22	116	88	104	112	88	100	100	76	89	70	56	60
23	120	92	108	112	88	99	96	76	86	73	49	56
24	128	96	113	112	80	95	108	80	91	61	54	57
25	120	96	107	112	80	101	100	48	78	68	57	59
26	124	96	109	108	84	96	88	44	61	72	59	65
27	116	96	103	104	68	84	72	44	56	70	56	62
28	120	100	110	96	68	83	72	36	55	65	59	62
29	120	84	100	100	56	82	100	52	71	76	64	68
30	108	84	95	108	68	89	92	56	77	75	68	70
31	112	84	99	---	---	---	84	52	69	75	70	71
MONTH	140	84	108	128	56	98	108	36	79	96	49	72

02160991 BROAD RIVER NEAR JENKINSVILLE, 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	74	72	73	48	39	43	69	59	62	77	75	76
2	75	72	73	38	35	36	63	57	59	78	75	76
3	75	71	73	38	35	35	63	58	59	81	77	79
4	75	69	71	44	38	41	65	60	62	85	77	81
5	78	68	71	63	44	51	66	64	65	84	76	81
6	80	70	73	75	52	59	68	63	65	81	78	80
7	72	71	72	67	55	59	68	62	63	79	78	78
8	73	71	72	69	57	60	66	62	63	80	77	79
9	---	---	---	69	59	62	68	63	65	80	76	78
10	79	73	76	75	62	67	72	66	68	86	80	83
11	75	72	74	76	63	72	70	68	69	88	86	87
12	79	72	75	71	63	66	71	70	70	88	83	87
13	76	71	73	73	65	68	73	71	71	87	80	83
14	76	74	75	72	69	71	74	72	73	88	80	85
15	80	76	77	74	71	72	75	73	74	87	80	83
16	81	79	80	78	74	76	75	74	75	86	82	84
17	81	77	80	78	72	76	75	74	75	89	80	84
18	80	77	79	72	68	70	75	74	74	87	82	84
19	81	75	77	72	69	69	75	72	74	85	82	83
20	75	73	74	72	69	70	74	72	73	87	81	84
21	80	73	76	74	71	72	75	73	74	87	82	84
22	79	75	76	74	72	73	75	72	74	89	84	86
23	78	76	76	72	71	71	75	73	74	88	83	85
24	80	77	78	73	71	71	74	73	74	90	83	86
25	78	75	76	73	71	71	74	74	74	94	86	90
26	76	72	74	72	69	70	74	73	73	91	84	86
27	80	72	75	74	70	72	75	73	74	87	84	86
28	79	48	61	73	69	72	75	74	75	88	83	86
29	---	---	---	69	68	68	76	75	75	86	82	83
30	---	---	---	69	66	68	77	75	76	85	81	83
31	---	---	---	70	61	64	---	---	---	86	82	83
MONTH	81	48	74	78	35	64	77	57	70	94	75	83
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	86	82	83	---	---	---	92	90	91	117	106	111
2	86	82	83	---	---	---	92	90	91	123	113	117
3	88	82	84	83	80	82	103	90	94	131	121	125
4	88	83	84	82	78	82	95	92	94	131	115	120
5	92	84	87	84	82	83	97	72	91	162	116	135
6	95	84	89	85	81	84	101	61	83	145	113	125
7	102	95	99	85	81	83	107	90	94	145	104	123
8	102	88	96	83	79	82	107	93	99	124	89	102
9	99	87	91	---	---	---	104	95	98	95	83	91
10	97	86	90	78	42	57	106	92	100	93	86	91
11	97	85	90	83	46	72	94	91	92	92	86	91
12	98	86	93	83	81	82	94	91	93	92	89	91
13	90	86	87	84	82	83	99	91	93	88	80	85
14	97	87	92	85	82	84	117	93	101	91	75	83
15	97	86	91	88	81	84	115	98	107	90	85	88
16	94	83	88	93	80	85	103	95	99	92	89	90
17	96	89	92	88	84	85	107	99	101	94	90	92
18	94	89	91	87	85	86	101	94	98	93	92	92
19	99	85	90	99	86	91	97	94	95	93	92	92
20	100	93	98	97	90	93	102	95	96	98	92	94
21	92	84	88	92	87	90	107	96	98	101	93	95
22	84	79	82	92	85	87	104	94	96	103	93	97
23	84	78	83	95	85	88	108	96	101	107	95	102
24	83	82	83	100	88	91	120	98	104	106	100	103
25	83	76	82	90	88	89	111	101	105	102	99	100
26	86	72	91	91	88	88	112	103	106	101	99	100
27	---	---	---	98	89	92	110	101	105	100	98	99
28	---	---	---	96	90	92	102	100	101	108	100	104
29	---	---	---	95	90	92	102	98	100	107	102	105
30	---	---	---	104	88	93	103	98	100	105	102	103
31	---	---	---	100	90	93	111	99	101	---	---	---
MONTH	102	72	89	104	42	85	120	61	98	162	75	102
YEAR	162	35	85									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.3	7.2	7.4	7.2	7.1	6.9	7.1	6.8	6.3	6.2	6.2	6.0
2	7.2	7.2	7.6	7.3	7.1	6.9	6.9	6.8	6.3	6.1	6.2	5.9
3	7.2	7.2	7.4	7.2	7.1	6.9	6.9	6.6	6.3	6.0	7.6	5.7
4	7.3	7.2	7.4	7.2	7.1	7.0	7.1	6.7	6.4	6.0	7.6	7.2
5	7.3	7.2	7.4	7.2	---	---	7.7	7.0	7.3	6.3	7.3	6.7
6	7.3	7.2	7.4	7.2	---	---	7.4	7.1	7.2	6.8	7.7	6.1
7	7.3	7.2	7.4	7.2	---	---	7.1	7.0	7.0	6.3	7.7	7.2
8	7.4	7.2	7.4	7.2	---	---	7.1	6.8	6.4	6.1	7.2	5.9
9	7.4	7.3	7.6	7.4	7.1	6.9	6.9	6.2	6.8	6.3	5.9	5.6
10	7.5	7.4	7.7	7.4	7.2	6.9	6.9	6.3	6.8	6.1	6.0	5.6
11	7.5	7.4	7.5	7.3	7.2	7.1	6.4	6.2	6.3	5.9	7.3	5.9
12	7.6	7.4	7.6	7.3	7.3	7.1	6.8	6.3	6.0	5.7	7.3	6.7
13	7.5	7.3	7.4	7.2	7.1	7.0	6.5	5.0	6.0	5.5	7.2	7.0
14	7.4	7.3	7.3	7.2	7.1	7.1	6.3	5.9	6.3	5.8	7.4	7.1
15	7.4	7.3	7.3	7.2	7.1	6.9	5.9	5.4	6.2	5.9	7.4	6.9
16	7.4	7.2	7.2	7.1	7.0	6.9	5.8	5.3	5.9	5.7	7.2	7.0
17	7.3	7.3	7.2	7.1	7.0	6.6	6.1	5.9	7.1	5.7	7.2	7.1
18	7.4	7.3	7.3	7.1	7.0	6.5	6.1	5.9	7.3	6.6	7.2	7.0
19	7.5	7.4	7.4	7.1	6.6	6.4	6.4	6.0	6.7	6.3	7.0	6.9
20	7.5	7.3	7.5	7.1	6.4	6.0	6.3	6.1	6.6	6.3	7.1	6.9
21	7.5	7.4	7.4	7.1	6.3	5.9	6.0	5.7	7.1	6.3	7.1	7.0
22	7.6	7.4	7.4	7.2	6.4	5.8	6.4	5.6	6.8	6.7	7.1	6.9
23	7.4	7.3	7.3	7.1	6.3	5.7	6.7	6.2	6.8	6.7	7.1	6.8
24	7.4	7.3	7.7	7.1	6.0	5.8	6.4	6.2	6.7	6.5	7.0	6.7
25	7.4	7.2	7.5	7.2	6.1	5.9	6.3	5.6	6.6	6.4	7.0	6.7
26	7.4	7.3	7.2	7.1	6.1	5.7	5.9	5.6	6.6	6.3	7.2	6.9
27	7.3	7.2	7.3	7.0	6.3	6.1	5.8	5.6	6.6	6.4	7.1	6.8
28	7.3	7.2	7.2	7.0	6.5	6.1	5.9	5.4	6.7	6.4	7.2	6.8
29	7.4	7.2	7.0	7.0	6.9	6.0	6.1	5.6	6.8	6.4	7.3	7.2
30	7.4	7.2	7.1	6.9	7.1	6.8	6.4	6.0	6.6	6.5	7.3	7.2
31	---	---	7.1	6.9	---	---	6.5	6.0	6.7	5.9	---	---
MONTH	7.6	7.2	7.7	6.9	7.3	5.7	7.7	5.0	7.3	5.5	7.7	5.6
YEAR	7.9	5.0										

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	29.5	27.0	28.5	19.0	17.0	18.0	16.0	12.5	14.5	6.5	5.0	6.0
2	29.5	27.0	28.5	19.0	17.0	18.0	15.5	10.5	13.5	---	---	---
3	30.0	27.0	28.5	19.5	17.5	18.5	13.0	10.0	11.0	10.5	5.0	6.5
4	29.0	27.0	28.0	19.0	17.5	18.5	13.5	9.0	10.5	5.5	4.5	5.0
5	29.0	27.0	28.0	19.5	17.5	18.5	14.5	8.5	11.5	8.5	4.0	6.0
6	28.5	26.5	27.5	20.0	17.5	19.0	10.5	8.0	9.0	9.0	5.5	7.0
7	27.0	25.5	26.5	21.0	17.5	19.5	11.0	7.0	9.5	7.5	5.5	6.5
8	26.0	24.5	25.5	22.0	20.0	21.0	9.5	7.0	7.5	6.0	4.5	5.0
9	26.5	24.5	25.5	23.0	21.0	22.0	14.5	10.5	12.5	8.5	4.0	6.0
10	26.0	23.0	25.0	22.0	19.0	20.5	14.0	10.5	12.0	6.5	5.5	6.0
11	24.5	23.0	23.5	19.5	18.0	18.5	13.0	11.0	11.5	6.5	5.5	6.0
12	23.5	21.5	22.5	20.0	17.0	18.5	12.0	11.0	11.5	8.5	5.0	6.5
13	24.0	22.0	23.0	18.0	14.0	17.0	11.0	9.5	10.5	8.5	6.0	7.0
14	24.5	23.5	24.0	18.0	13.5	15.5	10.5	8.0	9.0	9.0	6.0	7.5
15	24.0	22.0	23.5	18.5	14.5	17.0	11.5	8.0	9.5	8.0	6.0	7.0
16	22.5	20.5	22.0	15.5	12.5	15.0	11.5	7.5	9.5	8.0	7.0	7.5
17	21.0	19.0	20.0	14.5	11.0	12.5	9.0	7.5	8.5	8.0	7.5	8.0
18	21.0	19.5	20.5	16.0	13.0	14.5	9.5	8.0	9.0	8.0	7.5	7.5
19	21.0	19.0	20.0	15.5	13.0	14.5	10.5	7.5	8.5	8.0	7.0	7.5
20	20.0	19.0	19.5	17.0	12.5	14.0	10.0	8.0	9.0	8.5	6.5	7.0
21	21.5	18.5	20.0	17.0	15.0	16.0	9.0	7.5	8.5	6.5	6.0	6.5
22	21.0	19.0	20.0	15.5	13.5	14.5	8.5	6.5	7.5	7.5	5.5	6.5
23	20.0	18.0	19.0	14.5	13.0	13.5	9.5	7.0	8.5	7.5	4.0	5.0
24	22.0	17.5	19.0	15.5	11.0	12.5	10.5	7.0	9.0	5.0	3.0	4.0
25	23.0	20.0	21.5	17.0	14.5	16.0	11.5	7.0	9.0	5.5	3.5	4.0
26	23.0	21.0	22.0	17.5	15.0	16.0	11.5	7.0	8.5	6.0	3.5	4.5
27	23.0	21.0	22.0	16.0	14.5	15.5	10.5	8.0	9.0	6.0	3.0	4.5
28	21.5	19.0	20.0	16.0	14.0	15.0	9.0	7.5	8.0	5.0	3.5	4.0
29	19.5	17.0	18.0	17.5	12.5	14.5	11.5	7.0	9.0	7.0	4.0	5.0
30	19.5	17.5	18.5	17.0	12.5	15.5	11.5	6.5	9.5	7.5	5.5	6.5
31	19.0	17.5	18.5	---	---	---	9.0	5.5	7.0	7.0	6.0	6.5
MONTH	30.0	17.0	23.0	23.0	11.0	16.5	16.0	5.5	9.5	10.5	3.0	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	7.0	5.5	6.0	14.0	12.0	13.0	20.0	16.5	17.5
2	7.0	6.0	6.5	7.5	6.0	6.5	13.0	12.5	13.0	21.5	17.0	19.0
3	7.5	6.5	7.0	8.0	7.0	7.5	12.5	12.0	12.5	22.0	18.5	20.0
4	8.0	7.0	7.5	9.0	8.0	8.5	12.0	11.0	11.5	23.0	18.5	20.5
5	9.0	7.5	8.0	9.0	8.0	8.5	11.5	10.5	11.0	21.0	18.0	19.5
6	9.5	7.5	8.0	10.0	8.0	9.0	11.5	10.5	11.0	22.0	19.5	20.0
7	8.0	7.5	7.5	10.0	8.5	9.5	12.0	11.0	11.5	22.0	19.0	20.0
8	9.0	7.5	8.0	10.5	9.5	10.0	13.5	12.0	12.5	21.5	18.5	20.0
9	---	---	---	11.0	10.0	10.5	14.0	12.5	13.5	21.5	19.0	20.0
10	9.0	6.5	7.5	11.0	10.0	10.5	15.5	13.0	14.5	23.0	20.0	21.5
11	7.5	6.5	7.0	10.0	9.5	10.0	16.5	14.5	15.5	23.0	21.0	22.0
12	8.5	6.5	8.0	10.0	9.0	9.5	17.5	15.0	16.0	22.5	21.0	22.0
13	8.5	7.0	7.5	10.5	8.5	9.5	18.0	14.5	17.0	22.5	20.0	21.0
14	8.5	7.5	8.0	10.5	9.0	9.5	18.0	14.5	16.5	22.0	20.0	21.5
15	9.0	8.5	8.5	11.5	9.5	10.5	17.5	12.5	16.0	23.5	20.0	21.5
16	10.0	8.0	9.0	12.0	10.0	11.0	17.0	12.5	14.5	24.0	21.0	22.5
17	8.5	5.5	7.0	11.5	10.5	11.0	15.5	14.0	14.5	24.5	20.5	22.5
18	6.5	5.5	5.5	11.0	10.5	11.0	16.5	14.5	15.5	25.0	20.5	22.0
19	8.5	5.5	6.5	10.5	10.0	10.5	17.0	14.5	15.5	24.5	20.5	22.0
20	7.0	6.0	6.0	11.0	10.0	10.5	19.0	16.0	17.0	26.0	21.5	23.5
21	9.5	6.5	7.5	11.5	10.5	11.0	18.0	15.0	16.0	25.5	21.5	23.5
22	9.0	7.0	7.5	12.5	11.5	12.0	20.5	15.0	17.0	25.5	23.5	24.0
23	8.0	7.0	7.5	14.0	12.0	13.0	18.0	15.5	16.5	25.0	21.5	23.5
24	9.0	7.5	8.0	13.5	12.5	13.0	19.5	16.0	17.5	25.5	22.0	24.0
25	8.5	7.5	8.0	13.5	13.0	13.5	18.0	15.5	16.5	27.0	23.5	25.0
26	8.5	8.0	8.0	14.5	13.0	14.0	18.5	17.0	18.0	25.5	22.5	23.5
27	9.5	7.5	8.5	14.5	14.0	14.5	18.5	17.0	17.5	25.5	22.5	23.5
28	9.0	6.0	6.5	16.0	14.5	15.0	19.0	16.5	17.5	25.0	23.0	23.5
29	---	---	---	16.0	15.5	15.5	19.5	16.0	17.5	25.5	22.0	23.5
30	---	---	---	16.5	15.5	16.0	20.0	16.5	18.0	26.5	22.0	24.0
31	---	---	---	16.0	11.5	15.0	---	---	---	26.5	23.0	24.0
MONTH	10.0	5.5	7.5	16.5	5.5	11.0	20.5	10.5	15.0	27.0	16.5	22.0

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	23.0	24.5	26.0	24.0	25.5	29.5	28.0	28.5	27.0	26.0	26.5
2	26.5	22.5	23.5	25.5	24.5	25.0	29.5	28.5	29.0	27.5	26.0	26.5
3	25.5	21.5	24.0	27.0	24.5	26.0	31.0	29.0	29.5	28.0	25.5	27.0
4	26.5	23.0	25.0	27.5	25.5	26.5	30.0	29.0	29.5	28.0	26.0	27.0
5	27.5	23.5	25.0	28.0	25.5	26.5	30.5	29.0	29.5	26.0	24.5	25.0
6	28.0	24.0	26.0	29.0	25.5	27.0	29.5	24.0	29.0	26.5	25.0	26.0
7	29.0	26.0	27.5	29.0	26.0	27.5	29.5	28.5	29.0	---	---	---
8	28.0	24.5	26.5	29.5	26.0	27.5	30.0	29.0	29.5	---	---	---
9	27.0	23.5	25.5	29.0	27.0	28.0	29.5	29.0	29.5	---	---	---
10	27.0	22.0	25.0	29.5	27.0	28.0	29.5	29.0	29.0	---	---	---
11	25.5	24.0	25.0	30.5	27.5	29.0	29.0	28.5	29.0	---	---	---
12	27.5	24.0	25.0	29.5	27.5	28.5	29.0	28.5	28.5	---	---	---
13	24.5	23.5	24.0	30.5	27.5	29.0	29.0	22.0	26.5	---	---	---
14	25.5	23.5	24.5	30.0	28.0	29.0	29.0	26.5	28.0	---	---	---
15	26.0	24.5	25.0	29.5	28.0	28.5	28.5	28.0	28.0	---	---	---
16	26.0	24.0	25.0	29.5	28.0	28.5	28.5	27.5	28.0	---	---	---
17	24.0	23.0	23.5	28.5	28.0	28.0	29.5	28.0	28.5	27.0	26.0	26.5
18	25.0	23.0	23.5	29.0	27.5	28.0	29.5	28.0	28.5	27.5	26.5	27.0
19	26.5	23.0	25.0	30.0	27.5	28.5	29.5	28.5	29.0	27.0	26.5	26.5
20	27.0	24.0	25.5	29.0	28.0	28.5	29.5	28.5	29.0	26.5	26.0	26.5
21	25.5	22.5	23.5	29.5	28.0	28.5	30.0	28.0	28.5	27.0	26.0	26.5
22	26.0	23.5	24.0	30.0	28.0	29.0	28.5	27.5	28.0	26.5	25.5	26.0
23	26.0	23.0	24.0	29.0	27.5	28.5	28.5	27.0	28.0	25.5	25.0	25.0
24	26.5	23.5	24.5	29.5	28.0	28.5	28.0	27.0	27.5	26.0	24.0	25.0
25	25.0	24.5	24.5	29.0	28.0	28.5	27.5	26.5	27.0	26.0	24.5	25.0
26	26.0	24.0	25.5	29.5	27.5	28.5	28.5	27.0	27.5	25.5	24.5	25.0
27	27.5	25.0	26.0	29.5	28.5	29.0	28.5	27.0	27.5	25.5	25.0	25.5
28	27.0	25.0	26.0	29.5	28.5	28.5	28.5	27.5	28.0	25.0	24.5	25.0
29	26.5	24.0	25.0	30.0	28.0	29.0	28.5	27.5	28.0	25.5	24.5	25.0
30	27.0	23.5	25.0	29.0	28.0	28.5	28.0	27.5	27.5	26.0	25.0	25.5
31	---	---	---	29.0	28.5	28.5	27.5	27.0	27.0	---	---	---
MONTH	29.0	21.5	25.0	30.5	24.0	28.0	31.0	22.0	28.5	28.0	24.0	26.0
YEAR	31.0	3.0	18.0									

02160991 BROAD RIVER NEAR JENKINSVILLE, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.3	5.1	5.6	7.8	7.1	7.5	9.6	8.8	9.1	11.9	11.3	11.6
2	6.1	4.8	5.5	7.9	7.5	7.7	10.0	8.8	9.3	---	---	---
3	6.6	5.0	5.7	8.1	7.6	7.8	10.3	9.5	10.0	11.7	10.0	11.3
4	6.1	5.0	5.6	8.0	7.6	7.8	10.5	9.5	10.2	11.9	11.5	11.7
5	6.5	5.6	6.0	7.9	7.3	7.5	10.5	8.9	10.0	12.0	10.4	11.5
6	6.9	6.0	6.4	7.7	6.8	7.4	10.8	10.3	10.6	11.6	10.3	11.1
7	7.2	6.4	6.8	7.6	7.1	7.4	11.2	9.8	10.4	12.1	11.2	11.6
8	7.4	6.7	7.0	7.6	7.1	7.3	11.3	10.3	11.0	12.5	11.8	12.2
9	7.3	6.6	7.1	8.0	7.2	7.5	10.3	9.0	9.6	12.5	11.0	12.0
10	7.2	6.5	6.8	7.7	7.2	7.5	10.5	9.7	10.1	12.2	11.7	12.0
11	7.3	6.7	6.9	7.8	7.6	7.7	10.4	9.5	10.1	12.0	11.6	11.9
12	6.9	6.3	6.7	8.0	7.7	7.7	10.2	9.9	10.1	11.9	10.8	11.5
13	6.9	6.1	6.4	8.6	7.7	8.0	10.2	9.8	10.0	11.7	10.8	11.3
14	6.6	6.1	6.3	8.7	8.1	8.5	10.6	10.1	10.3	11.7	10.7	11.2
15	6.4	5.9	6.2	8.6	7.8	8.2	10.6	9.5	10.3	11.9	11.5	11.7
16	6.4	5.9	6.1	9.3	8.4	8.6	11.1	9.4	10.4	11.8	11.2	11.6
17	6.4	5.9	6.2	9.7	8.8	9.3	11.3	10.7	11.0	11.5	11.1	11.3
18	6.4	6.0	6.1	9.4	8.2	8.8	11.1	10.7	10.9	11.1	11.0	11.1
19	6.5	5.8	6.1	9.4	8.5	8.9	11.1	10.0	10.6	11.4	11.1	11.3
20	6.3	5.9	6.1	9.4	8.3	9.0	10.7	10.3	10.4	11.7	11.1	11.4
21	6.5	5.9	6.2	8.6	8.0	8.3	10.8	10.3	10.6	12.0	11.6	11.7
22	6.9	6.0	6.3	8.9	8.2	8.5	11.0	10.5	10.8	11.7	11.2	11.5
23	7.2	6.1	6.4	9.1	8.6	8.9	10.9	9.9	10.3	12.3	11.0	11.8
24	7.1	6.3	6.6	9.5	8.8	9.3	11.3	10.2	10.5	12.5	12.1	12.3
25	7.1	6.5	6.8	9.1	8.3	8.6	11.6	9.9	10.7	12.6	11.9	12.5
26	7.1	6.6	6.8	9.1	8.5	8.8	11.5	9.6	11.1	12.4	11.6	12.0
27	7.2	6.8	7.0	8.8	8.3	8.6	11.0	10.0	10.6	12.6	11.7	12.3
28	7.5	6.7	7.2	9.1	8.3	8.7	11.0	10.4	10.7	12.6	12.2	12.5
29	7.5	7.0	7.4	9.2	8.4	9.0	11.2	9.6	10.4	12.4	11.5	12.1
30	7.5	6.9	7.4	9.2	8.0	8.6	11.2	9.6	10.1	12.2	11.4	12.0
31	7.5	7.1	7.2	---	---	---	11.5	10.8	11.1	12.0	11.4	11.8
MONTH	7.5	4.8	6.5	9.7	6.8	8.3	11.6	8.8	10.4	12.6	10.0	11.7

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.5	6.0	6.3	6.7	5.8	6.2	6.2	5.5	5.7	6.6	5.5	6.1
2	6.7	5.9	6.3	6.3	5.2	6.0	6.4	5.2	5.7	6.6	5.3	5.9
3	6.4	6.0	6.2	7.3	5.6	6.2	6.2	4.7	5.6	6.3	5.4	5.8
4	6.5	6.2	6.3	7.7	5.7	6.8	5.8	4.7	5.1	6.8	5.9	6.3
5	6.7	6.2	6.4	8.1	6.3	6.9	6.8	4.6	5.5	7.0	6.4	6.8
6	7.1	6.4	6.8	7.2	5.8	6.5	6.2	5.2	5.6	6.7	6.2	6.5
7	7.2	5.7	6.3	6.8	5.8	6.3	6.0	5.4	5.6	7.2	6.2	6.6
8	6.6	6.0	6.2	6.5	5.6	6.0	6.4	5.1	5.7	7.2	6.1	6.5
9	6.3	5.8	6.1	6.6	5.2	5.8	8.3	5.8	6.7	7.3	6.1	6.5
10	6.5	5.7	6.1	6.7	5.3	6.0	7.1	5.4	6.1	7.3	6.3	6.7
11	6.4	6.0	6.2	7.7	5.7	6.5	5.7	4.9	5.3	7.4	6.5	6.9
12	6.0	5.4	5.8	7.8	5.7	6.6	6.7	5.6	6.1	7.8	6.8	7.3
13	6.1	5.6	5.9	7.0	5.2	6.3	7.3	5.8	6.4	7.4	7.0	7.2
14	6.3	5.8	6.0	6.2	5.4	5.8	7.2	5.9	6.5	7.6	6.9	7.2
15	6.0	5.2	5.6	6.8	5.4	6.0	7.0	6.3	6.7	7.5	6.3	7.0
16	6.4	5.4	5.9	7.2	5.3	6.2	7.6	6.8	7.1	7.2	6.0	6.6
17	6.3	5.0	5.6	6.2	5.5	5.9	8.0	6.3	7.0	8.0	6.3	7.1
18	6.5	5.7	6.2	6.8	5.4	6.1	8.3	6.1	6.8	7.8	6.8	7.2
19	6.7	6.2	6.4	8.0	6.0	6.9	7.3	6.0	6.4	7.5	7.1	7.3
20	6.5	6.1	6.3	6.6	5.6	6.1	7.7	5.7	6.5	7.9	6.8	7.3
21	6.7	5.9	6.3	6.4	5.4	5.8	7.9	5.9	6.7	9.0	7.5	7.9
22	6.3	5.7	6.1	6.6	5.5	5.9	8.1	5.8	6.8	8.7	7.3	8.0
23	6.0	5.3	5.7	6.5	5.4	5.8	7.9	6.0	7.0	8.9	7.5	8.2
24	6.4	4.9	5.7	5.8	5.0	5.4	7.4	6.4	6.8	9.3	8.4	8.7
25	6.7	5.7	6.0	5.6	4.8	5.2	6.8	6.0	6.3	8.4	7.3	7.8
26	6.1	5.5	5.8	6.4	5.1	5.6	7.1	5.7	6.2	8.6	7.3	7.8
27	7.2	5.8	6.3	6.7	5.2	5.9	6.8	5.3	6.1	8.8	7.0	7.7
28	6.8	6.1	6.4	6.0	5.1	5.5	6.8	5.1	5.9	8.9	6.8	7.5
29	7.0	5.8	6.3	6.7	5.3	5.8	7.5	5.5	6.3	7.7	6.8	7.3
30	6.8	5.9	6.3	5.9	5.2	5.6	7.1	6.0	6.4	7.0	6.1	6.6
31	---	---	---	5.9	5.1	5.4	6.5	5.8	6.2	---	---	---
MONTH	7.2	4.9	6.1	8.1	4.8	6.0	8.3	4.6	6.2	9.3	5.3	7.1
YEAR	13.0	4.6	8.4									

02161000 BROAD RIVER AT ALSTON, SC

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

DRAINAGE AREA.--4,790 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.--Records good, except for estimated daily discharges: Jan. 2, 22-28 which are fair. Regulation at low and median flow by powerplants above station.

AVERAGE DISCHARGE.--7 years, 5,714 ft^3/s, 16.20 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, 108,000 ft^3/s, Mar. 3, gage height 25.90 ft; minimum daily, 968 ft^3/s, Sept. 23.

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	1980	1320	11100	10600	7420	59000	15400	5000	3320	3440	2660	1150
2	1260	1800	5050	25000	7840	94700	13300	4610	3540	1840	2180	1230
3	2310	3110	15500	16700	9080	96300	10600	4750	2920	1830	1910	1380
4	1810	4520	14000	5600	10000	44800	11100	4580	3500	3230	1460	1200
5	1290	4960	11800	5870	11000	24300	11300	4800	4480	4600	2900	1600
6	1300	3650	7940	7060	10200	14600	9500	4790	4550	4730	2970	1990
7	1310	1270	5130	5710	5200	8120	9340	4870	4630	4910	2550	5070
8	1290	2270	4620	4930	4950	11200	8590	5550	3360	4730	2120	14500
9	1930	2780	4340	7700	8880	7280	8990	4650	2480	2540	3220	6400
10	3990	3090	4650	5400	4980	12200	8100	4630	2480	1910	4600	6320
11	3750	4750	9410	4950	5030	8990	5800	1970	3420	2830	1390	5570
12	1380	4700	10100	5020	4870	8310	5060	3700	2990	3840	1700	3190
13	1310	4890	11600	4720	4730	9490	5540	4760	2560	3440	2830	13600
14	1770	6760	8710	5290	4750	7840	5160	4770	4620	2830	2870	10100
15	4000	4990	5120	5280	4800	4770	7570	4780	2920	2510	1380	4720
16	4740	4720	5170	5020	9960	4640	5830	4430	2740	3050	1270	2350
17	4880	5010	6060	4880	5050	7890	7740	4060	2750	1800	1640	1960
18	2670	4910	6040	4550	6610	6410	7020	3960	4040	2110	2110	2250
19	1290	3590	7150	19000	9790	7290	5390	3900	4620	2730	1250	1200
20	1290	4150	5360	30400	8500	8070	4570	4070	5080	1830	1420	3420
21	1610	3600	4580	19700	8070	8630	8100	4000	7800	2120	2060	2590
22	2720	5480	4590	21900	4890	7900	6650	3860	8990	3230	1580	2980
23	3360	4590	4680	16500	5160	5620	5260	3980	4460	2870	1870	968
24	5170	4580	7390	15000	6200	6810	5090	3940	2870	1760	1890	1520
25	5100	4600	21900	9700	6870	7310	5050	3980	2330	1540	1460	1810
26	3350	10200	27900	13700	10400	7660	10900	2520	5820	1520	1150	1400
27	5190	11000	12900	14600	12800	9210	7060	2130	4770	1500	1130	1260
28	9990	19400	11200	9400	31300	10900	6230	4160	4860	1480	1100	1560
29	4320	14900	8380	12200	---	11700	4950	4880	4850	2250	1090	2300
30	1010	6250	4660	8200	---	13400	4460	4700	4970	3080	1100	2250
31	1320	---	8450	5620	---	17700	---	2760	---	2300	1170	---
TOTAL	88690	161840	275480	330200	229330	553040	229650	129540	122720	84380	60030	107838
MEAN	2861	5395	8886	10650	8190	17840	7655	4179	4091	2722	1936	3595
MAX	9990	19400	27900	30400	31300	96300	15400	5550	8990	4910	4600	14500
MIN	1010	1270	4340	4550	4730	4640	4460	1970	2330	1480	1090	968

CAL YR 1986 TOTAL 1460640 MEAN 4002 MAX 36300 MIN 801
WTR YR 1987 TOTAL 2372740 MEAN 6501 MAX 96300 MIN 968

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.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,200 ft^3/s, Feb. 28, gage height, 7.20 ft; minimum, 0.84 ft^3/s, Aug. 30,31, gage height, 0.89 ft.

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	1.8	2.2	27	190	20	495	50	6.5	2.4	2.7	1.5	1.9
2	1.8	2.9	85	128	19	103	35	5.7	2.6	2.6	1.9	1.2
3	1.7	2.6	62	44	18	52	29	5.2	2.3	2.8	1.5	1.1
4	1.7	2.4	31	30	15	37	26	5.0	8.6	8.5	2.0	1.0
5	1.6	2.5	23	25	13	27	21	4.7	11	6.2	1.4	2.2
6	1.5	2.5	19	21	12	21	18	4.6	3.4	2.9	1.4	8.9
7	1.4	2.4	16	19	80	17	16	4.7	2.7	2.6	3.7	53
8	1.4	2.5	14	17	39	21	14	4.4	2.4	2.4	2.9	13
9	5.0	2.6	16	15	23	31	12	4.0	2.3	2.2	14	2.6
10	5.1	2.3	38	15	18	29	11	3.8	2.3	2.1	1.8	41
11	4.6	2.2	36	13	16	18	10	3.6	4.9	2.0	5.3	50
12	2.8	2.9	95	11	15	17	9.2	3.5	3.7	1.9	1.9	58
13	2.4	3.7	75	10	13	15	8.5	3.5	2.8	1.9	1.5	9.7
14	6.9	2.5	36	9.3	12	12	8.1	6.0	3.9	1.8	1.4	3.7
15	3.3	5.4	28	9.4	11	10	11	4.1	3.0	1.6	1.3	2.2
16	2.4	7.4	23	9.2	19	8.6	13	3.8	3.1	1.5	1.4	1.9
17	2.2	5.1	20	11	23	7.3	32	3.5	3.6	1.5	1.3	1.8
18	2.1	5.1	17	95	27	7.1	17	3.3	2.8	1.5	1.3	1.7
19	2.0	3.9	14	369	20	20	13	3.1	95	1.4	1.2	1.6
20	1.9	18	12	109	16	14	11	3.1	14	1.4	1.2	1.6
21	2.0	31	10	49	15	10	9.6	3.2	7.2	1.4	1.1	1.5
22	2.0	15	8.8	377	15	7.9	8.7	3.2	4.2	1.3	1.1	1.4
23	1.9	10	9.3	179	17	6.9	8.3	3.0	3.5	1.4	1.1	1.4
24	1.9	8.6	132	62	13	6.5	9.4	2.9	3.3	1.7	1.0	1.3
25	2.3	289	89	80	12	10	8.9	2.8	6.2	1.5	.97	1.3
26	3.3	272	34	181	12	10	7.7	2.6	7.6	1.5	1.0	1.3
27	2.7	214	24	60	184	32	6.9	3.0	3.6	1.4	.99	1.3
28	2.2	50	19	40	687	122	7.7	2.8	3.0	1.4	.95	1.2
29	2.1	31	16	31	---	44	6.5	2.7	2.8	1.6	.88	1.2
30	2.1	24	14	27	---	166	6.2	2.6	2.6	1.6	.88	1.3
31	2.1	---	12	23	---	99	---	2.4	---	1.7	1.4	---
TOTAL	78.2	1025.7	1055.1	2258.9	1384	1476.3	444.7	117.3	220.8	68.0	61.27	271.3
MEAN	2.52	34.2	34.0	72.9	49.4	47.6	14.8	3.78	7.36	2.19	1.98	9.04
MAX	6.9	289	132	377	687	495	50	6.5	95	8.5	14	58
MIN	1.4	2.2	8.8	9.2	11	6.5	6.2	2.4	2.3	1.3	.88	1.0

CAL YR 1986 TOTAL 5248.87 MEAN 14.4 MAX 316 MIN 1.1
WTR YR 1987 TOTAL 8461.49 MEAN 23.2 MAX 687 MIN .88

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; Feburary 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. 7, Jan. 3-9, Mar. 16-17, Apr. 4-8 and Apr. 26-30, which are poor.

AVERAGE DISCHARGE.--18 years (water years 1968-83, 1986, 1987), 47.7 ft^3/s, 13.25 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,870 ft^3/s, Jul. 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)
Jan. 1	1545	1420	9.09	Jan. 19	1315	*2550	*13.53
Jan. 22	1230	2350	12.78	Feb. 28	0345	1220	8.27
Feb. 28	1650	1620	9.89	Mar. 1	0630	2240	12.35
Mar. 28	0145	1040	7.58	Sept. 8	0115	1710	10.35
Sept. 12	0400	2250	12.39				

Minimum, undetermined (probably less than 0.1 ft^3/s), Oct. 7-8, gage height, 2.13 ft.

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	.35	6.3	32	620	31	1230	99	15	7.9	4.7	2.7	21
2	.14	4.1	88	232	32	210	64	24	5.3	2.0	2.7	6.1
3	.10	3.5	74	78	31	92	56	16	4.3	4.1	2.6	6.4
4	.08	2.9	29	46	27	61	53	19	115	47	2.7	4.9
5	.08	2.7	18	37	25	48	50	21	66	22	2.6	12
6	.08	2.6	13	30	24	44	50	15	30	8.2	2.3	21
7	.07	3.5	9.4	27	35	42	49	14	16	5.3	6.3	202
8	71	3.2	7.1	25	32	50	37	14	8.8	4.2	3.4	335
9	320	3.0	7.6	20	25	80	29	14	6.1	3.4	3.3	29
10	73	2.9	19	59	23	67	26	13	4.6	3.6	3.4	73
11	69	2.8	33	53	22	44	25	13	4.7	4.1	6.3	133
12	14	7.0	158	30	22	41	25	13	6.6	4.2	5.3	944
13	5.3	8.1	101	23	21	41	24	13	8.3	4.6	4.5	224
14	7.1	4.1	35	20	20	40	23	12	12	4.2	3.7	43
15	4.9	69	23	19	20	39	109	11	9.8	3.5	3.4	24
16	3.4	32	18	18	92	38	64	11	7.7	3.3	3.3	22
17	2.8	14	15	28	83	37	39	9.6	7.9	3.5	3.2	21
18	2.5	14	12	118	57	39	33	9.2	8.5	2.7	3.1	21
19	2.2	7.3	10	1600	38	83	28	8.9	9.1	2.6	2.8	20
20	2.2	134	7.9	273	29	55	24	8.5	6.5	2.5	2.5	19
21	2.2	97	6.6	108	25	41	22	14	5.4	2.5	3.1	19
22	2.1	24	5.8	1330	28	39	19	9.3	4.8	2.4	2.8	19
23	2.2	13	7.2	280	65	39	18	8.5	4.3	2.4	2.5	11
24	2.2	7.9	48	106	37	38	17	7.6	4.0	2.4	2.2	4.8
25	4.1	34	47	132	28	135	16	6.1	4.1	2.4	2.2	4.7
26	3.3	33	22	236	35	96	14	7.7	6.7	2.4	2.2	4.4
27	2.7	18	16	93	460	163	14	7.1	21	2.3	2.2	5.4
28	2.5	11	13	65	1220	494	14	5.6	5.9	2.2	2.1	5.4
29	2.4	6.5	13	48	---	120	13	4.9	3.2	2.2	2.1	6.2
30	2.4	9.6	12	42	---	364	13	4.7	2.8	2.2	2.4	7.7
31	2.4	---	10	36	---	226	---	9.5	---	2.5	19	---
TOTAL	606.80	581.0	910.6	5832	2587	4136	1067	359.2	407.3	165.6	112.9	2269.0
MEAN	19.6	19.4	29.4	188	92.4	133	35.6	11.6	13.6	5.34	3.64	75.6
MAX	320	134	158	1600	1220	1230	109	24	115	47	19	944
MIN	.07	2.6	5.8	18	20	37	13	4.7	2.8	2.0	2.1	4.4

CAL YR 1986 TOTAL 5822.85 MEAN 16.0 MAX 462 MIN .07
WTR YR 1987 TOTAL 19034.25 MEAN 52.1 MAX 1600 MIN .07

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. Elevation of gage is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, Jan. 30 to Apr. 1 and Apr. 22 to May 12, which are poor.

AVERAGE DISCHARGE.--11 years, 9.28 ft^3/s, 22.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,950 ft^3/s, Jul. 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, 1,730 ft^3/s, Sept. 10, gage height, 10.14 ft; minimum, 1.1 ft^3/s, Oct. 4-8, gage height, 0.44 ft.

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	1.6	18	22	93	7.2	250	19	3.4	35	6.6	4.9	3.4
2	1.5	2.6	29	10	7.0	18	8.5	3.4	7.1	20	2.1	1.9
3	1.4	2.0	8.8	6.8	6.8	14	12	3.5	3.3	45	1.9	1.9
4	1.3	1.9	6.1	6.0	6.2	11	6.9	15	131	52	1.9	5.1
5	1.2	1.9	4.9	5.0	5.6	9.0	6.3	20	15	9.7	2.0	66
6	1.2	1.8	4.3	4.5	5.0	7.0	5.8	6.0	4.0	5.2	15	10
7	1.2	1.8	4.1	4.3	8.0	5.6	5.3	4.0	3.4	3.6	48	12
8	29	1.9	3.9	4.1	5.4	17	5.2	3.5	3.2	3.6	10	2.9
9	122	2.0	4.3	4.0	5.0	19	4.9	3.4	3.2	3.1	3.8	2.4
10	60	1.9	5.4	7.3	4.5	17	4.6	3.4	2.9	3.0	2.6	188
11	6.1	2.0	14	3.3	4.0	11	4.4	3.4	3.0	3.4	12	7.7
12	3.8	174	33	3.1	6.0	10	4.3	3.4	3.1	6.7	2.5	29
13	4.4	8.5	6.8	3.1	5.0	8.0	4.0	4.0	4.6	2.4	2.3	7.1
14	17	5.3	5.4	3.2	4.5	6.2	4.0	8.2	3.0	2.0	2.0	3.9
15	2.8	66	5.0	6.2	3.5	5.0	14	2.6	7.3	2.1	2.2	3.1
16	2.5	8.5	4.7	17	20	7.0	4.3	2.0	7.3	2.4	2.0	2.8
17	2.3	11	4.4	9.5	15	10	5.7	2.0	2.9	2.8	2.0	2.7
18	3.4	5.8	4.3	88	12	3.5	4.3	2.0	4.3	2.8	2.0	2.3
19	1.9	5.0	3.9	200	9.0	8.0	3.9	2.0	14	2.5	2.7	2.1
20	1.9	69	3.7	18	7.0	3.0	3.9	2.0	3.3	2.3	2.2	2.7
21	1.9	10	3.5	20	5.0	6.0	3.6	2.0	2.5	2.3	2.3	1.9
22	2.1	6.8	3.5	190	7.0	4.0	3.5	2.1	2.3	2.0	2.4	1.8
23	1.7	5.8	6.0	19	9.0	2.5	3.4	1.9	2.3	2.1	2.4	1.8
24	1.7	5.5	23	13	7.0	3.5	7.0	2.0	2.1	2.0	2.2	1.8
25	12	15	4.3	53	5.0	9.0	5.0	1.9	87	1.9	2.2	1.9
26	4.3	7.3	3.7	17	5.0	20	4.5	1.9	82	1.8	2.4	1.7
27	1.9	5.0	3.6	13	15	60	4.0	1.9	17	1.7	2.5	1.7
28	1.9	4.4	3.5	10	70	100	3.7	1.9	4.3	48	2.3	1.7
29	1.8	4.3	3.3	9.1	---	20	3.5	2.0	3.3	25	2.1	1.7
30	1.7	25	3.0	8.0	---	40	3.4	1.8	3.3	3.4	18	15
31	1.7	---	2.8	7.5	---	25	---	1.7	---	2.9	23	---
TOTAL	299.2	480.0	238.2	856.0	269.7	729.3	172.9	118.3	467.0	274.3	185.9	388.0
MEAN	9.65	16.0	7.68	27.6	9.63	23.5	5.76	3.82	15.6	8.85	6.00	12.9
MAX	122	174	33	200	70	250	19	20	131	52	48	188
MIN	1.2	1.8	2.8	3.1	3.5	2.5	3.4	1.7	2.1	1.7	1.9	1.7

CAL YR 1986 TOTAL 2774.4 MEAN 7.60 MAX 201 MIN .82
WTR YR 1987 TOTAL 4478.8 MEAN 12.3 MAX 250 MIN 1.2

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 miles above confluence of Broad and Saluda Rivers and 3.0 miles northwest of Columbia, and at mile 177.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--October 1986 to September 1987. Data prior to October 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Elevation of gage is 142 ft above National Geodetic Vertical Datum of 1929, (from topographic map).

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.34 ft, Mar. 3, minimum gage height, 5.91 ft, Jun. 18.

GAGE HEIGHT (FFET) WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8.96	7.17	8.25	7.06	12.96	10.80	12.40	11.26	11.27	10.04	17.55	15.68
2	8.78	7.05	8.69	7.08	11.96	10.43	13.34	12.14	11.29	10.14	19.13	17.57
3	7.58	7.06	9.37	7.07	13.24	10.46	13.07	11.67	11.23	10.85	19.34	18.43
4	9.90	7.06	10.30	8.98	13.28	11.24	11.73	10.14	11.33	10.99	18.47	14.40
5	9.25	7.05	10.12	9.57	12.53	10.79	10.34	10.03	11.51	11.19	14.41	12.92
6	7.43	7.04	10.23	9.56	11.22	10.39	10.85	10.05	11.78	10.72	13.45	10.88
7	8.21	7.43	9.47	7.13	11.48	10.05	11.31	9.95	11.21	10.11	11.67	10.12
8	9.21	7.06	7.12	7.07	10.29	9.00	10.22	9.87	10.25	10.10	11.81	11.26
9	10.15	7.05	10.04	7.07	10.20	9.85	11.08	9.85	12.25	10.11	11.65	10.47
10	10.60	8.86	9.45	7.11	10.30	9.85	10.89	10.06	10.82	9.96	12.09	11.01
11	10.58	9.45	10.00	9.51	12.07	10.17	10.44	9.96	10.10	9.95	12.22	10.21
12	9.39	7.05	10.66	9.95	11.71	11.10	10.10	9.94	10.07	9.87	11.64	10.55
13	8.06	7.05	10.18	10.04	11.79	11.24	10.15	8.19	9.96	9.74	11.38	11.07
14	8.58	7.31	10.26	10.04	11.82	10.00	10.11	9.61	9.94	9.76	11.30	10.52
15	10.30	7.72	12.02	10.14	10.98	10.25	10.17	9.98	9.92	9.78	10.49	9.81
16	10.36	9.93	10.18	10.05	10.58	10.24	10.11	9.74	12.19	9.84	10.20	9.18
17	10.35	9.97	10.23	10.07	10.62	10.43	10.17	10.02	12.07	10.03	11.46	9.00
18	10.11	7.23	10.21	10.06	10.75	10.50	10.71	9.06	10.57	10.13	11.37	10.26
19	7.56	7.04	10.14	8.20	11.09	10.48	14.64	10.70	11.42	10.65	10.91	10.57
20	8.64	7.58	10.68	8.40	10.88	10.12	14.83	14.19	11.15	10.80	11.06	10.85
21	8.28	7.04	10.74	7.93	10.14	9.00	14.80	12.47	11.50	10.51	11.14	11.03
22	9.36	7.02	10.66	10.04	10.09	9.00	14.65	12.83	10.46	9.98	11.10	10.00
23	9.27	8.09	10.42	9.70	10.18	9.00	14.41	11.75	10.25	10.08	10.90	9.91
24	10.56	9.31	10.07	9.63	11.80	10.00	12.97	11.78	10.17	9.99	10.95	10.25
25	10.12	10.03	10.67	9.89	14.11	11.06	12.23	10.80	11.37	9.95	11.42	10.00
26	10.11	8.78	12.41	10.15	14.52	13.06	12.81	11.31	11.88	9.90	11.29	11.14
27	10.07	7.07	12.54	10.45	14.45	10.05	12.91	11.92	13.20	10.80	12.14	11.20
28	12.98	9.90	13.66	10.52	11.91	10.09	12.50	10.53	15.67	13.25	12.17	11.00
29	10.45	9.90	13.78	11.50	11.59	10.00	11.87	11.41	---	---	11.98	11.61
30	9.88	7.08	12.70	10.35	10.59	9.88	11.79	10.42	---	---	12.33	11.84
31	7.08	7.06	---	---	11.60	10.20	10.80	9.95	---	---	12.93	12.16
MONTH	12.98	7.02	13.78	7.06	14.52	9.00	14.83	8.19	15.67	9.74	19.34	9.00

02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC--Continued

GAGE HEIGHT (FEET) WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued
MEAN VALUES

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	13.18	10.83	11.04	10.69	7.93	5.92	10.31	8.37	9.18	6.33	8.81	5.94
2	12.98	11.45	11.87	11.02	10.57	7.83	8.34	6.44	9.15	6.77	7.33	5.94
3	13.07	12.00	11.24	11.04	9.94	6.45	6.40	5.95	7.78	6.60	8.55	7.22
4	12.62	12.23	11.20	10.91	10.35	7.66	8.96	5.95	7.61	6.02	7.23	5.94
5	12.46	12.27	11.28	11.00	10.43	9.99	10.22	9.08	8.85	6.16	7.80	6.21
6	12.57	11.71	11.25	10.98	10.17	10.07	10.16	10.02	9.37	5.97	8.95	7.75
7	12.33	11.88	11.18	11.03	10.15	10.08	10.26	10.06	10.42	7.00	11.19	8.37
8	12.09	11.83	11.89	11.14	10.27	7.86	10.19	10.07	7.70	6.55	13.71	10.27
9	12.44	11.94	11.24	11.02	7.80	6.45	10.18	5.98	9.16	6.13	12.60	10.19
10	12.45	11.81	11.08	11.00	6.83	6.03	8.38	5.97	10.17	9.19	12.25	10.61
11	11.78	11.40	11.07	9.58	8.11	6.40	7.68	5.96	9.95	5.95	11.30	10.35
12	11.81	11.38	10.30	9.54	10.13	7.37	9.27	7.66	6.91	5.95	12.35	10.52
13	11.73	11.28	11.38	10.18	8.43	5.94	9.26	8.60	8.71	6.71	13.13	10.85
14	11.88	11.36	10.58	10.03	10.27	6.59	8.94	6.65	8.62	8.19	13.17	10.57
15	12.82	11.35	10.22	10.03	10.15	6.23	7.44	6.22	8.22	5.94	12.29	7.60
16	12.71	11.46	10.25	9.78	8.16	5.97	8.11	6.75	6.65	5.94	10.42	6.77
17	12.61	11.26	10.16	9.43	9.71	6.55	9.02	6.11	7.43	6.65	8.37	6.18
18	12.68	11.32	10.16	9.31	10.06	5.91	7.08	6.01	8.43	5.96	9.54	6.15
19	12.71	11.30	9.66	8.97	10.18	9.92	8.45	5.99	8.31	5.96	8.25	6.19
20	11.61	11.26	10.18	9.07	10.22	10.10	8.13	5.97	6.10	5.96	9.86	6.16
21	13.31	11.23	9.64	8.67	11.58	10.06	8.12	6.07	7.56	6.11	10.26	6.43
22	13.46	11.15	9.81	9.25	12.13	10.69	8.55	6.68	9.31	6.44	9.62	7.95
23	12.57	11.11	10.08	9.48	11.44	9.57	9.45	6.43	7.72	6.58	8.76	6.18
24	11.64	10.95	10.07	8.01	9.81	5.98	9.63	6.00	6.98	5.99	7.69	6.21
25	11.70	10.98	10.88	9.34	8.96	6.56	7.85	6.04	7.98	7.00	8.38	6.78
26	13.06	11.18	---	---	11.07	6.85	7.31	6.62	7.29	6.02	8.37	6.13
27	12.73	10.90	---	---	10.69	9.81	7.93	7.32	6.65	6.18	6.82	6.12
28	12.35	10.95	10.25	6.76	10.07	9.68	8.65	7.93	7.17	6.66	7.56	6.14
29	12.02	10.81	10.32	9.95	10.29	10.03	8.41	6.03	7.37	5.98	8.13	7.15
30	11.19	10.56	10.57	10.00	10.29	10.17	8.42	7.08	6.93	6.17	9.66	7.31
31	---	---	10.21	6.27	---	---	8.09	6.13	7.91	6.94	---	---
MONTH	13.46	10.56	---	---	12.13	5.91	10.31	5.95	10.42	5.94	13.71	5.94

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC

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

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--October 1985 to current year. / Data prior to October 1985 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100 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 CURRENT YEAR.--
Water Year 1986: Maximum gage height, 54.23 ft, Aug. 19; minimum, 46.61 ft, Jan. 5, Mar. 16.
Water Year 1987: Maximum gage height, 54.33 ft, Feb. 6; minimum, 47.06 ft, Jun. 18.

GAGE HEIGHT (FEET), WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.16	52.30	52.13	50.08	52.17	48.84	50.86	50.60	50.87	50.93	51.06	50.56
2	50.12	53.31	50.96	50.95	49.93	48.94	49.02	50.87	51.22	51.17	50.60	50.57
3	51.95	52.86	50.40	50.72	49.47	48.94	50.71	51.06	51.06	51.22	50.80	50.98
4	52.93	52.41	50.89	51.17	52.22	48.56	49.92	50.37	50.95	50.57	51.34	52.33
5	51.20	52.09	52.09	48.80	49.89	48.67	51.05	51.12	50.94	50.90	51.03	52.52
6	52.06	52.19	50.75	48.89	50.84	49.01	48.97	50.67	50.79	51.33	51.10	52.80
7	49.99	51.20	51.31	50.02	51.38	49.56	49.61	51.21	50.86	51.17	51.51	52.81
8	49.66	50.62	51.11	50.66	52.21	49.73	50.89	50.91	50.65	49.87	51.26	52.79
9	49.05	50.97	51.17	49.93	51.26	50.41	50.66	50.65	50.61	51.02	50.72	52.39
10	49.47	50.28	51.19	50.09	51.11	50.75	49.71	50.79	50.44	51.57	51.53	51.35
11	50.75	48.99	51.28	48.80	50.46	49.89	49.88	51.37	51.45	50.92	50.58	51.73
12	50.03	50.76	51.34	50.11	49.52	48.84	49.99	51.03	50.62	50.68	50.58	50.45
13	49.77	51.14	51.47	49.72	50.01	50.06	50.15	51.34	50.30	50.89	50.72	50.41
14	50.19	51.17	51.09	49.78	51.01	52.25	50.79	51.09	51.03	50.55	51.39	50.31
15	49.00	51.31	51.07	48.52	49.73	51.25	49.91	50.89	50.18	51.25	51.62	50.70
16	49.48	51.65	50.97	51.09	51.02	49.46	49.19	51.45	51.16	51.11	52.08	50.74
17	48.81	50.34	50.09	49.82	50.01	48.81	51.68	51.07	51.13	51.25	50.91	50.46
18	48.77	51.07	49.44	49.63	50.06	48.37	51.49	50.94	49.86	51.63	51.58	50.13
19	50.21	51.59	50.54	51.08	50.88	48.96	51.13	51.29	49.93	50.44	53.38	50.57
20	48.80	52.36	51.03	51.62	50.05	50.38	51.06	51.84	50.87	50.65	52.93	51.28
21	49.26	52.51	51.34	51.53	50.48	52.27	51.13	50.92	51.33	50.96	52.97	50.69
22	50.48	---	49.46	51.40	50.42	52.37	51.58	50.60	51.67	50.97	51.05	49.72
23	51.71	---	49.31	51.49	49.77	50.86	51.04	50.75	50.83	50.84	52.40	51.22
24	49.74	---	50.88	51.23	50.26	51.02	51.15	50.14	50.27	50.54	52.65	50.86
25	50.62	---	49.21	51.33	50.74	51.65	51.26	51.01	50.46	50.13	52.42	49.84
26	50.43	---	50.37	51.37	49.71	50.04	50.11	51.07	51.52	50.88	51.56	50.45
27	48.86	49.40	51.32	49.76	49.29	50.49	49.60	51.11	50.61	51.11	51.29	51.14
28	49.13	51.65	51.11	50.48	49.43	51.53	50.20	51.15	50.27	51.21	51.48	49.70
29	50.22	51.31	49.82	49.86	---	50.53	50.66	50.78	50.99	50.87	51.63	50.25
30	49.68	52.64	48.89	51.07	---	48.97	51.29	50.97	51.53	50.88	51.41	51.06
31	50.80	---	51.05	52.09	---	48.99	---	50.26	---	50.54	50.64	---
MEAN	50.1	---	50.7	50.4	50.5	50.0	50.5	50.9	50.8	50.9	51.5	51.0
MAX	52.93	---	52.13	52.09	52.22	52.37	51.68	51.84	51.67	51.63	53.38	52.81
MIN	48.77	---	48.89	48.52	49.29	48.37	48.97	50.14	49.86	49.87	50.58	49.70

02162110 BROAD RIVER DIVERSION CANAL (FOREBAY) AT COLUMBIA, SC--Continued

GAGE HEIGHT (FEET), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50.90	50.73	51.12	52.62	51.62	53.76	53.05	51.49	48.91	51.58	50.61	49.94
2	51.12	50.94	51.46	52.85	52.13	53.50	53.41	51.90	51.13	50.18	50.43	49.91
3	50.34	50.65	52.06	52.21	52.56	53.35	52.88	51.75	50.28	48.66	50.09	50.71
4	51.09	51.04	52.72	51.06	52.69	52.73	52.76	51.66	51.00	48.78	49.87	48.88
5	51.27	51.04	52.78	50.99	52.90	52.65	52.63	51.83	51.65	51.26	49.73	50.07
6	50.22	51.07	51.82	51.55	52.71	52.09	52.36	51.84	51.46	51.30	49.64	50.56
7	51.05	51.13	51.54	51.67	51.81	52.05	52.53	51.73	51.39	51.41	50.75	51.66
8	51.34	49.54	51.41	50.95	51.31	53.04	52.44	52.03	51.32	51.41	49.66	52.57
9	51.06	50.38	51.33	51.49	52.27	52.49	53.33	51.67	49.16	49.99	49.41	52.30
10	51.39	50.78	51.46	51.49	51.26	53.27	53.50	51.59	48.76	49.17	51.03	52.83
11	51.48	50.78	52.15	51.14	51.13	52.87	52.63	50.20	48.89	48.90	49.28	52.31
12	51.09	51.43	52.10	50.92	50.93	52.74	52.63	50.43	50.71	49.91	49.37	53.07
13	50.58	51.08	52.30	50.63	50.90	52.78	52.47	52.31	50.03	50.83	50.56	53.15
14	50.98	51.19	51.78	50.81	50.78	52.72	52.66	52.30	50.84	49.92	50.59	52.97
15	51.40	52.06	51.48	50.94	50.80	51.16	52.87	51.48	50.57	49.34	49.20	51.72
16	51.76	51.34	51.62	50.85	52.08	51.00	53.21	51.49	49.27	50.15	49.29	50.57
17	51.29	51.37	51.69	50.93	51.88	51.37	52.70	51.69	50.71	49.90	50.15	49.43
18	50.81	51.35	51.84	51.09	51.25	51.98	52.99	51.61	49.48	49.68	49.56	49.95
19	50.02	50.78	51.92	53.24	52.67	52.20	52.92	50.75	51.24	49.96	49.45	49.19
20	51.32	51.38	51.65	53.45	52.46	52.39	52.45	51.51	51.39	49.50	49.05	49.48
21	50.42	51.15	50.93	53.06	52.48	52.54	52.71	49.96	51.93	50.35	50.00	50.29
22	50.65	51.29	50.87	53.21	51.23	52.39	52.81	51.37	53.03	50.06	50.44	50.82
23	51.00	51.05	50.94	52.10	51.33	51.70	52.60	51.74	51.54	50.21	49.88	49.57
24	51.54	50.95	51.57	51.89	51.16	52.34	51.87	50.57	49.72	49.88	48.94	49.83
25	51.22	51.33	52.17	51.69	52.19	53.17	51.87	51.94	50.07	50.06	50.45	50.32
26	51.05	51.96	52.21	53.49	52.02	53.28	52.87	50.61	51.63	50.13	49.26	49.42
27	50.38	52.61	51.67	53.85	53.10	53.52	52.62	49.45	50.60	50.78	49.40	49.04
28	51.97	52.12	52.50	52.77	53.42	53.98	52.36	51.88	50.29	51.35	50.08	49.18
29	51.34	51.97	52.27	53.32	---	53.67	52.04	51.62	51.60	49.88	49.72	50.20
30	50.35	50.65	51.20	52.73	---	53.69	51.55	51.71	51.64	50.23	49.64	50.65
31	49.49	---	51.96	51.36	---	53.62	---	50.86	---	49.51	50.53	---
MEAN	51.0	51.2	51.8	51.9	51.9	52.7	52.7	51.4	50.7	50.1	49.9	50.7
MAX	51.97	52.61	52.78	53.85	53.42	53.98	53.50	52.31	53.03	51.58	51.03	53.15
MIN	49.49	49.54	50.87	50.63	50.78	51.00	51.55	49.45	48.76	48.66	48.94	48.88

02162350 MIDDLE SALUDA RIVER NEAR CLEVELAND, SC

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

DRAINAGE AREA.--21.0 mi^2.

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

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

REMARKS.--Records good, except for estimated daily discharges: Dec. 2 to Jan. 15, which are poor.

AVERAGE DISCHARGES: 7 years, 51.0 ft^3/s, 32.98 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, 3,000 ft^3/s, gage height, 8.94 ft, Jan. 3 (estimated) from maximum indicator; minimum, 11 ft^3/s, gage height 2.00 ft, Oct. 6, 7; minimum daily discharge, 12 ft^3/s Oct. 6,7,8.

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	15	43	138	60	57	428	98	56	36	30	21	17
2	14	45	240	58	76	192	90	56	35	81	24	17
3	13	37	420	55	68	147	127	54	34	46	23	15
4	13	35	310	53	62	123	112	52	36	155	26	15
5	13	38	230	49	58	110	100	51	34	108	36	26
6	12	36	180	47	57	101	95	50	30	66	31	87
7	12	89	110	46	55	95	91	49	29	53	40	42
8	12	83	66	45	53	94	86	47	29	50	31	48
9	25	63	72	45	49	107	82	44	28	46	27	39
10	19	52	84	44	48	93	79	42	34	41	30	43
11	29	64	110	43	48	86	77	39	40	38	27	51
12	20	60	100	41	48	83	76	41	31	35	23	62
13	58	53	80	40	44	79	73	43	29	34	22	80
14	54	47	72	39	45	76	72	50	29	32	21	63
15	26	53	66	45	44	75	99	44	29	31	20	40
16	21	48	61	49	63	72	87	40	33	30	20	35
17	19	45	57	48	50	70	80	38	35	28	20	46
18	18	43	55	101	48	71	76	38	34	27	19	33
19	17	40	53	137	48	103	73	40	55	27	19	30
20	17	64	48	88	49	79	71	58	52	26	18	29
21	16	53	42	74	51	75	69	48	45	25	17	26
22	15	47	49	77	60	71	67	43	38	24	16	24
23	15	46	64	65	67	68	68	41	36	23	16	23
24	15	46	135	61	59	69	66	39	34	22	15	23
25	202	59	330	79	55	108	81	38	41	22	28	22
26	207	446	110	77	57	86	82	42	55	21	23	21
27	73	176	83	66	87	85	69	36	39	21	18	21
28	52	116	74	63	435	81	60	40	32	20	17	21
29	43	94	69	60	---	78	56	50	29	20	20	21
30	39	83	65	63	---	100	55	42	28	20	16	28
31	35	---	62	63	---	125	---	37	---	22	19	---
TOTAL	1139	2204	3635	1881	1941	3230	2417	1388	1069	1224	703	1048
MEAN	36.7	73.5	117	60.7	69.3	104	80.6	44.8	35.6	39.5	22.7	34.9
MAX	207	446	420	137	435	428	127	58	55	155	40	87
MIN	12	35	42	39	44	68	55	36	28	20	15	15

CAL YR 1986 TOTAL 16667 MEAN 45.7 MAX 852 MIN 12
WTR YR 1987 TOTAL 21879 MEAN 59.9 MAX 446 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 41,435,805 gal per day or 64.1 ft^3/s diverted above station for City of Greenville water supply during water year. City of Greenville began diverting water from Saluda River (Table Rock Reservoir) in 1930; supplemented by North Saluda Reservoir in 1961. Sewage effluent discharged into Reedy River near Greenville.

AVERAGE DISCHARGE.--49 years, 1,004 ft^3/s, 23.47 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 1.0 ft^3/s, Aug. 4 and 8, 1986; minimum daily, 11 ft^3/s, Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 2	0030	*9840	*15.67

Minimum daily, 108 ft^3/s, Oct. 8.

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	170	571	1120	913	912	9280	2050	727	659	585	497	245
2	312	408	1100	1110	1100	8330	1610	719	593	525	469	245
3	314	337	1260	1050	1140	4660	1450	656	521	646	542	283
4	129	424	1510	1110	1180	2620	1260	728	535	967	451	218
5	261	553	1260	952	1190	2030	1520	816	511	825	507	369
6	152	502	964	743	923	1770	1410	743	565	1240	428	293
7	263	396	751	716	942	1660	1290	672	482	948	598	217
8	108	483	932	802	806	1540	1110	670	489	755	639	528
9	177	715	848	814	864	1560	1110	597	489	695	470	484
10	248	750	839	709	873	1610	1010	595	467	566	516	325
11	267	876	938	699	699	1530	881	612	495	580	544	444
12	301	753	1180	669	769	1520	897	674	495	515	371	159
13	142	623	1370	701	734	1340	1020	497	438	513	337	528
14	333	578	1150	711	706	1160	1010	746	421	533	350	419
15	611	554	1030	577	723	879	898	729	500	474	314	393
16	587	464	891	707	742	1010	1000	658	661	462	299	391
17	451	560	769	678	883	1190	1050	613	504	405	376	341
18	303	566	779	734	981	1110	942	763	594	455	313	304
19	267	551	716	2170	812	1020	904	343	959	388	291	278
20	244	600	694	2220	902	977	917	550	990	450	277	294
21	192	648	677	1720	745	667	916	623	822	419	261	308
22	254	599	650	1540	800	929	911	634	792	365	268	312
23	292	590	673	1400	811	908	784	639	690	366	249	351
24	315	618	890	1330	929	805	1260	599	578	366	275	340
25	383	641	1920	1340	847	959	1150	581	604	380	249	318
26	1190	932	1840	1870	972	1160	647	566	857	409	261	167
27	2500	1750	1400	1620	1050	1230	822	661	852	496	242	270
28	1410	2690	1180	1420	3870	1260	881	525	735	435	234	330
29	921	1590	1040	1300	---	1240	752	616	672	400	238	177
30	722	1230	903	1170	---	1330	794	588	813	326	218	321
31	683	---	828	1090	---	2190	---	606	---	323	245	---
TOTAL	14502	22552	32102	34585	27905	59474	32256	19746	18783	16812	11329	9652
MEAN	468	752	1036	1116	997	1919	1075	637	626	542	365	322
MAX	2500	2690	1920	2220	3870	9280	2050	816	990	1240	639	528
MIN	108	337	650	577	699	667	647	343	421	323	218	159

CAL YR 1986 TOTAL 186853 MEAN 512 MAX 2690 MIN 13
WTR YR 1987 TOTAL 299698 MEAN 821 MAX 9280 MIN 108

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 September 1987. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder and data collection platform. Elevation of gage is 800 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--30 years, (1941 to 1971) 83.0 ft^3/s, 23.19 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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period Jun. to Sept., 1610 ft^3/s, Jul. 31, gage height, 5.74 ft; minimum, 19 ft^3/s, Aug. 26, 30, 31, Sept. 4.

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	---	---	---	---	---	---	---	---	---	64	33	21
2	---	---	---	---	---	---	---	---	---	78	37	20
3	---	---	---	---	---	---	---	---	---	58	40	21
4	---	---	---	---	---	---	---	---	84	122	28	22
5	---	---	---	---	---	---	---	---	36	59	29	37
6	---	---	---	---	---	---	---	---	32	47	38	168
7	---	---	---	---	---	---	---	---	31	40	149	53
8	---	---	---	---	---	---	---	---	30	36	35	32
9	---	---	---	---	---	---	---	---	29	33	66	39
10	---	---	---	---	---	---	---	---	28	32	45	25
11	---	---	---	---	---	---	---	---	36	32	35	90
12	---	---	---	---	---	---	---	---	30	30	27	95
13	---	---	---	---	---	---	---	---	31	29	27	51
14	---	---	---	---	---	---	---	---	31	28	26	32
15	---	---	---	---	---	---	---	---	46	27	25	27
16	---	---	---	---	---	---	---	---	51	27	25	26
17	---	---	---	---	---	---	---	---	84	27	25	25
18	---	---	---	---	---	---	---	---	70	26	23	25
19	---	---	---	---	---	---	---	---	313	25	23	24
20	---	---	---	---	---	---	---	---	196	25	23	25
21	---	---	---	---	---	---	---	---	76	24	22	24
22	---	---	---	---	---	---	---	---	50	24	22	23
23	---	---	---	---	---	---	---	---	41	24	21	22
24	---	---	---	---	---	---	---	---	74	23	20	22
25	---	---	---	---	---	---	---	---	125	23	20	22
26	---	---	---	---	---	---	---	---	140	23	21	21
27	---	---	---	---	---	---	---	---	80	23	21	21
28	---	---	---	---	---	---	---	---	52	22	20	21
29	---	---	---	---	---	---	---	---	42	21	20	21
30	---	---	---	---	---	---	---	---	40	43	20	42
31	---	---	---	---	---	---	---	---	---	319	20	---
TOTAL	---	---	---	---	---	---	---	---	---	1414	986	1097
MEAN	---	---	---	---	---	---	---	---	---	45.6	31.8	36.6
MAX	---	---	---	---	---	---	---	---	---	319	149	168
MIN	---	---	---	---	---	---	---	---	---	21	20	20

02165000 REEDY RIVER NEAR WARE SHOALS, SC

LOCATION.--Lat 34°25'02'', long 82°09'10'', Laurens County, Hydrologic Unit 03050109, on downstream side of Road S-30-36 bridge, 5.5 mi northeast of Ware Shoals, 6.0 mi downstream from Boyd Mill Dam, and at mile 8.7.

DRAINAGE AREA.--236 mi^2.

PERIOD OF RECORD.--March 1939 to current year.

REVISED RECORDS.--WSP 892: 1939. WSP 922: Drainage area. WSP 1723: 1940, 1943, 1948-49, 1952(M). WSP 1904: 1940, 1943, 1946, 1949, 1952. WDR-SC-77-1: Drainage area. WDR-SC-78-1: Drainage area.

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

REMARKS.--Records fair, except for estimated daily discharges Dec. 30 to Mar. 4, 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.--48 years, 351 ft^3/s, 20.20 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, Jul. 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 (*) [from maximun indicator]:

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Mar. 2	Unknown	*5080	*13.96

Minimum daily, 31 ft^3/s, Oct. 4.

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	33	371	319	330	495	1100	1200	286	202	191	326	74
2	33	363	440	365	520	4700	618	277	215	198	192	80
3	32	354	488	390	540	2200	521	274	196	234	221	94
4	31	321	415	360	560	900	601	293	181	238	220	85
5	34	312	341	340	580	678	517	338	222	286	183	92
6	39	307	310	320	585	561	447	299	190	228	171	121
7	43	299	295	310	560	495	428	273	174	211	183	203
8	44	421	285	320	520	479	417	262	166	194	300	181
9	59	467	285	330	540	494	409	253	154	183	197	157
10	90	331	300	320	520	483	398	246	160	176	187	151
11	123	306	362	310	490	432	389	239	161	169	175	146
12	146	338	493	305	475	400	382	239	175	165	177	246
13	151	408	438	300	500	385	374	244	170	157	160	215
14	739	327	348	290	495	375	370	295	175	150	145	188
15	1150	304	313	290	490	366	384	292	176	148	138	147
16	636	321	299	280	505	359	508	256	195	146	135	137
17	455	302	293	290	540	352	405	238	218	143	129	130
18	375	297	289	315	560	351	382	228	213	140	118	122
19	325	278	288	540	520	397	356	223	466	135	115	117
20	281	303	277	935	490	468	343	221	568	125	115	117
21	255	362	268	900	480	385	335	223	381	115	106	108
22	261	323	261	800	495	360	331	219	261	115	104	101
23	252	279	263	700	505	351	323	213	225	125	90	100
24	247	264	428	620	540	346	478	206	212	123	75	101
25	342	339	972	580	560	386	653	196	314	118	66	102
26	1010	630	558	680	640	559	391	191	328	118	70	100
27	1430	1010	374	720	740	428	342	190	288	112	77	83
28	706	650	329	700	985	634	320	190	238	110	83	60
29	520	385	305	640	---	630	310	190	210	122	84	57
30	442	332	294	600	---	542	297	229	197	131	81	69
31	392	---	300	540	---	1140	---	242	---	170	76	---
TOTAL	10676	11304	11230	14720	15430	21736	13229	7565	7031	4976	4499	3684
MEAN	344	377	362	475	551	701	441	244	234	161	145	123
MAX	1430	1010	972	935	985	4700	1200	338	568	286	326	246
MIN	31	264	261	280	475	346	297	190	154	110	66	57

CAL YR 1986 TOTAL 77767 MEAN 213 MAX 1430 MIN 31
WTR YR 1987 TOTAL 126080 MEAN 345 MAX 4700 MIN 31

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, 440.06 ft, Mar. 4; minimum, 434.56 ft, Feb. 27.

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

433.0 ft	4.51 ft^3	438.0 ft	6.72 ft^3
434.0 ft	4.94 ft^3	439.0 ft	7.18 ft^3
435.0 ft	5.38 ft^3	440.0 ft	7.64 ft^3
436.0 ft	5.82 ft^3	441.0 ft	8.10 ft^3
437.0 ft	6.27 ft^3	442.0 ft	8.56 ft^3

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.48	438.50	438.65	437.36	437.91	439.45	436.36	437.77	439.04	439.02	438.99	438.90
2	438.50	438.52	438.53	437.32	437.74	439.95	436.45	437.81	438.98	438.99	439.04	438.87
3	438.50	438.49	438.39	437.15	437.60	439.97	436.49	437.80	439.00	439.04	439.00	438.88
4	438.46	438.51	438.47	436.96	437.43	440.01	436.57	437.83	439.01	439.02	439.00	438.87
5	438.47	438.52	438.34	436.78	437.23	440.01	436.58	437.83	438.99	439.05	439.01	438.91
6	438.40	438.48	438.08	436.75	437.01	439.96	436.67	437.82	438.98	439.04	439.14	438.87
7	438.39	438.47	438.24	436.71	436.85	439.89	436.75	437.74	438.97	439.01	439.01	438.92
8	438.35	438.53	438.17	436.67	436.61	439.85	436.80	437.83	438.99	439.01	439.00	438.88
9	438.35	438.50	438.10	436.63	436.35	439.77	436.86	437.79	439.00	439.02	439.01	438.80
10	438.44	438.52	438.01	436.57	436.12	439.69	436.93	437.79	439.00	439.00	439.01	438.80
11	438.43	438.57	438.00	436.69	435.77	439.47	436.98	437.79	439.04	439.03	438.99	438.78
12	438.45	438.49	437.96	436.84	435.44	439.05	437.04	437.79	439.00	439.00	439.00	438.80
13	438.48	438.51	437.88	436.98	435.09	438.59	437.00	437.80	439.02	439.02	438.99	438.78
14	438.53	438.49	437.83	436.94	434.99	438.10	436.99	437.80	439.01	439.01	439.02	438.74
15	438.56	438.49	437.77	436.55	435.00	437.54	436.71	437.90	439.00	439.02	439.01	438.71
16	438.52	438.49	437.72	436.39	435.00	437.01	436.66	438.06	439.01	439.02	439.00	438.72
17	438.53	438.51	437.69	436.28	435.03	436.50	436.95	438.19	439.02	438.98	438.99	438.68
18	438.47	438.53	437.62	436.67	435.07	435.99	437.19	438.34	439.00	438.99	439.00	438.67
19	438.49	438.52	437.58	437.45	434.92	435.60	437.42	438.40	439.12	439.00	438.99	438.67
20	438.50	438.55	437.54	437.88	434.90	435.65	437.52	438.51	439.00	439.02	438.98	438.66
21	438.48	438.50	437.52	438.02	434.83	435.72	437.59	438.63	439.02	439.00	438.98	438.64
22	438.49	438.50	437.45	438.50	434.80	435.81	437.62	438.74	439.00	439.00	438.98	438.62
23	438.51	438.52	437.39	438.57	434.74	435.83	437.71	438.84	439.01	438.99	438.98	438.63
24	438.50	438.52	437.72	438.50	434.71	435.89	437.75	438.94	438.99	438.98	438.96	438.61
25	438.55	438.52	437.89	438.52	434.67	435.98	437.80	439.03	439.04	438.99	438.95	438.59
26	438.54	438.58	437.95	438.71	434.61	436.03	437.80	439.01	439.04	439.03	438.96	438.56
27	438.72	438.80	437.81	438.77	434.88	436.22	437.79	438.99	439.00	439.06	438.95	438.57
28	438.57	439.00	437.59	438.69	436.71	436.18	437.77	438.02	439.00	439.02	438.94	438.56
29	438.53	438.91	437.36	438.56	---	436.24	437.79	439.00	439.02	438.96	438.92	438.50
30	438.52	438.79	437.12	438.38	---	436.37	437.79	439.03	439.02	439.00	438.89	438.51
31	438.57	---	437.07	438.16	---	436.39	---	439.01	---	439.00	438.87	---
MAX	438.72	439.00	438.65	438.77	437.91	440.01	437.80	439.03	439.12	439.06	439.14	438.92
MIN	438.35	438.47	437.07	436.28	434.61	435.60	436.36	437.74	438.97	438.96	438.87	438.50
[+]	6.98	7.08	6.30	6.79	6.14	6.00	6.63	7.18	7.19	7.18	7.12	6.95
[*]	15	39	-291	183	-269	-52	243	205	4	-4	-22	-66

CAL YR 1986 * 1 MAX 439.13 MIN 434.51
WTR YR 1987 * 0.3 MAX 440.01 MIN 434.61

[+] 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 September 1987. Data prior to October 1986 are in files of the US Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 370 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.32 ft, Mar. 2; minimum gage height, 5.34 ft, Sept. 27, 28, 29.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.29	8.37	11.90	10.32	12.10	17.40	14.07	8.67	7.60	7.45	7.35	6.06
2	6.19	6.86	12.04	12.63	12.07	23.39	10.97	8.21	8.26	7.28	6.71	6.21
3	6.18	6.93	11.96	12.03	11.87	20.69	10.83	8.38	7.08	7.45	7.47	6.21
4	6.15	6.59	10.48	11.78	11.74	14.15	9.74	8.60	7.65	8.71	6.99	6.21
5	6.14	7.20	10.48	10.91	11.72	12.79	10.11	9.15	7.54	8.55	7.15	6.25
6	6.15	7.55	11.56	8.69	11.69	12.03	9.92	8.55	7.25	8.96	6.35	7.11
7	6.14	7.21	6.40	8.71	11.84	11.72	9.20	8.61	6.92	8.46	9.03	7.25
8	6.16	6.19	9.48	8.65	11.84	11.82	8.98	7.48	6.91	7.67	7.93	8.20
9	6.14	8.42	10.03	8.79	11.15	12.03	8.85	8.21	6.70	7.44	6.93	7.81
10	6.16	7.70	9.44	8.98	11.22	11.43	8.51	7.96	6.63	7.25	6.91	6.85
11	6.31	7.87	9.63	7.16	11.73	12.38	8.34	8.25	6.73	6.87	7.36	7.30
12	6.26	9.20	11.06	6.79	11.61	13.81	8.14	8.12	7.12	7.03	6.29	7.48
13	6.18	7.88	11.80	6.83	11.54	13.76	9.45	7.65	7.15	6.57	6.39	7.91
14	6.96	7.70	10.09	8.52	9.09	13.75	8.77	8.94	7.06	6.84	6.36	7.55
15	7.91	8.05	9.69	11.63	8.10	13.72	11.05	7.96	7.21	6.63	6.34	7.16
16	8.41	7.50	9.36	9.98	9.63	13.65	10.11	6.51	8.29	6.73	6.45	6.46
17	6.73	7.73	8.72	9.18	9.02	13.66	6.49	6.44	7.79	6.62	6.80	7.00
18	7.10	7.52	9.30	9.89	8.88	13.63	6.50	6.43	7.66	6.62	6.36	6.62
19	6.21	7.47	8.44	12.91	10.18	12.84	6.49	6.47	8.35	6.24	6.35	6.35
20	6.17	9.54	8.78	13.64	9.28	9.05	7.63	6.40	11.08	6.38	6.15	6.50
21	6.14	9.48	7.92	12.10	9.01	7.92	8.11	6.35	8.36	6.81	6.12	6.43
22	6.18	8.40	8.50	12.89	8.98	8.10	8.23	6.37	8.37	6.25	6.11	6.47
23	6.23	7.82	8.97	13.52	9.26	8.54	7.79	6.44	7.78	6.64	6.10	6.41
24	6.37	7.67	10.03	12.28	9.20	7.80	9.22	6.38	7.53	6.27	6.14	6.43
25	7.61	8.47	12.67	11.92	9.01	9.14	9.37	6.37	7.87	6.25	6.08	6.70
26	9.54	9.92	12.03	12.08	9.84	9.85	8.45	7.57	9.91	6.34	6.16	6.21
27	11.72	10.58	11.80	11.97	12.22	10.63	8.71	8.05	9.04	6.48	6.19	6.22
28	11.66	11.78	11.74	11.86	14.16	13.56	9.12	6.71	8.03	7.00	6.14	6.47
29	9.28	11.74	11.43	11.80	---	11.13	8.35	7.58	7.23	6.43	6.10	6.46
30	7.91	11.17	11.31	11.77	---	12.63	8.52	7.38	7.86	6.25	6.15	6.52
31	7.51	---	9.12	11.87	---	14.45	---	7.83	---	6.49	6.15	---
MEAN	7.10	8.35	10.2	10.7	10.6	12.6	9.00	7.55	7.77	7.00	6.62	6.76

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.--7 years, 17.5 ft^3/s, 13.66 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,100 ft^3/s, Apr. 8, 1983, gage height, 10.28 ft; minimum, 0.07 ft^3/s, Sept. 25,26,29,30, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 657 ft^3/s, Mar. 1, gage height, 8.96 ft; minimum, 0.07 ft^3/s, Sept. 25,26,29,30.

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	.83	3.5	89	344	7.7	436	28	3.7	2.1	.59	.38	.24
2	.73	2.2	77	109	10	47	17	3.7	3.0	.63	.36	.38
3	.78	1.8	38	20	12	22	17	3.4	2.2	.78	.42	.26
4	.67	1.6	21	11	8.4	14	18	4.3	4.2	.75	.50	.26
5	.62	1.6	16	8.3	6.9	11	13	9.0	3.2	.85	.80	.37
6	.60	1.6	13	6.9	6.5	9.9	11	4.6	2.3	.73	.38	.76
7	.58	1.6	13	5.9	34	9.1	9.8	3.8	2.0	.92	31	.93
8	.59	1.6	13	5.3	19	64	8.9	3.5	1.9	.59	2.5	.50
9	.85	1.7	28	5.0	12	50	8.1	3.2	1.7	.50	1.1	.43
10	1.8	1.7	58	5.6	9.2	27	7.3	3.1	1.6	.42	.74	.32
11	1.9	1.8	37	5.7	8.4	15	6.9	3.0	1.6	.37	.98	.30
12	1.1	2.3	99	5.0	8.4	12	6.6	25	1.7	.35	.67	.33
13	1.0	2.3	45	4.8	7.7	10	6.2	19	1.7	.32	.59	.46
14	3.1	1.9	24	4.6	7.5	9.1	6.0	17	2.3	.30	.51	.37
15	1.5	5.0	20	4.8	7.3	8.3	6.5	7.9	2.1	.27	.49	.29
16	1.0	4.0	18	5.0	90	7.8	6.2	5.4	2.7	.26	.55	.22
17	.88	2.7	16	7.7	42	7.0	6.5	4.7	4.4	.26	.52	.21
18	.85	2.4	16	131	22	6.9	6.7	4.2	2.5	.24	.50	.18
19	.84	2.1	14	451	15	11	5.9	3.9	4.6	.22	.42	.15
20	.81	28	12	71	11	9.2	5.4	3.8	2.9	.20	.46	.16
21	.81	18	10	21	10	7.5	5.1	3.9	2.3	.20	.36	.17
22	.82	5.0	10	430	11	6.6	4.9	3.8	1.9	.20	.31	.14
23	.81	2.9	12	156	23	6.1	4.8	3.6	1.8	.21	.27	.10
24	.86	3.1	280	29	13	5.9	5.6	3.3	1.8	.22	.25	.09
25	1.9	3.5	71	41	11	20	5.2	3.1	22	.18	.27	.08
26	2.4	73	18	56	13	16	4.8	2.7	6.5	.18	.29	.07
27	1.6	39	11	22	277	67	4.5	2.6	1.7	.22	.25	.10
28	1.4	9.4	8.2	14	555	195	4.4	2.6	.98	.30	.23	.11
29	1.3	8.6	7.3	11	---	25	4.3	2.4	.74	.26	.22	.08
30	1.4	12	7.0	9.7	---	225	3.9	2.3	.64	.22	.20	.09
31	1.6	---	6.5	8.8	---	157	---	2.2	---	.73	.23	---
TOTAL	35.93	245.8	1108.0	2010.1	1258.0	1517.4	248.5	168.7	91.06	12.47	46.75	8.15
MEAN	1.16	8.20	35.7	64.8	44.9	48.9	8.28	5.44	3.04	.40	1.51	.27
MAX	3.1	73	280	451	555	436	28	25	22	.92	31	.93
MIN	.58	1.6	6.5	4.6	6.5	5.9	3.9	2.2	.64	.18	.20	.07

CAL YR 1986 TOTAL 3453.34 MEAN 9.46 MAX 280 MIN .29
WTR YR 1987 TOTAL 6750.88 MEAN 18.5 MAX 555 MIN .07

02167000 SALUDA RIVER AT CHAPPELLS, SC

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

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

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

GAGE.--Water-stage recorder 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 good, except for those from Jun. 8 to Jun. 29, which are fair. Flow regulated by Lake Greenwood (see sta. 02166501).

AVERAGE DISCHARGE.--61 years, 1935 ft^3/s, 19.32 in/yr.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 26, 1908 reached a stage of 36.7 ft (present site and datum), from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,300 ft^3/s, Mar. 3, gage height, 20.11 ft; minimum, 24 ft^3/s, Aug. 22,25,29, gage height, 0.31 ft; minimum daily, 257 ft^3/s, Aug. 22,31.

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	309	1200	3070	2200	2900	6860	4590	1370	878	1080	747	262
2	272	711	3290	3930	2900	10500	3160	1110	1410	605	669	341
3	418	661	3190	3320	2920	11300	2310	1100	544	938	886	374
4	324	407	2320	2990	2920	5490	2500	1240	749	1290	674	326
5	277	737	2270	2860	2900	3920	1850	1730	1090	1590	706	381
6	340	892	2840	1550	2880	3340	2310	1340	798	1500	382	750
7	292	869	815	1410	3040	3060	2010	982	672	1370	1810	499
8	314	453	1380	1390	3070	3160	1670	1120	752	1020	1050	1320
9	359	1190	2090	1520	2630	3410	1640	927	534	1020	610	851
10	304	1010	2030	1350	2640	3000	1390	874	393	882	705	699
11	388	891	1810	863	2870	3270	1340	1100	629	636	767	873
12	289	1750	2750	424	2880	4220	1230	1080	704	748	472	749
13	327	1270	3250	411	2970	4210	1510	981	443	372	376	1330
14	625	1010	2060	820	1780	4210	1590	1370	804	533	394	771
15	714	1120	1960	2770	1500	4190	2550	1320	722	661	372	959
16	1660	897	1820	2020	1800	4150	2850	430	890	515	353	487
17	391	999	1580	1820	1890	4160	290	401	1050	425	582	659
18	877	714	1570	2000	1280	4150	565	358	780	516	332	571
19	274	1070	1520	4530	2220	4080	419	400	1010	408	472	407
20	308	1450	1570	4630	2110	1650	667	382	2650	331	293	321
21	259	2270	1230	3410	1380	1140	1220	349	1040	530	363	500
22	372	1310	1310	4290	1860	1310	1270	403	1270	411	257	461
23	375	1050	1480	4550	1890	1480	1100	367	860	541	326	539
24	440	953	2100	3570	1690	1140	1440	388	789	357	321	346
25	775	1230	3840	3130	1350	1750	1880	310	802	319	280	729
26	1530	1890	3300	3350	2010	1780	1350	824	1800	344	316	389
27	2850	2450	2970	3190	3640	2310	1260	1000	1430	402	312	326
28	2790	2910	2900	3040	5350	5000	1480	675	1230	648	331	485
29	2030	2860	2720	2970	---	2750	1350	1020	633	488	286	484
30	1090	2560	2610	2940	---	3790	1100	720	1120	372	302	508
31	939	---	2180	2920	---	5020	---	999	---	423	257	---
TOTAL	22512	38784	69825	80168	69270	119800	49891	26770	28476	21275	16003	17697
MEAN	726	1293	2252	2586	2474	3865	1663	864	949	686	516	590
MAX	2850	2910	3840	4630	5350	11300	4590	1730	2650	1590	1810	1330
MIN	259	407	815	411	1280	1140	290	310	393	319	257	262

CAL YR 1986 TOTAL 325372 MEAN 891 MAX 3840 MIN 190
WTR YR 1987 TOTAL 560471 MEAN 1536 MAX 11300 MIN 257

02168500 LAKE MURRAY NEAR COLUMBIA, SC

LOCATION.--Lat 34°03'07'', long 80°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. 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 gages 362 ft; gage height of other spillway crest, 340 ft with top of gages 365 ft. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft, Apr. 10, 1936; minimum gage height since generation of power was started 320.96 ft, Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 358.06 ft, May 16-19, minimum gage height, 353.57 ft Sept. 29, 30.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354.92	354.06	355.37	354.86	356.32	357.02	357.64	357.50	357.73	357.61	355.78	354.15
2	354.55	354.08	355.39	355.14	356.29	357.26	357.54	357.52	357.50	357.67	355.79	354.13
3	354.42	354.08	355.41	355.11	356.31	357.47	357.45	357.56	357.23	357.76	355.68	354.12
4	354.24	354.08	355.40	354.99	356.31	357.50	357.38	357.62	357.39	357.85	355.57	354.11
5	354.19	354.08	355.11	354.84	356.22	357.24	357.35	357.65	357.41	357.94	355.55	354.15
6	354.21	353.96	355.01	354.58	356.15	356.90	357.27	357.71	357.41	357.99	355.53	354.33
7	354.18	353.96	355.01	354.49	356.26	356.67	357.26	357.76	357.38	357.99	355.83	354.50
8	354.09	353.85	354.98	354.40	356.39	356.60	357.20	357.79	357.39	357.86	355.85	354.48
9	354.07	353.79	354.89	354.27	356.12	356.36	357.14	357.81	357.32	357.64	355.88	354.46
10	354.10	353.77	354.81	354.37	356.05	356.01	357.09	357.81	357.26	357.38	355.66	354.25
11	354.10	353.77	354.78	354.42	355.99	355.65	357.14	357.85	357.29	357.35	355.67	354.12
12	354.09	353.82	354.85	354.28	355.99	355.51	357.16	357.89	357.16	357.33	355.63	354.02
13	354.07	353.87	354.85	354.09	355.89	355.47	357.19	357.93	357.14	357.10	355.59	354.05
14	354.08	353.87	354.74	353.88	355.78	355.52	357.22	357.97	357.14	357.08	355.54	354.06
15	354.08	353.96	354.74	353.87	355.72	355.70	357.12	358.04	357.11	357.06	355.54	353.99
16	354.09	353.98	354.65	353.89	355.61	355.76	357.09	358.06	357.19	357.03	355.53	354.01
17	354.11	354.02	354.54	353.94	355.39	355.77	357.05	358.06	357.05	357.01	355.30	354.01
18	354.11	354.06	354.38	354.38	355.22	355.90	356.99	358.06	357.05	356.96	355.08	353.92
19	354.11	354.10	354.19	355.50	355.18	356.24	356.99	358.05	357.12	356.94	354.96	353.92
20	354.11	354.28	354.14	355.80	355.18	356.32	357.04	358.04	357.23	356.93	354.95	353.88
21	354.10	354.35	354.12	355.87	355.24	356.35	357.03	358.02	357.25	356.61	354.89	353.89
22	354.09	354.40	353.86	356.51	355.42	356.38	357.02	358.00	357.27	356.37	354.86	353.82
23	354.07	354.46	353.67	356.59	355.48	356.36	357.05	357.98	357.27	356.12	354.81	353.79
24	354.06	354.48	353.85	356.67	355.45	356.26	357.15	357.96	357.27	356.09	354.75	353.77
25	354.06	354.57	354.15	356.84	355.34	356.38	357.18	357.95	357.32	356.00	354.63	353.65
26	354.08	354.65	354.44	356.77	355.18	356.43	357.24	357.94	357.42	355.96	354.35	353.65
27	354.18	354.81	354.64	356.59	355.54	356.56	357.30	357.95	357.54	355.94	354.17	353.61
28	354.21	354.99	354.79	356.50	356.37	356.87	357.34	357.89	357.59	355.90	354.09	353.59
29	354.18	355.13	354.79	356.46	---	357.08	357.39	357.90	357.57	355.84	354.00	353.57
30	354.09	355.32	354.63	356.45	---	357.45	357.43	357.91	357.61	355.84	354.05	353.60
31	354.06	---	354.39	356.37	---	357.66	---	357.86	---	355.86	354.15	---
MAX	354.92	355.32	355.41	356.84	356.39	357.66	357.64	358.06	357.73	357.99	355.88	354.50
MIN	354.06	353.77	353.67	353.87	355.18	355.47	356.99	357.50	357.05	355.84	354.00	353.57
[+]	58.13	60.57	58.77	62.65	62.65	65.30	64.82	65.71	65.19	61.63	58.30	57.27
[*]	-653	941	-672	1449	0	989	-185	332	-201	-1329	-1243	-397

CAL YR 1986 * -110 MAX 356.98 MIN 351.59
WTR YR 1987 * -83 MAX 358.06 MIN 353.57

[+] 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°03'07'', long 81°13'15'', Lexington County, Hydrologic Unit 03050109, on left side of Saluda River below Lake Murray dam, at power house, 10.0 miles 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.--Maximumm gage height, 84.90 ft, Sept. 7, 1985; minimum gage height, 70.57 ft, Dec. 4, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 84.70 ft, Jul. 21; minimum gage height, 70.57 ft, Dec. 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.17	71.95	77.35	74.13	76.00	78.40	78.13	71.81	76.45	72.52	72.71	71.93
2	77.19	71.80	77.15	75.92	76.41	80.63	78.57	71.99	77.11	72.50	73.00	72.09
3	74.67	72.92	76.28	78.26	75.24	81.36	76.92	72.01	77.61	72.41	75.64	71.94
4	75.34	73.00	75.65	78.21	76.03	81.18	76.02	71.95	72.84	72.32	75.28	71.86
5	72.51	72.83	80.09	77.86	76.83	81.76	76.05	71.80	72.96	72.39	72.81	71.72
6	71.72	75.33	75.69	77.97	76.82	81.73	76.20	71.90	72.53	72.45	72.56	71.75
7	73.56	72.96	72.95	75.38	75.54	79.96	75.97	71.71	72.50	72.43	72.85	73.31
8	72.84	75.37	74.02	75.41	75.06	78.11	75.50	71.68	73.12	76.28	72.61	75.37
9	74.04	74.25	76.59	76.26	79.09	81.94	74.75	71.68	73.02	77.04	72.19	75.97
10	72.94	72.73	76.48	73.05	76.72	81.71	74.52	71.69	72.57	78.01	76.65	76.90
11	72.91	71.81	76.10	73.87	76.15	81.98	73.65	71.58	72.64	72.49	72.07	75.75
12	72.26	72.06	75.86	76.29	75.58	79.22	73.56	71.57	75.62	72.36	72.09	75.27
13	72.08	71.93	77.46	75.80	76.97	77.18	73.88	71.57	72.63	77.07	72.49	72.48
14	72.51	73.20	77.17	76.46	76.77	75.31	74.23	71.59	72.55	72.69	72.31	73.25
15	71.94	71.88	77.39	75.10	75.40	73.06	76.71	71.68	72.47	72.36	72.33	72.84
16	71.94	71.78	76.11	73.95	79.28	75.41	76.88	71.93	72.45	72.44	72.32	72.86
17	71.95	71.74	76.16	73.66	79.19	75.96	73.32	71.96	75.90	72.37	76.66	71.79
18	71.95	71.44	77.23	73.17	77.24	74.53	72.91	72.21	72.76	72.45	76.13	74.34
19	71.95	71.33	77.30	74.26	75.83	74.07	72.91	72.60	72.67	72.20	73.95	71.95
20	71.95	73.83	74.71	77.56	74.03	73.54	72.90	72.60	72.50	73.22	72.72	71.89
21	71.95	72.75	74.12	77.16	72.02	73.06	73.61	73.09	72.60	77.28	73.86	72.23
22	71.95	72.63	78.74	79.89	72.01	73.51	72.01	72.67	73.18	76.52	71.78	72.93
23	71.95	71.87	76.64	79.44	72.28	75.06	71.64	72.52	72.84	77.34	72.97	71.60
24	71.95	71.29	72.51	76.63	75.82	75.99	71.91	72.45	72.83	73.43	72.19	71.90
25	71.95	71.29	71.17	75.56	75.90	74.54	72.05	72.51	72.47	73.73	74.07	75.21
26	71.95	74.22	71.19	78.74	78.08	74.62	72.03	72.64	72.50	72.12	76.89	72.38
27	71.94	71.39	71.45	79.91	78.54	74.57	72.06	72.68	72.47	73.14	76.20	72.32
28	75.00	71.29	71.88	76.95	77.67	74.40	72.05	73.33	72.44	73.42	74.05	72.33
29	75.48	71.29	76.62	76.87	---	74.36	72.04	72.91	72.42	72.62	72.27	72.59
30	74.84	71.30	78.19	76.24	---	75.59	72.04	72.65	72.43	72.88	71.93	71.21
31	73.18	---	77.62	76.90	---	78.65	---	72.65	---	72.81	71.95	---
MEAN	73.0	72.4	75.7	76.4	76.2	77.1	74.2	72.2	73.3	73.7	73.5	73.0
MAX	77.19	75.37	80.09	79.91	79.28	81.98	78.57	73.33	77.61	78.01	76.89	76.90
MIN	71.72	71.29	71.17	73.05	72.01	73.06	71.64	71.57	72.42	72.12	71.78	71.21

CAL YR 1986 MEAN 72.8 MAX 80.09 MIN 71.17
WTR YR 1987 MEAN 74.2 MAX 81.98 MIN 71.17

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 upsteam from confluence with Broad River and 3.3 mi west of State Capital in Columbia, and at mile 1.67.

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

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

GAGE.--Water-stage recorder 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 fair, except for estimated daily discharges: Oct. 2-7, Nov. 21-23, Jan. 2, Mar. 3-4, and Jul. 6-8, which are poor. Flow regulated by Lake Murray (see sta 02168500).

AVERAGE DISCHARGE.--62 years, 2867 ft^3/s, 15.45 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, Jul. 13, 1930; minimum daily, 12 ft^3/s, Jul., 13, 1930, caused by construction work above station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 16,700 ft^3/s, Aug. 26, gage height, 7.69 ft; minimum, 231 ft^3/s, gage height 1.55 ft, Nov. 19-20, May 11-12; minimum daily, 241 ft^3/s, Nov.29.

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	3670	589	5520	2650	4060	8410	7110	470	4680	599	730	473
2	4300	420	5360	4100	4740	10800	7160	465	5720	663	1020	516
3	2200	832	4110	6980	3190	11800	5200	483	6340	625	4220	467
4	2000	1010	3860	6760	3860	12000	3960	467	1300	742	3250	455
5	1100	930	9120	6630	4980	12100	3930	465	907	638	1040	502
6	930	3070	4990	6580	5050	11700	4320	457	707	680	659	554
7	1200	1020	1010	3900	3490	9120	3960	379	659	720	1050	2390
8	1310	3040	2020	3010	3050	6720	3450	371	947	4900	751	3370
9	2350	2260	4710	4290	7700	12400	2460	345	885	5710	672	4390
10	1500	896	4600	1140	5150	11600	2310	381	643	6940	5620	5450
11	1140	446	4370	1400	4300	12400	1350	349	680	974	855	4920
12	727	747	3870	4260	3490	8590	1260	372	3800	566	507	3550
13	614	491	5790	3870	5010	5580	1590	358	1070	5680	716	1030
14	957	1290	5590	4660	4820	3470	1840	364	662	1050	606	1300
15	525	952	5670	3110	3440	1150	4990	377	645	547	616	923
16	511	445	4310	1710	8370	3270	5820	416	619	542	614	1080
17	496	432	4160	1460	8180	4090	1240	444	4500	526	5600	481
18	487	315	5320	1470	5900	2370	849	520	774	546	5140	2540
19	482	243	5450	3630	3860	1820	844	680	715	474	2450	690
20	480	2480	2450	6560	2600	1280	918	684	595	1200	844	452
21	479	1320	1950	5990	561	1100	1650	888	632	6110	2110	565
22	478	460	7030	10900	619	1150	928	661	901	5370	514	1150
23	479	360	5220	9220	749	2760	351	621	913	6520	1100	435
24	479	264	1180	5250	3790	3930	387	562	823	1680	613	386
25	501	260	323	3480	4000	2760	475	596	679	2000	2380	3310
26	501	1910	263	7810	6380	2640	516	639	679	557	6060	754
27	488	545	295	9500	7960	2670	514	660	663	1110	5110	643
28	2980	254	383	5690	7100	2550	522	1220	575	1480	2620	648
29	3410	241	623	4930	---	2120	499	791	555	712	660	974
30	2950	287	725	4540	---	3830	507	650	545	989	453	312
31	1210	---	784	4980	---	7050	---	637	---	871	484	---
TOTAL	40934	27809	111056	150460	126399	183230	70910	16772	43813	61721	59064	44710
MEAN	1320	927	3582	4854	4514	5911	2364	541	1460	1991	1905	1490
MAX	4300	3070	9120	10900	8370	12400	7160	1220	6340	6940	6060	5450
MIN	478	241	263	1140	561	1100	351	345	545	474	453	312

CAL YR 1986 TOTAL 253812 MEAN 1627 MAX 9120 MIN 214
WTR YR 1987 TOTAL 936878 MEAN 2567 MAX 12400 MIN 241

02169500 CONGAREE RIVER AT COLUMBIA, SC

LOCATION.--Lat 33°59'35'', long 81°03'00'', Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft downstream from Gervais Street Bridge, 1.4 mi downstream from confluence of Broad and Saluda Rivers, and at mile 174.8.

DRAINAGE AREA.--7,850 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 113.02 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Flow regulate by Lake Murray (see sta 02168500) on the Saluda River and to some extent, at low and medium flow, by powerplants on Broad River. City of Columbia diverted about 49 ft^3/s above station for municipal supply.

AVERAGE DISCHARGE.--48 years, 9,257 ft^3/s, 16.01 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, 123,000 ft^3/s, Mar. 3, gage height, 26.67 ft; minimum, 967 ft^3/s, Oct. 21, gage height 1.68 ft; minimum daily, 1410 ft^3/s, Sept. 24.

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	4960	1970	15500	14200	10300	70500	25600	5110	5470	4740	3130	2590
2	7510	2070	12800	23300	12200	101000	22400	5560	8500	2600	3530	1540
3	4780	3220	14200	27200	11700	120000	17400	5250	9570	2250	5260	2510
4	5300	5180	19100	15500	12700	78300	15100	5200	5380	2620	4650	1840
5	2870	5530	22600	11900	14800	44100	14600	5390	6100	5140	2820	2050
6	1570	7560	13000	12400	14600	30900	13800	5430	5590	5140	3540	3030
7	2130	3200	7440	10600	10200	18200	13400	5310	5540	5160	4620	7260
8	3360	4000	6810	8020	8550	17600	11700	5850	5500	7860	3250	13700
9	4070	5260	8810	10300	15200	20000	10800	5210	3400	8270	3060	12300
10	5810	3540	8890	7540	11000	22300	11100	5150	3020	8290	8720	14000
11	6560	4980	11000	6890	9350	22900	7210	3450	3260	3060	4390	10500
12	3240	5760	14400	9090	8380	18100	7060	3090	6630	3630	1530	11900
13	2030	5380	17000	8600	9510	14100	6850	4940	3860	7670	3270	10800
14	2450	5820	15500	9330	9410	12000	7680	5580	4720	4390	3660	12400
15	3620	8060	11300	8170	8270	6520	10500	5350	5050	2820	3010	8390
16	5160	5420	9440	6870	15900	7950	13900	5380	2520	2560	1660	4980
17	5340	5460	9720	6700	16300	9850	7380	4790	7600	3000	5510	2080
18	4820	5330	11100	6670	11600	9310	8130	4640	3600	1590	6190	4830
19	1800	4940	11500	24600	12900	8890	7900	4840	5550	2560	4940	3160
20	1620	6020	8630	41400	10900	8830	6090	4870	5560	3300	2080	2240
21	2030	6260	6690	34400	9040	9260	6640	5160	6530	5910	3180	3800
22	2890	6150	10800	40200	6140	8770	9410	4710	9970	7260	2930	4640
23	3400	5760	9990	39800	6340	8630	6750	4700	6480	9060	2930	2550
24	5130	4970	7020	26600	8730	9780	5310	4820	3680	3780	2810	1410
25	5550	5150	16300	15800	11600	10300	5950	4650	2970	3650	3910	5030
26	5090	8740	28900	23000	13800	10400	9120	4350	5020	1740	6280	2770
27	3230	11700	19600	28400	20000	11200	7980	2220	5720	2080	5680	2210
28	12500	16200	10000	18900	39000	15000	7170	4190	5110	2640	4080	1840
29	8260	17400	13600	16500	---	13900	6310	5740	4920	2430	2120	3130
30	4880	7470	11100	14300	---	17800	5380	5680	5110	3870	1520	3310
31	2590	---	12600	10600	---	23700	---	5040	---	3430	1820	---
TOTAL	134550	188500	395340	537780	348420	780090	308620	151650	161930	132500	116080	162790
MEAN	4340	6283	12750	17350	12440	25160	10290	4892	5398	4274	3745	5426
MAX	12500	17400	28900	41400	39000	120000	25600	5850	9970	9060	8720	14000
MIN	1570	1970	6690	6670	6140	6520	5310	2220	2520	1590	1520	1410

CAL YR 1986 TOTAL 1961600 MEAN 5374 MAX 44400 MIN 967
WTR YR 1987 TOTAL 3418250 MEAN 9365 MAX 120000 MIN 1410

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, May 25-29 and June 3-23, which are poor. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--21 years, 76.2 ft^3/s, 17.36 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)
Oct. 9	1600	648	5.54	Mar. 27	2300	665	5.60
Nov. 12	1200	*1060	*6.73	Jun. 27	0100	687	5.67
Jan. 19	1200	988	6.55	Sept. 7	2000	549	5.19
Jan. 22	1200	1000	6.59	Sept. 10	0500	950	6.45
Mar. 1	0600	1030	6.65				

Minimum daily, 9.8 ft^3/s, Oct. 1.

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	9.8	58	163	167	113	899	264	40	18	54	70	86
2	10	42	178	180	112	543	219	41	62	55	53	63
3	11	37	160	142	108	307	193	36	100	99	41	55
4	12	32	133	112	100	225	169	76	250	343	31	51
5	12	30	113	91	93	178	142	88	110	282	24	205
6	12	29	91	78	88	143	115	52	65	215	27	191
7	11	28	88	74	99	116	100	47	54	139	178	305
8	69	27	86	72	91	137	95	43	50	93	125	359
9	258	27	85	69	82	140	90	35	47	74	154	254
10	185	26	84	70	77	138	84	31	45	64	94	641
11	277	23	89	67	75	125	80	28	46	58	102	307
12	183	531	109	62	79	113	77	37	48	53	48	233
13	118	335	106	57	74	99	91	53	70	50	39	282
14	120	252	99	53	70	88	116	69	48	41	42	240
15	87	347	92	54	68	82	48	56	80	32	43	161
16	68	267	87	60	215	87	21	47	75	22	41	113
17	64	185	84	89	192	106	21	40	47	18	37	95
18	58	135	80	215	165	80	42	34	60	16	31	80
19	49	109	77	777	128	90	68	35	130	15	27	46
20	40	276	74	621	98	71	65	50	70	14	24	65
21	35	232	69	324	81	77	62	35	45	14	22	63
22	32	189	56	806	93	63	60	29	40	14	20	56
23	29	148	47	639	101	60	56	28	37	13	18	50
24	28	120	57	328	88	61	68	27	33	12	16	40
25	37	203	53	280	84	167	62	26	197	12	14	34
26	44	152	54	296	85	196	57	25	323	11	13	28
27	36	81	54	230	222	281	51	23	412	11	13	26
28	32	94	51	179	476	578	49	21	185	92	12	26
29	29	124	50	149	---	330	45	20	102	115	12	24
30	27	122	50	131	---	370	42	18	69	139	19	47
31	27	---	50	121	---	353	---	17	---	99	92	---
TOTAL	2009.8	4261	2669	6593	3357	6303	2652	1207	2918	2269	1482	4226
MEAN	64.8	142	86.1	213	120	203	88.4	38.9	97.3	73.2	47.8	141
MAX	277	531	178	806	476	899	264	88	412	343	178	641
MIN	9.8	23	47	53	68	60	21	17	18	11	12	24

CAL YR 1986 TOTAL 25223.1 MEAN 69.1 MAX 1730 MIN 3.6
WTR YR 1987 TOTAL 39946.8 MEAN 109 MAX 899 MIN 9.8

02169625 CONGAREE RIVER WEST OF WISE LAKE NEAR GADSDEN, SC

LOCATION.--Lat 33°48'38'', long 80°52'02'', Richland County, Hydrologic Unit 03050110, on left bank at the southeast boundary of the Congaree Swamp National Monument, and at mile 152.9.

DRAINAGE AREA.--8,290 mi^2, approximately.

PERIOD OF RECORD.--April 1981 to September 1986, daily discharges. October 1986 to September 1987, mean gage heights, (discontinued).

GAGE.--Water-stage recorder and data collection platform. Datum of gage is 90.84 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Station operated as a daily discharges site from April to September 1986.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jan. 6, 1982, gage height, 18.15 ft; minimum daily, 1200 ft^3/s, Sept. 21 and Oct. 18, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, undetermined, minimum gage height, undetermined.

GAGE HEIGHT (FEET ABOVE DATURM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.54	2.56	9.51	12.58	---	---	15.82	5.62	3.84	5.81	---	2.57
2	5.57	1.77	13.30	14.14	---	---	15.76	5.88	7.15	4.37	---	2.50
3	7.24	2.31	11.75	15.70	---	---	15.30	5.79	8.98	3.11	---	1.87
4	4.80	4.05	14.24	15.43	---	---	14.36	5.78	8.45	2.86	---	2.53
5	5.26	5.45	14.64	13.70	---	---	13.69	5.83	6.06	4.53	---	1.78
6	2.30	6.37	14.65	12.41	---	---	13.31	5.83	6.23	5.83	---	2.85
7	1.01	6.09	11.57	12.24	---	---	12.80	5.87	5.91	5.72	---	4.47
8	3.08	2.94	8.35	9.62	---	---	12.16	5.88	5.87	5.85	---	8.68
9	3.36	5.01	7.94	9.25	---	---	11.31	6.28	4.77	8.30	---	12.56
10	6.11	4.54	9.24	9.92	---	---	11.10	5.71	3.53	7.99	---	11.93
11	7.14	4.10	9.37	7.52	---	---	9.72	5.36	3.06	8.03	---	11.65
12	5.78	5.54	12.14	7.99	---	---	8.10	3.30	3.79	3.98	---	11.39
13	3.16	6.63	12.88	9.17	---	---	7.45	4.35	6.63	4.73	---	10.68
14	2.38	6.18	13.77	8.75	---	---	7.84	5.58	3.75	8.00	---	12.11
15	3.14	8.16	12.48	8.93	---	---	8.04	5.79	5.35	4.02	3.76	10.86
16	4.71	7.06	11.13	7.96	---	---	11.85	5.71	3.86	2.85	2.41	7.06
17	5.38	6.15	9.96	7.08	---	12.48	10.18	5.28	3.70	3.25	1.79	4.88
18	5.47	6.07	10.32	7.05	---	10.34	9.16	5.01	6.59	---	6.18	3.11
19	3.65	5.77	10.66	10.80	---	9.22	8.53	5.04	4.98	---	6.65	5.48
20	1.54	4.93	10.66	16.26	---	9.15	7.14	4.89	5.83	---	4.08	2.88
21	1.61	7.99	8.15	16.89	---	9.43	6.48	5.26	6.15	---	1.97	3.53
22	1.83	6.43	7.93	16.83	---	9.21	9.42	5.14	8.30	---	3.65	3.95
23	3.22	6.83	10.63	---	---	8.93	7.72	4.84	8.19	---	2.31	4.56
24	3.91	5.91	8.94	---	---	8.82	6.21	4.99	5.66	---	3.08	2.04
25	5.40	5.53	9.50	---	---	10.04	6.24	4.63	3.93	---	2.27	2.52
26	5.58	6.16	15.11	---	---	10.67	---	4.96	3.63	---	3.89	4.57
27	4.33	10.64	15.76	---	---	10.47	---	3.46	7.79	---	6.29	2.62
28	7.17	11.41	12.71	---	---	12.37	---	2.38	6.83	---	5.81	2.19
29	9.40	13.79	11.91	---	---	12.98	7.03	5.39	6.03	---	3.66	2.10
30	7.18	11.89	11.91	---	---	13.35	6.07	5.76	5.82	---	1.81	3.34
31	4.31	---	11.01	---	---	14.69	---	5.59	---	---	1.60	---
TOTAL	137.56	188.26	352.12	---	---	---	---	161.18	170.66	---	---	163.26
MEAN	4.44	6.28	11.4	---	---	---	---	5.20	5.69	---	---	5.44
MAX	9.40	13.79	15.76	---	---	---	---	6.28	8.98	---	---	12.56
MIN	1.01	1.77	7.93	---	---	---	---	2.38	3.06	---	---	1.78

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.--Estimated daily discharges, Jul. 15-28. Records fair.

AVERAGE DISCHARGE.--21 years, 13.6 ft^3/s, 18.47 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, 4.5 ft^3/s, May 25, 26, Jul. 15, 1981, July 19, 20, Oct. 5-7, 1986.

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)
Jun. 19	0045	*87	*3.32				

Minimum, 4.5 ft^3/s, Oct. 5,6,7, gage height, 0.58; Minimum daily, 4.7 ft^3/s Oct. 5-7.

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	5.8	20	16	33	16	58	22	12	8.4	11	8.3	22
2	5.3	17	17	21	19	33	20	12	8.7	11	8.6	15
3	4.8	12	16	15	19	27	20	12	8.9	15	9.1	12
4	4.8	11	13	13	16	25	20	14	11	14	8.4	11
5	4.7	9.6	11	12	16	23	19	17	15	12	7.8	25
6	4.7	10	11	12	16	22	18	14	10	11	7.4	22
7	4.7	10	10	12	20	21	18	13	8.9	9.9	9.2	25
8	26	9.6	9.9	11	17	25	18	12	8.5	9.4	13	20
9	19	9.1	9.9	11	16	25	18	12	8.4	9.3	22	14
10	38	8.6	12	11	15	25	17	11	8.3	9.1	13	15
11	24	8.5	12	11	15	21	17	11	8.2	9.0	11	13
12	17	33	17	11	15	21	17	12	8.2	9.2	10	14
13	12	24	14	11	15	20	17	13	9.2	9.1	9.2	17
14	30	13	11	10	15	20	17	12	13	9.2	8.6	14
15	15	20	11	11	15	19	17	12	14	9.0	8.6	12
16	10	15	10	12	40	19	17	12	11	8.0	8.6	11
17	8.5	13	10	17	29	18	17	13	11	7.9	8.7	10
18	7.8	12	10	25	20	18	17	12	27	7.8	8.5	9.8
19	7.3	10	9.9	43	18	28	16	11	46	7.8	8.8	9.9
20	7.0	25	9.8	29	17	23	16	14	19	7.8	9.2	11
21	6.9	18	9.7	20	17	20	16	16	14	7.8	8.7	9.7
22	6.8	13	9.4	57	20	19	15	13	13	7.7	8.1	9.3
23	6.5	13	9.7	33	20	18	15	12	12	7.6	7.7	9.0
24	6.4	13	12	24	17	18	16	10	10	7.6	7.8	9.0
25	7.9	12	11	25	16	29	15	9.7	21	7.6	7.8	8.9
26	8.7	13	10	26	17	26	14	9.4	26	8.7	8.0	8.8
27	9.8	11	10	22	38	21	14	9.0	31	7.6	8.1	9.0
28	7.6	10	10	19	50	24	13	8.9	17	7.5	7.6	9.0
29	7.0	9.9	10	18	---	21	13	8.6	13	8.4	6.7	9.1
30	11	13	10	18	---	31	13	8.6	12	9.1	6.8	12
31	9.2	---	9.9	17	---	27	---	8.5	---	8.6	17	---
TOTAL	344.2	416.3	352.2	610	564	745	502	364.7	431.7	284.7	292.3	396.5
MEAN	11.1	13.9	11.4	19.7	20.1	24.0	16.7	11.8	14.4	9.18	9.43	13.2
MAX	38	33	17	57	50	58	22	17	46	15	22	25
MIN	4.7	8.5	9.4	10	15	18	13	8.5	8.2	7.5	6.7	8.8

CAL YR 1986 TOTAL 3451.9 MEAN 9.46 MAX 38 MIN 4.6
WTR YR 1987 TOTAL 5303.6 MEAN 14.5 MAX 58 MIN 4.7

02169672 CEDAR CREEK AT CEDAR CREEK HUNT CLUB NEAR GADSDEN, SC

LOCATION.--Lat 33°48'58'', long 80°49'39'', Richland County, Hydrologic Unit 03050110, on left bank at Cedar Creek Hunt Club, 4.1 miles southwest of Gadsden, 500 ft north of Wise Lake in the Congaree Swamp National Monument.

DRAINAGE AREA.--69.9 mi^2, approximately.

PERIOD OF RECORD.--November 1980 to November 1983, June 1985 to September 1986, April 1987 to September 1987. (Discoutiued)

GAGE.--Water-stage recorder. Datum of gage is 93.33 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for estimated daily discharges; Sept. 7-16, which are poor. This station is located in the Congaree River flood plain. When flood conditions exist on the Congaree River (discharge greater than about 25,000 ft^3/s at 02169625) varying degrees of backwater effect flow at this site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, gage height, undetermined; minimum daily, undetermined.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge, undetermined, maximum gage height, 4.03 ft, Sept. 11; minimum daily, 19 ft^3/s, Jul. 26-28.

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	---	---	---	---	---	---	---	37	25	43	31	82
2	---	---	---	---	---	---	---	41	29	38	30	82
3	---	---	---	---	---	---	---	49	40	44	29	60
4	---	---	---	---	---	---	---	60	45	50	27	44
5	---	---	---	---	---	---	---	59	62	47	26	55
6	---	---	---	---	---	---	---	64	72	41	25	85
7	---	---	---	---	---	---	---	64	65	36	32	114
8	---	---	---	---	---	---	---	57	52	32	39	150
9	---	---	---	---	---	---	---	50	43	30	43	250
10	---	---	---	---	---	---	---	45	37	28	43	240
11	---	---	---	---	---	---	---	40	34	27	41	235
12	---	---	---	---	---	---	---	38	32	50	39	230
13	---	---	---	---	---	---	---	37	31	77	34	220
14	---	---	---	---	---	---	---	38	38	82	31	225
15	---	---	---	---	---	---	---	48	45	56	28	180
16	---	---	---	---	---	---	---	49	43	39	27	103
17	---	---	---	---	---	---	---	46	43	32	26	76
18	---	---	---	---	---	---	---	42	41	28	25	62
19	---	---	---	---	---	---	---	39	45	26	24	54
20	---	---	---	---	---	---	---	36	46	25	23	50
21	---	---	---	---	---	---	71	35	41	24	23	46
22	---	---	---	---	---	---	65	34	38	22	23	42
23	---	---	---	---	---	---	34	33	36	21	22	39
24	---	---	---	---	---	---	25	31	34	21	22	37
25	---	---	---	---	---	---	22	30	34	20	22	35
26	---	---	---	---	---	---	23	28	49	19	21	33
27	---	---	---	---	---	---	27	27	79	19	21	32
28	---	---	---	---	---	---	31	30	81	19	20	31
29	---	---	---	---	---	---	34	29	67	20	21	30
30	---	---	---	---	---	---	36	28	53	24	23	34
31	---	---	---	---	---	---	---	26	---	29	33	---
TOTAL	---	---	---	---	---	---	---	1270	1380	1069	874	2956
MEAN	---	---	---	---	---	---	---	41.0	46.0	34.5	28.2	98.5
MAX	---	---	---	---	---	---	---	64	81	82	43	250
MIN	---	---	---	---	---	---	---	26	25	19	20	30

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 miles east, southeast, of Fort Motte and at mile 123.3.

DRAINAGE AREA.--14,100 mi^2, approximately.

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

GAGE.--Data collection platform. Datum of gage is 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 recorded gage height, 15.95 ft, Mar. 4 (maximum observed gage height, 17.90 ft, Mar. 5, by Santee Cooper personnel); minimum gage height, 5.17 ft, Oct. 8.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.57	6.99	9.95	10.74	11.34	11.28	11.21	8.83	6.87	7.35	6.64	5.61
2	5.88	6.36	10.06	---	11.05	12.05	11.47	8.76	6.39	7.07	6.47	5.88
3	6.74	5.91	10.43	11.02	10.89	13.75	11.70	8.86	7.20	6.59	6.21	5.70
4	---	5.97	10.54	11.31	10.78	15.71	11.73	8.79	8.08	6.74	6.46	5.72
5	---	6.98	10.77	11.53	10.76	---	11.58	8.81	8.00	6.79	7.01	5.83
6	5.87	7.30	11.02	11.47	10.77	---	11.39	8.84	7.95	7.43	6.63	5.91
7	5.31	7.82	11.08	11.22	10.84	---	11.24	8.84	7.85	7.56	6.71	6.53
8	5.48	6.93	10.53	10.92	10.71	---	11.10	8.77	7.45	7.46	6.99	7.80
9	5.85	6.38	9.75	10.42	10.22	---	10.94	8.78	6.90	7.71	6.90	9.49
10	6.63	6.52	9.69	10.25	10.20	---	10.77	8.66	6.14	8.26	6.86	10.15
11	7.34	5.98	9.77	9.80	10.37	---	10.63	8.31	5.78	8.43	7.82	10.41
12	7.37	6.50	9.99	9.33	10.25	---	10.18	7.50	5.63	7.68	7.52	10.54
13	6.70	7.46	10.37	9.50	9.94	---	9.54	7.48	6.16	7.14	6.34	10.64
14	6.26	7.70	10.64	9.53	9.85	---	9.22	7.53	6.20	7.77	6.32	10.62
15	6.66	8.11	10.86	9.53	9.87	---	9.46	7.76	6.07	7.56	6.25	10.67
16	6.56	8.66	10.79	9.09	9.85	---	9.82	7.14	6.15	6.55	6.13	10.36
17	6.53	8.47	10.43	7.96	10.28	---	10.24	7.11	5.69	6.03	5.94	9.69
18	6.49	8.45	10.18	7.24	10.66	---	10.11	6.66	6.53	5.98	6.39	8.80
19	6.36	8.24	10.17	7.41	10.83	---	9.99	6.39	6.44	5.84	7.06	8.82
20	5.74	7.97	---	9.50	10.84	10.29	9.75	6.81	6.53	6.04	7.07	8.60
21	5.50	8.34	---	10.81	10.71	10.24	9.35	7.14	6.96	---	6.26	7.98
22	5.48	8.89	8.83	11.92	---	10.22	9.38	7.26	7.29	---	5.88	7.70
23	5.58	8.56	9.19	12.50	8.79	10.12	9.69	6.83	7.83	7.76	5.80	7.14
24	---	7.92	9.59	12.73	8.32	9.93	9.38	6.66	7.43	8.06	5.55	6.48
25	---	7.54	9.29	12.90	8.80	10.04	8.99	6.35	6.93	7.58	5.64	6.03
26	---	7.92	9.71	12.70	9.59	10.23	8.92	6.39	6.84	7.03	5.74	6.51
27	6.52	8.75	10.19	12.32	10.17	10.33	9.42	6.48	7.54	6.27	6.24	6.22
28	6.47	9.82	10.89	12.09	10.73	10.43	9.63	5.67	8.05	5.83	6.59	5.97
29	8.55	10.31	11.06	12.07	---	10.69	9.40	6.27	7.64	6.33	6.46	5.68
30	8.55	10.48	10.88	11.92	---	10.92	9.13	7.03	7.37	6.53	5.71	5.82
31	7.66	---	10.72	11.65	---	11.05	---	7.16	---	6.75	5.41	---
MEAN	---	7.77	---	---	---	---	10.2	7.54	6.93	---	6.42	7.78
MAX	---	10.48	---	---	---	---	11.73	8.86	8.08	---	7.82	10.67
MIN	---	5.91	---	---	---	---	8.92	5.67	5.63	---	5.41	5.61

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. 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, 76.78 ft, Mar. 11; minimum, 72.03 ft, Jan. 21.

Capacity table (elevation, in feet), and
Usable contents, (in billions of cubic feet)
(Prepared from volume curve drawn by Harza Engineering Co.)

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.45	74.85	74.71	72.69	75.67	74.32	75.74	75.07	74.67	75.52	75.02	74.72
2	74.41	74.81	74.79	72.69	75.69	74.45	75.76	75.12	74.64	75.51	75.04	74.73
3	74.45	74.76	74.73	72.66	75.58	74.34	75.94	75.20	74.72	75.49	75.03	74.59
4	74.53	74.72	74.68	72.70	75.50	74.64	76.01	75.24	74.91	75.50	75.00	74.62
5	74.56	74.74	74.69	72.79	75.43	75.71	76.04	75.18	74.84	75.51	74.99	74.81
6	74.55	74.77	74.70	72.95	75.34	76.03	76.03	75.23	74.90	75.53	74.99	74.87
7	74.49	74.83	74.78	73.05	75.30	76.34	76.04	75.20	75.02	75.56	75.03	74.77
8	74.60	74.78	74.83	73.10	75.43	76.70	75.97	75.10	75.09	75.54	75.04	74.62
9	74.61	74.63	74.79	73.07	75.09	76.68	75.89	75.11	75.12	75.44	75.09	74.48
10	74.73	74.56	74.69	73.09	74.90	76.71	75.78	75.09	75.06	75.41	75.11	74.39
11	74.78	74.59	74.63	72.98	74.78	76.68	75.69	74.99	75.09	75.43	75.20	74.43
12	74.86	74.67	74.55	72.71	74.67	76.69	75.58	74.83	74.98	75.58	75.21	74.57
13	74.88	74.69	74.30	72.53	74.53	76.67	75.42	74.66	74.97	75.61	75.12	74.70
14	74.94	74.65	74.25	72.42	74.44	76.65	75.19	74.57	75.06	75.61	75.03	74.77
15	74.92	74.68	74.17	72.32	74.30	76.68	75.19	74.53	75.09	75.58	75.02	74.87
16	74.89	74.78	74.12	72.29	74.40	76.65	75.12	74.49	75.06	75.54	75.03	75.04
17	74.89	74.90	74.05	72.22	74.22	76.59	75.10	74.48	75.02	75.42	74.97	75.17
18	74.90	74.97	73.99	72.15	74.14	76.37	75.15	74.36	75.08	75.38	74.86	75.19
19	74.94	74.97	73.80	72.18	74.11	76.55	75.22	74.22	75.12	75.33	74.80	75.21
20	74.88	75.16	73.68	72.12	74.14	76.50	75.27	74.18	75.12	75.27	74.83	75.22
21	74.84	75.03	73.51	72.09	74.13	76.42	75.21	74.22	75.16	75.26	74.75	75.23
22	74.83	74.93	73.32	72.48	74.19	76.30	75.09	74.28	75.17	75.26	74.67	75.20
23	74.74	74.88	73.13	72.86	74.01	76.27	75.00	74.29	75.23	75.27	74.54	75.09
24	74.67	74.75	73.00	73.40	73.86	76.15	75.01	74.21	75.25	75.27	74.53	74.98
25	74.73	74.50	72.83	74.10	73.69	76.10	74.97	74.21	75.30	75.20	74.54	74.82
26	74.84	74.37	72.68	74.67	73.61	76.02	74.97	74.26	75.33	75.09	74.50	74.79
27	74.87	74.33	72.58	75.07	73.75	75.90	75.04	74.33	75.35	75.00	74.46	74.81
28	74.85	74.40	72.52	75.31	73.89	75.76	75.10	74.35	75.43	74.96	74.41	74.74
29	74.92	74.49	72.55	75.46	---	75.77	75.11	74.38	75.53	74.97	74.53	74.61
30	74.92	74.67	72.58	75.70	---	75.79	75.09	74.45	75.55	74.94	74.54	74.58
31	74.88	---	72.52	75.67	---	75.88	---	74.55	---	74.98	74.76	---
MAX	74.94	75.16	74.83	75.70	75.69	76.71	76.04	75.24	75.55	75.61	75.21	75.23
MIN	74.41	74.33	72.52	72.09	73.61	74.32	74.97	74.18	74.64	74.94	74.41	74.39
[+]	39.1	38.2	29.7	42.6	35.0	43.6	40.0	37.7	42.1	39.6	38.6	37.9
[*]	597	-347	-3174	4816	-3142	3211	-1389	-859	1698	-933	-373	-270

CAL YR 1986 * -54 MAX 75.96 MIN 72.17
WTR YR 1987 * 13 MAX 76.71 MIN 72.09

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

02171500 SANTEE RIVER NEAR PINEVILLE, SC

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi downstream from Lake Marion Dam, 3.0 mi upstream from Dead River, 6.7 mi west of Pineville, and at mile 85.0.

DRAINAGE AREA.--14,700 mi^2, approximately.

PERIOD OF RECORD.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.0 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.--Records fair, except those for discharges above 9,000 ft^3/s, which are poor. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through Diversion Canal (02170500) into Lake Moultrie (02172000) for generation of power and for navigation, then discharged into Cooper River Basin. Seepage from north dike of Lake Marion Dam bypasses station via Little River.

AVERAGE DISCHARGE.--42 years, 2,356 ft^3/s, 2.18 in/yr.

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 155,000 ft^3/s, Sept. 23, 1945, gage height, 31.1 ft (from floodmarks), from rating curve extended above 13,000 ft^3/s by computation of flow over spillway at Lake Marion; minimum daily, 9.0 ft^3/s, Feb. 23, 1947 (caused by repair work at spillway).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 25,600 ft^3/s, Dec. 13, gage height, 13.65 ft; minimum daily, 395 ft^3/s, Oct. 14.

DISCHARGE FOR 1986 AND 1987 WATER YEARS WILL BE INCLUDED WITH 1988 WATER RESOURCES DATA

02171560 SANTEE RIVER NEAR RUSSELLVILLE, SC

LOCATION.--Lat 33°29'38'', long 80°57'38'', Berkeley County, Hydrologic Unit 03050112, on downstream side of U.S. Highway 52 bridge, 5.2 mi northeast of Russellville, and at mile 63.7.

DRAINAGE AREA.--14,800 mi^2.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 10.59 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Flow completely regulated by Lake Marion (see sta 02171000). Water is diverted above station from Lake Marion through canal (see sta 02170500) into Lake Moultrie (see sta 02172000) for generation of power and for navigation, then discharged into Cooper River.

AVERAGE DISCHARGE.--6 years, 3,370 ft^3/s, 3.09 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,400 ft^3/s Apr. 1, 1980, gage height, 24.45 ft; minimum daily, 398 ft^3/s, Oct. 8, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 36,100 ft^3/s, May 14, gage height, 21.79 ft, Feb. 22; minimum daily, 481 ft^3/s, Oct. 15.

DISCHARGE FOR 1986 AND 1987 WATER YEARS WILL BE INCLUDED WITH 1988 WATER RESOURCES DATA

02171620 CRAWL CREEK NEAR PINEVILLE, SC

LOCATION.--Lat 33°26'18'', long 79°59'47'', Berkeley County, Hydrologic Unit 03050112, at bridge on State Highway 6, 1.0 mi upstream from U.S. Highway 52, 2.5 mi east of Pineville, and at mile 3.1.

PERIOD OF RECORD.--Water years 1975 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
OCT 27...	1115	103	7.00	19.0	7.0	43	772	6.7	71
NOV 05...	1500	113	6.80	18.0	7.2	57	772	7.2	75
DEC 16...	1100	130	6.60	11.5	6.0	45	780	8.8	79
JAN 28...	1215	120	6.70	7.0	7.0	52	778	11.2	90
FEB 23...	1900	100	6.90	11.0	8.0	39	775	9.2	82
MAR 20...	1715	80	6.80	11.5	8.5	100	770	8.9	81
APR 28...	1145	96	6.90	18.0	15	120	762	6.7	71
MAY 29...	1900	86	7.10	24.0	27	110	763	6.0	71
JUN 30...	1200	90	6.90	24.0	9.0	26	765	6.3	75
JUL 30...	1100	92	7.10	25.0	7.0	35	762	6.4	78
AUG 27...	1530	93	7.00	29.0	7.0	55	765	6.5	84
SEP 03...	1330	115	6.70	24.5	6.0	57	762	6.2	74

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 27...	2.0	9	910	410	70	40	9	31	7.2
NOV 05...	6.0	5	930	490	60	50	7	42	6.8
DEC 16...	1.5	5	630	300	50	40	5	100	9.2
JAN 28...	1.5	2	340	200	30	20	2	89	7.5
FEB 23...	1.0	10	860	210	20	10	10	98	4.8
MAR 20...	0.5	7	10000	420	30	20	9	100	14
APR 28...	2.0	18	2100	900	100	50	23	89	13
MAY 29...	1.0	60	2900	1800	240	180	60	94	12
JUN 30...	1.0	6	580	300	60	50	10	64	4.7
JUL 30...	1.0	13	1400	740	120	70	13	97	6.4
AUG 27...	1.5	8	1400	980	110	80	7	100	8.1
SEP 03...	1.0	14	1400	630	120	110	8	100	12

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 1986 TO SEPTEMBER 1987

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	COLOR (PLATINUM-COBALT UNITS)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)
OCT 27...	1310	122	7.30	21.0	3.5	23	772	8.0	89
NOV 05...	1245	118	7.60	19.5	6.5	2	774	8.1	87
DEC 16...	1215	112	7.30	12.0	7.0	7	780	9.6	87
JAN 28...	1000	110	7.40	6.5	15	38	778	11.6	92
FEB 23...	1720	87	7.20	9.0	16	70	775	10.2	87
MAR 20...	1600	77	7.30	12.5	12	55	770	9.6	89
APR 28...	1250	82	6.90	19.0	17	55	762	7.1	77
MAY 29...	1720	96	6.80	26.5	12	70	764	5.7	71
JUN 30...	1245	92	7.00	28.5	10	60	765	5.9	76
JUL 30...	1200	102	6.90	29.0	7.0	18	762	5.3	69
AUG 27...	1635	95	7.10	30.0	8.0	8	765	6.1	80
SEP 03...	1030	110	7.10	27.0	12	25	762	6.1	77

DATE	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	SEDIMENT, SUSPENDED (MG/L)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	CARBON, ORGANIC TOTAL (MG/L AS C)
OCT 27...	1.0	4	850	340	120	90	4	90	3.9
NOV 05...	2.0	20	260	20	20	<10	18	72	3.9
DEC 16...	2.0	5	210	30	20	<10	5	98	6.3
JAN 28...	2.0	7	510	220	10	<10	7	86	4.6
FEB 23...	1.0	12	620	310	20	20	10	100	11
MAR 20...	1.0	7	12000	210	20	<10	9	100	5.5
APR 28...	2.0	14	1300	330	100	40	16	90	6.3
MAY 29...	1.0	7	1300	1100	530	510	14	79	2.8
JUN 30...	1.0	8	860	780	90	80	7	97	8.1
JUL 30...	0.5	5	1200	740	240	200	6	95	3.4
AUG 27...	1.0	14	690	180	70	50	12	92	4.0
SEP 03...	1.0	38	950	60	80	<10	28	100	5.6

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 South Carolina Highway 45, 1.4 mi southeast of Alvin, 3.3 mi upstream from mouth, and 7.5 mi northwest of Jamestown.

DRAINAGE AREA.--17.4 mi^2.

PERIOD OF RECORD.--September 1966 to Feb. 1972, Feb. 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above National Geodetic Vertical Datum of 1929(from topographic map).

REMARKS.--Records fair, except for estimated daily discharges, Mar. 6-17, Jul. 2 to Aug. 8, Sept. 8, Sept. 10-25, which are poor.

AVERAGE DISCHARGE.--19 years, 12.38 ft^3/s, 9.66 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)
Jan. 22	1900	279	4.63	Apr. 16	0200	106	3.79
Mar. 1	1600	294	4.68	Sept. 5	2330	*(+)	7.59
Mar. 10	0030	Backwater	*9.49				

Minimum discharge, 0.08 ft^3/s, Aug. 19, gage height, 1.16 ft; minimum daily, 0.14 ft^3/s, Aug. 19.

Note: (+) Unknown, probably exceeded 1300 ft^3/s, and possible backwater from swamp.

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	.71	.61	4.9	9.3	22	226	43	5.0	1.4	4.1	.60	3.8
2	.63	.95	11	14	19	211	32	5.0	1.5	5.0	.45	1.8
3	.57	1.2	10	12	19	128	25	4.8	1.4	6.0	.35	1.4
4	.56	.93	6.3	10	18	85	21	5.2	1.9	8.0	.28	15
5	.57	.82	4.7	8.7	16	59	18	8.1	2.1	5.5	.21	903
6	.51	1.0	3.8	7.4	14	52	16	6.3	1.5	3.5	.16	1220
7	.47	1.1	3.2	6.6	19	45	15	5.1	1.3	2.5	.70	550
8	.82	.95	2.9	6.3	24	40	14	4.5	1.2	1.5	1.7	240
9	1.5	.91	2.7	6.0	22	60	13	4.1	1.1	1.0	2.0	200
10	2.7	.94	2.6	7.2	17	58	12	3.7	1.0	.60	1.6	130
11	2.1	.99	5.8	11	14	50	11	3.5	1.0	.80	1.4	30
12	1.1	1.0	12	9.5	13	45	11	3.5	1.1	2.0	1.0	13
13	.83	1.1	19	8.4	12	40	11	3.5	1.4	1.0	.79	30
14	3.6	1.0	13	7.0	11	35	10	3.4	4.7	.80	.66	25
15	5.4	1.2	11	5.9	9.7	34	39	3.6	4.3	.70	.62	20
16	2.5	1.3	9.2	7.5	18	28	99	4.3	2.0	.60	.55	15
17	1.3	1.4	8.1	17	35	25	92	6.5	1.4	.50	.51	10
18	.85	1.6	7.6	31	32	21	79	4.3	1.1	.40	.28	7.0
19	.65	1.5	7.9	43	26	24	61	3.4	2.2	.35	.14	6.8
20	.54	6.4	7.5	42	21	34	48	3.1	3.6	.32	.30	6.2
21	.45	11	6.9	33	18	30	38	3.2	5.9	.29	.32	5.9
22	.40	5.1	6.4	165	24	25	26	2.9	3.9	.27	.24	5.5
23	.35	3.2	6.2	210	44	20	19	2.7	6.6	.24	.18	5.2
24	.29	2.6	12	114	43	17	15	2.4	17	.20	.16	4.8
25	.29	2.5	14	78	34	17	12	2.2	8.1	.20	.31	4.4
26	.52	2.3	11	86	26	27	9.9	2.3	14	.19	.28	4.1
27	.52	2.4	8.9	69	41	28	8.4	2.1	9.6	.19	.24	3.9
28	.36	2.9	7.4	50	106	26	7.3	1.9	6.9	.18	.16	3.9
29	.30	2.9	6.1	38	---	22	6.4	1.7	4.4	.18	.47	3.8
30	.57	3.5	5.4	30	---	29	5.7	1.6	3.3	.17	4.0	4.8
31	.51	---	5.0	26	---	44	---	1.5	---	.20	2.7	---
TOTAL	32.47	65.30	242.5	1168.8	717.7	1585	817.7	115.4	116.9	47.48	23.36	3474.3
MEAN	1.05	2.18	7.82	37.7	25.6	51.1	27.3	3.72	3.90	1.53	.75	116
MAX	5.4	11	19	210	106	226	99	8.1	17	8.0	4.0	1220
MIN	.29	.61	2.6	5.9	9.7	17	5.7	1.5	1.0	.17	.14	1.4

CAL YR 1986 TOTAL 2502.68 MEAN 6.86 MAX 111 MIN .09
WTR YR 1987 TOTAL 8406.84 MEAN 23.0 MAX 1220 MIN .14

02171700 SANTEE RIVER NEAR JAMESTOWN, SC

LOCATION.--Lat 33°18'17'', long 79°40'42'', Berkeley County, Hydrologic Unit 03050112, at downstream side of bridge on U.S. Highway 17A, 0.7 mi below Wittee Branch, 0.10 mi upstream from Seaboard Coastline Railroad, 1.5 mi northeast of Jamestown, and at mile 36.4.

DRAINAGE AREA.--About 15,000 mi^2.

PERIOD OF RECORD.--January 1974 to July 1976, September 1977 to current year. Gage height records July 1976 to September 1977 are in reports of the National Ocean Survey. April 1929 to current year (gage heights only) are in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by South Carolina Public Service Authority). Prior to Jan. 4, 1974, nonrecording gage at same site and datum. Prior to Nov. 19, 1963, nonrecording gage at Seaboard Railroad trestle, 400 ft downstream and at same datum.

REMARKS.--Gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant, several days during the year.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 32.0 ft, Apr. 15, 1936; minimum, 0.61 ft, Nov. 21, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 15.54 ft, Dec. 9; minimum recorded, 0.88 ft, Jul. 14.

DISCHARGE FOR 1987 WATER YEAR WILL BE INCLUDED WITH 1988 WATER RESOURCES DATA

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.

LOCATION.--Lat 33°14'43'', long 79°31'20'', Berkeley County Hydrologic Unit 03050112, near right bank 1.7 mi downstream from Echaw Creek, 4.9 mi northeast of Honey Hill, and at mile 25.0.

PERIOD OF RECORD.--November 1973 to July 1976, August 1977 to current year. Gage height records July 1976 to August 1977 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 13.23 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--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, 27.69 ft, Mar. 10; mininum, 13.15 ft, Jun. 10.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	16.52	13.78	18.54	16.76	19.82	18.67	22.10	21.79	22.34	22.29	21.74	21.59
2	16.54	13.75	18.10	15.90	20.04	19.42	22.06	21.99	22.35	22.29	21.63	21.47
3	16.60	13.87	18.25	15.95	19.89	19.37	22.12	22.03	22.34	22.30	21.77	21.54
4	16.70	13.92	18.27	15.95	20.09	19.45	22.10	21.99	22.34	22.30	22.06	21.77
5	16.62	13.76	18.07	15.63	20.35	19.81	22.02	21.82	22.33	22.30	22.46	22.07
6	16.99	13.80	17.70	15.10	20.49	20.09	21.85	21.70	22.38	22.31	23.02	22.46
7	17.28	14.32	17.55	14.96	20.52	20.22	21.77	21.69	22.38	22.34	24.53	23.02
8	17.35	14.76	17.50	14.75	20.53	20.29	21.88	21.72	22.36	22.27	26.57	24.55
9	16.82	14.08	18.29	16.91	20.59	20.34	21.97	21.84	22.31	22.26	27.53	26.60
10	16.98	13.96	18.30	16.40	20.70	20.41	22.08	21.94	22.31	22.27	27.69	27.54
11	17.24	14.73	17.56	15.34	21.23	20.64	22.09	22.05	22.32	22.27	27.62	27.23
12	17.38	14.57	16.91	14.60	21.67	21.20	22.13	22.06	22.32	22.27	27.24	26.63
13	17.30	14.72	17.06	14.51	21.89	21.63	22.16	22.09	22.32	22.28	26.62	25.90
14	17.40	14.94	17.77	14.38	22.04	21.86	22.17	22.07	22.28	22.14	25.90	25.20
15	16.88	14.21	18.28	16.27	22.14	22.01	22.08	21.83	22.26	22.10	25.20	24.59
16	16.97	14.37	17.20	15.02	22.18	22.10	21.84	21.57	22.25	22.12	24.59	24.09
17	16.98	14.44	17.31	14.75	22.23	22.14	21.58	21.21	22.15	22.09	24.08	23.65
18	16.96	14.21	17.81	15.49	22.27	22.20	21.23	20.77	22.20	22.11	23.64	23.25
19	16.98	14.25	17.61	15.69	22.26	22.20	20.78	19.67	22.24	22.17	23.25	23.03
20	17.12	14.25	18.42	16.37	22.30	22.22	20.05	19.67	22.31	22.22	23.03	22.82
21	17.15	14.52	17.82	16.73	22.32	22.25	20.89	19.88	22.30	22.24	22.82	22.65
22	16.86	14.33	18.75	17.65	22.30	22.26	21.45	20.92	22.29	22.13	22.67	22.55
23	16.48	14.00	19.01	18.34	22.31	22.25	21.78	21.44	22.13	21.92	22.58	22.47
24	16.25	13.77	19.02	18.55	22.40	22.31	22.04	21.78	21.91	21.63	22.47	22.40
25	16.67	14.20	19.40	18.71	22.36	22.29	22.24	22.04	21.66	21.52	22.44	22.38
26	16.79	14.56	19.91	19.19	22.33	22.24	22.33	22.22	---	---	22.43	22.40
27	16.44	14.26	20.10	19.75	22.25	22.10	22.36	22.30	21.77	21.57	22.44	22.39
28	16.15	13.70	20.01	19.40	22.09	21.86	22.37	22.30	21.80	21.64	22.43	22.39
29	16.35	13.74	19.53	18.53	21.85	21.68	22.36	22.30	---	---	22.41	22.33
30	17.34	14.66	19.18	18.12	21.69	21.58	22.34	22.27	---	---	22.41	22.37
31	18.14	16.25	---	---	21.79	21.54	22.33	22.26	---	---	22.42	22.35
MONTH	18.14	13.70	20.10	14.38	22.40	18.67	22.37	19.67	---	---	27.69	21.47

02171730 SANTEE RIVER NEAR HONEY HILL, S.C.--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.39	22.34	19.10	18.22	16.44	13.75	17.36	15.63	16.34	13.89	16.64	13.91
2	22.42	22.37	19.00	17.91	16.18	13.65	17.56	15.22	16.51	13.69	16.88	13.96
3	22.45	22.41	18.76	17.98	16.03	13.69	16.81	14.41	16.40	13.67	17.68	14.50
4	22.43	22.36	18.75	18.14	16.13	13.94	16.18	13.88	16.57	13.64	19.09	16.78
5	22.38	22.34	18.76	18.28	16.43	14.08	16.28	13.57	17.04	13.49	21.02	19.08
6	22.39	22.34	19.12	18.53	16.80	14.22	16.83	13.96	17.68	14.45	20.94	---
7	22.41	22.36	19.08	18.55	16.66	13.89	17.05	14.14	17.38	14.44	---	---
8	22.41	22.38	19.07	18.57	16.60	13.67	18.05	14.72	17.74	14.16	---	---
9	22.39	22.36	19.30	18.70	16.41	13.29	18.79	16.96	17.54	14.62	22.16	---
10	22.39	22.35	19.25	18.61	16.81	13.15	18.94	17.35	18.00	14.67	22.37	22.16
11	22.38	22.35	19.54	18.82	17.31	14.17	18.73	16.36	17.87	15.39	22.45	22.33
12	22.37	22.32	19.74	19.04	18.01	13.92	17.86	14.95	17.80	15.39	22.34	21.96
13	22.35	22.30	19.88	19.22	17.89	15.49	18.20	15.10	17.93	15.61	21.98	21.46
14	22.38	22.32	19.85	19.17	17.60	14.04	18.29	15.95	18.11	15.69	21.45	20.88
15	22.56	22.32	19.80	18.65	16.79	13.69	18.28	16.57	17.20	14.63	20.89	20.24
16	22.48	22.13	19.45	18.20	16.55	13.75	18.29	15.70	16.71	14.09	20.25	19.54
17	22.13	21.77	19.25	18.08	16.58	14.02	17.90	15.34	16.84	13.99	19.61	19.05
18	21.79	21.39	19.03	17.90	16.94	14.29	17.48	15.00	17.60	15.78	19.10	18.65
19	21.43	20.95	18.87	18.12	16.57	14.02	16.86	14.27	17.64	16.39	19.02	18.30
20	21.04	20.52	18.95	17.63	16.45	13.76	17.36	14.60	17.24	15.05	19.19	18.34
21	20.70	20.36	18.37	16.38	16.27	13.52	17.45	15.48	17.90	14.84	19.19	18.39
22	20.65	20.35	17.69	15.80	17.03	13.70	17.36	14.42	17.85	15.46	19.04	18.32
23	20.83	20.52	17.64	15.06	16.94	14.24	17.80	14.87	17.63	15.61	19.03	18.26
24	20.99	20.74	18.19	16.51	17.53	13.98	17.76	14.86	17.52	15.31	19.03	18.31
25	20.95	20.66	17.85	16.26	17.54	15.08	18.22	15.04	17.10	14.54	18.84	17.66
26	20.76	20.32	17.25	14.57	17.57	14.37	18.23	16.53	16.62	14.08	18.31	16.02
27	20.54	19.99	17.39	14.63	17.34	14.73	18.12	16.29	16.89	14.42	17.48	15.05
28	20.30	19.50	17.08	14.38	16.88	14.36	17.53	14.88	16.81	14.53	17.31	14.64
29	19.94	19.06	16.81	14.07	16.83	14.21	16.76	14.36	16.55	14.29	17.50	15.39
30	19.52	18.43	16.59	13.96	17.25	14.42	16.78	14.35	16.60	14.13	17.53	15.33
31	---	---	16.58	13.58	---	---	16.84	14.49	16.79	14.05	---	---
MONTH	22.56	18.43	19.88	13.58	18.01	13.15	18.94	13.57	18.11	13.49	---	---

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC

LOCATION.--Lat 33°12'27'', long 79° 23'05'', Georgetown County, Hydrologic Unit 03050112, near left bank at Hopsewee Plantation, 0.10 mi upstream from U. S. Highway 17, 1.3 mi southwest of North Santee, and at mile 13.0.

PERIOD OF RECORD.--September 1973 to July 1975, February 1977 to current year. Gage height records July 1975 to February 1977 are in report of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 3.47 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark).

REMARKS.--Tidal gage height affected by regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant.

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, 10.35 ft, Mar. 11; minimum, 1.13 ft, Jun. 10.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6.29	2.03	7.51	3.64	8.25	4.37	9.18	5.79	7.70	5.59	7.56	5.43
2	6.37	1.91	7.46	3.24	8.12	4.91	7.59	5.58	7.41	5.81	6.97	4.84
3	6.43	1.97	7.60	2.86	7.35	3.60	7.55	5.22	7.31	5.74	6.81	4.72
4	6.54	1.96	7.69	3.21	7.49	3.15	7.65	5.56	7.20	5.82	6.98	4.82
5	6.48	1.79	7.38	2.93	7.44	3.41	7.62	5.99	7.16	5.96	6.97	5.40
6	6.89	1.83	7.01	2.44	7.19	3.77	7.45	5.49	7.38	6.06	6.97	5.82
7	7.06	2.51	6.96	2.55	6.84	3.73	7.19	4.87	7.47	6.04	7.40	6.55
8	7.05	3.12	6.68	2.73	6.46	3.73	6.81	5.07	7.37	5.58	8.28	7.46
9	6.56	2.29	6.63	2.88	6.55	3.74	6.97	5.12	6.43	5.28	9.59	8.31
10	6.73	2.32	6.75	2.95	6.72	3.72	7.05	5.12	6.81	5.24	10.20	9.61
11	6.90	3.33	6.80	3.05	6.96	3.73	6.18	4.85	6.88	5.38	10.35	10.17
12	7.07	3.03	6.44	2.49	6.92	4.10	6.48	4.79	6.90	5.38	10.29	10.01
13	7.00	3.05	6.60	2.55	6.86	4.46	6.87	4.97	7.20	5.29	10.02	9.67
14	6.68	2.75	6.82	2.52	7.39	4.95	6.98	5.20	7.21	5.52	9.71	9.30
15	6.67	2.33	7.27	3.19	7.33	5.30	6.96	5.16	7.45	5.54	9.31	8.68
16	6.70	2.44	6.57	2.47	7.27	5.35	7.06	5.07	8.12	6.10	8.78	8.04
17	6.69	2.55	6.74	2.44	7.44	5.46	7.25	5.09	7.26	5.64	8.59	7.79
18	6.73	2.32	7.06	2.76	7.64	5.73	7.35	5.08	7.19	5.53	8.41	7.33
19	6.76	2.56	6.78	2.88	7.40	5.48	6.87	3.94	7.13	5.45	8.33	7.18
20	6.73	2.62	7.57	3.97	7.71	5.77	6.56	3.45	7.06	5.56	8.18	6.93
21	6.66	2.73	6.56	3.15	7.61	6.04	6.53	3.86	7.34	5.70	8.00	6.57
22	6.49	2.70	6.84	3.53	7.46	6.05	6.99	4.19	7.46	5.88	7.91	6.55
23	6.14	2.54	6.82	3.79	7.44	6.09	6.10	3.88	7.02	5.11	7.95	6.43
24	5.90	2.45	6.10	3.24	7.51	5.94	6.41	4.44	7.15	5.11	7.95	6.44
25	6.36	2.95	6.24	3.32	7.13	5.50	6.87	4.61	7.41	5.09	8.03	6.45
26	6.43	3.17	6.51	3.38	7.04	5.48	7.37	5.33	7.57	5.00	7.84	6.35
27	6.10	2.58	6.23	3.38	7.59	5.57	7.52	5.37	7.88	5.29	7.81	6.19
28	5.88	2.29	6.98	3.38	7.77	5.65	7.52	5.68	8.24	5.93	7.69	6.11
29	6.10	2.21	7.37	3.56	7.87	5.39	7.94	5.74	---	---	7.96	6.20
30	6.52	2.29	7.63	3.18	7.87	5.24	7.55	5.75	---	---	7.82	6.26
31	7.20	2.68	---	---	7.82	4.80	7.33	5.48	---	---	7.34	5.68
MONTH	7.20	1.79	7.69	2.44	8.25	3.15	9.18	3.45	8.24	5.00	10.35	4.72

02171800 NORTH SANTEE RIVER NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.32	5.68	6.67	3.18	5.98	2.27	6.08	2.36	5.81	1.97	6.26	2.04
2	7.19	5.75	6.55	3.16	5.75	2.09	6.07	2.35	6.08	1.96	6.48	2.23
3	7.14	5.79	6.28	3.07	5.65	2.09	5.70	2.05	6.05	1.94	6.79	2.27
4	6.83	5.43	6.27	3.08	5.71	2.53	5.61	1.81	6.19	1.68	7.79	3.43
5	6.35	5.50	6.08	3.82	6.01	2.58	5.87	1.68	6.36	1.54	7.81	4.99
6	6.60	5.53	6.65	3.71	6.43	2.62	6.22	1.68	6.62	1.59	7.92	5.22
7	6.51	5.64	6.35	3.49	6.32	2.20	6.62	1.99	6.93	1.87	7.95	5.64
8	6.65	5.56	6.19	3.32	6.32	1.81	6.94	2.01	7.19	1.94	7.54	5.41
9	6.68	5.56	6.77	3.56	6.24	1.24	7.32	2.25	7.07	2.11	7.44	5.45
10	7.09	5.62	6.72	3.04	6.76	1.13	7.48	2.44	6.91	1.89	7.54	5.65
11	7.06	5.65	7.07	3.03	7.14	2.24	7.46	2.50	7.25	2.60	7.46	5.80
12	6.92	5.44	7.29	3.12	6.94	1.85	7.20	2.50	7.21	3.29	7.30	5.80
13	7.22	5.34	7.38	3.16	6.90	1.84	7.35	2.59	7.20	3.46	6.91	5.35
14	7.68	5.58	7.48	3.38	6.43	1.56	7.13	2.57	7.01	3.33	6.63	4.83
15	8.04	6.01	7.36	3.12	6.28	1.55	7.14	2.89	6.47	2.59	6.70	4.48
16	7.61	5.91	7.35	2.88	6.30	1.73	7.07	2.95	6.32	2.27	6.34	4.15
17	7.48	5.54	7.30	3.05	6.24	1.79	6.92	2.85	6.25	2.31	6.37	3.59
18	7.46	5.38	7.05	2.71	6.16	1.98	6.61	2.75	6.35	2.67	6.14	3.09
19	7.46	4.93	6.73	2.83	6.22	2.00	6.42	2.34	6.45	2.70	6.69	3.10
20	7.18	4.49	6.55	2.89	6.10	1.86	6.45	2.45	6.45	2.55	7.06	3.48
21	7.02	4.26	6.91	3.12	5.91	1.60	6.51	2.48	6.73	2.56	7.18	3.88
22	6.98	4.35	6.77	2.88	6.10	1.51	6.61	2.39	6.55	2.59	6.88	3.50
23	7.13	4.43	6.55	2.33	6.40	1.86	6.85	2.68	6.50	2.04	7.04	3.40
24	7.08	4.49	6.72	2.39	6.46	1.80	6.87	2.71	6.89	2.76	7.13	3.58
25	7.05	4.38	6.75	2.34	6.88	2.82	6.91	2.62	6.57	2.61	6.91	3.11
26	7.47	4.21	6.75	2.17	6.49	2.46	6.65	2.65	6.08	2.17	6.93	2.94
27	7.63	4.49	7.05	2.69	6.42	2.14	6.31	2.22	5.95	2.14	6.76	2.60
28	7.51	4.04	6.72	2.53	6.39	2.46	6.13	2.21	5.72	1.99	6.80	2.63
29	7.11	3.85	6.47	2.28	6.27	2.44	6.35	2.21	5.71	1.73	6.54	2.47
30	6.65	3.00	6.19	2.25	6.13	2.22	6.11	2.50	6.18	2.15	6.55	2.54
31	---	---	6.08	2.22	---	---	6.06	2.40	6.41	2.33	---	---
MONTH	8.04	3.00	7.48	2.17	7.14	1.13	7.48	1.68	7.25	1.54	7.95	2.04

YEAR MAXIMUM 10.35 MINIMUM 1.13

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 miles southeast of North Santee. Prior to Feb. 21, 1986 at site 600 ft downstream.

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, recorded, 22.75 ft, Dec. 31; minimum, recorded, 12.55 ft, Aug. 6.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	19.62	15.32	20.76	16.43	21.59	16.79	20.59	15.80	20.04	16.63	---	---
2	19.73	15.20	20.83	16.10	21.48	16.64	20.53	15.43	20.12	16.87	---	---
3	19.81	15.25	21.09	15.79	20.49	15.56	20.58	16.06	19.44	17.31	---	---
4	19.92	15.24	21.23	16.10	20.69	15.22	20.60	16.87	---	---	---	---
5	19.91	15.05	20.81	15.89	20.55	15.45	20.34	16.89	---	---	---	---
6	20.36	15.11	20.44	15.52	20.28	15.83	20.11	16.48	---	---	---	---
7	20.53	15.78	20.38	15.68	19.83	15.74	---	---	---	---	---	---
8	20.45	16.36	19.99	15.89	19.43	15.70	18.46	15.44	---	---	---	---
9	19.84	15.51	19.68	15.63	19.55	15.71	18.40	14.96	---	---	---	---
10	20.08	15.64	19.85	15.91	19.70	15.55	18.83	15.26	---	---	---	---
11	20.26	16.57	20.04	15.67	19.99	15.67	19.47	15.42	---	---	---	---
12	20.47	16.36	19.80	15.75	19.91	15.72	19.62	15.55	---	---	---	---
13	20.39	16.32	20.00	15.74	19.84	15.65	19.60	15.49	---	---	---	---
14	19.92	15.95	20.25	15.71	20.42	16.20	19.89	15.64	---	---	---	---
15	20.04	15.56	20.46	16.07	20.24	15.99	20.25	16.09	---	---	---	---
16	20.06	15.70	19.88	15.56	20.10	16.14	19.97	15.24	---	---	---	---
17	20.04	15.80	20.13	15.58	20.31	16.13	19.46	15.43	---	---	---	---
18	20.12	15.56	20.42	15.89	20.53	16.30	20.16	16.05	---	---	---	---
19	20.11	15.82	19.99	15.94	20.21	15.82	19.75	15.70	---	---	---	---
20	20.08	15.93	20.99	17.06	20.62	16.52	19.21	14.93	---	---	---	---
21	19.99	16.00	19.70	16.04	20.50	17.05	19.64	15.24	---	---	---	---
22	19.79	16.01	19.97	16.47	20.18	16.99	20.25	15.93	---	---	---	---
23	19.43	15.88	19.90	16.51	20.24	17.04	20.56	15.51	---	---	---	---
24	19.18	15.83	19.12	15.90	19.80	16.42	20.48	15.73	---	---	---	---
25	19.64	16.30	19.26	15.94	19.53	15.65	20.53	15.68	---	---	---	---
26	19.71	16.55	19.55	15.71	19.62	15.83	20.86	15.69	---	---	---	---
27	19.40	15.90	19.19	15.58	20.50	16.22	20.33	15.20	---	---	---	---
28	19.18	15.54	20.05	15.93	20.70	15.93	20.50	15.37	---	---	---	---
29	19.42	15.57	20.56	15.87	20.89	15.89	20.57	16.04	---	---	---	---
30	19.72	15.61	20.92	15.61	20.97	16.04	19.99	16.00	---	---	---	---
31	20.33	15.72	---	---	22.75	16.29	19.76	16.27	---	---	---	---
MONTH	20.53	15.05	21.23	15.52	22.75	15.22	---	---	---	---	---	---

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	19.75	15.63	19.17	15.55	19.12	15.39	19.32	15.40	---	---
2	---	---	19.57	15.87	19.06	15.43	18.88	15.33	19.64	15.45	---	---
3	19.29	15.75	19.34	15.68	18.99	15.36	18.82	15.19	19.57	15.46	---	---
4	18.94	15.04	19.26	15.78	19.00	15.82	18.96	15.10	19.74	15.18	---	---
5	18.59	15.48	19.37	16.57	19.27	15.86	19.21	15.06	19.96	15.03	---	---
6	18.68	15.65	19.74	16.46	19.73	15.88	19.59	14.98	20.82	12.55	---	---
7	18.54	15.92	19.42	16.10	19.65	15.47	20.00	15.24	---	---	---	---
8	18.74	15.65	19.28	15.90	19.70	15.10	20.29	15.14	---	---	---	---
9	18.83	15.82	19.97	15.86	19.70	14.51	20.53	15.03	---	---	---	---
10	19.57	15.89	19.76	15.45	20.27	14.37	20.72	15.10	---	---	---	---
11	19.48	15.61	20.16	15.30	20.68	15.41	20.84	15.29	---	---	---	---
12	19.32	15.16	20.43	15.27	20.44	15.07	20.84	15.51	---	---	---	---
13	19.87	14.90	20.52	15.17	20.20	14.70	20.88	15.86	---	---	---	---
14	20.52	15.33	20.70	15.40	19.88	14.65	20.54	15.71	---	---	---	---
15	20.91	16.06	20.52	15.27	19.74	14.75	20.44	15.76	---	---	---	---
16	20.33	15.80	20.57	15.18	19.64	14.94	20.41	15.83	---	---	---	---
17	20.38	15.70	20.13	15.50	19.60	14.97	20.42	16.06	---	---	19.41	16.13
18	20.50	16.17	20.14	15.24	19.42	15.10	20.05	15.97	---	---	19.25	15.55
19	20.47	16.19	19.72	15.25	19.56	15.19	19.93	15.75	---	---	19.81	15.61
20	20.25	16.08	19.53	15.28	19.45	15.11	19.94	15.83	---	---	20.28	16.05
21	20.15	16.04	20.02	16.00	19.31	14.89	19.93	15.73	---	---	20.37	16.41
22	20.10	16.12	20.04	15.84	19.43	14.76	20.17	15.84	---	---	20.01	16.04
23	20.23	16.11	19.88	15.36	19.76	15.03	20.34	16.03	---	---	20.20	15.86
24	20.17	15.92	19.81	15.10	19.74	15.08	20.34	16.05	---	---	20.31	16.07
25	20.12	15.78	19.96	15.09	20.21	15.86	20.24	16.00	---	---	20.05	15.71
26	20.63	15.74	20.21	15.29	19.85	15.71	19.87	15.82	---	---	20.16	15.66
27	20.92	16.28	20.56	15.80	19.72	15.34	19.53	15.36	---	---	20.20	15.72
28	20.75	16.00	20.14	15.72	19.71	15.60	19.65	15.53	---	---	20.21	15.80
29	20.25	16.01	19.87	15.49	19.63	15.68	19.88	15.51	---	---	19.82	15.57
30	19.65	15.37	19.62	15.49	19.22	15.40	19.60	15.91	---	---	19.86	15.54
31	---	---	19.46	15.53	---	---	19.41	15.78	---	---	---	---
MONTH	---	---	20.70	15.09	20.68	14.37	20.88	14.98	---	---	---	---

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, Jun. 28, 1980; minimum, <100 microsiemens many days most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 51,500 microsiemens, Jan. 1; minimum, <100 microsiemens, many days Dec. - Apr.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	35300	25400	30700	11300	5200	7170	31000	3700	13700	51500	1100	17700
2	36400	26600	31000	8800	4100	5110	25300	1200	10300	10100	300	6250
3	38000	26900	32300	13000	3200	5580	8800	400	2720	7300	300	3720
4	39700	26700	33700	12100	3000	5440	7200	400	2230	10800	300	3410
5	40000	26900	34200	10500	2700	4710	10000	1500	2790	24400	2400	7270
6	47100	30900	37600	8500	2600	4120	6900	900	2630	5500	400	3550
7	47100	33400	40200	8300	2900	4610	4000	200	1700	4400	300	2160
8	46000	34200	40600	6300	3200	4810	8300	500	2340	3600	100	1970
9	42900	33400	38100	5200	2400	3480	4500	700	2110	3200	600	1690
10	39600	28400	34500	7100	1400	2300	4000	500	1560	2500	200	1300
11	43000	32400	36800	6100	2100	3610	6900	700	1970	2000	100	912
12	44200	32700	37000	5900	2100	3780	3300	300	1400	1400	100	581
13	41500	32200	36900	6800	2500	4830	13400	300	2720	2500	100	673
14	38000	25800	33300	9600	3300	5890	10100	900	3440	900	100	403
15	33700	25500	29600	5900	3300	4430	6700	<100	---	900	100	379
16	35900	25300	30800	4100	2800	3270	1800	<100	---	900	100	359
17	35800	19500	30600	4900	2500	3330	1700	<100	---	4400	100	827
18	26800	21000	23900	5900	2600	3820	1100	<100	---	7500	100	1630
19	27600	20400	24600	25400	2700	8940	1200	<100	---	1400	100	665
20	26800	21800	24300	14800	6000	8700	1000	<100	---	1300	100	646
21	25700	21200	23300	17900	4300	7450	6700	<100	---	5900	200	1730
22	22700	19300	21200	16500	3500	6890	8000	<100	---	11000	700	3010
23	22100	17900	19700	14700	2400	6250	3600	<100	---	2100	100	1150
24	20500	16900	18600	4900	1500	2650	700	<100	---	1200	100	573
25	21600	17600	19000	6500	900	1710	1100	<100	---	1400	<100	---
26	22000	17200	19000	6500	1300	2270	1000	<100	---	2300	100	686
27	20600	17100	18700	2500	400	1100	3000	<100	---	1000	100	393
28	20100	16200	17800	6200	500	1900	3500	<100	---	800	<100	---
29	20200	16900	18100	5900	1200	2580	3900	<100	---	700	100	371
30	20500	14500	18000	19400	1500	5920	13600	<100	---	700	100	357
31	26800	7650	16300	---	---	---	29800	<100	---	700	100	326
MONTH	47100	7650	28100	25400	400	4560	31000	<100	---	51500	<100	---

02171820 MINIM CREEK AT AIW NEAR NORTH SANTEE, 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	700	100	317	1400	100	703	600	<100	---	6000	400	2640
2	700	100	323	700	100	458	600	<100	---	8100	2200	3880
3	700	100	327	800	100	407	500	<100	---	7000	2200	4270
4	700	100	332	900	100	401	500	<100	---	9100	2200	4550
5	700	100	306	2100	100	730	500	<100	---	19600	4400	9080
6	1200	100	352	1200	<100	---	400	<100	---	18300	4200	9540
7	800	100	361	600	100	338	500	<100	---	8900	2700	5540
8	1100	100	447	500	100	307	500	<100	---	7900	1900	3610
9	900	100	486	500	100	264	500	<100	---	10500	1800	4510
10	1000	<100	---	300	100	177	600	<100	---	6700	1200	2870
11	900	<100	---	400	<100	---	500	<100	---	5600	1200	2420
12	900	<100	---	300	<100	---	500	<100	---	7000	700	2100
13	900	<100	---	200	<100	---	600	<100	---	12200	300	2100
14	800	<100	---	200	<100	---	500	100	224	21900	700	3450
15	700	100	297	300	<100	---	400	<100	---	15000	1000	3350
16	21800	100	5250	300	<100	---	200	<100	---	25300	500	3620
17	8800	100	2170	300	<100	---	200	<100	---	9300	2000	4310
18	800	<100	---	300	<100	---	500	<100	---	5200	500	2800
19	800	<100	---	300	<100	---	6500	<100	---	2700	300	1570
20	1300	<100	---	100	<100	---	4800	500	1480	11400	400	2190
21	3900	200	868	200	<100	---	6300	700	1790	20800	2600	7830
22	3300	100	937	200	<100	---	5300	800	1920	24300	5400	12300
23	2800	100	783	200	<100	---	5900	600	1640	19000	5600	12100
24	1500	<100	---	200	<100	---	3900	200	854	14700	4700	9090
25	900	100	286	600	<100	---	2400	100	553	14700	4200	6350
26	3000	200	870	200	<100	---	8000	700	2320	32400	4000	11500
27	16600	800	4080	500	<100	---	12400	1800	3990	41500	9100	22000
28	9900	100	3150	500	<100	---	12700	1900	3520	34000	14400	24100
29	---	---	---	200	<100	---	6800	2300	3560	32000	17900	24800
30	---	---	---	200	<100	---	3500	200	1750	30700	19900	25000
31	---	---	---	500	<100	---	---	---	---	30000	20100	24700
MONTH	21800	<100	---	2100	<100	---	12700	<100	---	41500	300	8330
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	28800	21400	24600	20900	10500	14600	26700	14600	20400	28100	17200	23600
2	26500	19600	23900	12800	5500	9120	28800	14800	22100	32800	18700	25000
3	27200	22300	24300	8200	3900	6470	29600	18000	24100	32700	20300	26000
4	28800	21900	25300	11800	6000	8070	30400	18800	23800	43300	16700	26200
5	33100	24500	27600	18400	6900	11900	33400	19100	24400	25100	7000	13700
6	38100	24800	30400	23800	9600	16300	37500	15200	22700	6900	600	3880
7	36500	24700	30400	32700	11500	20400	45700	15200	25200	3300	400	2110
8	37300	25000	30700	45000	15500	25000	47700	19400	29800	2200	300	1430
9	40400	25000	30100	43900	14000	23700	45300	23100	32400	2000	200	1190
10	49200	25200	32200	43500	12400	19400	41800	23800	30500	1700	100	756
11	49300	28300	39400	42600	9500	17700	42100	22100	29700	1600	200	818
12	48300	28700	40100	42500	11400	20600	43000	23300	31600	1500	100	472
13	44800	19100	35000	43600	15900	25500	41800	26800	33300	300	100	215
14	36200	16700	26200	31800	16100	24200	39000	26000	31400	400	100	258
15	37700	20400	25100	30700	14800	20500	31500	22000	26700	2600	200	342
16	33300	23200	26600	25200	13200	18000	28700	22400	25900	3500	200	1220
17	35900	23300	28200	31500	13100	20400	28300	22000	25300	3600	1420	2160
18	36000	22700	29000	27300	14300	22300	26700	16700	21800	4000	200	2100
19	36200	23600	29500	27600	15500	22000	22300	9400	15100	5600	200	2930
20	34300	23500	28500	27900	15600	22100	19400	10400	13100	9900	300	5620
21	32200	22900	27300	24900	11500	19400	27300	11100	17900	10200	2900	6930
22	31900	23500	26600	28400	13400	19500	23000	10700	17600	8700	3800	5610
23	31400	20200	25500	32400	15200	23200	16500	8100	11600	8700	3800	5410
24	32700	19600	24600	30900	15400	24200	30600	9400	17500	7200	3200	4620
25	32100	21200	25900	29300	16100	24100	30900	14600	22800	6100	1600	3860
26	23800	14600	19800	25200	12600	18600	27700	17500	24100	8700	1300	4200
27	19200	11200	14700	16200	5100	9520	27500	18900	23200	12500	2400	7110
28	24300	12200	17600	13000	5900	7970	23400	13100	18000	17700	2700	7670
29	25300	14500	20300	27200	6900	13900	19500	12600	15400	13100	1200	6760
30	23800	14400	19800	28600	12200	21100	26900	13000	19400	10900	1900	6060
31	---	---	---	28100	14700	21800	30000	15200	23000	---	---	---
MONTH	49300	11200	27000	45000	3900	18400	47700	8100	23200	43300	100	6610
YEAR	51500	<100	---									

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

PERIOD OF RECORD.--March to September 1987.

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, 24.80 ft, Sept. 6; minimum, 15.13 ft, Jun. 10.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR MARCH 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	23.51	19.40
5	---	---	---	---	---	---	---	---	---	---	23.39	19.68
6	---	---	---	---	---	---	---	---	---	---	23.21	19.80
7	---	---	---	---	---	---	---	---	---	---	23.29	20.30
8	---	---	---	---	---	---	---	---	---	---	23.33	20.64
9	---	---	---	---	---	---	---	---	---	---	22.93	21.33
10	---	---	---	---	---	---	---	---	---	---	23.25	21.56
11	---	---	---	---	---	---	---	---	---	---	24.04	22.39
12	---	---	---	---	---	---	---	---	---	---	24.29	22.55
13	---	---	---	---	---	---	---	---	---	---	24.23	22.30
14	---	---	---	---	---	---	---	---	---	---	24.48	22.06
15	---	---	---	---	---	---	---	---	---	---	24.17	21.62
16	---	---	---	---	---	---	---	---	---	---	24.15	21.02
17	---	---	---	---	---	---	---	---	---	---	24.40	21.20
18	---	---	---	---	---	---	---	---	---	---	24.55	20.71
19	---	---	---	---	---	---	---	---	---	---	24.28	20.74
20	---	---	---	---	---	---	---	---	---	---	24.22	20.68
21	---	---	---	---	---	---	---	---	---	---	24.17	20.21
22	---	---	---	---	---	---	---	---	---	---	24.15	20.47
23	---	---	---	---	---	---	---	---	---	---	24.30	20.40
24	---	---	---	---	---	---	---	---	---	---	24.36	20.58
25	---	---	---	---	---	---	---	---	---	---	24.51	20.40
26	---	---	---	---	---	---	---	---	---	---	24.30	20.26
27	---	---	---	---	---	---	---	---	---	---	24.26	19.98
28	---	---	---	---	---	---	---	---	---	---	24.07	19.76
29	---	---	---	---	---	---	---	---	---	---	24.47	20.05
30	---	---	---	---	---	---	---	---	---	---	24.29	20.10
31	---	---	---	---	---	---	---	---	---	---	23.20	18.91
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR MARCH 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.64	19.10	23.43	19.09	22.93	19.01	22.86	18.89	22.85	18.63	23.35	18.76
2	23.40	19.50	23.30	19.35	22.79	18.91	22.71	18.82	23.20	18.68	23.58	18.94
3	23.04	19.56	23.03	19.26	22.80	18.88	22.56	18.66	23.13	18.69	23.81	18.90
4	22.35	18.98	23.00	19.21	22.76	19.30	22.68	18.54	23.29	18.43	24.78	19.73
5	22.30	19.33	23.04	20.09	22.98	19.31	22.95	18.46	23.56	18.28	24.67	20.11
6	22.44	19.48	23.45	19.95	23.46	19.36	23.33	18.35	23.78	18.15	24.80	19.89
7	22.19	19.69	23.12	19.59	23.41	18.91	23.76	18.63	24.20	18.35	24.79	20.31
8	22.45	19.38	22.98	19.37	23.48	18.54	24.02	18.50	24.49	18.44	24.29	19.71
9	22.47	19.54	23.60	19.31	23.47	17.96	24.29	18.40	24.29	18.58	24.15	19.66
10	23.25	19.58	23.46	18.92	24.04	17.83	24.49	18.47	24.03	18.42	24.14	19.68
11	23.24	19.37	23.88	18.80	24.41	18.86	24.57	18.64	24.45	18.84	23.95	19.54
12	23.12	18.96	24.15	18.78	24.19	18.47	24.61	18.82	24.40	19.65	23.72	19.48
13	23.61	18.80	24.25	18.72	23.98	18.24	24.45	19.05	24.31	19.84	23.28	19.33
14	24.19	19.17	24.36	18.93	23.67	18.15	24.10	18.92	23.97	19.53	23.20	19.41
15	24.56	19.96	24.25	18.78	23.50	18.21	24.01	19.03	23.58	19.14	23.44	19.62
16	24.01	19.58	24.25	18.74	23.44	18.35	24.02	19.05	23.43	18.93	23.08	19.76
17	24.04	19.41	23.90	18.98	23.39	18.37	23.98	19.21	23.32	19.02	23.12	19.48
18	24.15	19.78	23.83	18.76	23.17	18.47	23.63	19.18	23.20	19.23	22.93	18.99
19	24.16	19.75	23.52	18.74	23.32	18.58	23.52	18.97	23.32	19.22	23.48	19.07
20	23.93	19.61	23.27	18.75	23.22	18.53	23.52	19.09	23.44	19.26	23.93	19.47
21	23.81	19.56	23.75	19.41	23.10	18.30	23.49	18.99	23.70	19.18	24.08	19.85
22	23.78	19.67	23.78	19.25	23.18	18.22	23.69	19.09	23.55	19.08	23.71	19.44
23	23.94	19.70	23.64	18.78	23.49	18.48	23.93	19.32	23.35	18.52	23.92	19.24
24	23.91	19.56	23.57	18.56	23.44	18.53	23.92	19.30	24.01	19.21	24.01	19.49
25	23.84	19.37	23.69	18.53	23.90	19.25	23.83	19.22	23.77	19.17	23.78	19.14
26	24.31	19.27	23.93	18.71	23.59	19.09	23.51	19.08	23.20	18.80	23.88	19.10
27	24.57	19.82	24.26	19.20	23.51	18.79	23.12	18.69	23.02	18.72	23.89	19.16
28	24.42	19.49	23.90	19.16	23.49	19.00	23.21	18.78	22.72	18.53	23.92	19.27
29	23.96	19.52	23.63	18.99	23.38	19.10	23.49	18.73	22.79	18.35	23.55	19.01
30	23.40	18.83	23.37	18.97	22.99	18.89	23.18	19.16	23.38	18.78	23.59	19.00
31	---	---	23.21	19.01	---	---	23.00	19.04	23.45	19.04	---	---
MONTH	24.57	18.80	24.36	18.53	24.41	17.83	24.61	18.35	24.49	18.15	24.80	18.76

02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1987 to September 1987.

INSTRUMENTATION.--USGS mini-monitor since March 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 45,400 microsiemens, June 11, 1987; minimum, less than 100 microsiemens, March 10-12, 22, Apr. 9, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum 45,400 microsiemens, June 11, minimum, less than 100 microsiemens, March 10-12, 22, Apr. 9.

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
	FEBRUARY			MARCH			APRIL			MAY		
1				---	---	---	300	100	140	200	100	171
2				---	---	---	300	100	148	200	100	160
3				---	---	---	300	100	154	200	100	156
4				200	100	183	300	100	171	200	100	154
5				200	100	169	300	100	158	200	100	127
6				400	100	177	200	100	142	200	100	148
7				200	100	158	200	100	129	200	100	138
8				200	100	163	200	100	121	200	100	156
9				200	100	140	200	<100		200	100	165
10				200	<100		200	100	125	300	100	163
11				100	<100		200	100	138	200	100	163
12				200	<100		200	100	129	500	100	204
13				100	100	100	200	100	121	800	100	227
14				200	100	104	200	100	135	900	100	248
15				200	100	125	200	100	148	800	100	244
16				200	100	133	500	100	165	2500	100	290
17				200	100	121	400	100	165	1600	200	354
18				200	100	125	400	100	138	700	100	221
19				300	100	138	600	100	163	600	100	238
20				300	100	163	200	100	167	400	100	210
21				300	100	156	200	100	154	2600	100	748
22				200	<100		200	100	171	4000	200	1360
23				300	100	121	200	100	160	6600	200	1680
24				200	100	127	200	100	165	4700	200	1150
25				200	100	154	200	100	142	4000	200	1160
26				300	100	171	200	100	150	11800	200	3070
27				300	100	181	800	100	204	26600	300	7520
28				400	100	179	400	100	179	20800	900	8230
29				200	100	163	200	100	165	18800	1500	9110
30				300	100	173	200	100	173	20000	1900	10500
31				400	100	233	---	---	---	19500	2400	10600
MONTH				400	<100	146	800	<100	151	26600	100	1910

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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19500	4100	11200	7700	300	2550	17400	700	8720	17000	1000	8310
2	20300	5100	12100	6100	200	1590	23100	2300	13300	19700	1100	10300
3	24600	8000	15200	10100	200	2530	24400	4300	14600	20900	1600	10900
4	27300	6900	16600	14700	500	6160	28200	4600	16100	23900	500	5750
5	29400	10600	20100	22800	1400	11600	33600	6200	19200	900	300	473
6	31600	12000	22500	24000	2300	14000	29400	3500	15900	900	200	350
7	30700	10000	21000	27000	2600	14700	33100	2400	14300	1100	200	294
8	30300	9400	20100	30800	2200	15100	38800	2700	15700	400	200	254
9	31500	7200	19600	24300	800	9140	35300	4200	17600	500	100	260
10	37800	7900	23600	21300	500	5380	27800	4000	15700	500	100	244
11	45400	16200	29100	25400	600	4930	30000	2500	11400	500	200	233
12	42400	15300	28100	30100	700	6910	29300	3100	13900	600	100	240
13	36200	5500	19500	28400	1500	10200	30000	4100	14600	400	100	210
14	26800	3000	12900	21300	900	8610	22500	2000	8670	400	100	208
15	27600	3100	14400	17000	1000	6840	10800	1200	4650	300	100	213
16	30900	5500	17900	9000	600	3280	11300	1200	5560	300	100	192
17	29800	6300	18800	13400	500	3690	15600	1500	8440	300	100	204
18	27500	6100	16700	7900	500	2620	15100	900	6460	400	100	221
19	27100	4800	16500	9900	400	3680	11400	300	3460	400	100	225
20	26700	4900	15400	12800	500	4940	10100	300	3130	700	200	308
21	27500	4700	16900	11500	400	4200	13400	400	4350	1300	200	515
22	29500	4800	17600	15300	400	5760	9900	500	3360	800	200	348
23	28000	4000	15700	20800	500	7590	7400	300	2190	1000	200	421
24	23700	3000	13500	16800	700	6940	12600	300	3360	1800	100	558
25	24000	2100	11600	13600	800	5470	10200	500	3770	1300	200	442
26	15200	1300	6900	7000	400	2400	13900	600	5550	1800	200	696
27	11600	600	3960	5000	200	1240	12600	700	6050	5200	200	1580
28	13200	600	4560	8400	200	2290	11800	600	4880	8500	300	2240
29	15100	700	5190	14800	300	4750	14100	600	5710	5900	300	1660
30	11900	600	4820	17600	400	7600	13300	700	6360	4400	200	1010
31	---	---	---	17200	700	7560	16400	700	7970	---	---	---
MONTH	45400	600	15700	30800	200	6270	38800	300	9190	23900	100	1630
YEAR	45400	<100	5060									

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°08'45'', long 79°19'22'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Gun Club, 1.3 mi downstream from Pleasant Creek, 9.0 mi northeast of McClellanville, and at mile 5.1.

PERIOD OF RECORD.--November 1973 to May 1975, October 1975 to January 1987 (destroyed by storm of January 1, 1987). Gage height records May 1975 to October 1975 are in reports of the National Ocean Survey.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below National Geodetic Vertical Datum of 1929 (National Ocean Survey benchmark). Gage re-established as "at State Pier" 02171905 on Mar. 4, 1987.

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, 26.44 ft, Nov. 6, 1975; minimum, 15.13 ft, Jan. 25, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 23.51 ft, Dec. 1; minimum recorded 16.68 ft, Oct. 5.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO JANUARY 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21.57	16.99	22.70	18.06	23.51	18.45	24.50	18.69	---	---	---	---
2	21.67	16.86	22.80	17.75	23.42	18.45	---	---	---	---	---	---
3	21.78	16.89	23.04	17.41	22.49	17.30	---	---	---	---	---	---
4	21.88	16.85	23.16	17.75	22.60	16.91	---	---	---	---	---	---
5	21.89	16.68	22.73	17.51	22.53	17.16	---	---	---	---	---	---
6	22.32	16.71	22.34	17.15	22.24	17.50	---	---	---	---	---	---
7	22.46	17.42	22.27	17.30	21.82	17.43	---	---	---	---	---	---
8	22.40	18.04	21.91	17.51	21.37	17.42	---	---	---	---	---	---
9	21.79	17.19	21.58	17.28	21.47	17.44	---	---	---	---	---	---
10	22.00	17.24	21.76	17.53	21.64	17.29	---	---	---	---	---	---
11	22.21	18.21	21.95	17.30	21.93	17.37	---	---	---	---	---	---
12	22.40	18.01	21.76	17.35	21.91	17.44	---	---	---	---	---	---
13	22.35	17.93	21.96	17.34	21.79	17.39	---	---	---	---	---	---
14	21.90	17.48	22.17	17.31	22.33	17.89	---	---	---	---	---	---
15	22.00	17.20	22.41	17.71	22.17	17.90	---	---	---	---	---	---
16	22.01	17.30	21.83	17.20	22.01	17.76	---	---	---	---	---	---
17	21.99	17.43	22.01	17.22	22.20	17.90	---	---	---	---	---	---
18	22.05	17.18	22.34	17.54	22.47	18.24	---	---	---	---	---	---
19	22.08	17.44	21.92	17.63	22.12	17.73	---	---	---	---	---	---
20	22.02	17.57	22.92	18.69	22.53	18.36	---	---	---	---	---	---
21	21.94	17.67	21.64	17.83	22.39	18.78	---	---	---	---	---	---
22	21.71	17.72	21.85	18.15	22.08	18.70	---	---	---	---	---	---
23	21.36	17.58	21.84	18.24	22.05	18.81	---	---	---	---	---	---
24	21.07	17.55	21.08	17.61	22.18	18.25	---	---	---	---	---	---
25	21.52	18.05	21.18	17.60	21.52	17.52	---	---	---	---	---	---
26	21.61	18.21	21.46	17.35	21.50	17.66	---	---	---	---	---	---
27	21.28	17.62	21.12	17.23	22.41	17.96	---	---	---	---	---	---
28	21.07	17.26	21.99	17.55	22.68	17.77	---	---	---	---	---	---
29	21.34	17.23	22.48	17.53	22.88	17.67	---	---	---	---	---	---
30	21.65	17.38	22.89	17.27	22.95	17.70	---	---	---	---	---	---
31	22.28	17.33	---	---	22.87	17.16	---	---	---	---	---	---
MONTH	22.46	16.68	23.16	17.15	23.51	16.91	---	---	---	---	---	---

02171910 SOUTH SANTEE RIVER AT AIW NEAR McCELLANVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1979 to January 1987.

INSTRUMENTATION.--Servo Programmer January 1979 to October 1982, USGS mini-monitor October 1982 to December 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 60,800 microsiemens, December 12, 1982; minimum, less than 100 microsiemens many days each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum 50,200 microsiemens, Oct. 6, minimum, 100 microsiemens many days in Nov. and Dec.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	39100	21700	29700	43500	4800	21200	37500	400	13900			
2	41300	21900	30700	44800	2600	16800	42500	600	10300			
3	42900	23000	33000	46700	2310	21800	19000	700	2630			
4	43500	24800	34200	45400	3020	23000	40700	400	5890			
5	44900	25300	35300	42700	3030	18300	25500	400	3660			
6	50200	25000	39000	34700	2940	13800	7700	200	1230			
7	49800	29700	40000	39900	3340	15000	1100	100	621			
8	49000	31900	40200	27300	3450	13900	1100	100	536			
9	42500	25100	33500	18800	764	8330	700	100	419			
10	41700	21000	29800	12300	568	4250	900	100	468			
11	42700	23100	31700	18800	676	7210	1100	100	522			
12	45900	21500	33000	23900	880	10200	800	100	496			
13	41100	24200	34400	27400	1690	13800	700	100	487			
14	39000	23300	33900	37500	1600	16600	2600	100	528			
15	36400	13900	28600	37500	2300	14100	800	100	400			
16	38800	16300	30800	20500	1300	9120	700	100	337			
17	36100	17000	29300	31600	1800	12800	600	100	299			
18	38700	16700	26300	39400	3600	15500	900	100	429			
19	40300	19200	28800	22600	3200	11300	700	100	354			
20	37400	21600	29600	43000	3300	15700	1500	100	434			
21	34800	19000	27000	11700	900	4730	700	100	305			
22	34600	17100	24900	13600	500	3590	700	100	283			
23	33100	18100	24200	8500	400	1910	700	100	281			
24	31600	14500	23000	2600	300	1030	700	100	424			
25	34900	18200	26200	1700	100	752	700	100	413			
26	36700	23500	28900	1800	100	572	700	100	377			
27	37000	21100	28500	700	100	408	900	100	333			
28	38000	19200	27400	5100	100	914	3500	100	476			
29	39800	20300	28900	23600	300	3340	17200	100	1660			
30	36300	16500	28400	37100	400	9710	25500	100	1850			
31	41500	8200	26700	---	---	---	20000	200	3670			
MONTH	50200	8200	30500	46700	100	10300	42500	100	1740			

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, 75.47 ft, Jun 30, Jul 12; minimum, 69.83 ft Jan. 13.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.32	74.67	73.97	70.25	72.83	73.06	74.05	74.62	74.47	75.22	74.82	74.63
2	74.25	74.75	73.93	70.17	73.09	72.81	74.04	74.70	74.55	75.22	74.90	74.72
3	74.32	74.71	73.97	70.19	73.19	72.70	74.03	74.79	74.56	75.24	74.91	74.69
4	74.44	74.68	73.91	70.31	73.36	72.52	74.20	74.86	74.63	75.33	74.81	74.80
5	74.50	74.65	73.87	70.23	73.19	72.68	74.35	74.73	74.62	75.34	74.78	74.69
6	74.48	74.65	73.86	70.09	73.25	72.98	74.29	74.78	74.79	75.35	74.88	74.63
7	74.44	74.70	73.87	70.16	73.45	73.42	74.24	74.69	74.92	75.37	74.86	74.60
8	74.45	74.53	73.89	70.16	73.70	73.82	74.19	74.50	74.92	75.20	74.87	74.50
9	74.52	74.36	73.82	70.03	73.20	74.20	74.14	74.56	75.00	74.99	74.96	73.78
10	74.50	74.43	73.61	70.08	73.23	74.29	74.07	74.58	74.96	75.03	74.88	73.66
11	74.68	74.53	73.43	69.98	73.23	74.28	74.15	74.31	74.88	75.25	75.08	73.74
12	74.78	74.59	73.22	69.87	73.07	74.65	74.20	74.25	74.60	75.47	75.09	73.83
13	74.81	74.63	72.98	69.83	73.13	74.74	74.03	74.07	74.79	75.40	75.02	73.84
14	74.91	74.33	72.29	70.13	73.13	74.89	74.13	74.21	74.72	75.36	74.98	74.01
15	74.88	74.52	72.64	70.31	72.98	74.99	74.11	74.22	74.93	75.22	75.02	73.97
16	74.87	74.61	72.54	70.58	72.77	75.11	74.15	74.17	74.66	75.31	75.02	74.01
17	74.87	74.68	72.44	70.93	72.47	75.11	74.29	74.10	74.86	75.11	74.97	74.10
18	74.87	74.71	72.31	70.94	72.47	75.04	74.55	73.79	74.67	75.26	74.58	74.12
19	74.96	74.55	72.10	71.19	72.44	75.10	74.71	73.71	74.71	75.19	74.62	74.12
20	74.94	74.82	72.02	70.63	72.31	74.98	74.51	73.99	74.73	75.09	74.68	74.16
21	74.87	74.66	71.87	70.51	72.28	75.09	74.23	74.10	74.86	75.15	74.62	74.91
22	74.83	74.43	71.62	70.48	72.27	75.09	74.17	74.14	75.09	75.14	74.62	74.99
23	74.76	74.34	71.45	70.38	72.68	74.98	74.03	73.88	75.13	75.06	74.66	74.84
24	74.70	74.14	71.31	70.41	72.71	74.84	74.27	73.83	74.97	74.94	74.42	74.77
25	74.70	73.70	71.08	70.66	72.57	74.79	74.54	74.07	75.18	74.74	74.42	74.59
26	74.74	73.70	71.06	70.88	72.52	74.54	74.65	74.17	75.03	74.71	74.34	74.68
27	74.81	73.96	71.07	71.15	72.65	74.43	74.57	74.22	75.18	74.80	74.30	74.70
28	74.83	74.05	70.93	71.40	72.83	74.57	74.59	74.27	75.43	74.85	74.28	74.61
29	74.78	74.14	70.67	71.63	---	74.55	74.54	74.20	75.44	74.79	74.30	74.42
30	74.78	74.16	70.52	72.12	---	74.41	74.50	74.32	75.47	74.76	74.37	74.53
31	74.69	---	70.36	72.51	---	74.11	---	74.42	---	74.78	74.61	---
MAX	74.96	74.82	73.97	72.51	73.70	75.11	74.71	74.86	75.47	75.47	75.09	74.99
MIN	74.25	73.70	70.36	69.83	72.27	72.52	74.03	73.71	74.47	74.71	74.28	73.66
[+]	27.5	26.2	17.3	22.1	22.9	26.0	27.0	26.8	29.6	27.7	27.3	27.1
[*]	299	-502	-3323	1792	331	1157	386	-74.7	1080	-709	-149	-77.2

CAL YR 1986 * -127 MAX 75.53 MIN 70.36
WTR YR 1987 * 12.7 MAX 75.47 MIN 69.83

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

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.--Servo Programmer August 1975 to April 1983. USGS water-quality monitor since April 1983, Data Collection Platform since May, 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sept. 17, 1985; minimum, 40 microsiemens, Sept. 7, 1987.
pH: Maximum, 8.2 units, Jul. 24, 1987; minimum, 5.6 units, Sept. 7, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Jul. 21, 1986; minimum, 2.5°C, Jan. 12-13, 1981.
DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Jan. 7, 1984; minimum 2.2 mg/L, Apr. 7, 1986.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 216 microsiemens, Oct. 6; minimum, 40 microsiemens, Sept. 7.
pH: Maximum, 8.2 units, Jul. 24; minimum, 5.6 units, Sept. 7.
WATER TEMPERATURE: Maximum, 31.0°C, Jul. 11-14, Aug. 8-10, minimum, 7.5°C, Jan. 28, 29.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 14; minimum, 3.3 mg/L, Apr. 12.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	143	131	215	137	133	133	148	132	136	152	134	138
2	141	130	133	138	133	134	136	132	134	148	134	138
3	142	130	134	143	134	136	142	133	136	139	134	136
4	156	134	141	149	134	136	146	135	138	138	133	134
5	172	138	147	149	135	138	150	135	139	135	133	133
6	216	140	156	148	135	138	147	133	136	134	133	133
7	179	134	145	149	135	140	145	134	136	134	133	134
8	159	132	140	136	135	135	138	132	135	136	134	135
9	150	133	138	137	135	136	136	132	133	137	133	134
10	140	133	135	140	136	137	135	132	133	135	132	133
11	144	133	135	146	137	140	135	132	133	134	132	133
12	146	135	138	148	137	141	134	131	133	135	132	133
13	143	133	137	160	137	143	133	131	132	134	132	133
14	136	133	134	140	133	135	133	130	131	134	132	133
15	142	133	136	137	134	135	131	129	131	136	132	133
16	136	132	133	141	135	137	132	128	131	137	131	134
17	133	131	132	147	136	139	132	129	132	132	131	132
18	137	131	133	143	135	137	132	131	132	133	131	132
19	149	133	137	139	135	137	133	132	132	133	130	131
20	137	132	134	136	134	135	133	131	132	133	129	131
21	134	131	133	135	133	134	133	132	133	132	129	130
22	142	132	135	135	133	134	133	131	132	129	123	126
23	135	132	133	135	134	135	132	131	132	123	105	117
24	134	132	133	135	134	135	134	131	132	112	100	106
25	135	132	133	134	133	134	135	132	133	108	102	104
26	141	134	136	136	134	135	135	132	134	113	99	104
27	140	136	138	138	136	138	133	132	133	117	108	114
28	141	135	138	143	137	139	134	133	134	116	110	113
29	139	133	136	148	135	139	134	133	133	118	115	117
30	136	133	134	156	135	140	134	133	134	118	114	117
31	136	133	134	---	---	---	136	134	135	121	116	118
MONTH	216	130	139	160	133	137	150	128	134	152	99	127

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, 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	120	116	119	109	99	102	87	81	83	75	70	71
2	122	118	120	101	90	97	88	83	85	76	70	72
3	121	118	120	95	91	93	87	83	85	81	71	75
4	122	120	121	96	91	94	87	83	84	83	70	75
5	122	120	121	97	95	96	89	84	86	77	66	70
6	121	120	121	98	96	97	88	83	86	73	67	70
7	121	120	121	99	97	98	85	80	83	73	68	71
8	123	120	121	100	97	99	82	79	80	72	67	69
9	116	112	115	101	99	100	81	80	80	70	67	68
10	114	111	112	103	98	100	83	79	81	74	67	70
11	115	112	113	98	96	97	88	80	83	78	68	73
12	115	105	111	97	96	96	115	87	96	74	67	70
13	109	106	108	98	96	97	123	90	104	76	66	70
14	113	106	108	100	93	97	102	84	96	74	66	70
15	121	109	113	97	89	92	91	81	85	77	69	73
16	132	108	113	95	89	91	82	80	81	78	71	75
17	109	107	108	96	90	92	---	---	---	79	70	76
18	109	107	108	93	90	91	---	---	---	78	70	74
19	111	108	109	92	89	90	---	---	---	76	70	74
20	113	105	110	92	90	91	87	83	85	82	77	81
21	110	102	105	93	90	91	90	82	85	83	78	80
22	104	102	103	97	91	93	88	83	86	86	80	82
23	104	102	103	100	93	95	91	85	87	84	66	82
24	108	104	106	97	93	95	91	85	87	83	74	81
25	107	103	105	95	90	93	94	87	90	85	79	82
26	108	103	105	93	83	89	112	88	93	88	70	84
27	108	101	103	90	82	85	113	90	97	92	83	86
28	107	101	103	93	84	87	102	89	94	93	83	86
29	---	---	---	98	87	91	---	---	---	99	81	85
30	---	---	---	95	88	91	---	---	---	104	66	84
31	---	---	---	96	81	90	---	---	---	107	81	87
MONTH	132	101	112	109	81	94	123	79	87	107	66	76
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	111	76	89	110	88	90	101	97	98	106	101	103
2	106	60	87	109	88	95	105	98	100	105	101	104
3	107	86	89	90	87	88	104	98	101	103	97	100
4	91	65	87	108	88	90	101	97	99	99	90	97
5	108	77	87	109	90	93	101	96	98	92	43	72
6	101	83	87	109	89	95	105	98	100	57	42	51
7	---	---	---	110	89	93	105	96	99	59	40	50
8	105	82	86	110	90	95	113	93	95	54	42	49
9	88	84	87	110	89	94	116	91	97	66	46	58
10	105	80	87	95	90	92	128	90	100	78	57	68
11	105	84	89	99	92	95	142	89	103	92	66	77
12	105	82	88	109	93	98	138	90	103	93	81	89
13	105	83	86	136	96	107	114	87	100	95	85	90
14	101	86	88	138	94	108	106	97	100	96	92	94
15	101	85	88	121	93	102	104	99	101	102	94	99
16	90	86	89	122	94	100	108	100	103	103	100	101
17	103	82	88	108	92	95	106	99	102	104	98	102
18	107	86	96	101	93	95	103	99	101	106	101	104
19	108	85	92	100	95	97	103	99	101	106	102	104
20	106	84	87	99	95	97	102	99	101	106	103	105
21	106	86	90	101	96	98	103	99	100	122	104	107
22	108	87	91	103	97	99	102	99	100	128	105	110
23	107	87	89	104	97	99	105	100	102	108	104	105
24	108	87	90	103	95	99	109	101	104	115	104	107
25	107	87	91	99	95	96	116	102	107	107	103	105
26	108	87	93	100	96	98	119	100	105	108	105	106
27	108	86	90	101	95	98	105	100	102	109	106	107
28	109	89	94	101	97	99	104	100	102	109	106	107
29	111	91	94	102	97	99	107	101	103	108	106	107
30	112	87	92	100	95	98	109	103	105	109	107	108
31	---	---	---	100	95	97	111	102	106	---	---	---
MONTH	112	60	89	138	87	97	142	87	101	128	40	93
YEAR	216	40	108									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	6.9	7.3	7.1	7.1	7.0	7.2	7.0	7.1	6.7	6.8	6.7
2	7.1	6.9	7.3	7.1	7.1	7.0	7.3	7.0	7.0	6.7	6.7	6.5
3	7.2	6.9	7.2	7.1	7.2	6.9	7.2	7.0	7.1	6.8	6.7	6.5
4	7.2	6.9	7.4	7.2	7.2	7.0	7.2	7.1	7.1	6.7	6.8	6.5
5	7.2	6.8	7.4	7.2	7.2	7.0	7.3	7.0	7.2	6.8	6.8	6.7
6	7.2	6.8	7.3	7.1	7.3	7.1	7.3	7.1	7.1	7.0	6.8	6.7
7	7.2	7.0	7.3	7.1	7.2	7.1	7.3	7.1	7.0	6.9	6.8	6.7
8	7.2	7.0	7.1	7.0	7.2	7.1	7.2	6.8	7.0	6.9	6.8	6.6
9	7.1	6.9	7.1	7.0	7.1	7.0	7.2	6.9	7.1	7.1	6.7	6.5
10	7.0	6.9	7.1	7.0	7.0	7.0	7.1	6.9	7.1	6.9	6.8	6.4
11	7.1	6.9	7.1	6.9	7.0	7.0	7.1	6.8	7.0	6.8	7.0	6.7
12	7.1	7.0	7.0	6.8	7.0	6.9	7.2	6.9	7.0	6.7	6.9	6.7
13	7.2	6.9	7.1	6.8	7.2	6.9	7.3	6.9	7.0	6.7	6.9	6.6
14	7.1	7.0	7.3	7.0	7.3	7.1	7.3	6.9	7.0	6.7	7.0	6.6
15	7.1	7.0	7.2	7.1	7.2	7.0	7.2	7.0	6.9	6.7	7.0	6.7
16	7.4	7.1	7.2	7.0	7.2	7.0	7.2	7.0	6.9	6.8	6.8	6.6
17	7.5	7.2	7.2	7.0	7.1	7.0	7.1	6.9	6.9	6.9	6.8	6.7
18	7.7	7.2	7.1	7.0	7.1	7.0	7.2	7.0	6.9	6.9	6.9	6.6
19	7.5	7.2	7.1	6.9	7.0	6.9	7.2	6.9	6.9	6.8	6.8	6.5
20	7.6	7.2	7.1	7.0	7.1	7.0	7.1	6.8	6.9	6.7	6.8	6.6
21	7.8	7.3	7.1	6.9	7.2	7.0	7.1	6.8	6.9	6.7	6.8	6.5
22	7.7	7.2	7.1	7.0	7.2	7.1	7.0	6.8	6.9	6.6	6.8	6.4
23	7.4	7.1	7.2	7.0	7.2	7.1	6.9	6.5	6.9	6.6	6.9	6.4
24	7.3	7.0	7.1	7.0	7.2	7.0	6.7	6.5	6.9	6.5	6.9	6.5
25	7.3	7.2	7.1	7.0	7.1	7.0	6.8	6.5	6.8	6.5	6.8	6.5
26	7.3	7.1	7.1	7.0	7.1	7.0	6.9	6.5	6.8	6.6	6.7	6.4
27	7.3	7.1	7.0	6.9	7.1	7.0	7.0	6.7	6.8	6.7	6.7	6.3
28	7.3	6.9	7.0	6.9	7.3	7.0	7.1	6.7	6.8	6.7	6.6	6.2
29	7.2	6.9	7.1	6.9	7.3	7.1	7.2	7.0	---	---	6.5	6.1
30	7.3	7.1	7.1	7.0	7.3	7.1	7.2	6.9	---	---	6.6	6.2
31	7.3	7.2	---	---	7.3	7.0	7.1	6.8	---	---	6.8	6.4
MONTH	7.8	6.8	7.4	6.8	7.3	6.9	7.3	6.5	7.2	6.5	7.0	6.1
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.8	6.4	7.3	7.2	---	---	7.6	7.3	7.7	7.3	7.9	7.0
2	6.7	6.4	7.3	7.2	---	---	7.4	7.1	7.6	7.2	7.8	7.2
3	6.8	6.5	7.2	7.2	---	---	7.4	7.2	7.5	7.1	7.7	6.1
4	6.7	6.2	7.2	7.2	---	---	7.4	7.2	7.3	7.0	7.6	7.0
5	6.8	6.4	7.2	7.1	---	---	7.5	7.3	7.3	7.0	7.4	6.0
6	6.8	6.5	7.1	7.1	---	---	7.6	7.4	7.4	7.0	6.6	5.8
7	6.9	6.5	7.1	7.1	---	---	7.8	7.5	7.9	6.3	6.2	5.6
8	6.9	6.5	7.1	7.0	---	---	7.8	7.6	7.9	7.4	6.7	6.1
9	6.9	6.6	7.1	7.0	---	---	7.7	7.3	8.1	7.0	6.4	5.9
10	7.1	6.6	---	---	---	---	7.6	7.2	8.0	7.4	7.3	5.8
11	6.7	6.3	---	---	---	---	7.6	7.0	7.6	7.1	7.2	6.7
12	6.9	6.2	---	---	---	---	7.6	7.0	7.9	7.1	6.7	6.0
13	7.1	6.7	---	---	---	---	7.6	7.0	8.0	7.1	7.2	6.1
14	7.1	6.7	---	---	---	---	7.8	7.2	7.6	6.9	7.3	6.5
15	7.2	6.8	---	---	---	---	7.6	7.1	7.2	6.1	7.4	6.4
16	7.3	6.8	---	---	7.6	7.2	7.7	7.1	---	---	7.7	6.9
17	7.2	7.2	---	---	7.6	7.2	7.7	7.0	---	---	7.6	7.1
18	7.2	7.2	---	---	7.5	7.2	7.5	7.0	7.5	6.9	7.8	6.8
19	7.2	7.2	---	---	7.4	7.3	7.4	7.0	7.1	6.4	7.8	6.8
20	7.2	7.2	---	---	7.3	7.2	7.4	7.0	6.6	6.0	7.7	6.6
21	7.3	7.2	---	---	7.3	7.2	7.5	6.9	6.4	5.9	7.9	7.0
22	7.2	7.2	---	---	7.4	7.2	7.6	6.4	6.4	5.9	7.8	7.2
23	---	---	---	---	7.5	7.3	8.0	7.3	6.8	6.2	7.8	7.2
24	7.3	7.2	---	---	7.6	7.3	8.2	7.8	6.7	6.1	7.9	7.2
25	7.3	7.2	---	---	7.5	7.1	8.0	7.5	8.0	7.0	---	---
26	7.3	7.2	---	---	7.5	7.1	7.9	7.2	8.1	7.3	---	---
27	7.3	7.2	---	---	7.6	7.3	8.1	7.2	8.0	7.5	7.6	6.7
28	7.3	7.2	---	---	7.6	7.2	8.1	7.1	7.7	7.1	8.0	7.5
29	---	---	---	---	7.7	7.4	8.1	7.4	7.4	6.2	7.8	7.3
30	---	---	---	---	7.6	7.4	8.0	7.4	7.7	6.2	7.7	7.4
31	---	---	---	---	---	---	7.9	7.5	7.9	6.9	---	---
MONTH	7.3	6.2	7.3	7.0	7.7	7.1	8.2	6.4	8.1	5.9	8.0	5.6
YEAR	8.2	5.6										

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

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

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

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	28.0	28.5	27.5	27.5	27.5	29.5	29.0	29.0	27.5	27.0	27.5
2	29.0	28.5	28.5	27.5	27.5	27.5	30.0	29.5	29.5	27.5	27.5	27.5
3	30.0	28.5	29.5	27.5	27.5	27.5	30.0	29.5	30.0	27.5	27.0	27.5
4	29.5	27.5	28.5	28.0	27.0	27.5	30.0	29.5	29.5	27.5	25.0	26.5
5	29.5	27.5	28.0	29.0	28.0	28.5	30.0	29.5	30.0	25.5	23.0	24.5
6	29.0	28.5	29.0	29.0	28.5	28.5	30.5	29.5	30.0	24.5	23.0	24.0
7	---	---	---	29.0	28.5	28.5	30.5	29.5	30.0	24.5	24.0	24.0
8	28.5	27.5	28.5	29.5	29.0	29.0	31.0	29.5	30.0	25.0	24.0	24.5
9	27.5	27.5	27.5	30.0	29.0	29.5	31.0	30.5	30.5	26.5	25.0	25.5
10	29.0	28.0	28.5	30.5	29.5	30.0	31.0	30.0	30.5	27.0	26.0	26.0
11	28.5	28.0	28.0	31.0	29.5	30.5	30.5	30.0	30.5	26.5	26.0	26.5
12	28.5	27.0	28.0	31.0	30.0	30.5	30.0	29.5	30.0	26.5	26.0	26.5
13	28.5	28.0	28.0	31.0	29.5	30.5	29.5	29.0	29.5	26.5	26.0	26.0
14	28.0	27.5	28.0	31.0	29.5	30.0	29.5	28.5	29.0	27.5	26.5	26.5
15	28.5	27.5	28.0	30.5	29.5	30.0	29.0	28.5	28.5	27.5	26.5	27.0
16	28.0	28.0	28.0	30.0	29.5	30.0	29.0	28.0	28.5	27.5	27.0	27.0
17	29.0	28.0	28.5	30.0	29.0	29.5	29.5	28.5	29.0	27.5	27.0	27.0
18	29.5	28.5	29.0	29.0	28.5	29.0	29.5	29.0	29.0	27.5	27.0	27.0
19	28.5	28.0	28.5	29.0	28.5	28.5	30.0	29.0	29.5	27.5	27.0	27.5
20	28.0	27.5	28.0	29.0	28.5	29.0	29.5	28.5	29.0	27.5	27.0	27.5
21	28.5	27.5	28.0	29.5	28.5	29.0	29.0	28.5	29.0	28.0	27.0	27.5
22	28.0	27.5	28.0	30.0	29.0	29.5	29.5	28.5	29.0	27.5	27.0	27.0
23	28.0	27.5	28.0	30.0	29.5	30.0	29.5	28.5	29.0	27.0	26.0	26.5
24	28.5	25.5	28.0	30.0	29.5	29.5	29.5	29.0	29.0	26.5	26.0	26.5
25	28.5	27.5	28.0	29.5	29.0	29.0	29.5	28.5	29.0	27.0	26.0	26.5
26	28.0	27.0	27.5	30.0	29.0	29.5	29.5	28.5	29.0	26.5	26.0	26.5
27	28.0	27.5	27.5	30.0	29.5	29.5	29.5	28.5	29.0	26.5	26.0	26.0
28	28.5	27.5	28.0	30.0	29.0	29.5	29.5	29.0	29.0	26.0	25.5	26.0
29	28.5	28.0	28.0	30.0	29.0	29.5	29.5	29.0	29.0	26.0	25.5	25.5
30	28.5	27.5	28.0	29.5	29.0	29.0	29.0	28.5	29.0	26.0	25.5	25.5
31	---	---	---	29.5	29.0	29.0	28.5	27.5	28.5	---	---	---
MONTH	30.0	25.5	28.0	31.0	27.0	29.0	31.0	27.5	29.5	28.0	23.0	26.5
YEAR	31.0	7.5	20.5									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.4	4.8	5.8	6.5	5.8	6.4	7.0	6.6	6.8	7.2	6.6	7.0
2	6.5	4.7	5.7	6.6	5.8	6.4	7.1	6.8	6.9	---	---	---
3	6.4	4.1	5.7	6.6	5.9	6.5	7.4	6.4	6.8	---	---	---
4	6.2	3.4	5.6	6.6	5.8	6.3	7.9	6.1	7.1	---	---	---
5	6.3	3.9	5.0	6.6	6.0	6.5	8.1	7.0	7.6	---	---	---
6	6.4	4.1	5.5	6.6	5.9	6.5	8.2	7.1	7.7	---	---	---
7	6.3	5.1	5.9	6.6	5.8	6.4	8.5	7.1	7.9	9.4	7.6	8.5
8	6.6	5.2	6.0	6.6	5.6	6.3	8.4	7.7	8.1	7.9	6.8	7.4
9	6.7	5.4	6.1	6.6	5.8	6.4	8.6	7.9	8.1	8.2	6.6	7.4
10	6.6	5.1	6.1	6.7	5.9	6.5	8.6	7.7	8.4	9.0	7.9	8.6
11	6.8	5.3	6.2	6.6	5.7	6.2	8.9	7.6	8.4	8.6	7.7	8.0
12	6.9	5.8	6.5	6.7	5.7	6.1	8.5	7.6	8.2	9.1	7.5	8.4
13	7.0	5.5	6.4	6.7	5.6	6.1	8.4	7.0	7.8	9.9	8.6	9.2
14	6.9	5.8	6.2	6.1	5.3	5.8	7.8	6.7	7.3	11.5	8.6	10.0
15	7.1	6.0	6.7	6.3	5.5	6.0	7.6	7.0	7.5	10.6	8.9	10.1
16	7.4	6.1	6.9	6.7	5.8	6.4	8.0	7.1	7.5	10.3	9.4	9.9
17	7.6	6.5	7.1	7.0	6.2	6.6	7.8	6.9	7.4	9.6	9.2	9.4
18	7.7	6.9	7.4	6.9	6.1	6.6	7.6	6.9	7.3	9.3	8.3	8.9
19	7.5	5.4	7.0	6.8	6.0	6.3	7.3	6.3	7.0	10.5	9.1	9.8
20	7.8	6.5	7.3	6.5	6.0	6.2	7.5	6.7	7.2	9.3	7.5	8.5
21	8.0	7.1	7.5	6.8	5.7	6.2	7.1	6.6	6.8	8.9	7.9	8.4
22	8.0	4.9	7.5	6.8	5.9	6.3	6.9	6.2	6.5	8.7	7.2	8.2
23	8.1	5.8	7.4	6.7	6.2	6.5	7.1	6.4	6.8	7.2	5.9	6.6
24	8.1	6.2	7.7	6.8	6.5	6.7	7.7	6.9	7.3	8.5	5.9	7.0
25	8.1	7.9	8.0	7.5	6.5	6.9	7.3	7.0	7.2	9.7	7.6	8.4
26	8.2	7.1	8.0	7.6	6.7	7.0	7.3	6.9	7.1	8.7	7.5	8.2
27	8.2	6.3	7.8	7.5	6.6	6.9	7.2	6.7	7.0	8.1	6.7	7.3
28	8.3	5.7	7.4	7.3	6.3	6.8	7.1	6.2	6.8	9.2	7.3	8.3
29	7.7	5.4	6.4	7.6	6.2	6.8	7.2	6.2	6.7	9.9	7.3	8.7
30	6.6	5.6	6.2	7.6	6.8	7.1	7.4	6.4	7.1	11.2	9.5	10.4
31	6.5	5.8	6.3	---	---	---	7.2	6.4	6.9	10.2	8.2	9.1
MONTH	8.3	3.4	6.6	7.6	5.3	6.5	8.9	6.1	7.3	11.5	5.9	8.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.8	7.7	9.1	8.1	7.3	7.8	7.1	5.2	6.1	9.2	8.1	8.8
2	10.6	9.1	9.8	8.1	6.8	7.5	8.1	5.1	6.5	8.6	7.3	8.0
3	10.5	8.1	9.2	8.6	6.9	7.6	8.0	6.0	6.8	8.4	7.3	7.9
4	9.4	7.6	8.4	8.1	6.9	7.5	6.5	4.8	5.6	8.1	7.1	7.5
5	9.2	8.0	8.6	10.3	6.5	8.5	7.2	4.6	5.8	9.0	6.9	8.0
6	9.9	8.5	9.2	9.7	7.8	8.6	7.8	5.5	6.5	9.2	7.9	8.6
7	9.5	8.7	9.3	10.0	8.5	9.1	8.1	6.0	6.8	8.8	8.1	8.5
8	10.4	8.4	9.2	9.5	8.4	8.9	8.2	6.5	7.2	8.7	7.8	8.3
9	---	---	---	8.6	7.3	8.2	8.4	6.5	7.2	9.2	7.5	8.3
10	9.3	8.1	8.7	8.2	6.9	7.4	8.2	6.0	7.0	9.1	7.9	8.6
11	9.3	6.7	8.0	7.8	5.6	6.8	6.7	5.1	6.0	8.7	7.6	7.9
12	9.8	7.5	8.6	7.4	6.9	7.1	8.8	3.3	5.8	8.5	7.2	7.8
13	8.8	7.2	8.1	8.2	5.8	7.0	9.0	3.7	7.0	8.3	7.1	7.7
14	9.3	6.8	8.1	8.3	5.7	7.1	9.1	4.6	7.1	8.4	7.0	7.8
15	8.8	6.8	7.9	8.9	6.2	7.5	8.7	7.0	8.0	8.7	6.8	7.9
16	8.1	6.7	7.3	9.0	6.8	7.8	9.2	7.7	8.7	8.8	7.4	8.0
17	7.3	6.3	6.9	8.2	6.7	7.4	10.1	8.7	9.1	8.6	6.9	7.8
18	9.6	6.8	8.0	8.1	6.7	7.4	9.7	9.1	9.2	8.6	7.0	7.8
19	8.8	7.2	8.2	7.9	6.6	7.6	9.7	9.3	9.6	7.9	6.9	7.4
20	8.8	6.7	7.7	8.5	6.5	7.4	10.1	8.4	9.1	---	---	---
21	8.4	7.7	8.1	8.7	6.7	7.4	10.2	8.3	9.8	7.9	7.0	7.5
22	8.1	7.1	7.8	8.2	6.2	6.9	9.8	8.5	9.4	8.4	7.1	7.5
23	8.4	6.9	7.7	8.3	5.7	6.8	---	---	---	9.4	6.9	8.1
24	7.9	6.2	7.1	8.1	5.7	6.8	9.4	7.7	8.4	8.8	7.8	8.2
25	8.1	7.1	7.7	7.1	6.4	6.8	9.2	7.2	8.3	8.9	7.4	8.2
26	7.8	6.9	7.4	7.5	6.1	6.7	10.5	8.1	9.1	8.8	7.0	8.0
27	7.7	7.0	7.3	7.1	6.2	6.6	10.4	8.4	9.5	8.7	6.1	7.7
28	8.5	7.6	8.1	6.9	5.0	6.3	---	---	---	8.8	6.0	7.3
29	---	---	---	7.9	4.5	6.2	---	---	---	8.8	6.1	7.4
30	---	---	---	8.5	5.1	6.9	---	---	---	9.9	6.6	7.6
31	---	---	---	7.3	4.8	6.0	---	---	---	9.3	5.2	7.6
MONTH	10.8	6.2	8.2	10.3	4.5	7.3	10.5	3.3	7.7	9.9	5.2	7.9

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.8	6.0	7.1	7.4	6.3	6.9	8.4	6.5	7.6	9.6	6.2	7.8
2	7.4	5.5	6.7	7.2	6.0	6.5	8.3	6.9	7.6	8.8	6.0	7.5
3	7.2	6.0	6.7	7.2	6.0	6.6	8.4	6.8	7.7	8.0	5.9	7.2
4	6.6	4.6	5.6	6.9	5.8	6.4	8.7	7.3	7.8	8.1	6.1	7.0
5	8.3	4.7	6.0	7.4	6.3	6.7	8.4	7.5	7.9	8.7	7.4	8.1
6	---	---	---	7.3	6.6	7.0	8.2	6.6	7.5	7.8	6.2	7.0
7	---	---	---	7.8	6.6	7.2	8.7	6.1	7.5	6.8	5.2	6.0
8	---	---	---	7.6	7.0	7.3	8.9	6.7	7.8	6.0	3.9	5.3
9	---	---	---	7.8	6.5	7.2	9.0	6.9	7.8	6.4	3.6	5.4
10	7.4	6.4	6.9	8.2	6.4	7.3	8.4	6.4	7.5	9.6	4.9	7.7
11	7.5	5.9	6.7	7.8	6.1	7.1	7.8	6.1	7.0	---	---	---
12	7.8	5.3	6.7	7.8	6.0	6.9	8.1	5.7	6.9	---	---	---
13	7.4	6.4	6.9	7.7	6.0	6.9	8.6	6.3	7.4	---	---	---
14	7.0	5.8	6.4	7.7	5.7	6.8	10.0	7.1	8.1	---	---	---
15	7.4	5.2	6.4	6.8	5.2	6.3	9.1	7.1	8.1	8.3	6.3	8.4
16	---	---	---	7.3	5.8	6.5	8.7	6.9	8.0	7.8	6.3	7.1
17	8.9	6.9	7.6	7.6	6.1	6.8	9.4	7.3	8.1	6.8	5.5	6.1
18	8.6	7.3	7.9	7.5	5.9	6.5	9.8	8.0	8.7	7.2	5.0	5.8
19	7.8	7.2	7.6	7.2	6.0	6.4	10.3	8.5	9.7	7.5	5.2	6.5
20	7.2	6.7	6.9	7.5	6.7	7.1	9.7	8.3	9.1	7.4	5.4	6.6
21	7.1	6.3	6.7	8.0	6.6	7.3	---	---	---	8.8	5.5	7.2
22	7.1	5.9	6.5	8.6	6.8	7.6	---	---	---	9.2	6.3	7.8
23	7.8	6.4	7.1	8.9	6.4	7.6	---	---	---	9.7	6.8	8.3
24	7.6	6.1	6.9	8.7	6.8	7.9	---	---	---	9.3	5.9	7.5
25	7.1	5.9	6.6	8.5	6.6	7.7	---	---	---	8.1	5.1	6.4
26	7.3	5.6	6.6	8.8	7.0	8.0	---	---	---	7.3	4.7	6.2
27	7.8	6.4	7.1	8.4	7.2	7.9	---	---	---	7.4	5.2	6.3
28	8.0	6.0	7.1	8.1	6.6	7.5	---	---	---	6.9	4.4	5.8
29	8.2	6.7	7.6	8.1	6.4	7.3	---	---	---	7.2	3.9	5.5
30	8.1	6.6	7.3	9.8	7.0	8.1	---	---	---	6.6	5.2	6.2
31	---	---	---	9.0	6.9	8.0	---	---	---	---	---	---
MONTH	8.9	4.6	6.9	9.8	5.2	7.1	10.3	5.7	7.9	9.7	3.6	6.8
YEAR	11.5	3.3	7.4									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC

LOCATION.--Lat 33°03'49'', long 79°57'26'', Berkeley County, Hydrologic Unit 03050201, on left bank of Durham Canal 0.5 mi upstream of secondary road 9.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to current year.
pH: February 1981 to current year.
WATER TEMPERATURE: February 1981 to current year.
DISSOLVED OXYGEN: February 1981 to current year.

INSTRUMENTATION.--USGS mini-monitor October 1980 to February 1981. USGS water-quality monitor since February 1981. Data collection platform since May 1984. USGS mini-monitor since May 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 437 microsiemens, Sept. 17, 1985; 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, Jul. 20, 1986; minimum, 4.5°C, Jan. 23, 24, 1985.
DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 27, 28, 1983; minimum, 0.9 mg/L, Jun. 29-30, 1982.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 299 microsiemens, Aug. 12; minimum, 43 microsiemens, Sept. 7.
pH: Maximum, 8.1 units, Aug. 26; minimum, 5.3 units, May 7.
WATER TEMPERATURE: Maximum, 31.5°C, Jul. 12; minimum, 7.0°C, Jan. 24, 29.
DISSOLVED OXYGEN: Maximum, 10.1 mg/L, Sept. 23; minimum, 2.3 mg/L, Sept. 2

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	159	123	141	134	123	126	180	123	149	237	122	165
2	148	119	131	138	123	128	156	123	138	213	132	152
3	137	120	126	162	124	135	145	126	137	135	123	129
4	166	125	139	186	126	144	162	124	140	128	120	124
5	226	133	167	167	129	139	167	125	141	128	119	123
6	283	141	199	154	127	135	157	122	135	122	119	120
7	267	141	197	167	128	142	149	123	133	122	119	120
8	194	138	172	163	123	132	134	122	128	123	119	121
9	173	128	149	132	122	126	129	121	124	125	118	121
10	145	121	134	135	123	127	125	120	122	123	117	120
11	144	121	132	139	125	132	125	119	122	120	117	119
12	149	128	135	153	129	136	122	117	120	124	116	118
13	149	127	137	185	134	148	121	114	117	118	116	117
14	139	124	131	144	122	131	118	111	114	121	117	119
15	142	128	135	136	121	127	117	109	113	144	121	127
16	143	124	133	139	124	130	116	109	113	132	119	126
17	129	123	126	148	125	133	117	113	115	126	118	121
18	135	124	129	153	123	134	123	115	118	121	118	119
19	163	127	140	136	123	130	119	116	118	118	110	115
20	136	127	132	129	115	123	122	118	119	117	104	114
21	135	125	130	133	114	122	128	118	121	117	112	114
22	144	125	131	129	120	122	124	118	120	114	88	104
23	133	122	126	124	120	121	119	117	118	112	65	95
24	131	122	125	125	121	122	120	117	118	93	69	85
25	127	120	124	122	119	120	120	117	119	89	72	83
26	170	125	133	123	120	121	120	117	119	92	79	85
27	141	126	132	128	122	124	120	118	119	98	83	90
28	137	128	132	151	124	133	120	118	119	102	89	96
29	133	124	129	219	127	156	120	117	119	102	95	99
30	130	123	127	258	129	182	121	117	119	103	95	100
31	133	123	127	---	---	---	126	119	123	103	98	101
MONTH	283	119	139	258	114	133	180	109	124	237	65	114

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, 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	104	100	102	106	88	96	82	73	76	80	67	73
2	115	103	106	92	77	87	79	74	76	78	68	72
3	108	104	106	85	74	82	78	75	76	78	68	72
4	107	105	106	84	77	82	84	75	77	79	62	73
5	110	105	107	87	82	84	80	75	77	92	74	83
6	110	105	107	90	84	86	80	77	78	109	72	85
7	108	105	107	89	86	87	80	75	78	96	79	81
8	111	106	107	91	86	88	77	72	74	82	74	81
9	111	102	107	91	86	89	76	73	74	79	73	75
10	106	100	103	91	84	89	75	72	74	94	75	79
11	105	102	104	91	87	89	76	73	75	94	77	83
12	106	99	105	88	87	88	91	75	78	80	75	78
13	107	100	103	90	88	89	96	80	86	81	76	78
14	110	100	103	99	89	92	99	78	87	84	75	77
15	132	104	114	98	84	92	88	77	83	80	77	78
16	159	104	124	96	86	91	92	80	85	86	78	81
17	114	99	105	103	85	92	107	79	93	94	79	85
18	112	98	104	97	83	89	109	78	92	92	77	82
19	107	98	101	95	83	87	89	78	85	85	77	80
20	104	99	101	85	80	83	91	75	82	89	75	81
21	102	93	98	84	80	82	89	74	80	83	76	79
22	99	91	94	90	82	85	87	73	79	84	79	81
23	103	90	94	98	83	90	85	72	78	83	77	80
24	106	87	94	98	84	90	81	72	76	85	78	80
25	102	89	95	96	83	88	93	79	85	87	79	83
26	124	93	105	89	75	84	103	77	90	89	80	82
27	102	96	100	85	75	79	109	77	90	98	83	87
28	126	94	104	83	75	78	90	74	82	111	81	94
29	---	---	---	83	77	80	104	75	85	102	79	89
30	---	---	---	95	83	87	87	68	77	88	80	83
31	---	---	---	88	72	83	---	---	---	91	81	85
MONTH	159	87	104	106	72	87	109	68	81	111	62	81
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	96	82	87	101	89	93	103	98	100	98	91	95
2	87	81	84	101	89	95	111	99	103	99	89	93
3	86	81	84	114	88	96	109	102	105	97	89	92
4	85	82	83	126	89	109	109	98	103	92	79	88
5	85	80	82	134	91	104	104	96	100	80	52	68
6	85	80	82	116	91	97	116	99	103	68	44	50
7	86	82	84	96	90	92	116	99	106	72	43	61
8	87	83	85	95	90	92	149	99	106	89	50	71
9	89	82	86	95	90	92	165	107	131	88	60	75
10	89	84	86	104	91	96	229	116	162	85	57	72
11	90	85	87	119	95	100	229	115	157	82	69	74
12	90	82	88	136	100	116	299	131	207	86	69	80
13	91	84	87	210	111	155	167	116	144	91	78	84
14	93	85	89	225	105	163	140	105	116	96	77	88
15	95	86	91	172	104	141	126	99	114	97	85	89
16	93	85	90	174	105	130	127	103	114	96	86	90
17	102	85	90	148	95	109	132	104	111	101	89	93
18	91	87	89	111	92	100	127	100	106	103	92	96
19	91	86	88	105	96	99	109	100	104	107	94	99
20	90	85	87	103	95	99	119	100	106	116	94	101
21	93	87	89	108	96	101	105	100	103	154	97	115
22	95	88	90	110	98	102	108	100	102	183	103	134
23	92	87	89	119	97	104	117	101	105	135	98	114
24	92	87	90	120	95	106	125	104	110	146	98	116
25	97	87	92	97	94	96	138	113	126	116	97	105
26	102	88	93	98	96	97	137	93	120	119	95	102
27	100	87	91	100	96	99	106	93	99	119	97	104
28	96	88	92	101	97	100	102	94	97	113	98	102
29	102	91	95	105	97	102	102	93	97	120	98	101
30	100	90	94	104	97	102	102	94	98	101	98	99
31	---	---	---	101	96	99	104	95	100	---	---	---
MONTH	102	80	88	225	88	106	299	93	115	183	43	92
YEAR	299	43	105									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.8	7.1	7.3	7.1	7.3	7.1	7.6	7.3	7.2	6.9	6.7	6.4
2	7.8	6.9	7.3	6.9	7.2	7.0	7.4	7.0	7.2	6.9	6.7	6.2
3	7.6	6.8	7.3	6.9	7.3	6.8	7.5	6.8	7.1	6.9	6.6	6.2
4	7.8	6.9	7.4	6.9	7.4	6.8	7.6	7.1	7.3	7.0	6.7	6.3
5	8.0	6.8	7.4	6.9	7.4	6.9	7.7	7.4	7.3	7.0	6.8	6.5
6	7.7	6.7	7.2	6.8	7.5	7.1	7.9	7.3	7.2	7.0	6.9	6.5
7	7.0	6.1	7.3	6.7	7.5	7.1	7.8	7.2	7.2	6.9	6.9	6.6
8	7.0	5.9	7.2	7.0	7.4	7.1	7.7	7.1	7.1	6.8	6.8	6.5
9	6.8	5.7	7.2	6.9	7.4	7.2	7.8	7.4	7.4	6.8	6.8	6.4
10	6.1	5.7	7.3	7.0	7.4	7.2	7.6	7.2	7.4	7.0	6.9	6.4
11	5.8	5.5	7.2	7.1	7.3	7.1	7.4	6.8	7.3	7.0	7.3	6.7
12	6.2	5.6	7.2	7.0	7.2	7.0	7.5	6.9	7.2	7.0	7.3	6.7
13	6.7	6.0	7.3	7.1	7.3	6.7	7.6	7.1	7.3	6.9	7.4	6.7
14	6.7	6.3	7.6	7.2	7.4	6.8	7.6	7.2	7.2	7.0	7.3	6.9
15	6.5	5.9	7.5	7.2	7.4	6.8	7.6	7.1	7.2	6.9	7.1	6.9
16	6.6	5.8	7.5	7.1	7.4	6.8	7.4	7.1	7.1	6.9	7.1	6.8
17	6.9	5.8	7.5	7.1	7.4	6.9	7.2	6.9	7.1	6.8	7.2	6.9
18	7.2	5.8	7.4	7.2	7.3	7.1	7.1	6.8	7.0	6.6	7.1	6.9
19	7.3	5.9	7.4	7.1	7.3	6.9	7.2	6.5	7.1	6.6	7.0	6.6
20	7.5	6.1	7.4	7.0	7.3	7.0	7.1	6.4	7.1	6.8	6.9	6.5
21	7.6	6.1	7.3	6.9	7.4	7.1	7.4	6.8	7.1	6.9	6.9	6.4
22	7.9	6.3	7.4	6.8	7.5	7.2	7.1	6.4	7.0	6.8	7.0	6.4
23	7.6	6.5	7.4	7.0	7.5	7.2	6.6	6.2	6.9	6.5	7.2	6.5
24	7.3	6.5	7.4	6.9	7.4	7.0	6.8	6.3	7.0	6.6	7.2	6.7
25	7.3	6.8	7.4	7.2	7.3	6.9	6.8	6.3	6.9	6.6	7.0	6.7
26	7.6	6.9	7.4	7.1	7.3	6.9	6.8	6.5	6.9	6.6	6.7	6.5
27	7.5	7.0	7.3	7.0	7.4	7.1	7.1	6.6	6.8	6.7	6.6	6.3
28	7.3	6.8	7.3	7.1	7.5	7.2	7.2	6.7	6.8	6.5	6.6	6.2
29	7.4	5.8	7.4	7.1	7.6	7.1	7.3	6.8	---	---	6.6	6.3
30	7.5	7.1	7.3	7.1	7.8	7.1	7.3	6.8	---	---	6.6	6.3
31	7.4	7.1	---	---	7.7	7.0	7.2	6.8	---	---	6.7	6.3
MONTH	8.0	5.5	7.6	6.7	7.8	6.7	7.9	6.2	7.4	6.5	7.4	6.2
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.7	6.4	7.6	7.3	---	---	7.5	7.1	7.6	7.2	7.4	6.9
2	6.8	6.4	7.6	7.3	---	---	7.5	7.1	7.7	7.2	7.3	6.8
3	6.8	6.5	7.6	7.3	---	---	7.4	7.2	7.7	7.3	7.5	6.9
4	6.8	6.5	7.6	7.3	---	---	7.4	7.0	7.6	7.3	7.4	6.9
5	6.8	6.5	7.3	7.2	---	---	7.5	7.1	7.7	7.2	7.3	6.7
6	6.8	6.7	7.4	7.2	---	---	7.5	7.1	7.7	7.3	6.9	6.5
7	6.9	6.7	7.4	5.3	---	---	7.7	7.2	7.8	7.4	6.8	6.5
8	7.0	6.8	7.4	6.4	---	---	7.8	7.3	7.8	7.3	6.8	6.5
9	7.1	6.7	6.9	6.9	---	---	7.7	7.2	7.8	7.3	6.8	6.6
10	7.3	6.9	6.9	6.9	---	---	7.8	7.2	7.9	7.3	7.0	6.6
11	7.1	6.8	---	---	---	---	7.7	7.2	7.9	7.4	7.0	6.5
12	7.2	6.8	---	---	---	---	7.7	7.2	7.9	7.5	7.1	6.2
13	7.2	6.9	---	---	---	---	7.7	7.3	7.9	7.5	7.2	5.6
14	7.3	7.0	---	---	---	---	7.8	7.3	7.9	7.4	7.3	6.6
15	7.3	7.0	---	---	---	---	7.7	7.3	7.8	7.2	7.2	6.5
16	---	---	---	---	---	---	7.8	7.3	7.8	7.3	7.3	6.5
17	7.4	7.3	---	---	---	---	7.7	7.4	7.8	7.2	7.3	5.8
18	7.5	7.3	---	---	7.4	6.9	7.7	7.2	7.9	7.2	7.2	6.4
19	7.5	7.4	---	---	7.3	7.0	7.6	7.3	7.9	7.1	7.2	6.5
20	7.6	7.3	---	---	7.2	7.0	7.7	7.2	7.8	7.1	7.1	6.5
21	7.6	7.4	---	---	7.2	6.9	7.7	7.3	7.7	7.1	7.2	6.4
22	7.6	7.4	---	---	7.2	6.9	7.7	7.3	7.5	7.0	7.7	6.7
23	7.6	7.4	---	---	7.4	6.9	7.9	7.3	7.3	6.9	7.8	7.0
24	7.6	7.4	---	---	7.5	7.0	7.8	7.3	7.4	7.0	8.0	7.1
25	7.5	7.3	---	---	7.4	7.1	7.5	7.2	7.6	6.9	7.9	7.3
26	7.5	7.3	---	---	7.4	7.0	7.7	7.1	8.1	7.0	7.9	7.2
27	7.4	7.2	---	---	7.5	6.9	7.7	7.1	8.0	7.4	7.8	7.0
28	7.4	7.2	---	---	7.6	7.1	7.8	7.1	7.9	7.4	7.8	7.2
29	7.4	7.2	---	---	7.7	7.1	7.7	7.3	7.8	7.4	7.6	7.1
30	7.6	7.3	---	---	7.7	7.2	7.7	7.2	7.8	7.2	7.7	7.2
31	---	---	---	---	---	---	7.7	7.2	7.7	7.2	---	---
MONTH	7.6	6.4	7.6	5.3	7.7	6.9	7.9	7.0	8.1	6.9	8.0	5.6
YEAR	8.1	5.3										

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

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

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

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.0	26.5	28.0	27.5	27.5	29.5	29.0	29.5	27.5	26.0	27.0
2	27.0	26.0	26.5	28.0	27.5	27.5	30.0	29.0	29.5	27.0	25.5	26.5
3	27.5	26.0	27.0	27.5	27.0	27.5	30.5	29.5	30.0	27.0	26.0	26.5
4	27.5	26.0	26.5	28.0	27.0	27.5	30.5	29.5	30.0	27.0	24.5	26.0
5	26.0	24.5	25.5	29.0	27.5	28.0	30.5	29.5	30.0	25.0	23.5	24.5
6	26.5	25.0	26.0	29.0	28.5	28.5	30.5	29.5	30.0	24.0	22.5	23.0
7	27.0	26.0	26.5	29.5	28.0	28.5	30.5	29.5	30.0	24.5	23.0	24.0
8	27.5	26.5	27.0	30.0	28.5	29.5	30.5	29.5	30.0	25.5	24.0	24.5
9	28.0	26.0	27.0	30.5	29.0	30.0	30.5	30.0	30.0	26.0	25.0	25.5
10	28.0	26.5	27.0	31.0	29.5	30.0	31.0	29.0	30.5	26.5	25.5	26.0
11	27.5	26.5	27.0	31.0	30.0	30.5	31.0	30.0	30.5	27.0	25.5	26.5
12	28.0	26.5	27.0	31.5	30.5	31.0	30.5	29.5	30.0	26.5	26.0	26.0
13	28.0	26.5	27.0	31.0	30.0	30.5	29.5	29.0	29.5	26.5	25.5	26.0
14	27.0	26.5	27.0	31.0	30.0	31.0	29.0	28.5	28.5	27.0	25.5	26.5
15	27.5	26.5	27.0	31.0	30.0	30.5	28.5	28.0	28.5	27.0	25.5	26.5
16	28.0	27.0	27.5	30.5	29.5	30.0	28.5	28.0	28.5	27.5	26.5	27.0
17	28.0	27.0	27.5	30.0	29.5	29.5	29.0	28.5	28.5	27.5	27.0	27.0
18	28.0	27.5	27.5	29.5	28.5	29.0	29.5	28.5	29.0	27.5	27.0	27.0
19	28.0	27.0	27.5	29.0	28.0	28.5	30.0	29.0	29.5	27.5	27.0	27.0
20	27.5	26.5	27.0	29.0	28.0	28.5	29.5	29.0	29.0	27.5	27.0	27.0
21	28.5	27.0	27.5	29.5	28.5	29.0	29.5	28.5	29.0	28.0	27.0	27.5
22	28.0	27.0	27.5	30.0	29.0	29.5	29.5	28.5	29.0	27.5	27.0	27.0
23	28.0	27.0	27.5	30.5	29.0	30.0	30.0	28.5	29.0	26.5	26.0	26.5
24	28.5	27.5	28.0	30.5	29.5	30.0	29.0	29.0	29.0	26.5	25.5	26.0
25	28.5	28.0	28.0	29.5	29.0	29.5	29.5	28.5	29.0	26.5	25.0	26.0
26	28.0	27.5	28.0	30.0	28.5	29.5	29.5	28.5	29.0	26.5	25.0	26.0
27	28.5	27.0	27.5	30.5	29.0	29.5	29.5	28.5	29.0	26.5	25.0	26.0
28	28.5	27.5	28.0	30.0	29.0	29.5	30.0	29.0	29.5	26.0	25.5	25.5
29	29.0	27.5	28.5	30.0	29.0	30.0	29.5	29.0	29.5	25.5	25.0	25.5
30	28.5	28.0	28.0	30.0	29.0	29.5	29.0	28.0	29.0	25.5	25.0	25.5
31	---	---	---	29.5	29.0	29.5	29.0	27.0	28.5	---	---	---
MONTH	29.0	24.5	27.0	31.5	27.0	29.5	31.0	27.0	29.5	28.0	22.5	26.0
YEAR	31.5	7.0	20.0									

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.6	4.3	4.9	6.8	6.1	6.5	6.7	6.2	6.5	8.8	8.2	8.5
2	5.9	4.8	5.4	6.7	5.8	6.3	6.6	5.8	6.2	8.6	7.8	8.2
3	6.0	4.7	5.3	6.7	5.5	6.2	6.6	5.4	6.0	9.1	7.7	8.5
4	6.4	4.8	5.6	6.8	5.5	6.3	8.4	5.3	6.9	9.1	8.5	8.9
5	6.5	5.0	5.9	6.8	5.4	6.2	8.1	6.9	7.5	9.3	8.8	9.0
6	6.1	4.8	5.6	6.6	5.0	6.0	8.3	7.4	7.9	9.5	8.9	9.2
7	5.9	4.9	5.2	6.7	4.9	6.1	8.2	7.4	7.9	9.6	8.8	9.2
8	5.2	4.5	4.9	6.6	5.8	6.1	8.1	7.5	7.8	9.9	8.8	9.3
9	5.5	4.0	5.0	6.4	5.3	5.9	7.8	7.4	7.6	10.0	9.3	9.6
10	5.4	4.4	5.0	6.3	5.5	5.8	7.5	7.2	7.4	9.8	9.1	9.4
11	5.9	4.9	5.3	6.3	5.7	5.9	7.5	7.1	7.2	9.2	8.2	8.8
12	6.0	5.1	5.5	5.9	5.5	5.7	7.3	6.6	7.0	9.5	8.3	9.1
13	5.9	5.2	5.4	6.4	5.6	5.9	7.7	5.8	6.8	9.6	9.0	9.4
14	6.1	5.2	5.6	7.4	6.2	6.8	8.2	6.7	7.5	9.7	9.1	9.4
15	6.0	5.0	5.6	7.5	6.9	7.2	8.1	6.8	7.5	9.7	9.1	9.4
16	7.0	5.5	6.1	7.4	6.5	7.1	7.8	6.8	7.4	9.4	8.9	9.2
17	7.1	6.0	6.7	7.3	6.6	7.0	7.9	7.1	7.6	9.1	8.2	8.6
18	7.5	6.2	6.9	7.0	6.4	6.7	7.9	7.2	7.5	8.9	7.9	8.5
19	7.6	6.4	7.2	7.1	6.2	6.7	7.7	6.8	7.4	9.2	7.2	8.1
20	7.7	6.7	7.3	7.0	6.3	6.6	7.9	7.2	7.6	8.9	6.4	7.9
21	7.9	6.8	7.4	7.0	5.9	6.4	8.1	7.4	7.8	9.4	8.3	8.9
22	8.4	6.9	7.8	7.2	5.9	6.8	8.2	7.6	7.9	9.0	7.7	8.4
23	7.9	7.1	7.5	7.2	6.4	6.9	8.2	7.9	8.1	8.0	7.6	7.9
24	7.7	6.3	7.1	6.9	6.0	6.7	8.0	7.4	7.8	9.0	8.0	8.6
25	7.5	6.6	7.0	6.9	6.4	6.6	7.8	7.1	7.5	8.9	8.1	8.6
26	7.1	6.1	6.7	6.7	6.1	6.5	7.9	6.8	7.5	9.0	8.3	8.6
27	6.7	5.7	6.3	6.5	6.1	6.3	8.2	7.4	7.8	9.5	8.4	8.9
28	6.5	5.5	6.0	6.5	6.1	6.3	8.4	7.7	8.0	9.6	8.7	9.2
29	7.1	5.5	6.2	6.8	6.1	6.4	8.7	7.6	8.3	9.8	8.9	9.4
30	7.0	5.7	6.3	6.7	6.2	6.5	8.9	7.8	8.4	9.8	8.9	9.3
31	6.8	5.7	6.4	---	---	---	8.8	7.8	8.5	9.6	8.6	9.2
MONTH	8.4	4.0	6.1	7.5	4.9	6.4	8.9	5.3	7.5	10.0	6.4	8.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.6	9.0	9.4	8.6	7.3	8.0	7.9	6.1	7.1	---	---	---
2	9.4	8.7	9.1	8.2	6.1	7.0	8.0	6.9	7.5	---	---	---
3	9.3	8.6	8.9	7.8	6.1	7.0	8.1	7.3	7.6	---	---	---
4	9.3	8.6	9.0	8.4	6.7	7.5	7.9	7.1	7.6	---	---	---
5	9.3	8.4	8.8	8.8	7.8	8.3	8.0	7.3	7.8	---	---	---
6	9.5	8.1	9.1	8.9	7.8	8.5	8.1	7.7	7.9	---	---	---
7	8.9	8.4	8.7	8.8	7.9	8.4	8.2	7.6	7.9	---	---	---
8	8.8	8.0	8.5	8.4	7.2	8.0	9.4	7.7	8.6	7.9	7.1	7.4
9	9.0	7.9	8.4	7.9	6.5	7.5	9.3	8.6	9.0	8.2	6.8	7.3
10	9.9	8.5	9.2	8.3	6.4	7.5	9.2	8.5	8.8	8.3	6.9	7.5
11	9.9	9.1	9.6	9.1	7.6	8.4	8.8	8.3	8.6	7.5	7.0	7.3
12	9.9	9.3	9.6	9.1	8.0	8.6	8.5	7.8	8.2	7.7	6.4	7.0
13	9.8	9.2	9.5	9.0	8.0	8.6	8.2	7.5	7.9	7.4	6.5	7.0
14	9.6	9.1	9.4	8.8	8.3	8.5	8.2	7.2	7.7	7.6	6.1	6.8
15	9.4	9.0	9.3	8.4	8.1	8.3	7.9	7.3	7.5	7.7	6.2	7.0
16	9.3	8.7	9.0	8.4	7.7	8.1	---	---	---	7.7	6.5	7.1
17	9.4	8.5	8.9	9.0	7.7	8.4	---	---	---	7.9	6.0	7.1
18	9.6	7.6	8.7	8.8	8.0	8.4	---	---	---	7.6	5.6	6.8
19	9.7	8.3	9.4	8.5	7.3	8.0	---	---	---	7.3	4.9	6.6
20	9.8	9.1	9.4	8.4	7.0	7.7	---	---	---	6.8	5.1	6.0
21	9.4	8.8	9.2	8.1	6.5	7.3	---	---	---	6.5	4.7	5.8
22	9.0	8.5	8.8	8.3	6.5	7.7	---	---	---	6.7	5.1	5.9
23	8.4	7.0	7.7	8.3	7.2	7.8	---	---	---	7.8	5.3	6.3
24	9.0	7.5	8.4	8.2	7.1	7.7	---	---	---	7.4	5.3	6.6
25	8.8	8.0	8.4	7.7	7.0	7.3	---	---	---	7.2	4.9	6.3
26	8.7	8.1	8.4	7.3	6.3	6.8	---	---	---	7.3	4.8	6.4
27	8.7	8.2	8.5	7.2	5.8	6.6	---	---	---	7.0	5.5	6.3
28	8.6	8.1	8.4	7.1	5.5	6.3	---	---	---	6.8	5.3	6.2
29	---	---	---	6.8	5.5	6.4	---	---	---	7.4	4.2	6.2
30	---	---	---	6.6	5.8	6.3	---	---	---	7.4	4.4	6.3
31	---	---	---	7.7	5.4	6.1	---	---	---	7.4	4.9	6.5
MONTH	9.9	7.0	8.9	9.1	5.4	7.7	9.4	6.1	8.0	8.3	4.2	6.7

02172040 BACK RIVER AT DUPONT INTAKE NEAR KITTREDGE, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.4	4.9	6.6	6.2	4.4	5.6	6.7	5.3	6.1	6.0	2.5	4.4
2	6.6	5.7	6.2	6.1	4.5	5.5	7.0	5.2	6.3	5.5	2.3	3.8
3	6.7	5.2	6.1	6.0	3.7	5.4	6.8	5.7	6.3	6.0	2.4	4.3
4	6.4	4.3	5.5	6.0	3.5	5.2	6.7	5.5	6.1	6.2	3.7	5.0
5	6.0	3.5	5.2	6.3	4.2	5.5	6.7	5.1	5.9	6.2	4.5	5.5
6	7.1	4.8	6.1	6.5	4.0	5.5	6.7	4.9	5.9	5.8	3.8	4.3
7	7.7	5.1	6.5	6.5	3.7	5.4	6.8	5.2	6.0	---	---	---
8	7.6	5.0	6.4	6.6	3.6	5.7	7.0	3.9	5.9	---	---	---
9	7.2	4.6	5.9	6.8	4.0	5.4	6.7	4.9	5.8	---	---	---
10	7.0	4.5	5.8	6.8	3.8	5.3	7.1	4.8	6.0	7.4	3.2	5.1
11	7.1	5.1	6.2	6.4	3.7	5.2	7.2	4.8	6.3	7.1	3.3	5.6
12	7.1	4.8	6.2	5.7	3.8	4.9	6.8	4.0	6.1	8.0	3.4	5.8
13	6.9	4.4	5.7	6.3	4.3	5.2	6.8	5.1	6.1	7.4	3.3	5.7
14	7.0	3.8	5.5	6.7	3.9	5.4	7.3	5.3	6.4	8.2	3.7	6.6
15	7.1	4.3	5.8	6.0	4.0	5.1	6.9	4.5	6.2	8.8	4.1	6.6
16	7.4	4.5	6.3	6.9	4.0	5.8	7.2	4.9	6.2	8.7	4.7	7.2
17	7.1	3.7	6.4	7.0	5.8	6.5	7.1	4.2	6.2	8.3	4.5	6.9
18	6.7	5.0	6.2	7.1	5.5	6.2	7.1	5.2	6.2	8.2	5.0	6.9
19	6.3	5.0	5.8	6.9	5.6	6.2	7.3	5.7	6.3	8.7	5.3	7.1
20	6.2	4.7	5.5	7.1	5.4	6.2	6.8	3.9	5.9	9.1	6.7	7.8
21	6.1	3.3	5.0	7.2	5.5	6.4	7.0	4.2	5.9	9.4	6.8	8.0
22	5.7	3.5	4.9	7.2	5.5	6.5	7.3	5.3	6.3	9.6	6.5	8.1
23	6.1	3.3	5.0	7.4	5.4	6.6	7.4	5.4	6.5	10.1	6.3	8.7
24	6.3	3.5	5.1	7.4	5.4	6.6	7.3	5.7	6.6	10.0	6.8	9.1
25	5.8	3.7	5.1	6.7	5.3	6.2	7.6	5.7	6.7	9.8	7.0	9.0
26	6.0	3.7	5.0	7.3	4.8	6.2	7.7	5.1	6.7	9.8	6.0	8.5
27	6.2	3.5	4.8	7.6	5.1	6.6	7.5	4.6	6.4	10.0	5.6	8.8
28	6.7	3.8	5.6	7.3	5.1	6.5	7.1	4.0	6.3	9.3	7.1	8.7
29	6.9	3.6	6.1	7.2	5.3	6.5	6.9	4.2	6.1	8.8	6.6	8.0
30	6.9	3.7	5.3	7.1	5.4	6.5	7.2	3.6	5.8	9.2	6.2	8.0
31	---	---	---	6.9	5.2	6.4	6.9	3.8	5.8	---	---	---
MONTH	7.7	3.3	5.7	7.6	3.5	5.9	7.7	3.6	6.2	10.1	2.3	6.8
YEAR	10.1	2.3	7.0									

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.
WATER TEMPERATURE: Maximum, 32.0°C, July 20, 21, 1986; minimum, 4.5°C, Feb. 19, 1979.
DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Feb. 1, 1985; minimum, 2.2 mg/L, May 1, 2, 1985.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 3710 microsiemens, Jan. 1; minimum, 30 microsiemens, Sept. 2-4.
pH: Maximum, 8.1 units, several days in July; minimum, 6.0 units, Jan. 24, Aug. 6, Sept. 10, 30.
WATER TEMPERATURE: Maximum, 31.5°C, July 11-16, Aug. 10; minimum, 7.5°C, Jan. 24, 25, 28, 29.
DISSOLVED OXYGEN: Maximum, 11.5 mg/L, Jan. 14; minimum, 3.1 mg/L, Sept. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1020	151	451	398	160	258	1400	284	1050	3710	184	757
2	524	138	305	440	187	282	1040	213	497	432	172	263
3	355	184	260	646	210	346	577	186	297	335	172	240
4	445	194	290	838	243	435	414	179	267	307	169	234
5	528	212	353	818	266	466	407	169	261	301	162	216
6	836	217	464	559	262	362	351	159	244	234	161	192
7	1100	231	612	542	249	367	293	145	221	203	159	179
8	1020	227	579	433	225	289	248	135	189	201	158	178
9	647	182	365	286	210	246	207	127	169	216	161	180
10	350	167	243	259	205	227	185	124	152	202	159	172
11	286	166	220	381	198	272	179	121	147	170	157	162
12	494	168	286	419	196	305	169	126	143	168	156	161
13	641	182	380	516	198	363	152	131	142	272	155	183
14	482	168	295	449	202	266	165	136	147	308	159	217
15	333	160	246	306	197	261	180	142	156	317	159	227
16	296	148	213	326	200	254	203	148	169	354	163	235
17	241	130	174	394	207	284	198	161	180	275	158	205
18	226	130	164	465	217	305	---	---	---	282	161	210
19	353	138	208	451	212	288	---	---	---	183	153	164
20	347	128	211	456	203	297	---	---	---	161	148	155
21	265	124	182	231	179	200	---	---	---	157	152	155
22	243	122	174	197	173	181	---	---	---	163	142	154
23	176	106	133	201	170	181	233	166	186	150	129	137
24	123	100	108	238	172	190	252	166	207	136	123	129
25	160	98	110	184	173	178	203	164	178	152	119	132
26	1730	102	549	221	148	181	177	159	166	173	120	139
27	1180	125	472	210	141	158	235	157	177	175	125	142
28	582	104	262	---	---	---	246	154	185	183	130	148
29	345	103	204	---	---	---	237	149	175	163	134	145
30	273	113	190	---	---	---	248	145	184	163	133	144
31	382	137	226	---	---	---	389	161	228	159	136	144
MONTH	1730	98	288	838	141	276	1400	121	235	3710	119	197

02172050 COOPER RIVER NEAR GOOSE CREEK, 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	205	139	160	506	106	217	98	84	87	131	108	117
2	271	146	189	185	95	118	92	84	87	131	105	117
3	222	145	175	115	90	99	94	85	89	153	107	126
4	185	145	162	100	90	94	90	84	87	208	99	139
5	174	144	156	97	92	94	91	85	88	158	92	119
6	153	144	148	97	94	95	135	86	94	415	90	159
7	244	145	162	109	94	98	118	86	97	370	88	204
8	234	81	174	123	95	105	103	83	91	243	114	162
9	---	---	---	156	95	116	108	83	91	170	112	139
10	---	---	---	131	97	112	122	81	97	223	111	142
11	173	115	143	142	100	111	136	83	103	307	118	197
12	199	115	146	123	97	106	210	87	127	245	107	164
13	210	111	147	326	97	152	269	97	170	196	108	141
14	234	113	162	481	103	242	336	98	187	163	108	130
15	472	125	234	438	105	225	528	106	297	182	113	140
16	1190	159	474	---	---	---	---	---	---	205	116	147
17	214	117	154	326	117	218	---	---	---	234	118	164
18	157	115	131	367	105	208	---	---	---	237	116	156
19	144	113	130	301	101	177	---	---	---	154	118	131
20	153	114	133	212	97	138	162	104	118	143	120	130
21	155	106	128	156	95	115	180	112	133	---	---	---
22	137	103	116	162	95	121	134	108	120	212	106	153
23	112	102	106	278	100	157	144	108	122	202	106	146
24	148	102	116	288	97	168	166	112	132	140	105	122
25	245	103	156	275	98	166	180	114	141	143	110	121
26	444	106	236	224	98	137	520	116	199	210	106	132
27	537	118	285	131	90	105	1010	162	429	451	117	194
28	579	123	294	122	92	103	946	130	430	473	122	264
29	---	---	---	256	92	125	652	122	277	458	113	221
30	---	---	---	306	103	178	312	105	145	247	110	153
31	---	---	---	264	90	122	---	---	---	191	103	141
MONTH	1190	81	178	506	90	141	1010	81	155	473	88	152
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	200	86	134	122	92	103	158	116	135	190	40	90
2	153	53	96	108	90	98	182	114	146	102	30	63
3	142	42	93	100	90	93	278	122	180	64	30	44
4	119	71	92	94	90	92	224	116	154	59	30	39
5	140	98	114	100	90	94	158	112	127	52	35	45
6	140	112	126	100	92	95	212	114	145	50	42	46
7	218	108	158	134	86	102	498	126	201	52	45	48
8	228	114	166	168	96	119	612	126	230	54	40	52
9	190	122	147	152	92	119	796	150	351	72	43	56
10	168	116	138	216	100	126	754	158	426	73	55	65
11	368	106	161	478	104	166	720	200	487	88	60	73
12	356	118	194	546	126	277	1020	238	560	100	74	87
13	262	60	115	796	168	447	1010	190	560	97	83	90
14	148	60	94	978	172	512	712	138	376	108	91	97
15	214	122	153	720	140	401	292	130	187	108	94	103
16	194	124	159	490	140	316	234	136	178	115	97	106
17	182	126	151	412	114	259	228	136	180	127	99	112
18	210	130	153	234	114	157	180	122	148	120	94	108
19	192	126	149	182	112	145	172	124	138	127	88	108
20	178	122	142	162	108	133	202	126	159	339	99	171
21	166	134	144	166	106	133	194	118	152	914	127	393
22	170	136	145	218	108	157	206	122	157	956	162	504
23	160	134	147	314	114	194	206	126	159	582	129	292
24	---	---	---	424	114	231	388	106	190	---	---	---
25	138	92	111	336	102	144	702	158	361	226	108	160
26	144	92	110	152	104	123	702	150	350	156	102	127
27	114	92	97	134	104	119	446	70	187	165	103	132
28	114	86	99	140	106	121	166	42	91	170	112	136
29	152	94	115	166	108	131	90	40	62	134	110	121
30	150	94	115	212	104	148	118	52	78	127	108	119
31	---	---	---	196	108	146	188	56	109	---	---	---
MONTH	368	42	132	978	86	177	1020	40	225	956	30	124
YEAR	3710	30	190									

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	26.0	26.5	28.5	28.0	28.5	30.5	29.5	30.0	28.5	27.5	28.0
2	27.0	26.0	26.5	28.5	28.0	28.0	30.5	30.0	30.0	28.0	27.0	27.5
3	27.5	26.5	27.0	28.0	27.5	27.5	30.5	30.0	30.5	27.5	27.0	27.0
4	27.5	26.5	27.0	28.0	27.5	28.0	31.0	30.0	30.5	27.0	25.5	26.5
5	26.0	24.5	25.0	29.0	27.5	28.0	30.5	30.0	30.5	25.5	22.5	23.5
6	25.5	24.5	25.0	29.0	28.5	29.0	31.0	30.0	30.5	23.5	22.5	23.0
7	26.0	25.0	25.5	29.5	28.5	29.0	30.5	30.0	30.5	24.0	24.0	24.0
8	26.5	25.5	26.0	30.0	29.5	29.5	31.0	30.0	30.5	24.5	24.0	24.5
9	27.0	26.0	26.5	30.5	30.0	30.0	31.0	30.5	30.5	26.0	25.0	25.5
10	27.0	26.0	26.5	31.0	30.0	30.5	31.5	30.5	31.0	27.0	25.0	26.0
11	27.0	26.5	27.0	31.5	30.5	31.0	31.0	30.5	31.0	27.0	26.5	27.0
12	27.0	26.5	27.0	31.5	30.0	31.0	31.0	30.5	31.0	27.0	26.5	27.0
13	27.0	26.5	27.0	31.5	30.5	31.0	31.0	29.5	30.0	27.0	26.5	26.5
14	27.0	26.5	26.5	31.5	30.5	31.0	30.0	28.5	29.5	27.0	26.5	27.0
15	27.0	26.0	26.5	31.5	30.5	31.0	29.5	28.5	29.0	27.5	27.0	27.0
16	27.5	27.0	27.5	31.5	30.0	31.0	29.5	28.5	29.0	27.5	27.0	27.0
17	28.0	27.0	27.5	31.0	29.5	30.5	29.5	29.0	29.0	27.5	27.0	27.5
18	28.5	28.0	28.0	30.0	28.5	29.5	30.0	29.0	29.5	27.5	27.0	27.5
19	28.5	28.0	28.5	29.5	28.5	29.0	30.0	29.5	30.0	27.5	27.0	27.5
20	28.0	27.5	28.0	29.5	28.5	29.0	30.0	29.5	29.5	27.5	27.0	27.5
21	28.5	27.5	28.0	29.5	29.0	29.5	30.0	29.0	29.5	28.0	27.5	27.5
22	28.5	28.0	28.5	30.0	29.5	29.5	29.5	29.0	29.5	27.5	27.0	27.5
23	28.5	28.0	28.5	30.5	29.5	30.0	30.0	29.0	29.5	27.0	26.5	27.0
24	---	28.0	28.0	30.5	30.0	30.5	29.5	29.5	29.5	---	---	---
25	28.5	28.0	28.5	30.5	29.5	30.0	30.0	29.0	29.5	26.5	26.0	26.5
26	28.5	28.0	28.5	30.0	29.5	30.0	30.0	29.0	29.5	27.0	26.0	26.5
27	28.5	27.5	28.0	30.5	30.0	30.0	30.5	29.0	30.0	26.5	26.0	26.5
28	29.0	28.0	28.5	30.5	30.0	30.5	30.5	29.5	30.0	26.5	25.5	26.0
29	29.0	28.0	28.5	30.5	30.0	30.5	30.5	29.5	30.0	26.0	25.5	26.0
30	29.0	28.5	28.5	30.5	29.5	30.0	30.0	29.0	29.5	26.0	25.5	26.0
31	---	---	---	30.5	29.5	30.0	29.5	28.0	29.0	---	---	---
MONTH	29.0	24.5	27.5	31.5	27.5	30.0	31.5	28.0	30.0	28.5	22.5	26.5
YEAR	31.5	7.5	20.5									

02172050 COOPER RIVER NEAR GOOSE CREEK, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.1	4.3	5.6	7.7	7.0	7.4	---	---	---	10.0	9.2	9.7
2	6.3	5.1	5.7	7.5	7.1	7.3	8.5	8.0	8.3	10.3	9.7	10.0
3	5.9	5.2	5.6	7.3	7.0	7.2	8.9	7.9	8.3	10.5	9.9	10.2
4	5.4	4.6	5.0	7.6	6.9	7.1	8.9	8.2	8.5	10.4	9.9	10.1
5	5.8	4.4	4.9	8.1	6.9	7.4	8.9	8.3	8.6	10.5	9.8	10.2
6	5.8	4.9	5.2	7.8	7.3	7.5	9.0	8.5	8.7	10.7	10.0	10.3
7	5.0	4.4	4.7	7.6	7.1	7.3	9.0	8.6	8.7	10.7	10.1	10.4
8	4.7	4.0	4.4	7.5	6.7	7.2	9.0	8.4	8.7	11.3	10.2	10.7
9	5.2	4.0	4.6	7.1	6.6	6.9	8.7	8.1	8.5	11.0	10.3	10.7
10	5.0	4.5	4.9	7.1	6.7	6.8	8.5	7.8	8.2	11.0	10.0	10.5
11	5.2	4.7	5.0	6.8	6.5	6.7	8.6	7.8	8.2	10.5	10.1	10.3
12	5.4	5.0	5.2	6.7	6.2	6.5	8.4	7.8	8.2	10.8	10.3	10.5
13	5.4	4.8	5.1	7.7	6.4	7.1	8.4	7.9	8.1	10.9	10.4	10.6
14	5.3	4.7	5.0	8.8	7.4	8.0	8.8	8.1	8.4	11.5	10.4	10.9
15	5.9	4.7	5.4	---	---	---	8.8	8.3	8.5	11.1	10.6	10.8
16	6.9	5.7	6.1	8.5	8.0	8.2	8.8	8.3	8.5	10.7	10.2	10.5
17	8.0	6.2	7.0	8.5	8.0	8.2	---	---	3.5	10.4	9.7	10.2
18	8.1	7.1	7.4	8.2	7.7	7.9	---	---	---	10.2	9.7	10.0
19	8.4	7.1	7.6	8.1	7.3	7.7	---	---	---	9.9	9.5	9.8
20	8.5	7.4	7.9	8.1	7.6	7.8	---	---	---	10.2	9.3	9.7
21	8.4	7.6	8.0	8.1	7.4	7.7	---	---	---	10.1	9.6	9.9
22	8.4	7.7	8.0	8.2	7.6	7.9	---	---	---	9.9	9.5	9.7
23	8.3	7.5	8.0	8.2	7.7	8.0	9.7	9.0	9.3	9.9	9.5	9.6
24	7.9	7.0	7.5	8.2	7.4	8.0	9.5	9.0	9.1	9.9	9.6	9.7
25	7.5	6.9	7.2	7.9	7.4	7.7	9.2	8.7	8.9	9.9	9.5	9.7
26	7.3	6.6	7.0	7.5	7.2	7.3	8.9	8.6	8.7	9.8	9.5	9.7
27	7.2	6.5	6.9	---	---	---	8.9	8.6	8.8	10.1	9.7	9.9
28	7.0	6.6	6.8	---	---	---	9.3	8.6	8.9	10.4	9.8	10.1
29	7.6	6.5	7.1	---	---	---	9.7	8.8	9.2	10.7	10.1	10.4
30	7.5	7.0	7.2	---	---	---	10.8	9.0	9.9	10.6	10.3	10.4
31	7.5	7.0	7.2	---	---	---	10.4	9.8	10.1	10.4	10.1	10.3
MONTH	8.5	4.0	6.2	8.8	6.2	7.5	10.8	7.8	8.5	11.5	9.2	10.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.3	10.0	10.1	9.2	8.9	9.0	8.7	7.6	8.3	9.3	7.7	8.8
2	10.0	9.7	9.8	9.1	8.5	8.8	8.6	8.0	8.3	8.8	7.6	8.5
3	9.8	9.3	9.5	8.8	8.1	8.4	8.3	8.0	8.2	8.4	7.7	8.1
4	9.6	9.2	9.4	8.9	8.1	8.4	8.5	8.1	8.3	8.2	7.5	7.9
5	9.6	9.0	9.3	9.2	8.1	8.5	8.5	8.2	8.3	8.5	7.4	7.8
6	9.5	9.0	9.2	9.1	8.4	8.7	8.6	8.1	8.3	9.0	7.6	8.0
7	9.3	8.7	8.9	9.0	8.4	8.7	8.6	8.1	8.3	9.3	7.7	8.3
8	8.8	8.4	8.6	8.7	8.2	8.5	9.6	7.9	8.8	9.3	7.8	8.4
9	---	---	---	8.5	8.2	8.3	9.6	9.0	9.3	8.8	8.0	8.5
10	---	---	---	8.3	8.0	8.1	9.3	8.7	9.0	9.0	8.0	8.6
11	11.0	10.5	10.7	9.1	8.1	8.6	9.0	8.5	8.8	8.6	7.7	8.2
12	10.7	10.3	10.5	9.3	8.8	9.0	8.6	8.1	8.4	8.5	7.5	7.9
13	10.6	10.0	10.3	9.3	8.7	8.9	8.5	7.7	8.1	8.2	7.1	7.8
14	10.4	10.0	10.1	9.2	8.7	8.9	8.4	7.5	7.9	8.3	6.8	7.6
15	10.2	9.7	10.0	9.3	8.7	9.0	7.7	7.4	7.6	8.9	6.6	7.7
16	9.8	9.3	9.6	---	---	---	---	---	---	8.7	7.0	7.7
17	10.2	9.5	9.8	10.0	9.3	9.7	---	---	---	8.7	6.9	7.7
18	11.0	9.7	10.3	9.8	9.1	9.6	---	---	---	8.6	6.9	7.7
19	10.7	10.2	10.4	9.6	8.8	9.3	---	---	---	8.3	7.0	7.5
20	10.4	10.1	10.2	9.7	9.0	9.3	---	---	---	7.3	6.6	6.9
21	10.3	9.9	10.1	9.7	9.1	9.4	---	---	---	---	---	---
22	10.2	9.7	9.9	9.5	8.9	9.2	---	---	---	5.8	4.3	5.6
23	9.8	9.6	9.7	9.5	8.8	9.1	---	---	---	5.9	4.8	5.5
24	10.3	9.5	9.8	9.5	8.7	9.1	---	---	---	6.7	5.0	6.0
25	9.8	9.4	9.7	9.1	8.4	8.8	---	---	---	6.4	4.6	5.9
26	9.6	9.3	9.5	8.4	7.9	8.2	---	---	---	6.5	5.1	5.8
27	9.4	9.1	9.2	8.1	7.6	7.9	---	---	---	6.1	5.1	5.5
28	9.2	9.0	9.1	8.1	7.5	7.8	---	---	---	6.2	4.7	5.4
29	---	---	---	7.9	7.4	7.6	---	---	---	6.2	4.9	5.4
30	---	---	---	7.5	7.2	7.4	9.8	8.5	8.9	6.2	4.9	5.5
31	---	---	---	8.2	6.8	7.3	---	---	---	6.2	4.9	5.5
MONTH	11.0	8.4	9.8	10.0	6.8	8.7	9.8	7.4	8.4	9.3	4.3	7.2

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.1	5.1	5.5	6.6	5.9	6.3	6.7	5.6	6.3	5.3	3.8	4.7
2	5.7	4.9	5.4	6.3	5.9	6.1	6.7	5.6	6.3	4.4	3.1	3.9
3	5.6	4.6	5.2	6.2	5.4	5.8	6.8	5.7	6.3	4.7	3.4	3.9
4	5.3	4.2	4.9	6.3	5.7	6.0	6.6	5.7	6.2	5.5	4.7	5.1
5	5.3	4.5	4.8	6.4	5.8	6.1	6.4	5.6	6.0	---	---	---
6	5.8	5.0	5.3	6.2	5.8	6.1	6.4	5.6	6.0	5.9	5.8	5.8
7	6.1	5.3	5.7	6.3	5.9	6.0	6.3	5.5	5.9	5.2	4.7	5.0
8	6.5	5.6	6.0	6.7	5.9	6.2	6.4	5.2	5.7	4.4	4.1	4.3
9	6.1	5.3	5.8	6.8	5.9	6.2	6.3	5.3	5.6	---	---	---
10	6.0	5.2	5.7	6.8	5.6	6.1	6.8	5.2	5.7	4.4	3.6	4.0
11	6.3	5.1	5.7	6.8	5.6	5.9	6.7	5.4	5.9	4.5	3.8	4.0
12	6.7	5.2	5.8	6.6	5.3	5.7	6.9	5.4	5.9	4.9	3.9	4.5
13	6.5	5.3	5.9	6.8	5.2	5.7	6.7	5.4	6.0	4.6	4.1	4.5
14	6.2	5.4	5.8	7.0	5.1	5.9	7.1	5.8	6.3	6.1	4.2	4.7
15	6.4	5.3	5.9	6.8	5.5	6.1	7.0	6.0	6.6	6.0	4.8	5.6
16	6.7	5.3	6.0	6.6	5.5	6.1	6.7	6.0	6.4	5.4	4.7	5.2
17	6.8	5.6	6.1	6.7	5.8	6.2	6.5	5.7	6.2	5.1	4.6	4.9
18	6.6	5.6	6.1	6.6	5.6	6.3	6.3	5.7	6.0	5.4	4.7	5.0
19	6.5	5.6	6.1	6.7	5.9	6.3	6.3	5.6	5.9	5.6	5.1	5.2
20	6.0	5.4	5.8	6.6	5.8	6.2	5.9	5.3	5.7	5.9	5.0	5.3
21	6.0	5.2	5.7	6.5	5.9	6.2	5.8	4.8	5.4	6.1	5.1	5.4
22	5.9	5.3	5.6	6.6	5.8	6.2	6.1	4.8	5.5	6.7	5.3	5.8
23	5.9	5.2	5.5	6.6	5.8	6.1	6.4	5.3	5.8	7.9	5.9	6.7
24	---	---	---	6.8	5.7	6.1	6.2	5.3	5.8	---	---	---
25	6.2	5.3	5.7	6.2	5.7	6.0	6.6	5.0	5.7	7.9	7.2	7.4
26	6.3	5.3	5.7	6.8	5.4	6.0	5.8	4.8	5.4	8.1	6.8	7.5
27	6.6	5.5	6.0	6.8	5.8	6.3	6.2	4.7	5.5	7.9	7.0	7.6
28	7.0	5.6	6.2	6.9	5.8	6.4	6.0	5.0	5.6	7.8	6.6	7.4
29	7.1	5.9	6.4	6.7	5.8	6.3	5.9	4.9	5.5	7.6	6.4	7.1
30	6.7	6.0	6.4	6.8	5.6	6.3	5.7	5.1	5.4	7.3	6.7	7.0
31	---	---	---	6.6	5.9	6.3	5.6	4.7	5.2	---	---	---
MONTH	7.1	4.2	5.8	7.0	5.1	6.1	7.1	4.7	5.9	8.1	3.1	5.5
YEAR	11.5	3.1	7.4									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'' , long 79°55'23'' , Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River 9.9 mi from junction of East and West Branch Cooper River and at mile 19.4.

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1983 to current year.
pH: June 1983 to current year.
WATER TEMPERATURE: June 1983 to current year.
DISSOLVED OXYGEN: June 1983 to current year.

INSTRUMENTATION.--USGS water-quality monitor since June 1983. 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, 8.2 units, Jan. 24, 1986, Nov. 20, 1987; minimum, 5.7 units, Sept. 8, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, July 21, 1986; minimum, 5.5°C, several days in Jan. 1984 and Jan. 1985.
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, 35,200 microsiemens, June 8; minimum, 150 microsiemens, Feb. 8.
pH: Maximum, 8.2 units, Nov. 20; minimum, 5.7 units, Sept. 8.
WATER TEMPERATURE: Maximum, 31.5°C, July 12, 14-16; minimum, 8.0°C, Jan. 27-29.
DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 26; minimum 2.5 mg/L, Aug. 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	13500	1520	6560	13800	640	4820	---	---	---	16000	742	6530
2	9960	810	3840	12900	560	4140	13400	1400	8870	6840	663	2250
3	8880	540	3190	13200	560	4810	6830	680	2220	6270	468	1880
4	11200	560	4390	14200	800	5420	8700	520	2430	7040	450	2140
5	12300	750	4990	13000	870	4450	10100	540	2910	6860	348	2270
6	13900	800	6300	10500	850	3370	9680	520	2840	7290	287	2210
7	15600	1450	6790	12600	590	3810	8730	510	2770	5970	247	1600
8	14700	1330	5830	8460	460	2240	7470	450	2510	6520	245	2530
9	10800	750	3260	5360	370	1650	6690	392	2580	11100	370	2800
10	10400	510	2600	---	---	---	6490	360	2070	9230	352	2320
11	12300	480	3660	---	---	---	9240	350	2850	3060	300	836
12	17800	670	7070	---	---	---	7520	360	1700	7260	310	2170
13	16700	1010	6950	---	---	---	5340	320	1380	11500	310	4790
14	10500	720	3910	12900	670	3790	---	---	---	12700	530	4430
15	10200	570	3210	10800	510	3130	---	---	---	11500	470	3930
16	8370	530	2810	10200	460	3230	---	---	---	12200	510	3640
17	7690	450	2080	13100	400	3810	8940	340	3020	9490	470	2980
18	8040	390	2450	12000	420	3360	11300	400	2970	11100	460	3310
19	12000	500	4420	9440	420	3300	7520	360	1820	3880	290	860
20	12000	580	3830	17200	675	5500	11900	350	3500	1620	290	489
21	10900	510	3150	5170	390	1480	13000	480	4400	2390	290	677
22	11700	500	3780	8320	350	2350	9020	520	3070	7430	312	2370
23	8470	430	2390	11600	350	3630	9540	410	3060	720	280	353
24	6540	350	1930	8470	370	2720	10800	402	4380	3270	250	924
25	14100	400	5120	4400	300	1230	4010	320	1410	6670	260	2480
26	20000	5180	11800	9120	320	2740	5720	300	1670	9380	320	2360
27	17000	2360	8680	---	---	---	10800	300	3790	8310	300	2270
28	14200	1190	5780	---	---	---	13400	400	3320	6530	320	1770
29	12400	760	4700	---	---	---	10400	390	2650	4590	300	1180
30	12900	540	4790	---	---	---	9560	370	2580	1920	290	753
31	15900	500	5910	---	---	---	8870	403	3000	1340	300	625
MONTH	20000	350	4720	17200	300	3410	13400	300	2950	16000	245	2250

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, 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	3880	340	1180	6000	430	1910	480	240	293	4650	700	1120
2	3830	430	1600	1610	290	596	630	240	363	5590	700	1820
3	2160	340	994	750	260	384	940	240	474	8880	780	3340
4	2050	310	907	500	250	334	630	240	326	12100	800	4350
5	4740	290	1210	700	230	381	2410	260	853	10200	800	3450
6	3320	280	1020	2410	240	607	7200	310	3030	14600	1220	6620
7	9980	290	3720	5510	310	2270	7200	310	2950	---	---	---
8	12600	150	4080	10900	420	4110	6280	300	2230	10100	980	4410
9	---	---	---	6940	350	2140	8980	340	3890	10900	800	4820
10	5150	300	1940	8220	1240	3310	10900	320	4050	15100	780	5450
11	9210	300	3660	8550	1730	5940	10100	310	3970	15300	1000	6360
12	10300	400	3170	---	---	---	11400	360	4440	10600	840	3490
13	8540	350	2890	---	---	---	10700	540	4410	7020	2040	3610
14	8370	400	2940	---	---	---	11900	520	4170	9780	720	2850
15	11100	570	4450	---	---	---	9010	530	3550	7380	1600	3950
16	14700	1440	6520	---	---	---	3510	390	1410	9080	1000	4070
17	2170	370	969	9170	620	4550	---	---	---	9860	1000	3810
18	1420	300	711	9410	510	2990	---	---	---	8440	2940	4710
19	4200	300	1250	7820	560	1740	---	---	---	11700	780	4370
20	6080	320	2070	3970	340	1340	3920	780	2210	---	---	---
21	7220	310	2020	6200	290	1410	8580	720	2390	---	---	---
22	7750	290	2030	7690	350	2430	5680	680	2000	15600	11900	13100
23	1070	260	387	10500	420	3480	6900	680	2750	18800	10600	12600
24	7800	260	2560	9740	420	3230	7740	720	2990	---	---	---
25	10200	340	3470	9350	430	2960	7220	740	2620	15700	11500	14600
26	10400	450	4210	6000	395	1640	12100	820	4360	---	---	---
27	10400	690	3870	2110	290	780	14400	1880	7010	---	---	---
28	8650	690	3370	1440	260	675	11800	1380	5370	---	---	---
29	---	---	---	3490	310	1180	8560	1020	3020	---	---	---
30	---	---	---	3330	470	1680	5100	720	1240	---	---	---
31	---	---	---	3040	260	652	---	---	---	---	---	---
MONTH	14700	150	2490	10900	230	2030	14400	240	2830	18800	700	5380

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	7900	580	2750	8780	620	2500
2	---	---	---	5040	360	1740	12100	580	4190	9260	620	2630
3	8920	2040	4190	1460	380	555	13700	200	5070	7100	592	2480
4	15900	2500	5480	2800	400	841	9540	350	2590	7120	500	1530
5	12000	300	4180	6520	400	1700	10700	425	2350	480	360	575
6	21300	420	6050	8740	400	2020	11100	205	3060	480	400	458
7	24200	720	10200	12600	420	3450	14800	205	4470	460	380	413
8	35200	960	10500	12900	600	2960	14900	764	4470	---	---	---
9	26300	480	8410	10100	580	2580	14100	1110	5680	500	180	358
10	15700	10200	12200	11200	580	2810	11100	1140	5110	640	240	420
11	31900	10600	21500	11700	700	3640	12300	1140	4950	520	480	494
12	25300	960	6460	13400	1040	4710	13500	1390	6430	560	480	504
13	9440	1000	5270	13800	1520	5920	12900	1400	5680	680	480	525
14	---	---	---	13600	1440	5500	10500	375	3860	1700	480	634
15	3060	1060	1680	9760	1140	4150	8440	320	1900	5260	500	1380
16	15200	7760	10600	9680	360	3660	11200	345	3000	7900	500	2440
17	10700	4600	9130	10800	825	3750	14200	325	4330	10600	560	3590
18	16200	5340	10500	7860	640	2270	11100	325	2540	9400	360	2960
19	13800	4460	9460	9840	600	2830	12200	300	2890	13100	500	3900
20	18300	4100	10200	10200	620	2990	5040	835	3820	17500	840	7060
21	15300	3840	7920	13300	600	3930	15600	520	4010	17600	1880	9270
22	13300	4560	9380	15100	678	5260	13900	510	3220	16200	1900	7800
23	13600	5440	7730	17400	796	6240	10300	540	2940	10900	1180	4400
24	19700	6980	12500	15900	893	6000	12400	840	4790	13100	500	4430
25	---	---	---	8490	611	2530	15300	920	7760	7320	640	2230
26	---	---	---	8140	490	2150	14100	380	4760	7740	520	1920
27	---	---	---	6700	447	2080	7440	210	2000	12200	560	3170
28	---	---	---	8960	466	2600	4620	340	1400	11400	520	3190
29	---	---	---	10400	475	3970	5820	635	1470	7580	480	1540
30	---	---	---	10900	521	4150	11000	465	2880	8100	480	1930
31	---	---	---	7240	431	2640	13200	210	3960	---	---	---
MONTH	35200	300	8740	17400	360	3320	15600	200	3820	17600	180	2580
YEAR	35200	150	3580									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

pH (UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

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

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

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	25.5	26.0	29.0	28.5	28.5	31.0	30.0	30.5	29.5	28.5	29.0
2	26.5	26.0	26.0	29.0	28.5	29.0	31.0	30.0	30.5	29.0	28.0	28.5
3	27.0	26.0	26.5	29.0	28.0	28.5	31.0	30.0	30.5	28.0	27.0	27.5
4	26.5	26.0	26.5	28.5	27.5	28.0	31.0	30.5	31.0	27.0	26.0	27.0
5	26.5	25.5	26.0	29.0	28.0	28.5	31.0	30.5	31.0	26.0	23.0	24.5
6	26.5	25.5	26.0	29.0	28.5	28.5	31.0	30.5	31.0	23.5	22.5	23.0
7	26.5	25.5	26.0	29.0	28.5	29.0	31.0	30.5	31.0	24.0	23.5	23.5
8	26.5	25.5	26.0	---	---	---	31.0	30.5	30.5	24.5	24.0	24.5
9	26.5	26.0	26.0	30.5	29.5	30.0	31.0	30.5	30.5	25.5	24.5	25.0
10	26.5	26.0	26.5	30.5	30.0	30.5	31.0	30.5	31.0	26.5	25.5	26.0
11	27.0	26.5	26.5	31.0	30.0	30.5	31.0	30.5	31.0	27.0	26.5	27.0
12	27.0	26.5	26.5	31.5	30.5	31.0	31.0	30.0	30.5	27.5	27.0	27.0
13	27.0	26.0	26.5	31.0	30.0	30.5	30.5	30.0	30.5	27.5	27.0	27.5
14	26.5	26.0	26.5	31.5	30.5	31.0	30.5	29.5	30.0	27.5	27.0	27.5
15	26.5	26.0	26.5	31.5	31.0	31.0	30.0	29.0	29.5	27.5	27.0	27.5
16	27.0	26.5	26.5	31.5	30.5	31.0	30.0	29.0	29.5	28.0	27.5	27.5
17	27.5	27.0	27.0	31.0	30.5	31.0	30.0	29.0	29.5	28.0	27.5	28.0
18	27.5	27.5	27.5	30.5	30.0	30.5	30.0	29.5	29.5	28.5	27.5	28.0
19	28.0	27.5	27.5	30.0	29.5	30.0	30.5	29.5	30.0	28.0	28.0	28.0
20	27.5	27.5	27.5	30.0	29.0	29.5	30.0	29.5	30.0	28.5	28.0	28.0
21	28.0	27.5	27.5	30.0	29.5	29.5	30.0	29.5	30.0	28.5	28.0	28.0
22	28.0	27.5	27.5	30.0	29.5	30.0	30.0	29.5	30.0	28.0	27.5	28.0
23	28.0	27.5	28.0	30.5	29.5	30.0	30.0	29.5	29.5	28.0	27.0	27.5
24	28.0	27.5	28.0	30.5	30.0	30.0	30.0	29.5	30.0	27.5	27.0	27.0
25	28.5	28.0	28.0	30.5	30.0	30.5	30.0	29.5	29.5	27.5	26.5	27.0
26	---	---	---	30.5	30.0	30.0	30.5	29.5	30.0	27.0	26.5	27.0
27	---	---	---	31.0	30.0	30.5	30.5	30.0	30.0	27.0	26.5	27.0
28	---	---	---	30.5	30.0	30.5	31.0	30.0	30.5	27.0	26.5	26.5
29	29.0	28.0	28.5	30.5	30.0	30.5	30.5	30.0	30.5	27.0	26.0	26.5
30	28.5	28.5	28.5	30.5	30.0	30.5	30.5	29.5	30.0	26.5	26.0	26.5
31	---	---	---	30.5	30.5	30.5	30.0	29.0	30.0	---	---	---
MONTH	29.0	25.5	27.0	31.5	27.5	30.0	31.0	29.0	30.0	29.5	22.5	27.0
YEAR	31.5	8.0	20.5									

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, 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
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.0	4.7	5.4	8.2	7.4	7.7	---	---	---	9.8	8.8	9.3
2	6.3	4.7	5.6	8.1	7.2	7.7	---	---	---	10.5	9.8	10.1
3	6.5	5.1	5.9	8.0	7.1	7.6	---	---	---	10.4	9.9	10.1
4	6.3	4.8	5.7	7.9	7.0	7.5	---	---	---	10.7	10.1	10.3
5	6.4	4.9	5.7	7.9	7.0	7.5	---	---	---	10.8	10.2	10.4
6	6.4	5.1	5.7	7.2	6.4	6.9	---	---	---	10.9	10.4	10.6
7	6.3	4.9	5.6	7.2	6.3	6.8	---	---	---	10.9	10.5	10.1
8	6.2	5.0	5.7	7.2	6.4	6.8	---	---	---	11.0	9.5	10.3
9	6.2	5.1	5.8	7.0	4.5	5.2	---	---	---	10.6	9.2	10.0
10	6.2	5.2	5.9	---	---	---	---	---	---	10.6	9.3	9.9
11	6.4	5.7	6.1	---	---	---	11.2	8.3	8.8	10.7	9.5	10.0
12	6.5	5.4	6.0	---	---	---	11.2	8.3	8.9	10.6	9.4	9.9
13	6.4	5.4	5.9	7.5	7.1	7.2	10.9	8.2	8.7	10.5	9.3	9.8
14	6.4	5.3	6.0	7.8	7.1	7.6	---	---	---	9.9	9.2	9.5
15	6.6	5.6	6.1	8.1	7.3	7.7	---	---	---	10.7	9.3	10.0
16	6.7	5.7	6.3	8.2	7.2	7.8	8.8	8.1	8.5	11.3	9.2	10.3
17	7.7	6.0	6.9	8.8	7.1	7.7	8.8	8.1	8.5	11.5	9.3	10.4
18	8.2	6.7	7.5	8.2	7.0	7.6	8.8	8.1	8.5	11.7	9.2	10.6
19	8.2	7.1	7.7	8.1	7.3	7.7	8.8	8.3	8.7	11.8	9.3	10.2
20	8.8	7.1	8.1	8.5	7.5	8.2	8.8	8.2	8.6	11.9	9.3	10.6
21	9.0	7.6	8.5	8.8	8.5	8.7	8.7	8.2	8.5	11.9	9.1	10.1
22	9.0	8.0	8.6	8.9	8.5	8.7	8.9	8.4	8.7	11.8	9.0	10.0
23	9.4	8.5	9.0	9.1	8.5	8.8	9.2	8.6	8.9	12.1	9.2	10.7
24	9.4	8.9	9.2	9.2	8.6	8.9	9.1	8.5	8.8	12.1	9.2	10.6
25	9.1	8.0	8.6	9.2	8.9	9.0	9.1	8.8	9.0	12.0	9.0	10.1
26	8.5	7.4	7.9	9.1	8.6	8.8	9.1	8.8	9.0	12.2	8.9	10.0
27	8.4	7.5	7.9	---	---	---	9.0	8.7	8.8	11.8	9.0	10.1
28	8.3	7.6	8.0	---	---	---	9.0	8.5	8.9	11.6	9.0	10.1
29	8.1	7.5	7.9	---	---	---	9.3	8.6	9.0	11.7	8.6	10.2
30	8.0	7.3	7.7	---	---	---	9.6	8.6	9.2	11.5	9.2	10.1
31	7.9	7.1	7.6	---	---	---	9.6	8.8	9.4	11.2	6.5	10.0
MONTH	9.4	4.7	6.9	9.2	4.5	7.7	11.2	8.1	8.8	12.2	6.5	10.1

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

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	5.5	6.2	6.4	5.5	6.0	6.2	3.0	4.9	6.4	5.3	5.9
2	7.1	5.7	6.4	6.4	4.6	5.9	5.9	3.5	5.0	6.0	4.8	5.6
3	6.9	5.9	6.4	6.2	5.4	5.9	6.0	3.7	5.1	5.5	4.7	5.2
4	6.4	5.6	6.1	6.0	5.5	5.8	6.1	4.4	5.3	5.9	5.0	5.4
5	6.4	5.2	5.9	6.2	5.3	5.8	5.9	3.8	5.2	6.0	5.4	5.8
6	6.0	5.2	5.7	6.2	4.8	5.8	5.9	4.0	5.1	6.3	5.4	5.8
7	6.1	4.9	5.6	6.0	4.8	5.6	5.7	3.6	4.8	5.5	4.8	5.1
8	6.1	4.8	5.6	---	---	---	5.3	3.0	4.5	4.9	4.2	4.6
9	6.1	5.1	5.7	5.9	4.5	5.4	4.7	2.6	4.0	4.5	4.1	4.2
10	6.0	5.0	5.7	5.9	4.4	5.3	4.4	2.5	3.8	4.1	3.7	4.0
11	5.8	4.8	5.4	5.8	3.7	5.1	4.6	2.8	3.8	4.0	3.6	3.8
12	5.5	4.7	5.2	5.6	3.9	4.9	4.3	2.7	3.7	4.2	3.6	3.9
13	5.6	4.9	5.3	5.3	3.8	4.7	5.4	2.7	4.3	4.5	3.8	4.1
14	5.5	5.0	5.3	5.6	3.7	4.8	5.9	3.1	4.9	4.6	4.0	4.4
15	6.2	4.8	5.7	5.9	4.2	5.1	5.8	3.7	5.1	5.2	4.2	4.7
16	6.2	5.4	6.0	6.1	4.4	5.4	5.8	3.6	4.9	5.4	4.3	4.9
17	6.4	5.7	6.1	6.4	4.2	5.6	5.9	3.4	4.9	5.4	4.3	4.9
18	6.4	5.6	6.1	6.5	5.2	6.0	6.6	5.3	6.1	5.3	4.3	5.0
19	6.4	5.5	6.2	6.5	5.2	6.0	6.6	4.4	6.0	5.3	4.1	4.9
20	6.2	5.6	6.0	6.5	5.1	6.0	6.1	4.0	5.2	5.1	3.8	4.6
21	6.1	5.5	5.9	6.4	4.2	5.8	6.1	3.4	5.0	5.0	3.8	4.4
22	6.1	5.3	5.8	6.3	4.6	5.5	5.6	3.5	4.7	5.1	3.7	4.5
23	5.9	5.3	5.7	6.2	4.0	5.3	5.7	4.0	4.9	5.7	4.1	5.0
24	6.0	5.5	5.8	6.0	4.1	5.2	6.4	3.6	4.9	6.0	4.0	5.2
25	---	---	---	5.8	4.5	5.3	6.2	4.4	5.3	6.8	4.8	5.9
26	---	---	---	5.8	4.3	5.3	6.3	4.5	5.5	6.9	5.2	6.3
27	---	---	---	6.3	4.3	5.2	6.6	5.2	6.1	6.9	5.0	6.3
28	---	---	---	5.9	4.0	5.2	6.6	5.7	6.3	7.1	5.6	6.5
29	6.5	5.2	6.0	5.7	3.8	4.9	6.5	5.6	6.3	7.0	6.0	6.8
30	6.5	5.2	6.1	5.6	3.6	4.8	6.4	5.0	6.0	6.7	5.9	6.5
31	---	---	---	6.0	2.8	4.8	6.3	4.7	5.7	---	---	---
MONTH	7.1	4.7	5.8	6.5	2.8	5.4	6.6	2.5	5.1	7.1	3.6	5.1
YEAR	12.2	2.5	7.2									

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 DAILY RECORD.--October 1986 to September 1987.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Octcber 1986 to September 1987.
SPECIFIC CONDUCTANCE (Bottom): October 1986 to September 1987.

INSTRUMENTATION.--USGS mini-monitor and Sutron data collection platform since October 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Maximum recorded, 38,100 microsiemens, July 23, 24, 1987; minimum recorded, 120 microsiemens, Sept. 6-9, 1987.
SPECIFIC CONDUCTANCE (Bottom): Maximum recorded, 39,700 microsiemens, Nov. 26, 1987; minimum recorded, 180 microsiemens, Sept. 7, 8, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum recorded, 38,100 microsiemens, July 23, 24; minimum recorded, 120 microsiemens Sept. 6-9.
SPECIFIC CONDUCTANCE (Bottom): Maximum recorded, 39,700 microsiemens, Nov. 26; minimum recorded, 180 microsiemens, Sept.7, 8.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

(TOP)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	30900	20000	24600	33800	19400	25200			
2	---	---	---	31600	16600	22900	29900	17500	22600			
3	---	---	---	31400	15000	22500	25500	12300	18000			
4	---	---	---	32100	16100	22700	25800	11900	18200			
5	---	---	---	24300	15100	16000	29200	11200	17800			
6	---	---	---	---	---	---	26600	12100	17100			
7	---	---	---	24300	13700	17700	21700	12600	16900			
8	---	---	---	20400	12900	17500	19400	12500	16200			
9	---	---	---	19200	13400	16300	20000	12500	16900			
10	---	---	---	19000	12300	15900	21900	11300	16200			
11	---	---	---	25500	17300	20100	21400	9080	16200			
12	---	---	---	28400	18800	22200	16100	15400	15900			
13	---	---	---	30000	19600	23100	---	---	---			
14	---	---	---	30200	19000	23000	---	---	---			
15	---	---	---	29300	15300	20600	---	---	---			
16	---	---	---	25500	14100	18900	17500	15000	16400			
17	---	---	---	28200	14300	20200	22600	9300	16200			
18	---	---	---	30400	16100	21200	26900	11800	17800			
19	---	---	---	23800	15800	19500	22100	10500	18800			
20	---	---	---	31900	18200	21700	---	---	---			
21	---	---	---	18900	11100	14700	---	---	---			
22	---	---	---	16600	9860	13500	---	---	---			
23	---	---	---	19300	12500	16000	21700	15300	19000			
24	---	---	---	18400	12200	16300	21900	12900	18800			
25	---	---	---	18300	12500	14900	---	---	---			
26	---	---	---	19600	14300	16300	---	---	---			
27	---	---	---	22700	14100	19200	---	---	---			
28	---	---	---	31700	17700	24200	---	---	---			
29	---	---	---	31000	20200	25400	---	---	---			
30	27000	19900	23600	32400	18200	25300	---	---	---			
31	31400	20500	25600	---	---	---	---	---	---			
MONTH	31400	19900	24600	32400	9860	19700	33800	9080	18000			

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

(TOP)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5										---	---	---
6										---	18600	19600
7										23400	19700	22000
8										23600	19200	21200
9										24800	19200	21800
10										27700	18900	22300
11										30800	19900	24900
12										30100	16900	23100
13										28100	13100	20500
14										30300	11400	20400
15										27500	11100	18600
16										28400	10300	16100
17										23300	12200	16700
18										22300	9440	15300
19										19400	8020	12500
20										15000	9140	11500
21										20300	11500	15500
22										25800	14500	19100
23										24600	13600	19200
24										23700	10400	15900
25										22100	10200	15300
26										27300	11700	16500
27										29800	14600	18900
28										29800	15600	20300
29										23700	14700	19000
30										22100	11400	15800
31										20100	12900	15900
MONTH										30800	8020	18400

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19500	14700	17000	24300	14000	18000	26100	15700	19800	25100	13900	18300
2	26200	13500	17300	22400	15200	17700	29000	15900	21000	23600	11700	15900
3	27500	15500	17800	21100	9480	13500	31900	19700	23400	21900	8520	14600
4	28000	14600	18600	19000	8640	12300	28900	15600	21600	22600	7000	13800
5	28900	17600	20300	22600	10900	15200	31400	11900	20100	10600	820	5760
6	30600	16300	21600	29400	11800	17600	31200	14100	21100	520	120	251
7	34700	20700	24600	33300	13100	20300	29000	14800	21500	420	120	186
8	28000	17900	23500	32500	16000	22800	31300	13600	21800	1040	120	255
9	28000	17900	22800	31400	13700	21800	29900	14900	21800	1880	120	552
10	30200	16400	22800	30800	12700	21000	29100	17000	22800	7780	160	2060
11	30600	14600	21900	31900	14300	21700	32200	16300	23600	11200	560	3870
12	29800	14800	21500	32600	16000	22900	33900	18100	25800	11800	700	4200
13	27100	8860	17800	33000	17500	23700	31100	18800	25300	9300	1820	5160
14	25200	9180	16700	30700	17800	24000	31600	17300	23300	11900	3600	6990
15	25300	10300	16600	30300	16500	23000	31500	13400	19900	13600	4280	7370
16	24000	9780	15400	31500	15800	22900	28000	14100	19800	17300	8860	11000
17	24400	9980	15200	33600	16400	23100	28200	17400	21500	21300	11700	14500
18	22100	11500	15600	35100	15300	25900	26800	15300	19700	19300	14200	16300
19	25000	11800	17100	23600	14300	19000	28000	14200	19700	22900	12700	17500
20	22100	9560	14700	26200	14900	20400	28100	18200	21900	27000	15300	20100
21	22700	10200	15200	30700	15800	21700	31300	17800	22900	26600	18000	22700
22	25200	10800	16500	37900	22300	31300	28800	17700	23200	25300	18400	22300
23	29700	10900	18100	38100	21900	32000	28400	16000	22100	23700	16500	20600
24	29400	11200	18600	38100	23500	31900	32600	17900	23100	24500	14700	19700
25	32200	15100	20100	36000	18100	28500	31300	20400	25100	22100	12400	17100
26	26500	15500	20200	34900	18100	27700	28200	19600	24400	21400	10300	14800
27	24200	9080	16500	26300	14700	19700	27200	15700	21200	22900	10000	14700
28	29600	14000	19000	27900	16100	20100	25000	13700	18400	22900	11200	15900
29	27700	16900	20600	31300	17800	23200	23900	11100	17400	---	---	---
30	24800	16100	20200	28900	19800	23400	28600	14000	19600	---	---	---
31	---	---	---	25900	17500	20900	27400	16200	20700	---	---	---
MONTH	34700	8860	18800	38100	8640	22200	33900	11100	21700	27000	120	11700
YEAR	38100	120	18800									

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

(BOTTOM)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	34500	22800	28500	36200	20500	27900	---	---	---
2	---	---	---	34500	18700	26500	32500	19800	24800	---	---	---
3	---	---	---	34100	16600	26900	29200	14300	20800	---	---	---
4	---	---	---	34600	19000	26600	30300	10900	20900	---	---	---
5	---	---	---	26000	17400	23300	31100	13000	21900	---	---	---
6	---	---	---	---	---	---	31700	14300	23000	---	---	---
7	---	---	---	32000	18400	25900	32300	15600	24400	---	---	---
8	---	---	---	33200	16400	25600	32900	15800	24600	---	---	---
9	---	---	---	34000	15500	29300	32100	17200	25600	---	---	---
10	---	---	---	33800	16700	26300	32700	16400	25900	---	---	---
11	---	---	---	36400	20000	28700	32800	17100	26100	---	---	---
12	---	---	---	32800	21300	28100	25500	24700	25500	---	---	---
13	---	---	---	33800	21500	28600	---	---	---	---	---	---
14	---	---	---	33600	20900	27000	---	---	---	---	---	---
15	---	---	---	34400	17400	26700	---	---	---	---	---	---
16	---	---	---	35000	16800	27500	---	---	---	---	---	---
17	---	---	---	34400	18700	27300	30600	16000	24500	---	---	---
18	---	---	---	34300	18500	27600	30800	17100	24400	---	---	---
19	---	---	---	37100	20000	29300	30600	13400	27300	---	---	---
20	---	---	---	38600	22500	31700	---	---	---	---	---	---
21	---	---	---	36300	18800	29300	---	---	---	---	---	---
22	---	---	---	37800	22500	33600	---	---	---	---	---	---
23	---	---	---	39200	30300	36600	35300	22500	32400	---	---	---
24	---	---	---	39200	30000	36300	34600	21200	26900	---	---	---
25	---	---	---	39200	19600	34600	---	---	---	---	---	---
26	---	---	---	39700	23000	34500	---	---	---	---	---	---
27	---	---	---	35900	21100	29700	---	---	---	---	---	---
28	---	---	---	34500	23300	30100	---	---	---	---	---	---
29	---	---	---	34400	23100	29200	---	---	---	---	---	---
30	35300	23100	27900	34500	21900	28300	---	---	---	---	---	---
31	35200	22800	30800	---	---	---	---	---	---	---	---	---
MONTH	35300	22800	29400	39700	15500	29100	36200	10900	24600	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	34000	21000	29000
11	---	---	---	---	---	---	---	---	---	32400	23600	28800
12	---	---	---	---	---	---	---	---	---	31100	19900	25300
13	---	---	---	---	---	---	---	---	---	28600	14900	23000
14	---	---	---	---	---	---	---	---	---	30300	11400	20400
15	---	---	---	---	---	---	---	---	---	30000	11500	20300
16	---	---	---	---	---	---	---	---	---	30500	11300	20300
17	---	---	---	---	---	---	---	---	---	30800	13000	22000
18	---	---	---	---	---	---	---	---	---	30200	11100	20600
19	---	---	---	---	---	---	---	---	---	27500	8700	18200
20	---	---	---	---	---	---	---	---	---	27700	10200	18800
21	---	---	---	---	---	---	---	---	---	30800	12900	23600
22	---	---	---	---	---	---	---	---	---	31000	16800	25300
23	---	---	---	---	---	---	---	---	---	29400	15900	23700
24	---	---	---	---	---	---	---	---	---	27700	11500	20600
25	---	---	---	---	---	---	---	---	---	29000	12600	20600
26	---	---	---	---	---	---	---	---	---	30100	13300	22100
27	---	---	---	---	---	---	---	---	---	33200	15300	26400
28	---	---	---	---	---	---	---	---	---	32500	17300	24600
29	---	---	---	---	---	---	---	---	---	31700	15400	24700
30	---	---	---	---	---	---	---	---	---	31900	14100	23500
31	---	---	---	---	---	---	---	---	---	32800	15300	26200
MONTH	---	---	---	---	---	---	---	---	---	34000	8700	23090

021720675 COOPER RIVER AT ARMY DEPOT NEAR NORTH CHARLESTON, SC

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

(BOTTOM)

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	32400	17500	26300	34500	16800	25700	34600	18800	27600	32700	16300	25700
2	34600	16300	26300	33300	16400	24800	35600	19400	28800	32600	15000	25100
3	35900	16500	28100	31000	11800	20500	35100	21300	28100	31500	13400	23700
4	36900	22400	31100	33200	9020	21700	33400	17700	26500	29800	11000	21700
5	39200	19300	32100	34900	12500	24800	32100	15500	24700	20900	1000	9260
6	38200	20000	30600	34400	15500	25800	33000	17000	25600	600	200	357
7	36300	22400	29800	35000	15100	26500	32800	18100	26200	580	180	260
8	29900	19400	26500	34200	18100	27100	33300	18200	24900	940	180	352
9	31200	19400	24700	32900	11300	24300	32400	17700	25100	6260	200	954
10	30600	20000	24800	32800	14200	23100	30900	17200	23900	11600	260	3380
11	32500	14500	24100	33800	16000	23500	32400	17200	24300	15300	780	6460
12	30900	15400	22900	32400	17100	24900	34800	19000	26700	20700	1080	7920
13	28600	9920	19500	33300	18400	25500	33400	20600	27400	25300	3120	13100
14	28000	11200	18800	31900	18800	25900	34200	18400	26300	31600	5320	18200
15	27500	11800	19200	32000	17600	25300	35200	14600	26300	35300	10900	25200
16	28300	11300	19600	33300	17900	25700	36600	17100	28300	37600	25700	32800
17	28700	11100	19700	35000	17400	26700	36200	20700	29200	38600	21600	33400
18	28700	11900	20800	35100	15300	25900	37000	19900	30400	38700	21200	32200
19	31000	12800	22200	35800	15800	26500	37100	19800	29900	35900	17700	28700
20	29800	10700	20500	36100	16800	27300	36600	21300	29900	35100	22100	30500
21	31000	11900	21300	37400	18300	28800	36200	20700	30100	33800	23300	29900
22	29600	12200	21600	37900	22300	31300	34900	19900	28900	31800	23000	28500
23	31400	12300	22900	38100	21900	32000	32900	19400	27000	30400	20900	26600
24	32200	14300	23100	38100	23500	31900	34500	19600	28300	30900	19000	25800
25	34600	16400	25800	36000	18100	28500	34300	22400	29100	30200	15200	23500
26	32500	15300	25100	34900	18100	27700	32500	21200	27800	30100	13600	22500
27	32500	11700	23100	32800	17700	26700	30300	17900	25200	30100	14700	23000
28	34300	16000	26100	33700	17600	26500	31300	15400	24100	31100	15400	22000
29	34600	18800	26900	33300	19100	27400	32500	13400	24600	---	---	---
30	33800	17600	25900	34300	20500	28400	33500	16000	25800	---	---	---
31	---	---	---	33900	19700	27400	33900	18100	26100	---	---	---
MONTH	39200	9920	24310	38100	9020	26390	37100	13400	27000	38700	180	19300
YEAR	39700	180	25100									

021720710 COOPER RIVER AT CUSTOM 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 DAILY RECORD.--October 1986 to September 1987.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): October 1986 to September 1987.
SPECIFIC CONDUCTANCE (Bottom): October 1986 to September 1987.

INSTRUMENTATION.--USGS mini-monitor and Sutron data collection platform since October 1986.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): Maximum, 53,000 microsiemens, Aug. 11, 1987; minimum, 6520 microsiemens, Sept. 6, 1987.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 53,000 microsiemens, Sept. 21, 1987; minimum, 11,400 microsiemens, Sept. 7, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (Top): Maximum, 53,000 microsiemens, Aug. 11; minimum, 6520 microsiemens Sept. 6.
SPECIFIC CONDUCTANCE (Bottom): Maximum, 53,000 microsiemens, Sept. 21; minimum, 11,400 microsiemens Sept. 7.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	48200	36300	42000	50600	39100	45400	26400	19700	23100
2	---	---	---	48200	35800	41700	49700	38500	43800	24800	18900	21700
3	---	---	---	48200	35200	42000	45600	34000	39300	24900	18200	21200
4	---	---	---	48400	36100	42100	45900	31900	37400	25300	18800	21400
5	---	---	---	47800	35600	40800	44600	30700	36300	25100	19500	21800
6	---	---	---	43700	34400	41300	45600	31800	36700	24200	19000	21300
7	---	---	---	---	---	---	43200	32100	36700	33200	19600	24800
8	---	---	---	---	---	---	41200	10700	28000	38400	30700	33500
9	---	---	---	42500	32500	39400	34400	22100	26600	40100	29600	34000
10	---	---	---	42800	31300	36300	25600	13700	19600	40200	30800	34300
11	---	---	---	45300	34300	38300	28800	18900	22200	38100	29900	33500
12	---	---	---	44600	34400	38800	25400	17300	20300	40800	30900	35700
13	---	---	---	45400	35300	39900	21200	17100	18800	41700	32700	36600
14	---	---	---	47200	35400	40700	22500	16400	18700	41000	33100	36500
15	---	---	---	44900	35600	43200	20400	16600	18500	40700	32400	36400
16	---	---	---	---	---	---	20500	16400	18000	42200	32800	36700
17	---	---	---	---	---	---	22400	16300	18600	42900	33300	36600
18	---	---	---	---	---	---	38300	16300	24800	43700	33300	37100
19	---	---	---	49400	41700	43800	45800	33600	37600	41800	31700	35400
20	---	---	---	46100	38800	40900	47600	34100	39000	39100	29400	33500
21	---	---	---	45200	35600	39000	47300	35000	39300	40700	28800	33600
22	---	---	---	45400	32400	38700	46800	34800	39300	40800	29900	34300
23	---	---	---	47700	32700	39800	46800	36600	40200	37300	27100	31100
24	---	---	---	44200	35300	39400	44500	31800	36800	38500	25300	31600
25	---	---	---	43800	34100	38800	37200	29000	33800	39100	28400	32800
26	---	---	---	46100	34900	39800	45500	29400	35700	41300	30100	34200
27	---	---	---	45500	35600	39300	43100	25300	35500	45300	30400	36200
28	---	---	---	48200	37700	42000	31200	21600	25800	44200	30600	36800
29	---	---	---	50200	38300	43500	28900	20300	24000	45400	29200	36700
30	44800	36700	38700	51400	38000	44800	27000	19700	22800	44000	27000	34600
31	47200	36100	41600	---	---	---	26700	18400	22400	42700	26200	33700
MONTH	47200	36100	40200	51400	31300	40700	50600	10700	30400	45400	18200	32000

021720710 COOPER RIVER AT CUSTOM HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

TOP

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	44100	27800	34900	42900	28400	35000	38200	22200	28300	41100	29600	33700
2	43700	29900	35800	41400	24500	32100	39000	22300	28100	42800	28700	33800
3	40000	29400	33800	41200	24300	30400	35400	22400	28400	41500	30200	34800
4	41800	27800	32800	41600	23800	29600	32800	23600	28200	44100	30200	36000
5	43000	27000	33300	41600	22900	30700	37400	24000	31000	41900	31500	36600
6	45600	27100	34400	44200	24200	31700	37400	27400	33900	45200	33500	37500
7	43700	29900	36300	40600	25600	32100	40800	25300	34100	42500	33800	37600
8	42000	30800	35800	39900	26100	33000	42500	29900	36000	42500	32800	37500
9	37000	30800	33500	40400	28700	33700	42400	33000	37200	44500	34300	38200
10	38100	30300	33600	41100	31300	34900	44200	33700	38400	44900	33800	38500
11	39300	30300	34100	47600	33300	37900	44700	34800	39700	46400	34200	39700
12	40300	30800	35100	45800	32100	38300	44800	35700	39500	47400	34500	39900
13	43600	31100	36400	45600	35800	40200	47200	35200	40000	47400	33400	39600
14	42800	31400	37000	45500	35700	40200	49400	35400	41000	48000	30200	38200
15	44900	32600	38200	44000	35800	39400	48000	35000	41600	47700	30900	38600
16	48100	34600	40400	44800	34400	38600	47200	32400	39700	46600	31400	37800
17	42700	31800	37300	45100	34300	39200	46800	30900	37600	46400	32200	38200
18	41300	30500	34700	45900	33300	38300	45700	30400	36000	45200	31200	37000
19	40300	27900	32800	44500	32600	37500	45100	31900	35900	44000	29800	35100
20	40000	28300	32300	42700	31900	36400	46300	31500	37100	42000	29100	34300
21	40900	30300	33600	42700	30200	34500	44800	32200	36700	44000	30400	35900
22	42300	30400	34400	41700	29500	33900	42600	32200	36100	43400	31400	36600
23	38500	26100	30900	41700	29600	34300	43100	31400	36700	42500	31400	36000
24	41700	27200	32900	41000	29900	34100	43500	31500	37100	42600	29400	34800
25	44000	29000	35300	41300	29200	34500	45400	31100	37300	42500	28100	33600
26	45700	29600	37500	39400	27800	33100	45800	31300	38000	45900	29800	35600
27	45500	31100	37900	40200	26800	32900	47300	33700	39900	47800	27800	37700
28	43800	30400	37000	40300	23900	31700	46300	33700	39700	46100	32400	37900
29	---	---	---	44100	23200	33100	44400	33600	38400	44800	31400	37200
30	---	---	---	41900	26600	33800	41300	30000	35400	42700	32300	36200
31	---	---	---	36400	24100	29700	---	---	---	42800	30100	35400
MONTH	48100	26100	35100	47600	22900	34700	49400	22200	36200	48000	27800	36800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	42200	31500	35500	42900	32500	37100	42500	33800	37500	45800	34500	38200
2	41100	31900	37800	42900	32100	36700	43300	33000	37500	46600	33200	37600
3	39800	38800	39400	42400	30700	35000	43600	34600	38000	45600	31000	37800
4	39700	39600	39600	42700	27100	34200	44000	32600	38100	45700	30000	36500
5	40100	39200	39600	43100	27600	35100	45800	33700	38200	36200	19300	29300
6	39900	39200	39600	45100	29900	36700	50500	32800	40200	33200	6520	18800
7	39600	38800	39300	46400	33100	38500	51300	34200	41000	33500	6940	16500
8	39500	38600	39200	48900	32700	40000	52600	35500	43300	33300	7740	17900
9	39300	38600	39000	49500	30900	40200	52700	36700	44300	35300	9440	20800
10	50800	37400	41100	50200	32800	40600	52200	37500	44300	40000	12700	23800
11	51700	35100	42900	50700	33500	40900	53000	37400	44600	39700	14800	24900
12	51700	35900	43200	47400	34700	40500	52800	38400	45900	36600	16900	24000
13	51400	33700	41300	49400	34100	41000	51600	39000	45600	39800	16600	25400
14	50400	31100	40200	51700	35400	42200	50700	38700	43400	41800	18700	28500
15	48800	32900	39800	50300	37400	43400	48400	35800	41000	39900	19200	29200
16	47600	33100	39000	50800	36800	42800	45800	34100	39200	40400	21600	32300
17	48100	32800	38500	49100	35900	42300	45500	35200	39400	44000	25200	34200
18	46100	32100	38400	48100	35000	40900	44400	34000	38800	43100	29200	35300
19	46900	31700	38200	47900	35400	40100	45300	34100	38900	43800	31300	36600
20	45400	31100	37300	48500	35700	40100	44700	35300	39100	42300	33200	37900
21	46300	30300	36800	47700	35400	40900	45600	33000	39300	46700	33900	40400
22	45900	32300	37500	49200	37600	41800	46500	35800	40000	42400	34200	41300
23	46400	32800	38400	50500	37900	42500	45900	35700	39800	50800	40500	44500
24	48000	31900	38400	50700	38900	43200	48700	35800	40500	51800	39700	45300
25	48800	34300	39800	51100	38100	43500	46400	36500	41000	50900	37300	43600
26	46600	35600	40300	49500	37800	42300	46800	36800	41400	50400	36200	42200
27	47600	33300	38800	46100	32500	39100	47600	37000	41300	49700	35600	41000
28	48800	34300	38900	44300	33300	37300	46600	34300	39800	50200	36400	40900
29	47800	34000	39100	44900	33300	37400	45200	34200	38400	47900	35200	39200
30	45600	35400	39200	43900	33200	37500	47800	30200	37700	46200	31200	37300
31	---	---	---	43300	35100	37800	46700	34300	38300	---	---	---
MONTH	51700	30300	39200	51700	27100	39700	53000	30200	40500	51800	6520	33400
YEAR	53000	6520	36200									

021720710 COOPER RIVER AT CUSTOM HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

BOTTOM

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	48300	37500	43100	47200	38100	42900	33000	24400	29000
2	---	---	---	48200	37000	42500	46300	36300	41300	31200	22700	26800
3	---	---	---	48200	36600	42700	45700	33800	39600	32300	22200	26900
4	---	---	---	48300	36400	42500	47300	33200	39700	32800	23800	27900
5	---	---	---	---	---	---	47800	33900	40100	33200	24900	29200
6	---	---	---	---	---	---	47700	34600	40500	31400	24700	28300
7	---	---	---	---	---	---	45500	35400	40300	33700	24200	29200
8	---	---	---	---	---	---	43600	35100	39800	36400	30000	33700
9	---	---	---	---	---	---	43300	34300	39600	38100	31300	34800
10	---	---	---	32600	27200	30800	45100	36900	41000	38000	27400	34900
11	---	---	---	45100	29700	39800	46800	34900	40900	36900	30300	34200
12	---	---	---	45000	35500	40500	43300	31700	37400	37500	31500	34700
13	---	---	---	45300	32700	40300	42100	32600	37500	38300	32200	35200
14	---	---	---	48400	36300	42900	43900	32100	37700	38300	30700	34600
15	---	---	---	45000	38400	43900	41600	32000	36300	38800	30700	34500
16	---	---	---	---	---	---	41500	30500	35400	38800	31100	34900
17	---	---	---	---	---	---	40400	31100	35300	39400	30700	35000
18	---	---	---	---	---	---	40300	30700	35200	40000	29500	35100
19	---	---	---	49400	41700	43800	39500	30600	34700	36700	27700	32200
20	---	---	---	49200	38300	43700	39100	29300	34200	37600	28300	34800
21	---	---	---	45300	37300	42300	31700	26600	29200	38500	29800	34700
22	---	---	---	45700	38500	42400	31000	25700	28600	38900	29700	35900
23	---	---	---	46100	39700	43000	30600	25000	28400	35500	28200	32400
24	---	---	---	44300	38100	42100	29200	24100	26500	36900	29600	33200
25	---	---	---	43600	36900	41400	28300	23400	26400	37900	28200	33400
26	---	---	---	44100	36000	41400	30700	23800	27600	38600	26300	32500
27	---	---	---	42500	36500	39700	31800	23700	28200	41900	28800	34300
28	---	---	---	46300	36000	41500	32300	23900	27700	40100	27100	33400
29	---	---	---	47700	35700	41700	33300	23200	28000	41700	26400	33600
30	45600	37400	41400	47700	36200	42600	32600	22500	27500	40000	25200	31800
31	48200	37700	43400	---	---	---	32600	22400	27800	40100	22900	31700
MONTH	48200	37400	42400	49400	27200	41600	47800	22400	34700	41900	22200	32700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	40900	25500	33100	43300	29000	35900	42400	25000	33400	44700	33000	37800
2	40500	26900	32900	47000	26700	36200	41500	27500	33300	43800	35200	39900
3	40600	28200	35000	46800	29300	37600	41800	27000	34800	45300	34700	41300
4	43100	31300	39000	46900	30300	39100	43400	31200	38800	45700	36200	42400
5	43100	34300	39900	46800	34900	41600	45500	37200	41900	49600	39500	44600
6	46800	40400	43900	46700	38300	43900	45900	37100	42600	49700	41600	45800
7	45200	38300	42400	47900	42100	45500	46200	39200	44000	45900	40200	43700
8	41700	36900	39400	47600	35500	44400	47200	41200	45100	45200	37900	42700
9	38800	32100	36000	43500	38300	42200	47900	35500	44800	46900	36200	42700
10	40800	29900	37400	48300	38400	44800	48600	36900	44400	46200	36700	41900
11	40100	33300	37200	48800	40200	46400	45400	31700	39200	47400	36800	41600
12	41300	34400	37400	48000	39100	44500	46300	34000	40000	47600	31300	41200
13	45100	33000	38600	47300	38800	43000	44500	33200	38300	46500	30300	38400
14	44500	32600	39100	45400	38000	41700	50900	37500	43600	48400	33400	40400
15	45900	33300	39400	44700	36500	40600	49900	37700	43600	48300	34000	40700
16	47500	36200	41600	46500	35200	40200	48600	35800	42100	47900	33000	40000
17	44100	33800	39000	46400	35700	41000	47700	35100	41500	48200	34700	41300
18	42500	32700	37700	47200	34900	40500	48600	33200	41600	46800	31400	39500
19	41900	32900	37600	47100	35000	40400	48900	36200	41100	45200	32900	38600
20	41400	33100	37700	45500	35200	40200	48500	36500	41500	44300	35000	39300
21	43000	34800	39700	44100	32000	37900	47500	36300	41900	46000	29900	41300
22	43900	32200	38900	44400	33700	38400	45800	36400	40500	46000	35400	40900
23	40000	31800	36100	43100	32400	37700	46000	33800	40400	46100	34400	40000
24	45000	30100	38200	42900	31300	37600	45200	34500	39900	46200	34500	39800
25	46000	30500	38100	42600	30100	36600	46900	33500	40300	46500	29600	39400
26	45700	31500	39300	40700	28900	34500	48400	33900	41200	47800	31100	40600
27	45300	31900	39000	42800	27700	35000	48300	35600	42400	48700	35900	41200
28	43900	32300	38100	45000	25300	35400	47500	32800	41500	47400	36200	42000
29	---	---	---	46200	26900	37000	46500	34600	40800	46100	37100	41300
30	---	---	---	43800	29200	35500	43100	33200	39100	45400	35300	40600
31	---	---	---	40300	26100	31700	---	---	---	45000	36400	40900
MONTH	47500	25500	38300	48800	25300	39600	50900	25000	40800	49700	29600	41000

021720710 COOPER RIVER AT CUSTOM HOUSE (AUX) AT CHARLESTON, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

						BOTTOM						
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	44300	38000	40900	45400	35800	39700	47500	40300	44100	46800	37100	41900
2	44500	37700	39800	46200	38600	42300	47600	40000	43900	48600	36900	42900
3	40100	39100	39800	45200	35800	41800	46800	38200	44200	49700	36500	43000
4	41100	39900	40000	46400	37300	42400	---	---	---	49500	33900	42000
5	40500	39500	40000	48500	36500	44100	---	---	---	44500	24100	36200
6	40300	39600	40000	50700	37900	44600	---	---	---	46100	12800	28300
7	40000	39200	39700	51800	38800	45100	42300	34200	38500	45200	11400	27100
8	39900	39000	39500	52900	39500	45300	43100	33200	38000	44900	11800	28100
9	39700	38900	39400	52900	33100	44600	43200	33700	38400	45600	14900	30800
10	44400	36300	38800	46100	32100	34500	42600	33600	38000	46300	21000	33500
11	42300	34600	38400	43700	31500	34000	42900	33800	38200	46800	24600	35600
12	39400	34300	36700	33700	32300	32700	43200	34600	39100	47500	27400	37500
13	39500	31800	34800	32800	32400	32600	43000	35100	39200	47600	30800	39400
14	39200	32300	34100	50600	32500	38900	42200	34500	38500	49300	35900	43700
15	34900	34300	34500	50400	38200	44100	40400	35000	37700	51400	38900	45900
16	35600	35200	35400	49900	30700	32400	39400	34800	37200	51500	40700	48100
17	36700	35500	36200	31100	30900	31000	38500	34100	36600	51100	40200	48100
18	37200	36700	37000	31100	30900	31000	38800	34300	36600	50500	39400	45800
19	37300	36700	37100	31100	30800	31000	38700	34300	36600	50900	37200	46100
20	37100	36500	36900	31100	30800	30900	39100	33600	36300	52600	37500	45600
21	37000	36300	36700	33300	30600	30800	39400	33100	36500	53000	36200	45900
22	36600	36100	36400	41700	33000	34900	39000	33700	36200	48900	33800	41000
23	36500	35600	36100	49700	33400	37900	38400	32900	35700	43100	33800	38800
24	36300	35600	36000	45100	33700	38800	40400	33000	36300	44300	34500	39800
25	36200	35700	36000	40600	31200	34500	39900	34000	36800	44500	35500	40200
26	36100	35700	35900	32300	29600	31300	39400	33400	36500	45600	35600	40600
27	36200	35400	35800	45100	29300	37300	47200	33000	40800	46800	37900	44000
28	36200	35600	35900	44300	36100	40000	46400	38600	42900	---	---	---
29	36500	36100	36300	43700	35600	39500	46200	38400	42700	---	---	---
30	36500	35500	36000	47800	40900	45200	47700	37200	42800	39200	35600	37100
31	---	---	---	47700	37700	43500	47200	39000	42800	---	---	---
MONTH	44500	31800	37300	52900	29300	38000	47700	32900	39000	53000	11400	39900
YEAR	53000	11400	38300									

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.

EXTERMES FOR CURRENT YEAR.--Maximum gage height, 23.65 ft, Jan. 1; minimum gage height, 12.53 ft, Jun. 24.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	20.39	15.29	21.59	15.31	22.62	15.68	23.65	15.31	21.01	15.29	21.31	15.29
2	20.47	15.29	21.67	15.30	22.46	15.27	21.00	15.29	20.58	15.29	20.47	15.29
3	20.52	15.29	22.00	15.30	21.14	15.25	21.17	15.29	20.35	15.29	20.26	15.29
4	20.62	15.29	22.28	15.35	22.00	15.82	21.24	15.31	20.07	15.69	20.18	15.29
5	20.54	15.29	21.96	15.35	21.88	15.82	21.26	16.31	20.22	15.99	19.88	15.46
6	21.19	15.29	21.19	15.30	21.56	15.84	21.03	15.74	20.52	16.65	19.82	15.67
7	21.42	15.36	21.06	15.32	21.04	15.83	20.55	15.30	20.79	16.40	20.06	16.31
8	21.33	15.76	20.79	15.38	20.58	15.83	19.86	15.58	20.49	15.29	20.07	15.57
9	20.69	15.30	20.30	15.30	20.55	15.82	20.34	15.54	18.69	15.30	18.90	15.15
10	20.67	15.32	20.32	15.36	20.69	15.82	20.41	15.29	19.67	15.30	19.13	16.02
11	21.03	16.13	20.66	15.26	21.06	15.82	18.86	15.29	19.70	15.29	20.06	16.05
12	21.21	16.08	20.44	15.29	20.88	15.82	19.29	15.29	19.74	15.29	20.27	15.45
13	21.19	15.60	20.59	15.31	20.96	15.82	19.92	15.29	20.26	15.29	20.55	15.58
14	20.74	15.31	20.98	15.33	21.43	16.08	20.20	15.29	20.40	15.29	21.01	15.27
15	20.87	15.31	21.15	15.37	21.41	16.01	20.19	15.29	20.70	15.29	20.78	15.11
16	20.79	15.31	20.49	15.26	21.18	15.85	20.39	15.29	21.77	16.09	20.94	14.79
17	20.89	15.32	20.75	15.25	21.26	16.02	20.79	15.48	20.49	15.30	21.18	15.52
18	20.86	15.31	21.03	15.44	21.62	15.92	21.07	15.67	20.33	15.30	21.26	15.35
19	20.84	15.35	20.68	15.56	20.64	15.45	20.39	15.29	20.14	15.30	20.97	15.44
20	20.89	15.64	21.54	16.81	21.05	16.26	19.89	15.29	20.21	15.58	21.07	15.95
21	20.69	15.83	20.33	16.04	20.96	16.66	20.43	15.54	20.43	15.98	20.84	15.49
22	20.47	16.04	20.48	16.30	20.76	16.55	20.57	15.30	20.71	15.99	20.89	15.94
23	20.17	15.96	20.49	16.48	20.82	16.82	19.26	15.29	19.84	15.29	21.16	16.07
24	19.82	16.08	19.76	15.88	20.57	16.01	19.64	15.29	20.35	15.29	21.15	15.99
25	20.21	16.45	19.69	15.67	19.94	15.37	20.18	15.29	20.94	15.29	21.39	15.60
26	20.28	16.52	19.90	15.29	19.98	15.49	20.65	15.29	21.32	15.30	21.28	14.97
27	19.97	15.87	19.72	15.26	21.11	15.51	21.17	15.30	21.83	15.30	21.29	14.87
28	19.81	15.44	20.51	15.37	21.39	15.30	21.05	15.29	22.11	15.30	21.01	14.29
29	20.00	15.31	21.15	15.29	21.64	15.31	21.55	15.29	---	---	21.42	14.65
30	20.43	15.38	21.87	15.26	21.73	15.30	21.02	15.29	---	---	21.10	14.73
31	21.22	15.33	---	---	21.73	15.29	20.52	15.28	---	---	19.74	13.62
MONTH	21.42	15.29	22.28	15.25	22.62	15.25	23.65	15.28	22.11	15.29	21.42	13.62

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20.39	13.91	20.25	15.01	19.90	15.40	19.68	15.16	19.71	15.02	20.35	15.23
2	20.10	14.74	20.17	15.63	19.71	15.40	19.33	15.09	20.06	14.99	20.47	15.17
3	19.25	15.15	19.86	15.67	19.59	15.40	19.13	14.99	19.91	15.06	20.75	14.92
4	18.45	14.39	19.65	15.61	19.64	15.52	19.44	15.00	20.07	14.61	21.61	15.49
5	18.87	15.29	19.98	16.71	19.77	15.71	19.74	14.67	20.44	14.38	20.84	15.35
6	19.13	15.56	20.33	16.31	20.40	15.87	20.13	14.62	20.71	13.93	21.79	15.04
7	18.81	15.59	20.02	16.01	20.37	15.25	20.71	14.80	21.23	14.15	22.19	15.11
8	19.18	15.09	19.73	15.68	20.51	14.78	21.10	14.57	21.83	14.28	21.99	14.77
9	19.08	15.24	20.45	15.41	20.50	14.01	21.32	14.08	21.60	14.18	21.26	14.24
10	19.75	15.26	20.26	14.94	21.00	13.42	21.64	14.05	21.17	13.99	20.55	16.81
11	19.95	14.22	20.86	14.73	21.71	14.73	21.81	14.11	21.59	14.14	20.79	14.53
12	19.71	14.01	21.20	14.60	21.43	14.07	21.81	14.41	21.59	14.96	20.56	14.97
13	20.19	13.56	21.38	14.35	21.05	13.61	21.63	14.59	21.51	15.50	20.11	15.17
14	20.91	14.13	21.43	14.34	20.51	13.53	21.30	14.59	20.99	15.43	20.04	15.38
15	21.07	14.42	21.34	14.17	20.54	13.86	20.87	14.51	20.50	15.38	20.17	15.77
16	20.79	14.48	21.25	14.48	20.41	14.09	20.64	14.90	20.23	15.17	19.94	15.94
17	20.92	14.56	20.85	14.82	20.20	14.18	21.00	15.15	20.20	15.32	19.82	15.79
18	21.02	15.04	20.37	14.67	20.04	14.37	20.63	15.27	19.95	15.63	19.68	15.23
19	20.75	15.29	20.32	14.56	20.25	14.71	20.49	15.32	20.19	15.59	20.08	15.11
20	20.72	15.26	20.07	14.56	20.08	14.58	20.36	15.29	20.23	15.75	20.67	15.56
21	20.57	15.31	20.69	15.38	18.66	16.95	20.40	15.31	20.60	15.52	20.89	15.89
22	20.56	15.37	20.84	15.34	18.42	16.74	20.50	15.35	20.44	15.31	20.51	15.46
23	20.77	15.41	20.61	14.92	18.66	13.31	20.85	15.72	20.19	14.72	20.75	15.22
24	20.82	14.86	20.63	14.57	20.64	12.53	20.87	15.71	20.89	15.37	20.82	15.38
25	20.80	14.76	20.64	14.45	20.89	15.41	20.80	15.47	20.65	15.33	20.69	15.25
26	21.25	14.83	20.96	14.79	20.31	15.16	20.36	15.18	20.12	15.02	20.71	15.09
27	21.71	15.34	21.50	15.29	20.36	14.99	19.99	14.67	19.83	14.91	20.82	15.18
28	21.58	15.07	21.06	15.40	20.54	15.34	19.93	14.81	19.58	14.73	20.56	15.63
29	21.05	15.40	20.70	15.40	20.32	15.55	20.28	14.50	19.57	14.52	20.45	15.41
30	20.05	14.57	20.34	15.45	19.86	15.19	19.96	15.45	20.27	15.39	20.39	15.35
31	---	---	20.16	15.42	---	---	19.80	15.39	20.29	15.41	---	---
MONTH	21.71	13.56	21.50	14.17	21.71	12.53	21.81	14.05	21.83	13.93	22.19	14.24

YEAR MAXIMUM 23.65 MINIMUM 12.53

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, 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 miles downstream from Summerville Water Plant and at mile 18.0.

PERIOD OF RECORD.--March 1987 to September 1987.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1987 to September 1987.
pH: March 1987 to September 1987.
WATER TEMPERATURE: March 1987 to September 1987.
DISSOLVED OXYGEN: March 1987 to September 1987.

INSTRUMENTATION.--USGS water-quality monitor and data collection platform since March 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 5090 microsiemens, Aug. 29, 1987; minimum, 60 microsiemens, Sept. 10, 11, 1987.
pH: Maximum, 8.1 units, Aug. 28, 30, 1987; minimum, 5.9 units, Mar. 30, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 22, 1987; minimum, 10.5°C, Apr. 5, 1987.
DISSOLVED OXYGEN: Maximum, 8.1 mg/L, Sept. 27-29, 1987; minimum, 2.6 mg/L, May 22, Jul. 24, 25, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 5090 microsiemens, Aug. 29; minimum, 60 microsiemens, Sept. 10, 11.
pH: Maximum, 8.1 units, Aug. 28, 30; minimum, 5.9 units, Mar. 30.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 22; minimum, 10.5°C, Apr. 5.
DISSOLVED OXYGEN: Maximum, 8.1 mg/L, Sept. 27-29; minimum, 2.6 mg/L, May 22, Jul. 24, 25.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				---	---	---	130	90	102	274	168	213
2				---	---	---	106	86	98	288	184	231
3				---	---	---	104	90	96	294	194	242
4				---	---	---	102	102	102	302	214	255
5				---	---	---	100	86	96	294	224	257
6				---	---	---	104	84	97	304	212	265
7				---	---	---	106	86	99	368	244	299
8				---	---	---	112	90	101	394	246	331
9				---	---	---	114	94	107	448	284	375
10				---	---	---	122	102	111	512	292	398
11				---	---	---	128	106	117	604	328	444
12				---	---	---	---	---	---	752	340	511
13				---	---	---	152	114	131	786	370	549
14				---	---	---	174	122	143	812	394	544
15				---	---	---	162	96	125	830	432	595
16				---	---	---	126	90	107	890	482	647
17				---	---	---	136	106	116	920	548	729
18				---	---	---	136	106	121	1030	532	780
19				114	94	109	144	108	125	1130	548	961
20				114	86	98	148	106	131	760	272	581
21				108	84	97	150	114	136	798	294	533
22				104	82	97	162	118	143	886	346	596
23				106	84	100	172	122	152	992	334	648
24				108	86	101	182	128	158	1060	368	682
25				130	102	109	196	126	161	1160	434	759
26				126	92	107	210	124	167	1290	512	849
27				112	86	103	244	122	181	1450	656	987
28				114	94	105	266	138	194	1440	778	1060
29				116	96	106	272	138	203	1410	854	1110
30				128	96	108	260	150	200	1530	878	1170
31				118	96	106	---	---	---	1550	930	1200
MONTH				130	82	104	272	84	132	1550	168	606

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1550	964	1240	497	175	306	1990	964	1510	442	128	264
2	1590	990	1260	456	192	303	2200	1050	1610	362	170	311
3	1690	998	1340	422	160	270	2300	1160	1720	310	136	205
4	1760	978	1360	325	94	180	2500	1190	1810	242	134	181
5	1590	948	1270	196	78	133	2770	1290	1920	122	76	98
6	1750	1040	1390	183	73	125	3080	1470	2160	100	66	84
7	2270	1020	1550	202	78	133	3380	1280	2230	124	86	98
8	2480	920	1660	244	114	159	4230	1470	2530	86	66	76
9	2670	1010	1730	286	114	177	4420	1690	2950	72	64	68
10	3010	1110	1860	340	124	196	4340	1260	2710	72	60	66
11	3800	1240	2270	400	110	203	4470	1530	2950	72	60	66
12	3030	1460	2130	370	122	216	4820	1740	3340	72	64	68
13	---	---	---	418	166	262	4830	2030	3470	80	66	74
14	2620	1330	1680	470	170	289	4150	2420	3340	82	68	76
15	---	---	---	452	94	266	3890	2370	3180	84	72	80
16	3350	1060	1890	476	156	329	3960	2110	3090	92	74	82
17	3700	1370	2540	590	242	412	3930	2040	3120	94	78	87
18	3740	2160	2850	676	284	481	4030	2240	3100	102	86	93
19	3660	1350	2570	814	224	508	4450	2110	3180	106	90	96
20	3310	1070	2630	906	306	575	3300	1420	2310	118	94	105
21	2870	827	1680	990	358	646	4490	1110	2330	134	96	115
22	2940	750	1710	1070	428	758	4440	1100	2530	144	100	121
23	2880	883	1810	---	---	---	4550	1230	2560	156	104	130
24	2570	478	1530	1500	632	1180	5050	1420	3040	168	104	137
25	1080	390	719	1670	706	1110	5070	1840	3460	178	104	140
26	402	111	233	1710	766	1190	4800	1770	3450	190	112	149
27	397	122	204	1740	780	1210	5030	2260	3470	204	114	158
28	482	123	243	1770	848	1250	5000	2050	3440	228	106	160
29	541	152	301	1940	940	1370	5090	2030	3490	190	102	146
30	538	180	328	1960	946	1450	4810	308	2020	188	118	153
31	---	---	---	1880	944	1430	2620	194	1200	---	---	---
MONTH	3800	111	1500	1960	73	571	5090	194	2680	442	60	123
YEAR	5090	60	885									

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, SC--Continued

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	26.5	27.5	28.5	27.0	28.0	28.0	26.5	27.5	26.5	25.0	26.0
2	29.5	27.5	28.5	28.5	27.0	28.0	28.0	27.0	27.5	26.5	25.5	26.5
3	30.5	28.0	29.5	29.0	27.5	28.0	28.5	27.0	27.5	26.5	25.0	25.5
4	29.5	27.0	28.5	28.5	26.0	27.5	28.5	27.5	28.0	25.0	24.5	25.0
5	28.5	26.0	27.5	29.5	26.5	28.0	29.0	27.0	28.5	24.0	23.5	23.5
6	28.0	26.5	27.5	29.5	26.5	28.5	30.0	28.0	28.5	24.5	23.5	24.0
7	28.5	26.5	27.5	29.5	25.5	28.0	30.5	28.0	28.5	24.5	24.0	24.0
8	29.0	26.5	28.0	30.0	26.5	28.5	29.5	27.0	28.5	24.5	24.0	24.0
9	29.5	27.0	28.0	31.0	27.0	29.0	28.5	28.0	28.5	25.0	24.0	24.5
10	29.5	27.5	28.5	31.5	28.0	30.0	28.0	27.0	27.5	25.0	24.0	24.5
11	29.5	28.0	29.0	31.5	27.5	30.0	28.0	27.0	27.5	25.0	24.5	24.5
12	29.5	27.5	28.5	31.0	27.5	29.5	27.5	26.5	27.0	24.5	24.5	24.5
13	---	---	---	30.5	26.0	28.5	27.5	26.5	27.0	25.0	24.5	24.5
14	27.5	27.0	27.5	30.5	27.0	29.0	27.0	26.0	26.5	25.0	24.0	24.5
15	---	---	---	31.0	27.0	29.5	27.0	26.0	26.5	25.0	24.0	24.5
16	29.5	27.0	28.5	31.0	27.0	29.5	27.5	26.0	27.0	25.0	24.0	24.5
17	30.0	28.0	29.5	30.0	27.5	29.0	28.5	27.0	28.0	25.5	24.0	24.5
18	30.0	29.0	29.5	29.5	27.5	29.0	29.5	28.0	29.0	26.0	24.0	25.0
19	30.0	28.0	29.5	29.5	27.0	28.5	30.5	29.0	30.0	25.0	24.5	24.5
20	29.5	28.5	29.0	29.5	27.5	29.0	29.5	28.5	29.0	25.5	24.0	25.0
21	29.5	28.0	29.0	30.5	28.5	29.5	32.0	28.5	30.0	25.5	24.5	25.0
22	29.5	28.5	29.0	31.5	29.0	30.0	32.5	30.5	31.0	25.0	23.5	24.5
23	30.5	28.5	29.5	---	---	---	31.5	30.5	31.0	24.0	22.5	23.5
24	31.0	28.5	29.5	32.0	30.5	31.0	31.5	30.0	31.0	23.5	22.0	23.0
25	28.5	27.0	28.5	31.5	30.0	30.5	31.0	29.5	30.0	23.0	21.0	22.5
26	27.0	25.5	26.0	31.5	29.5	30.5	31.0	29.5	30.5	23.0	21.0	22.0
27	28.0	25.0	27.0	32.0	28.0	30.0	31.5	30.0	30.5	23.0	21.0	22.0
28	28.5	26.5	27.5	28.5	27.5	28.0	31.5	30.0	31.0	23.5	21.5	22.5
29	29.0	26.5	28.0	28.0	27.5	28.0	31.5	29.5	30.5	24.0	21.5	23.0
30	28.5	27.5	28.5	27.5	26.5	27.5	30.5	26.0	28.5	23.5	22.5	23.0
31	---	---	---	27.5	26.5	27.5	29.0	25.5	27.5	---	---	---
MONTH	31.0	25.0	28.5	32.0	25.5	29.0	32.5	25.5	28.5	26.5	21.0	24.0
YEAR	32.5	10.5	24.5									

02172082 ASHLEY RIVER BELOW EAGLE CREEK, NEAR CHARLETON, 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
		FEBRUARY			MARCH			APRIL			MAY	
1				---	---	---	5.9	4.2	5.2	6.5	3.5	5.2
2				---	---	---	6.3	4.3	5.5	6.5	3.9	5.6
3				---	---	---	6.0	4.7	5.3	6.8	3.7	5.2
4				---	---	---	5.8	5.8	5.8	6.8	3.5	5.2
5				---	---	---	7.1	5.3	6.4	5.7	3.5	4.6
6				---	---	---	7.0	5.3	6.4	6.3	3.1	4.6
7				---	---	---	6.9	5.3	6.3	7.3	3.3	5.5
8				---	---	---	6.6	5.4	6.1	6.3	4.7	5.9
9				---	---	---	6.3	5.2	5.9	8.0	4.2	6.6
10				---	---	---	7.1	4.9	5.7	7.5	4.5	6.1
11				---	---	---	6.0	4.6	5.5	6.7	3.6	5.3
12				---	---	---	6.2	4.6	5.6	4.8	3.3	4.2
13				---	---	---	7.1	4.2	5.5	4.1	3.5	3.8
14				---	---	---	5.7	3.8	5.0	4.0	3.2	3.6
15				---	---	---	6.6	4.3	5.3	3.7	3.0	3.4
16				---	---	---	5.1	4.1	4.8	4.0	3.0	3.5
17				---	---	---	5.6	3.9	4.8	4.0	3.0	3.5
18				---	---	---	6.2	3.8	5.1	4.5	3.1	3.7
19				7.7	6.0	7.3	6.2	3.9	5.3	4.0	3.5	3.8
20				7.2	4.8	6.5	6.0	4.1	5.3	4.1	3.2	3.7
21				6.9	5.2	6.2	5.8	4.0	5.1	3.6	2.7	3.1
22				6.6	5.2	6.0	5.6	4.4	4.9	3.7	2.6	3.0
23				6.5	5.0	5.8	5.3	4.0	4.5	3.9	2.7	3.3
24				6.3	5.1	5.8	5.0	3.2	4.5	4.4	2.9	3.4
25				6.6	4.7	5.8	5.0	4.0	4.4	4.5	2.9	3.4
26				6.2	4.9	5.6	5.4	4.1	4.8	4.5	2.9	3.6
27				5.7	4.6	5.2	5.9	4.2	5.0	4.7	3.2	3.7
28				5.3	4.3	4.8	6.3	3.8	5.0	4.9	3.2	3.7
29				4.9	4.0	4.5	6.4	3.0	4.9	6.0	3.1	4.0
30				5.5	4.2	4.8	7.3	4.4	5.4	5.9	3.6	4.3
31				5.4	4.5	4.9	---	---	---	5.6	3.7	4.4
MONTH				7.7	4.0	5.6	7.3	3.0	5.3	8.0	2.6	4.3

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

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 1987.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1987 to September 1987.
pH: May 1987 to September 1987.
WATER TEMPERATURE: May 1987 to September 1987.
DISSOLVED OXYGEN: May 1987 to September 1987.

INSTRUMENTATION.--USGS water-quality monitor and data collection platform since May 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 57,500 microsiemens, Jun. 28, 1987; minimum, 200 microsiemens, Sept. 11, 1987.
pH: Maximum, 7.7 units, several days in May, Jun., Jul. and Aug. 1987; minimum, 6.6 units, Sept. 11, 12, 14, 1987.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 11, 1987; minimum, 23.5°C, Sept. 6, 7, 1987.
DISSOLVED OXYGEN: Maximum, 7.9 mg/L, Jul. 2, 1987; minimum, 1.4 mg/L, Sept. 19, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 57,500 microsiemens, Jun. 28; minimum, 200 microsiemens, Sept. 11.
pH: Maximum, 7.7 units, several days in May, Jun., Jul. and Aug.; minimum, 6.6 units, Sept. 11, 12, 14.
WATER TEMPERATURE: Maximum, 33.0°C, Jul. 11; minimum, 23.5°C, Sept. 6, 7.
DISSOLVED OXYGEN: Maximum, 7.9 mg/L, Jul. 2; minimum, 1.4 mg/L, Sept. 19.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5										---	---	---
6										---	---	---
7										---	---	---
8										---	---	---
9										---	---	---
10										---	---	---
11										---	---	---
12										---	---	---
13										---	---	---
14										---	---	---
15										---	---	---
16										---	---	---
17										---	---	---
18										---	---	---
19										---	---	---
20										30300	18100	23100
21										32500	18500	27400
22										32900	18200	27500
23										30900	18300	26700
24										---	---	---
25										---	---	---
26										---	---	---
27										30700	21500	26000
28										---	---	---
29										32100	20600	28300
30										31400	20000	26400
31										31600	20900	26300
MONTH										32900	18100	26500

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	31000	20500	26300	48500	24600	35400	31800	23400	28300	30000	17700	23800
2	31100	20500	25900	49100	24600	37200	32400	23600	28500	31000	16700	24100
3	31100	22300	26600	44700	21500	32300	32300	24100	28600	30900	16400	24200
4	31100	22500	27200	41500	21400	31500	32600	23400	28400	30200	14000	23100
5	31700	23200	28000	47500	20500	34200	32800	23600	28700	18700	1300	11100
6	33300	23900	28800	42000	20300	33500	33200	24400	29100	8100	380	1900
7	32600	22700	28300	44300	22900	33200	34400	24300	29800	4120	560	1490
8	33200	21700	28400	41800	16100	29600	35300	25500	30800	1700	560	788
9	33300	20800	27800	41300	13600	29500	35300	25900	31200	---	---	---
10	34600	21100	28100	42100	15400	27500	35400	25400	31000	---	---	---
11	36300	24000	30300	---	---	---	36400	25300	31300	1080	200	744
12	35700	22700	29700	---	---	---	36400	26600	32600	2740	480	924
13	34400	21400	28600	---	---	---	36400	27600	32900	6720	560	1370
14	33000	20700	27600	40600	16800	29300	35900	27600	32600	12600	480	2990
15	33200	21500	27700	39600	17600	27300	34900	27000	31600	17700	1240	5570
16	33900	22300	28900	---	---	---	34600	27300	31200	20600	2280	8060
17	35000	23200	30000	48600	23900	35800	34700	26800	31400	25000	3560	10400
18	34400	23400	30400	41200	21300	32600	35000	26800	31200	26200	4720	13100
19	34900	24500	30400	45300	23400	35700	34900	27900	31500	28900	7760	17500
20	33800	23300	30700	41400	22600	33000	34700	27700	31600	28900	7700	20200
21	32800	20300	28100	44900	19400	30500	36500	27300	32000	30100	11500	22100
22	32700	20800	28100	35100	19100	26500	36400	28300	32600	28200	9960	20400
23	36900	22200	29500	32500	20700	27000	35800	27500	32100	28900	8840	20800
24	47000	25000	34500	33900	21800	28100	37700	28300	33400	29200	9860	20800
25	---	---	---	34400	22500	28900	36900	29100	33700	27900	9460	20100
26	46300	21700	36200	---	---	---	35600	27600	32000	28900	10300	20400
27	44400	20500	30900	31400	21900	27400	35100	26900	31600	29100	11200	21200
28	57500	23400	39400	31200	22000	27000	34600	26600	31300	30000	12400	22000
29	51200	24700	38300	32500	22500	27800	34900	25900	31300	28300	12400	21100
30	46400	25500	36800	32000	23800	28800	34500	24400	30100	26200	11700	19400
31	---	---	---	32000	23800	28700	34000	24700	30200	---	---	---
MONTH	57500	20300	30100	49100	13600	30700	37700	23400	31100	31000	200	14300
YEAR	57500	200	26600									

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5										---	---	---
6										---	---	---
7										---	---	---
8										---	---	---
9										---	---	---
10										---	---	---
11										---	---	---
12										---	---	---
13										---	---	---
14										---	---	---
15										---	---	---
16										---	---	---
17										---	---	---
18										---	---	---
19										---	---	---
20										26.5	26.0	26.5
21										26.5	25.5	26.0
22										26.0	25.5	26.0
23										27.0	25.5	26.0
24										---	---	---
25										---	---	---
26										---	---	---
27										28.5	27.0	28.0
28										---	---	---
29										27.5	26.5	27.0
30										28.0	26.0	27.0
31										29.5	26.0	27.5
MONTH										29.5	25.5	27.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	26.5	27.5	30.5	28.5	29.5	31.0	30.0	30.5	29.5	28.0	29.0
2	29.5	27.0	28.0	31.0	29.0	29.5	31.5	30.0	30.5	29.0	28.5	29.0
3	30.0	27.5	28.5	30.5	28.5	29.5	32.0	30.0	30.5	28.5	28.0	28.5
4	28.5	27.0	28.0	30.5	29.0	29.5	31.5	30.0	31.0	28.0	25.5	27.0
5	28.0	26.5	27.5	31.0	29.0	30.0	32.0	30.5	31.0	26.5	24.0	25.5
6	28.0	27.0	27.5	31.0	29.5	30.0	32.5	29.5	31.0	25.0	23.5	24.0
7	28.5	26.5	27.5	31.5	29.0	30.0	32.0	28.5	31.0	25.0	23.5	24.0
8	30.0	27.0	28.0	32.0	30.0	30.5	32.0	28.5	30.5	26.5	24.0	25.5
9	30.5	27.5	28.0	32.5	30.5	31.0	31.5	28.0	30.5	---	---	---
10	30.5	27.5	28.5	32.5	31.0	31.5	32.0	27.0	30.5	---	---	---
11	28.5	27.0	28.0	33.0	31.0	31.5	31.0	28.0	30.5	27.5	25.0	26.0
12	29.5	27.0	28.0	32.5	30.0	31.0	31.0	30.0	30.5	27.0	25.0	26.0
13	29.0	27.5	28.0	32.0	30.0	31.0	30.5	29.5	30.0	27.5	25.5	26.0
14	28.0	27.0	27.5	32.0	30.5	31.0	30.0	28.5	29.0	27.5	25.5	26.5
15	29.5	27.0	27.5	32.0	30.5	31.0	29.5	28.5	29.0	27.5	25.5	26.5
16	29.5	27.5	28.0	32.0	30.5	31.0	29.5	28.5	29.0	27.5	26.0	27.0
17	29.5	28.0	28.5	31.0	30.0	30.5	31.0	29.0	29.5	28.5	26.5	27.0
18	29.5	28.5	28.5	30.5	29.0	29.5	31.5	29.0	30.0	29.0	26.5	27.5
19	29.5	28.5	29.0	30.0	28.5	29.5	31.5	29.5	30.5	29.5	27.0	28.0
20	28.5	28.0	28.5	30.5	28.5	29.5	31.0	29.5	30.0	28.5	27.0	28.0
21	30.0	28.0	28.5	30.5	29.5	30.0	32.0	29.5	30.0	29.5	27.5	28.0
22	29.5	28.0	28.5	31.5	29.5	30.5	32.0	29.5	30.0	28.0	27.0	27.5
23	30.0	28.0	28.5	32.0	30.0	30.5	31.5	29.5	30.0	27.5	26.5	27.0
24	30.5	28.0	29.0	32.0	30.0	31.0	30.0	29.5	30.0	27.0	25.5	26.5
25	31.0	28.5	29.5	31.5	30.0	30.5	30.5	29.0	29.5	27.0	25.5	26.5
26	30.5	28.5	29.5	31.5	30.0	30.5	31.0	29.0	29.5	27.5	25.5	26.5
27	30.5	28.5	29.5	31.5	30.0	30.5	31.0	29.5	30.0	27.0	25.0	26.0
28	30.5	28.5	29.5	32.0	30.0	30.5	31.5	29.5	30.0	27.0	25.0	26.0
29	30.5	28.5	29.5	31.0	30.0	30.5	31.0	29.5	30.0	27.0	25.0	26.0
30	29.5	29.0	29.5	31.0	30.0	30.5	30.5	28.5	29.5	26.5	25.0	26.0
31	---	---	---	31.5	30.0	30.5	29.5	29.0	29.5	---	---	---
MONTH	31.0	26.5	28.5	33.0	28.5	30.5	32.5	27.0	30.0	29.5	23.5	26.5
YEAR	33.0	23.5	29.0									

02172087 ASHLEY RIVER BELOW SCL RAILROAD BRIDGE, NEAR CHARLESTON, 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
		FEBRUARY			MARCH			APRIL			MAY	
1										---	---	---
2										---	---	---
3										---	---	---
4										---	---	---
5										---	---	---
6										---	---	---
7										---	---	---
8										---	---	---
9										---	---	---
10										---	---	---
11										---	---	---
12										---	---	---
13										---	---	---
14										---	---	---
15										---	---	---
16										---	---	---
17										---	---	---
18										---	---	---
19										---	---	---
20										---	---	---
21										---	4.6	---
22										---	---	---
23										---	---	---
24										---	---	---
25										---	---	---
26										---	---	---
27										---	5.4	---
28										---	---	---
29										6.9	5.6	6.1
30										7.1	4.9	6.1
31										7.3	5.0	6.3
MONTH										7.3	4.6	6.2
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.3	5.1	6.4	7.2	4.1	5.1	6.8	3.7	5.6	4.1	2.8	3.5
2	7.1	5.0	6.2	7.9	4.1	5.5	7.5	4.1	5.4	3.7	2.6	3.1
3	6.1	5.1	5.6	6.2	4.7	5.4	7.7	4.0	5.3	3.3	2.3	2.7
4	5.5	4.3	5.0	7.0	4.6	5.6	6.9	4.4	5.2	4.7	2.5	3.6
5	5.2	3.9	4.3	7.2	4.7	5.6	5.7	4.4	5.1	5.3	4.0	4.4
6	4.9	3.6	4.2	6.3	4.8	5.5	5.9	4.4	5.0	5.5	4.0	4.8
7	4.5	3.2	4.0	6.8	4.7	5.4	5.4	3.4	4.5	4.6	3.0	3.8
8	4.1	2.9	3.4	7.1	4.8	5.6	5.2	2.7	3.9	3.6	2.8	3.2
9	3.7	2.2	2.9	6.8	4.4	5.4	4.2	2.7	3.4	---	---	---
10	3.5	2.2	2.8	7.6	4.5	5.9	5.3	2.5	3.2	---	---	---
11	3.7	2.5	3.1	6.8	5.2	5.9	3.7	2.2	3.0	3.0	2.3	2.8
12	3.9	2.5	3.3	6.4	5.2	5.8	3.2	1.6	2.4	3.6	2.4	2.8
13	4.1	3.0	3.6	6.2	4.8	5.5	3.7	2.0	2.7	3.0	2.0	2.7
14	4.2	2.4	3.6	6.6	4.9	5.6	4.2	2.8	3.5	2.6	1.9	2.3
15	4.7	2.5	3.8	6.4	4.6	5.1	4.3	3.3	3.7	---	---	---
16	5.2	3.2	4.2	6.2	4.8	5.4	4.6	3.3	3.8	---	---	---
17	5.0	3.4	4.2	6.2	4.7	5.5	4.7	3.3	3.9	---	---	---
18	5.2	3.4	4.2	7.2	5.3	6.1	6.6	2.6	3.8	---	---	---
19	4.6	3.5	4.1	7.7	6.0	6.7	6.3	3.4	4.9	2.9	1.4	1.9
20	4.0	3.1	3.8	7.7	6.3	6.8	5.3	4.4	4.8	2.8	1.5	2.2
21	4.6	3.6	4.0	7.7	6.2	6.9	6.1	4.1	5.0	3.0	2.0	2.4
22	4.5	3.2	4.0	7.4	6.0	6.9	6.5	4.2	5.2	2.9	2.0	2.5
23	4.4	3.1	3.9	7.6	5.3	6.6	6.5	4.3	5.2	3.4	2.4	3.0
24	4.8	2.9	4.3	7.7	5.8	6.6	6.1	3.9	5.2	3.7	2.8	3.3
25	5.4	3.5	4.5	7.8	6.0	6.7	6.0	4.1	5.1	4.0	3.0	3.4
26	4.9	3.6	4.4	7.4	5.4	6.5	5.2	3.8	4.7	4.3	3.1	3.6
27	5.2	3.6	4.4	7.7	5.1	6.3	4.9	3.7	4.3	4.5	3.3	3.9
28	5.7	4.0	4.9	7.3	4.3	5.9	5.5	3.6	4.3	5.4	3.5	4.6
29	6.7	4.1	5.3	6.8	4.2	5.8	4.9	3.4	3.9	5.8	4.0	4.7
30	6.0	4.5	5.1	7.0	4.1	5.6	4.9	3.4	4.0	5.9	3.7	4.6
31	---	---	---	6.5	3.8	5.6	4.3	3.0	3.7	---	---	---
MONTH	7.3	2.2	4.3	7.9	3.8	5.9	7.7	1.6	4.3	5.9	1.4	3.3
YEAR	7.9	1.4	4.6									

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 Hwy. 17 bridge and at mile 1.7.

PERIOD OF RECORD.--March 1987 to September 1987.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1987 to September 1987.
pH: March 1987 to September 1987.
WATER TEMPERATURE: March 1987 to September 1987.
DISSOLVED OXYGEN: March 1987 to September 1987.

INSTRUMENTATION.--USGS water-quality monitor and data collection platform since March 1987.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 49,700 microsiemens, Jul. 21, 1987; minimum, 4920 microsiemens, Sept. 9, 1987.
pH: Maximum, 8.5 units, Apr. 22, 1987; minimum, 6.1 units, Jul. 14 and Aug. 2, 1987.
WATER TEMPERATURE: Maximum, 32.0°C, Jun. 15, Aug. 7, 1987; minimum, 12.5°C, Mar. 20, 21, 1987.
DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Mar. 23, Apr.9, 1987; minimum, 3.0 mg/L, Jul. 12-14, Aug. 10, Sept. 17, 1987.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 49,700 microsiemens, Jul. 21, minimum, 4920 microsiemens, Sept. 9.
pH: Maximum, 8.5 units, Apr. 22; minimum, 6.1 units, Jul. 14, Aug. 2.
WATER TEMPERATURE: Maximum, 32.0°C, Jun. 15, Aug. 7; minimum, 12.5°C, Mar. 20, 21.
DISSOLVED OXYGEN: Maximum, 9.2 mg/L, Mar. 23, Apr. 9; minimum, 3.0 mg/L, Jul. 12-14, Aug. 10, Sept. 17.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25°C), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1				---	---	---	32700	15400	23000	35600	27700	30400
2				---	---	---	33200	19000	24400	35800	28500	31200
3				---	---	---	35200	19800	25400	36800	29300	31800
4				---	---	---	35600	18500	27700	36200	30500	32800
5				---	---	---	40000	25600	33900	38200	31300	33300
6				---	---	---	43200	29900	37700	38400	32300	34500
7				---	---	---	43800	33200	38200	44300	34400	37600
8				---	---	---	42300	32400	38200	41900	34200	37900
9				---	---	---	42800	34400	38000	41500	35600	37700
10				---	---	---	43900	34600	38200	41400	34500	37500
11				---	---	---	42400	34300	37900	42300	33800	37300
12				---	---	---	41400	32900	37700	43100	33200	37200
13				---	---	---	43700	32400	36900	42600	33000	36800
14				---	---	---	46000	32900	37800	43300	33000	36200
15				---	---	---	44300	32000	38000	42300	32900	35800
16				---	---	---	43100	30200	36000	41100	32600	35300
17				---	---	---	42700	29600	35100	39700	32600	34900
18				---	---	---	42400	30500	34200	37100	32400	34300
19				39600	27400	33800	43000	29400	34000	38500	32300	34000
20				38200	27500	32300	42600	30100	34600	36000	31400	33100
21				39400	26900	30900	42500	31000	35400	36700	30700	33100
22				37300	25700	30100	41500	30700	34700	36400	31700	33100
23				36800	26900	30300	39300	29300	33200	36200	31600	33100
24				---	---	---	37800	28200	33100	36600	30700	32900
25				33800	23500	29700	36200	27900	32200	37300	31200	33100
26				35900	22400	28400	37900	27700	31500	39000	31100	33500
27				33900	21400	27700	40600	28300	33200	42000	32300	35300
28				33600	19900	26600	39200	28300	33100	40500	33400	35600
29				37600	20600	27900	38000	29100	32700	36100	32900	34300
30				36300	18800	27400	34000	27600	30900	36900	32100	33800
31				29800	13700	22300	---	---	---	36400	32200	33500
MONTH				39600	13700	29000	46000	15400	33900	44300	27700	34500

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, 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
		JUNE			JULY			AUGUST			SEPTEMBER	
1	37000	32000	33700	31700	28000	30000	42100	39200	40300	35800	31800	33100
2	37500	33100	34800	36800	28100	32000	41900	36700	40000	37300	31700	33300
3	38000	33500	35200	36700	32500	34900	42600	38500	39900	40800	30600	34300
4	38400	33000	35000	37000	32700	34200	41800	37800	39500	40300	31800	35100
5	37400	33100	34700	37100	31600	33500	42900	36600	39200	33900	21200	29500
6	37500	32500	34000	37000	31200	33400	44000	37400	39200	23200	10500	17100
7	36300	31800	33700	43800	31500	35700	46500	38600	38500	---	---	---
8	37200	32000	34000	45000	34700	37600	45900	37700	40100	20400	5100	11500
9	36400	30800	33800	46000	34500	38500	43000	36100	38500	21800	4920	11900
10	35400	32000	33800	47000	34400	38700	42300	34300	36600	25900	5120	14200
11	39100	33600	36000	47500	34800	39000	44900	35400	39000	25900	7200	15900
12	44100	35300	38000	47200	35500	39200	48300	37600	41900	27500	9000	17700
13	43300	35400	37400	46600	34200	38700	47300	41300	43400	29800	12200	19800
14	41400	35200	36900	45600	34700	39000	44900	40900	42200	33400	14400	24800
15	41800	34200	36200	45100	35100	39100	43100	39100	40600	37900	18100	26400
16	40300	32600	36100	46200	37800	41200	40600	37500	39100	40700	23000	30200
17	39700	34100	36300	47200	39500	42500	40600	38100	38800	41400	22500	31700
18	38900	34100	36400	45200	40300	42500	40500	37800	38900	40100	24100	32200
19	39600	35300	36700	47300	41500	43400	40900	37400	38500	40000	29700	34700
20	---	---	---	48500	42800	44600	39800	36000	37800	40800	30400	35300
21	38200	33200	35800	49700	43100	45500	40100	36300	37400	42300	31600	36400
22	39000	33700	35900	48900	42100	45200	39900	32300	36200	41800	31900	36500
23	40300	32900	36000	46100	40900	43200	37100	33800	35700	43600	32000	37400
24	40900	33200	36000	42700	38200	40400	41700	32400	36700	43800	33800	38200
25	42200	34900	36400	43500	35900	38600	43100	38500	39900	43000	33400	37100
26	39300	34100	36200	44300	39900	41700	42400	38300	39900	42200	33200	36300
27	38600	32800	35600	41700	37600	39300	40800	38200	39500	42700	33000	36200
28	39100	33300	34900	42300	36200	38200	40300	38200	39100	42800	33600	36600
29	36600	32200	34000	43500	38400	40000	39500	36100	38200	40600	33800	36300
30	33100	29400	31500	42800	39300	40500	38100	32300	35700	41400	32700	35900
31	---	---	---	42600	39400	40600	38500	32100	34100	---	---	---
MONTH	44100	29400	35300	49700	28000	39100	48300	32100	38800	43800	4920	29500
YEAR	49700	4920	34900									

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

pH (STANDARD UNITS), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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

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

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				---	---	---	17.0	15.0	16.0	21.5	20.0	20.5
2				---	---	---	16.5	15.0	15.5	22.0	20.0	21.0
3				---	---	---	16.0	15.0	15.5	23.0	20.5	21.5
4				---	---	---	15.0	14.0	14.5	22.5	20.5	21.5
5				---	---	---	14.5	13.0	14.0	22.0	20.5	21.0
6				---	---	---	14.5	13.0	13.5	21.5	20.0	20.5
7				---	---	---	15.0	13.0	14.0	21.0	19.0	20.5
8				---	---	---	15.0	13.5	14.0	23.0	20.0	21.5
9				---	---	---	15.0	14.0	14.5	22.0	21.0	21.5
10				---	---	---	15.5	14.5	15.0	22.0	21.0	21.5
11				---	---	---	16.0	15.0	15.5	22.0	21.0	21.5
12				---	---	---	16.5	15.0	16.0	23.0	21.0	22.0
13				---	---	---	17.5	16.0	16.5	23.0	21.5	22.5
14				---	---	---	18.0	16.5	17.0	23.5	22.5	23.0
15				---	---	---	18.5	17.0	17.5	24.0	22.5	23.0
16				---	---	---	19.0	17.0	18.0	25.5	23.0	24.0
17				---	---	---	19.0	17.0	18.0	26.5	25.0	25.5
18				---	---	---	18.5	17.0	18.0	26.5	25.0	25.5
19				---	---	---	18.5	17.5	18.0	27.0	25.5	26.0
20				14.0	12.5	13.0	19.0	17.5	18.5	26.5	25.5	26.0
21				14.5	12.5	13.5	19.5	18.0	19.0	26.0	24.5	25.5
22				14.5	13.0	13.5	20.0	18.0	19.0	26.0	25.0	25.5
23				14.5	13.5	14.0	20.0	19.0	19.5	26.5	25.0	26.0
24				---	---	---	21.0	19.5	20.0	27.0	26.0	26.5
25				15.0	14.0	14.5	21.5	19.5	20.5	27.5	26.0	26.5
26				16.0	14.5	15.0	20.5	19.0	20.0	27.5	26.0	26.5
27				16.0	14.5	15.5	20.0	19.0	19.5	27.5	26.5	27.0
28				17.0	15.0	16.0	20.0	19.0	19.5	27.5	26.5	27.0
29				17.5	15.5	16.5	20.5	19.5	20.0	28.0	26.5	27.0
30				19.0	16.0	17.0	21.5	19.5	20.0	28.0	27.0	27.5
31				18.5	16.0	17.0	---	---	---	29.0	27.5	28.0
MONTH				19.0	12.5	15.0	21.5	13.0	17.0	29.0	19.0	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.0	27.5	28.0	28.5	27.0	27.5	30.0	28.5	29.5	28.5	27.0	27.5
2	29.0	27.5	28.0	29.0	27.5	28.0	29.5	28.5	29.0	27.5	26.5	27.0
3	29.5	28.0	28.5	28.5	27.5	28.0	30.5	29.0	29.5	28.0	26.0	27.0
4	28.5	27.5	28.0	29.0	27.5	28.0	30.5	28.5	29.5	27.0	25.5	26.5
5	28.0	27.0	27.5	30.0	28.0	29.0	30.0	29.5	30.0	25.5	24.5	25.0
6	27.5	27.0	27.5	30.0	29.0	29.5	30.5	29.5	30.0	25.5	24.0	24.5
7	28.5	27.0	27.5	29.5	27.0	28.5	32.0	29.0	30.5	---	---	---
8	28.5	27.0	27.5	30.0	28.0	28.5	31.0	28.5	29.5	24.0	22.5	23.0
9	28.0	27.0	27.5	30.0	27.5	28.5	30.0	28.5	29.5	25.0	23.0	24.0
10	28.5	27.0	28.0	30.0	28.0	28.5	30.5	28.0	29.0	25.5	24.0	25.0
11	30.0	27.5	28.5	31.0	28.0	29.0	30.5	29.0	30.0	26.5	25.0	25.5
12	31.5	29.0	30.0	30.0	27.5	29.0	30.0	28.5	29.5	26.5	25.5	26.0
13	30.0	29.0	29.5	30.5	27.5	29.0	30.5	28.5	29.5	26.5	25.0	25.5
14	31.0	28.5	29.5	30.0	28.5	29.5	29.5	27.5	28.5	26.5	25.5	26.0
15	32.0	28.5	29.5	31.0	29.0	30.0	29.0	27.5	28.0	26.0	26.0	26.0
16	---	---	---	31.0	29.5	30.0	29.0	27.5	28.0	---	---	---
17	28.5	27.5	28.0	30.5	29.0	30.0	30.5	27.5	28.5	26.5	25.5	26.0
18	29.5	27.0	28.5	29.5	29.0	29.5	29.0	28.5	29.0	28.5	25.5	26.5
19	29.0	27.5	28.5	29.5	28.5	29.0	30.0	28.5	29.5	28.0	27.5	27.5
20	---	---	---	29.5	29.0	29.0	29.5	28.0	29.0	28.0	27.5	27.5
21	29.0	27.0	28.0	30.5	29.0	29.5	29.0	27.5	28.0	28.0	27.0	27.5
22	29.0	27.0	28.0	30.0	29.0	29.5	28.5	27.0	27.5	27.5	27.0	27.5
23	29.0	27.0	28.5	30.5	29.0	29.5	28.5	27.0	27.5	27.5	26.5	27.0
24	28.5	27.0	28.0	30.5	29.5	30.0	28.5	27.5	28.0	27.0	26.5	27.0
25	28.0	26.5	27.5	30.0	29.5	30.0	28.0	27.5	28.0	27.0	26.5	26.5
26	28.5	26.5	27.5	30.0	29.0	29.5	29.0	27.0	28.0	27.0	26.0	26.5
27	28.5	27.0	27.5	30.0	28.0	29.0	29.5	27.5	28.5	26.5	26.0	26.5
28	29.0	27.0	28.0	29.5	28.0	28.5	29.5	28.0	29.0	26.5	26.0	26.5
29	29.0	27.0	28.0	29.5	28.0	29.0	29.5	27.0	28.5	26.5	26.0	26.0
30	28.5	27.0	28.0	30.0	29.0	29.0	28.5	26.0	28.0	26.5	26.0	26.0
31	---	---	---	30.5	29.0	30.0	28.5	27.0	28.0	---	---	---
MONTH	32.0	26.5	28.0	31.0	27.0	29.0	32.0	26.0	29.0	28.5	22.5	26.0
YEAR	32.0	12.5	25.0									

02172090 ASHLEY RIVER BELOW US HIGHWAY 17 BRIDGE, AT CHARLESTON, 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
		FEBRUARY			MARCH			APRIL			MAY	
1				---	---	---	8.0	7.3	7.8	---	---	---
2				---	---	---	8.2	7.2	7.8	---	---	---
3				---	---	---	8.4	7.2	7.8	---	---	---
4				---	---	---	8.6	8.1	8.3	---	---	---
5				---	---	---	8.9	8.0	8.5	---	---	---
6				---	---	---	8.9	7.6	8.5	---	---	---
7				---	---	---	8.9	8.1	8.5	---	---	---
8				---	---	---	9.0	7.9	8.4	7.8	7.0	7.6
9				---	---	---	9.2	8.0	8.5	8.0	6.9	7.4
10				---	---	---	---	---	---	7.9	6.5	7.2
11				---	---	---	8.5	7.6	8.2	7.2	6.4	7.0
12				---	---	---	8.2	7.5	7.9	---	---	---
13				---	---	---	8.0	7.3	7.7	7.3	6.2	6.6
14				---	---	---	7.9	7.2	7.5	6.7	5.7	6.4
15				---	---	---	7.6	6.8	7.3	---	---	---
16				---	---	---	---	---	---	6.9	5.4	6.3
17				---	---	---	7.1	6.1	6.6	---	---	---
18				---	---	---	6.8	5.9	6.3	7.3	5.8	6.6
19				---	---	---	6.5	5.7	6.1	7.0	6.0	6.6
20				---	---	---	6.6	5.2	6.1	7.0	5.9	6.6
21				---	---	---	6.4	5.0	5.9	6.8	5.4	6.2
22				---	---	---	6.0	4.9	5.5	6.8	5.8	6.2
23				9.2	8.1	8.7	5.6	4.5	5.1	6.7	5.6	6.0
24				---	---	---	---	---	---	6.4	5.5	5.8
25				8.8	7.9	8.5	---	---	---	6.9	5.3	5.8
26				8.8	7.4	8.2	---	---	---	6.6	5.4	5.9
27				8.4	7.1	7.8	---	---	---	6.4	5.3	5.8
28				8.0	6.5	7.5	---	---	---	6.6	5.2	5.9
29				8.2	6.7	7.5	---	---	---	6.5	5.0	5.9
30				8.1	6.8	7.5	---	---	---	7.1	5.2	6.0
31				8.1	6.8	7.5	---	---	---	7.5	5.1	6.3
MONTH				9.2	6.5	7.9	9.2	4.5	7.4	8.0	5.0	6.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.5	4.9	6.3	---	---	---	---	---	---	6.4	3.8	5.7
2	7.4	4.9	6.2	---	---	---	---	---	---	6.7	4.3	5.3
3	7.2	5.3	6.3	6.8	5.2	6.1	---	---	---	5.9	4.0	5.1
4	7.0	5.3	5.9	7.0	4.5	5.9	---	---	---	5.8	4.6	5.1
5	7.1	4.8	5.7	7.1	3.3	5.6	7.9	4.5	6.0	5.7	4.6	5.1
6	7.4	4.4	6.2	6.9	3.2	5.8	7.5	3.6	5.4	5.4	4.8	5.2
7	7.6	5.7	6.4	7.9	4.0	6.4	7.9	3.8	5.8	5.0	4.3	4.8
8	7.7	5.5	6.4	7.8	5.2	6.3	8.6	5.1	6.5	6.3	3.7	4.4
9	7.1	5.4	6.3	6.2	3.6	5.2	8.1	---	7.4	5.2	3.5	4.2
10	6.7	5.3	6.3	5.5	3.8	4.7	8.4	3.0	7.6	6.7	3.4	4.3
11	6.6	4.8	5.9	5.4	3.2	4.3	7.6	3.3	5.3	6.8	3.2	4.7
12	---	---	---	4.5	3.0	4.0	7.8	3.8	5.1	4.2	3.2	3.7
13	---	---	---	7.2	3.0	3.8	7.3	3.8	6.0	4.2	3.2	3.7
14	---	---	---	6.5	3.0	3.5	6.5	4.5	5.8	4.2	3.3	3.8
15	---	---	---	5.8	3.6	3.9	5.8	3.1	4.9	4.5	3.1	3.8
16	---	---	---	6.3	4.0	5.4	6.3	3.6	6.4	4.3	3.1	3.6
17	7.0	5.3	6.1	---	---	---	7.2	3.2	6.4	4.6	3.0	3.8
18	6.7	5.3	5.9	---	---	---	7.7	4.1	6.8	5.4	3.2	4.2
19	6.7	5.3	6.0	---	---	---	7.7	3.6	6.1	5.6	3.7	4.6
20	---	---	---	---	---	---	7.6	5.3	6.1	5.3	3.8	4.6
21	6.3	4.9	5.7	---	---	---	7.7	4.8	6.1	5.9	3.7	4.7
22	6.6	5.1	5.7	---	---	---	7.6	5.4	6.6	5.7	3.7	4.6
23	7.1	5.1	5.7	---	---	---	7.5	4.5	7.0	5.6	3.5	4.4
24	6.7	5.0	5.8	---	---	---	7.7	5.7	7.2	5.7	3.3	4.4
25	6.7	5.5	5.9	---	---	---	7.5	6.7	7.4	4.7	3.3	4.1
26	7.1	5.0	5.8	---	---	---	7.5	5.7	7.0	5.7	3.4	4.5
27	7.4	5.3	6.0	---	---	---	7.7	5.6	6.7	5.8	4.3	5.4
28	7.6	5.6	6.4	---	---	---	7.7	4.8	6.3	6.8	4.2	5.3
29	---	---	---	---	---	---	6.8	5.1	6.0	6.7	4.5	5.4
30	---	---	---	---	---	---	6.2	5.5	6.4	7.1	4.6	5.7
31	---	---	---	---	---	---	6.6	4.4	5.6	---	---	---
MONTH	7.7	4.4	6.0	7.9	3.0	5.1	8.6	3.0	6.3	7.1	3.0	4.6
YEAR	9.2	3.0	6.0									

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21'', long 81°21'57'', Aiken County, Hydrologic Unit 03050204, on right downstream abutment of county road bridge, 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi^2.

PERIOD OF RECORD.--October 1980 to March 1987. (discontinued)

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 good.

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, Jul. 12-14, 1986, gage height, 1.70 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 140 ft^3/s, Feb. 28, gage height, 4.28 ft; minimum, 16 ft^3/s, Oct. 5, gage height, 1.75 ft.

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	17	22	26	37	24	54	---	---	---	---	---	---
2	17	21	27	32	26	37	---	---	---	---	---	---
3	17	21	25	28	27	31	---	---	---	---	---	---
4	17	21	23	25	25	29	---	---	---	---	---	---
5	17	20	22	23	25	28	---	---	---	---	---	---
6	17	20	22	21	27	27	---	---	---	---	---	---
7	17	20	21	20	35	29	---	---	---	---	---	---
8	27	20	21	20	30	32	---	---	---	---	---	---
9	27	20	20	20	27	31	---	---	---	---	---	---
10	30	20	23	21	25	29	---	---	---	---	---	---
11	26	19	25	21	24	27	---	---	---	---	---	---
12	22	34	27	21	24	28	---	---	---	---	---	---
13	21	35	26	21	24	27	---	---	---	---	---	---
14	34	26	24	21	23	26	---	---	---	---	---	---
15	23	28	23	21	23	26	---	---	---	---	---	---
16	21	25	21	22	34	26	---	---	---	---	---	---
17	20	23	20	25	30	26	---	---	---	---	---	---
18	20	23	21	31	27	26	---	---	---	---	---	---
19	19	22	21	73	26	31	---	---	---	---	---	---
20	19	32	21	51	25	30	---	---	---	---	---	---
21	18	28	20	33	24	27	---	---	---	---	---	---
22	18	25	20	55	26	26	---	---	---	---	---	---
23	18	23	21	44	26	25	---	---	---	---	---	---
24	18	22	28	30	24	24	---	---	---	---	---	---
25	20	22	25	29	24	30	---	---	---	---	---	---
26	20	25	23	32	32	---	---	---	---	---	---	---
27	20	24	22	31	49	---	---	---	---	---	---	---
28	19	22	22	26	86	---	---	---	---	---	---	---
29	19	22	21	24	---	---	---	---	---	---	---	---
30	19	25	21	24	---	---	---	---	---	---	---	---
31	19	---	20	24	---	---	---	---	---	---	---	---
TOTAL	636	710	702	906	822	---	---	---	---	---	---	---
MEAN	20.5	23.7	22.6	29.2	29.4	---	---	---	---	---	---	---
MAX	34	35	28	73	86	---	---	---	---	---	---	---
MIN	17	19	20	20	23	---	---	---	---	---	---	---

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.--47 years (water years 1932-71, 1981 to current year), 778 ft^3/s, 14.67 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; Jul. 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, 2,650 ft^3/s, Jan. 24,25, gage height, 7.73 ft, minimum 200 ft^3/s, Oct. 7, gage height, 3.34 ft; minimum daily discharge, 201 ft^3/s, Oct. 7

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	215	399	743	886	1490	2050	2030	610	365	649	272	377
2	211	454	748	962	1400	2230	1940	593	344	571	307	429
3	214	460	763	960	1340	2240	1830	569	327	504	328	455
4	222	458	776	955	1270	2310	1720	557	325	470	328	458
5	218	442	779	954	1210	2380	1640	640	338	498	318	494
6	210	431	781	935	1180	2300	1570	674	358	547	308	546
7	201	426	785	978	1200	2090	1480	658	376	591	308	614
8	203	417	790	1050	1260	1930	1380	635	386	545	314	679
9	240	407	786	1010	1270	1780	1290	610	396	488	349	674
10	364	394	780	936	1260	1670	1220	589	409	444	410	655
11	435	383	779	857	1230	1580	1160	574	408	394	429	641
12	456	377	780	787	1250	1500	1100	554	373	381	441	659
13	474	371	793	756	1320	1460	1050	534	332	418	438	730
14	485	377	800	740	1320	1430	1010	556	342	415	414	718
15	486	430	800	725	1230	1420	972	589	386	414	379	694
16	486	496	800	732	1260	1400	955	580	412	412	340	683
17	491	534	793	767	1450	1340	945	563	436	366	309	663
18	494	576	786	838	1530	1290	956	540	447	316	291	625
19	485	621	784	1030	1490	1370	934	524	488	290	281	569
20	468	692	773	1230	1410	1510	912	523	547	275	278	507
21	435	746	754	1390	1320	1530	908	518	622	268	266	462
22	385	734	721	1790	1290	1500	893	503	666	257	259	419
23	345	737	692	2260	1310	1420	853	480	659	243	245	385
24	324	741	683	2600	1290	1330	812	461	635	238	232	363
25	314	723	676	2570	1240	1390	777	459	640	231	226	341
26	327	707	674	2350	1200	1530	747	460	714	234	232	331
27	338	722	681	2260	1280	1550	716	450	745	228	252	322
28	340	755	697	2190	1590	1510	682	431	764	261	259	315
29	343	760	709	1980	---	1480	655	411	758	280	244	309
30	354	756	731	1780	---	1570	631	385	721	291	245	319
31	355	---	776	1610	---	1870	---	379	---	282	273	---
TOTAL	10918	16526	23411	40881	36890	51960	33768	16609	14719	11801	9575	15436
MEAN	352	551	755	1319	1317	1676	1126	536	491	381	309	515
MAX	494	760	800	2600	1590	2380	2030	674	764	649	441	730
MIN	201	371	674	725	1180	1290	631	379	325	228	226	309

CAL YR 1986 TOTAL 182764 MEAN 501 MAX 1270 MIN 148
WTR YR 1987 TOTAL 282494 MEAN 774 MAX 2600 MIN 201

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 i'149.02 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records fair, except for estimated daily discharges, Oct. 26-27, Nov. 13-15, which are poor. About 9.0 ft^3/s, diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--49 years, 786 ft^3/s, 15.63 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,500 ft^3/s, Sept. 18, 1945, gage height, 14.28 ft, from rating curve extended above 5,300 ft^3/s, by velocity-area studies; minimum, 190 ft^3/s, Sept. 13, 14, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft in September 1928, discharge, 10,000 ft^3/s, from rating curve extended as described above, on basis of information from Department of Public Utilities, City of Orangeburg.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,470 ft^3/s, Jan. 24-25, gage height 8.88 ft; minimum 254 ft^3/s, Oct. 6-8, gage height, 2.18 ft; minimum daily, 254 ft^3/s, Oct. 7.

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	274	468	706	772	1050	1920	1580	551	383	489	374	404
2	273	489	701	878	1000	2220	1470	540	374	461	377	403
3	271	496	708	947	979	2150	1360	560	380	441	378	405
4	270	479	718	946	944	2060	1270	618	375	439	378	420
5	266	469	715	890	906	2030	1220	651	402	443	374	555
6	258	465	711	846	883	1980	1170	642	417	453	370	647
7	254	463	707	832	888	1720	1080	620	416	455	379	705
8	259	462	701	866	895	1450	1000	578	411	446	405	785
9	299	458	694	881	899	1290	947	549	406	433	415	832
10	403	445	691	840	893	1210	908	526	408	429	420	769
11	456	433	695	783	876	1160	878	517	407	435	435	672
12	508	426	721	723	847	1130	852	509	403	541	466	669
13	529	410	741	679	830	1070	822	534	400	588	513	716
14	559	415	752	647	842	1030	798	627	422	525	554	733
15	579	465	740	627	842	1020	799	701	436	489	565	749
16	601	515	728	625	903	1000	812	690	432	482	528	718
17	618	580	715	658	995	970	812	650	436	475	467	657
18	615	646	706	740	1160	935	792	609	447	456	410	595
19	578	696	694	881	1240	980	793	562	507	414	372	560
20	534	759	686	1030	1130	1140	783	535	594	376	360	536
21	504	798	669	1210	1020	1230	773	527	641	353	358	498
22	476	816	645	1620	966	1140	754	518	610	335	363	457
23	446	807	619	1910	977	1040	730	510	603	323	359	424
24	415	790	619	2310	987	960	710	498	587	316	344	399
25	400	750	622	2370	959	973	688	476	577	312	331	383
26	380	720	623	1970	922	1050	671	455	595	303	318	374
27	382	712	607	1770	995	1130	648	438	624	303	318	365
28	397	722	597	1750	1290	1130	623	426	581	328	309	356
29	397	728	597	1520	---	1100	603	424	534	375	305	351
30	400	724	602	1290	---	1200	575	412	509	379	314	369
31	399	---	618	1130	---	1430	---	399	---	384	335	---
TOTAL	13000	17606	21048	34941	27118	40848	26921	16852	14317	12981	12194	16506
MEAN	419	587	679	1127	968	1318	897	544	477	419	393	550
MAX	618	816	752	2370	1290	2220	1580	701	641	588	565	832
MIN	254	410	597	625	830	935	575	399	374	303	305	351

CAL YR 1986 TOTAL 72495 MEAN 471 MAX 816 MIN 237
WTR YR 1987 TOTAL 254332 MEAN 697 MAX 2370 MIN 254

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.--42 years, 1,993 ft^3/s, 15.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft^3/s, Sept. 3, 1964, gage height, 11.44 ft; minimum, 323 ft^3/s, Aug. 14, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 13.5 ft, present datum, in September 1928, on basis of information from State Highway Department, discharge, 25,700 ft^3/s, by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,900 ft^3/s, Mar. 4, 5, gage height, 8.90 ft; minimum, 516 ft^3/s, Oct. 8, 9, gage height 0.77 ft; minimum daily 520 ft^3/s, Oct. 8.

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	543	835	1510	1440	4490	3890	3490	1420	917	1420	733	744
2	544	920	1560	1540	4060	4710	3670	1360	893	1370	745	891
3	543	974	1590	1670	3740	5400	3900	1310	874	1390	747	913
4	539	979	1600	1910	3430	5860	3990	1280	859	1540	756	990
5	534	976	1590	2150	3260	5860	3900	1310	848	1400	756	1250
6	533	966	1560	2240	3090	5660	3740	1360	842	1210	755	1330
7	526	951	1540	2240	2990	5550	3560	1400	848	1080	750	1460
8	520	935	1530	2190	2960	5550	3380	1440	855	1050	754	1570
9	521	919	1540	2120	2920	5430	3220	1450	857	1040	766	1570
10	560	907	1560	2090	2900	5050	3050	1420	861	1030	778	1600
11	657	893	1610	2150	2830	4530	2860	1350	862	1010	787	1640
12	755	881	1650	2220	2750	4120	2690	1280	866	972	806	1680
13	820	864	1660	2210	2670	3830	2540	1230	877	955	830	1660
14	872	845	1680	2080	2600	3590	2410	1210	917	955	848	1630
15	929	835	1700	1920	2530	3400	2310	1210	910	995	878	1700
16	968	840	1710	1790	2510	3220	2230	1260	901	983	900	1750
17	988	885	1710	1730	2660	3060	2150	1310	908	939	913	1710
18	1000	938	1700	1730	2840	2960	2090	1360	912	917	913	1640
19	1020	995	1690	1830	3010	2930	2070	1370	1030	892	874	1560
20	1030	1070	1680	2050	3150	2990	2060	1330	1120	845	822	1470
21	1040	1150	1660	2340	3250	3080	2040	1280	1140	793	799	1370
22	1020	1240	1630	2900	3270	3190	2000	1220	1150	753	747	1280
23	989	1340	1600	3550	3220	3270	1940	1180	1180	725	719	1120
24	942	1440	1590	4130	3080	3260	1890	1150	1220	698	702	1010
25	892	1520	1580	4770	2980	3180	1840	1110	1280	679	686	930
26	848	1530	1520	5350	2920	3200	1780	1080	1360	662	656	875
27	813	1540	1480	5760	2920	3180	1710	1040	1430	645	653	836
28	796	1530	1430	5870	3140	3220	1640	1020	1470	635	644	810
29	794	1500	1390	5630	---	3300	1560	993	1470	636	647	781
30	792	1490	1360	5300	---	3320	1490	968	1450	681	643	794
31	790	---	1350	4980	---	3380	---	946	---	725	650	---
TOTAL	24116	32688	48950	89900	86220	123170	77200	38647	31107	29626	23667	38544
MEAN	778	1090	1579	2900	3079	3973	2573	1247	1037	956	763	1285
MAX	1040	1540	1710	5870	4490	5860	3990	1450	1470	1540	913	1750
MIN	520	835	1350	1440	2510	2930	1490	946	842	635	643	744

CAL YR 1986 TOTAL 447494 MEAN 1226 MAX 3950 MIN 409
WTR YR 1987 TOTAL 643845 MEAN 1764 MAX 5870 MIN 520

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.--No estimated daily discharges. Records good. About 115 ft^3/s a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--48 years, 2,631 ft^3/s, 13.09 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, 10,200 ft^3/s, Mar. 8, gage height, 12.70 ft; minimum, 498 ft^3/s, Oct. 1,6,7, minimum gage height 1.41 ft, Oct. 6-8; minimum daily discharge, 499 ft^3/s, Oct. 7.

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	502	677	1400	1670	7710	4940	5640	1740	852	1990	601	1030
2	512	691	1460	1820	7270	6070	5820	1640	817	1930	619	1460
3	510	729	1510	1980	6790	7660	5750	1550	783	2040	635	1190
4	508	789	1550	2070	6410	8490	5640	1460	764	2220	675	1280
5	504	831	1560	2140	5840	8930	5590	1440	754	2900	655	2020
6	500	846	1550	2190	5300	9590	5570	1450	727	3530	638	3830
7	499	849	1540	2260	4910	10100	5500	1450	706	3620	659	6000
8	508	841	1520	2320	4630	10100	5350	1480	697	3320	663	7440
9	508	828	1490	2360	4430	9730	5130	1480	694	2820	647	8170
10	522	811	1470	2390	4230	9180	4850	1470	692	2240	669	7890
11	549	792	1470	2420	4060	8580	4550	1440	695	1810	730	7160
12	579	783	1560	2440	3920	8020	4230	1400	695	1530	734	6500
13	630	770	1740	2450	3780	7410	3920	1340	708	1340	689	5890
14	678	749	1880	2450	3650	6770	3610	1280	727	1190	686	5070
15	706	736	1950	2450	3510	6190	3390	1250	736	1090	689	4440
16	740	730	1990	2460	3430	5570	3250	1240	748	1030	698	3920
17	781	724	2000	2470	3490	5110	3100	1290	766	998	717	3530
18	807	732	1990	2510	3640	4750	2940	1370	797	925	734	3220
19	824	781	1940	2580	3730	4510	2850	1370	821	855	742	2960
20	844	858	1890	2660	3750	4340	2750	1430	856	807	734	2720
21	859	964	1840	2730	3770	4230	2630	1540	973	752	694	2490
22	870	1030	1800	3130	3840	4170	2530	1440	1070	695	664	2270
23	876	1060	1780	3890	4060	4160	2450	1320	1110	655	638	2060
24	863	1100	1790	4770	4290	4140	2380	1230	1110	637	608	1840
25	839	1150	1830	5400	4420	4170	2290	1170	1140	616	592	1620
26	805	1200	1890	5790	4410	4400	2210	1100	1310	607	583	1400
27	754	1260	1910	6200	4350	4740	2130	1060	1810	597	571	1230
28	706	1300	1880	6920	4400	5010	2040	1030	2120	586	561	1160
29	684	1320	1840	7470	---	5080	1950	986	2200	573	552	1110
30	679	1350	1780	7850	---	5110	1850	938	2130	564	549	1050
31	676	---	1710	7950	---	5310	---	891	---	576	576	---
TOTAL	20822	27281	53510	108190	128020	196560	111890	41275	30008	45043	20202	101950
MEAN	672	909	1726	3490	4572	6341	3730	1331	1000	1453	652	3398
MAX	876	1350	2000	7950	7710	10100	5820	1740	2200	3620	742	8170
MIN	499	677	1400	1670	3430	4140	1850	891	692	564	549	1030

CAL YR 1986 TOTAL 528867 MEAN 1449 MAX 6200 MIN 387
WTR YR 1987 TOTAL 884751 MEAN 2424 MAX 10100 MIN 499

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
06...	1010	875	102	6.90	19.5	2.3	776	8.2	88	K160	250	16
JAN												
28...	1600	7600	71	6.30	7.0	3.2	778	11.1	90	180	280	21
MAR												
19...	1330	4620	68	6.60	13.0	2.5	776	8.6	80	K50	K30	19
MAY												
28...	1200	1050	70	7.10	26.0	2.8	779	7.0	84	K40	480	17
JUL												
22...	1700	655	84	7.20	30.0	12	764	6.5	86	K60	K60	14
SEP												
02...	1400	1480	75	6.40	25.0	5.1	762	5.8	70	K2700	2400	20

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)
NOV												
06...	6	4.8	0.90	13	62	1	1.4	9.0	21	13	<0.10	7.8
JAN												
28...	14	6.5	1.2	5.6	35	0.6	1.4	6.0	23	8.5	<0.10	6.1
MAR												
19...	2	6.2	0.94	5.9	38	0.6	1.2	11	12	11	<0.10	1.1
MAY												
28...	2	5.3	1.0	8.6	50	0.9	1.1	14	10	12	<0.10	6.2
JUL												
22...	2	4.4	0.83	12	62	1	1.2	12	15	9.5	0.10	7.1
SEP												
02...	11	6.5	0.98	7.4	42	0.7	1.5	8.0	22	6.8	0.10	5.2

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)
NOV												
06...	82	66	0.11	194	0.140	0.020	0.03	0.40	0.140	0.130	0.030	0.09
JAN												
28...	66	56	0.09	1350	0.190	0.030	0.04	1.3	0.110	0.020	<0.010	--
MAR												
19...	60	49	0.08	748	<0.100	0.030	0.04	0.90	0.030	0.030	<0.010	--
MAY												
28...	60	54	0.08	170	0.290	0.050	0.06	0.60	0.120	0.070	0.030	0.09
JUL												
22...	67	58	0.09	118	0.200	0.030	0.04	0.70	0.090	0.120	0.050	0.15
SEP												
02...	70	56	0.09	280	0.180	0.040	0.05	1.1	0.100	0.080	0.060	0.18

02175000 EDISTO RIVER NEAR GIVHANS, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--Continued

DATE	ALUMINUM, DISSOLVED (UG/L AS AL)	ARSENIC DISSOLVED (UG/L AS AS)	BARIUM, DISSOLVED (UG/L AS BA)	BERYLLIUM, DISSOLVED (UG/L AS BE)	CADMIUM DISSOLVED (UG/L AS CD)	CHROMIUM, DISSOLVED (UG/L AS CR)	COBALT, DISSOLVED (UG/L AS CO)	COPPER, DISSOLVED (UG/L AS CU)	IRON, DISSOLVED (UG/L AS FE)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, DISSOLVED (UG/L AS MN)
NOV 06...	70	1	16	<0.5	<1	<1	<3	2	240	<5	<4	14
JAN 28...	260	<1	16	<0.5	<1	<1	<3	1	270	<5	<4	28
MAR 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 28...	80	1	12	<0.5	<1	3	<3	2	700	<5	<4	26
JUL 22...	30	<1	10	<0.5	<1	<1	<3	4	250	<5	<4	23
SEP 02...	--	--	--	--	--	--	--	--	--	--	--	--

DATE	MERCURY DISSOLVED (UG/L AS HG)	MOLYBDENUM, DISSOLVED (UG/L AS MO)	NICKEL, DISSOLVED (UG/L AS NI)	SELENIUM, DISSOLVED (UG/L AS SE)	SILVER, DISSOLVED (UG/L AS AG)	STRONTIUM, DISSOLVED (UG/L AS SR)	VANADIUM, DISSOLVED (UG/L AS V)	ZINC, DISSOLVED (UG/L AS ZN)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 06...	<0.1	<10	<1	<1	<1	18	<6	<3	6	14	58
JAN 28...	<0.1	<10	<1	<1	<1	19	<6	10	3	62	96
MAR 19...	--	--	--	--	--	--	--	--	4	50	90
MAY 28...	<0.1	<10	<1	<1	<1	21	<6	5	9	26	85
JUL 22...	<0.1	<10	<1	<1	<1	19	<6	3	6	11	92
SEP 02...	--	--	--	--	--	--	--	--	11	44	100

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.--36 years, 343 ft^3/s, 13.66 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, 1840 ft^3/s, Mar. 2, gage height, 4.77 ft; minimum, 40 ft^3/s, Oct. 7-8, gage height 1.43 ft.

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	50	208	276	336	491	963	720	159	87	230	66	137
2	49	227	280	372	458	1690	702	153	81	179	102	187
3	47	243	304	390	441	1610	683	144	77	161	133	278
4	48	252	321	403	407	1410	642	136	88	214	185	503
5	45	271	336	449	382	1190	578	151	116	241	238	645
6	41	269	337	445	386	992	524	156	129	174	253	480
7	40	246	336	426	422	826	489	157	129	181	225	587
8	41	218	325	399	456	747	450	156	121	168	173	703
9	70	193	304	362	504	681	415	149	106	152	136	548
10	103	172	283	335	566	612	387	143	93	136	118	424
11	95	159	282	313	594	566	363	138	79	113	144	362
12	111	152	310	291	545	548	346	132	70	100	129	313
13	139	148	352	274	497	530	330	132	73	93	129	326
14	174	143	346	270	441	512	316	143	138	93	129	358
15	203	142	327	267	395	487	308	184	147	101	113	371
16	232	144	330	268	398	459	299	216	124	113	98	402
17	243	163	343	300	410	427	290	219	120	114	94	410
18	239	185	344	331	422	405	291	235	140	98	96	355
19	209	197	337	404	442	431	285	232	286	82	93	282
20	166	253	313	479	477	434	284	248	309	73	106	243
21	138	317	286	557	503	437	284	235	384	68	110	202
22	124	337	265	891	534	474	279	205	451	63	115	175
23	114	330	253	1150	530	512	266	200	550	61	109	158
24	108	338	268	1180	488	507	250	174	525	59	94	144
25	107	348	271	1200	453	572	231	149	440	56	84	130
26	112	342	275	1130	435	600	217	133	482	54	77	118
27	113	319	283	993	447	611	201	120	461	49	73	110
28	114	291	287	874	509	610	188	113	379	51	70	107
29	118	261	283	729	---	591	178	107	384	65	66	106
30	122	264	276	613	---	597	168	100	331	71	73	118
31	123	---	267	543	---	697	---	94	---	66	101	---
TOTAL	3638	7132	9400	16974	13033	21728	10964	5013	6900	3479	3732	9282
MEAN	117	238	303	548	465	701	365	162	230	112	120	309
MAX	243	348	352	1200	594	1690	720	248	550	241	253	703
MIN	40	142	253	267	382	405	168	94	70	49	66	106

CAL YR 1986 TOTAL 88802 MEAN 243 MAX 1350 MIN 26
WTR YR 1987 TOTAL 111275 MEAN 305 MAX 1690 MIN 40

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, except those below 10 ft^3/s which are poor.

AVERAGE DISCHARGE.--36 years, 184 ft^3/s, 12.31 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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2030 ft^3/s, Mar. 2, gage height, 5.50 ft; minimum, 0.08 ft^3/s, Oct. 9, gage height, 1.53 ft.

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	.61	4.4	135	272	420	1240	773	27	9.8	126	4.5	1.5
2	.45	5.2	237	522	395	1960	673	22	7.4	97	13	5.4
3	.35	7.2	298	565	409	1560	557	18	5.5	338	10	35
4	.30	9.8	273	460	422	1080	487	16	15	921	7.7	65
5	.31	11	221	383	398	809	433	20	32	863	6.5	97
6	.28	13	169	359	363	657	384	24	26	617	5.3	161
7	.17	13	135	332	417	554	341	33	27	411	23	203
8	.11	11	116	287	580	567	306	31	16	309	9.7	238
9	.09	11	105	249	640	674	278	22	8.9	294	6.0	203
10	.18	10	105	245	555	676	250	16	5.3	203	7.4	131
11	.17	8.7	143	272	448	592	225	12	3.6	148	12	95
12	.46	8.3	267	289	382	506	204	9.6	2.6	150	10	103
13	1.7	7.7	440	270	339	441	184	12	2.1	160	8.5	110
14	2.8	6.9	457	232	311	395	166	33	4.4	144	7.4	97
15	3.1	6.8	373	209	289	361	156	64	6.9	104	5.4	73
16	3.4	7.1	283	214	327	333	147	97	9.7	70	4.2	56
17	3.8	15	224	330	469	309	139	86	14	48	3.1	40
18	3.9	24	193	532	532	292	132	66	13	41	2.7	28
19	3.5	32	176	663	485	375	131	48	367	33	2.3	23
20	2.9	99.1	166	747	409	508	126	72	771	23	1.9	39
21	2.5	205	155	722	372	492	117	188	742	16	2.0	90
22	2.2	274	144	1190	388	416	105	254	441	12	2.1	105
23	1.9	229	142	1660	505	355	94	172	296	9.3	2.0	71
24	1.8	146	184	1320	552	312	83	135	224	7.2	1.7	41
25	1.6	96	244	984	488	393	73	110	184	5.6	1.2	25
26	1.7	72	256	861	417	780	60	61	339	5.3	.85	17
27	1.8	61	225	783	438	826	53	49	528	7.2	.66	11
28	2.0	62	192	688	596	704	47	52	478	7.0	.50	8.4
29	2.3	62	165	585	---	583	39	36	324	7.3	.43	9.3
30	2.9	87	147	513	---	612	32	24	196	7.0	.77	25
31	2.8	---	135	460	---	761	---	16	---	5.0	.92	---
TOTAL	52.08	1605.2	6505	17198	12346	20123	6795	1825.6	5099.2	5188.9	163.73	2206.6
MEAN	1.68	53.5	210	555	441	649	226	58.9	170	167	5.28	73.6
MAX	3.9	274	457	1660	640	1960	773	254	771	921	23	238
MIN	.09	4.4	105	209	289	292	32	9.6	2.1	5.0	.43	1.5

CAL YR 1986 TOTAL 47890.17 MEAN 131 MAX 2100 MIN .00
WTR YR 1987 TOTAL 79107.98 MEAN 217 MAX 1960 MIN .09

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.--Estimated daily discharge: Aug. 1-4. Records good.

AVERAGE DISCHARGE.--48 years (water years 1940-87), 652 ft^3/s, 42.77 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)
Nov. 26	1430	*10,400	*7.34	Mar. 1	0245	5,220	5.01
Dec. 24	0745	4,090	4.38				

Minimum discharge, 96 ft^3/s, Oct. 7, 8, gage height, 0.80 ft.

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	121	290	1070	733	704	3440	1180	591	521	407	270	162
2	120	342	1930	702	848	1750	1030	592	472	533	275	157
3	115	286	1370	650	917	1380	1390	573	441	502	260	147
4	110	260	1050	627	808	1180	1440	572	484	584	260	141
5	105	278	890	606	748	1070	1180	554	446	519	266	149
6	101	304	787	582	709	995	1070	551	406	460	346	555
7	97	300	719	575	692	941	1020	541	386	437	380	1220
8	97	493	688	556	657	923	971	522	372	440	292	488
9	118	449	823	539	620	1030	929	503	361	392	300	334
10	262	382	1050	575	599	1000	885	497	355	373	251	612
11	189	354	1300	543	592	904	857	489	360	353	235	601
12	162	496	1200	513	587	871	823	502	363	448	222	530
13	409	409	943	499	566	836	795	557	356	360	221	622
14	762	362	823	486	564	802	787	640	363	328	216	436
15	355	373	758	502	570	777	1230	614	369	322	209	359
16	239	377	706	486	712	756	1020	561	452	305	214	324
17	198	345	665	479	767	732	917	504	411	293	252	379
18	175	320	670	948	653	727	855	484	528	282	252	332
19	164	302	615	2190	616	1120	811	473	533	282	219	293
20	155	380	582	1230	591	968	779	510	690	271	209	297
21	150	517	555	941	589	857	759	548	591	266	193	265
22	146	401	533	906	606	792	733	488	464	261	184	244
23	143	367	574	784	689	753	715	466	552	255	178	232
24	140	403	2750	713	621	742	714	451	464	245	174	224
25	967	418	1510	847	593	1110	679	438	421	240	168	219
26	1630	4420	1120	1040	588	987	660	496	870	245	171	212
27	644	2250	966	838	876	883	644	449	639	245	174	207
28	465	1260	882	767	2700	893	638	501	472	328	165	204
29	370	957	813	718	---	818	614	754	419	245	175	205
30	307	796	768	720	---	1020	605	663	392	240	161	303
31	275	---	720	746	---	1660	---	559	---	250	156	---
TOTAL	9291	18891	29830	23041	20782	32717	26730	16643	13953	10711	7048	10453
MEAN	300	630	962	743	742	1055	891	537	465	346	227	348
MAX	1630	4420	2750	2190	2700	3440	1440	754	870	584	380	1220
MIN	97	260	533	479	564	727	605	438	355	240	156	141

CAL YR 1986 TOTAL 143411 MEAN 393 MAX 4420 MIN 97
WTR YR 1987 TOTAL 220090 MEAN 603 MAX 4420 MIN 97

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. Datum of gage is 807.63 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--20 years, 179 ft^3/s, 33.76 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)
Oct. 25	2115	2190	4.69	Feb. 28	2315	3910	6.37
Nov. 26	1130	*5890	*7.97	Jul. 4	0415	2140	4.64
Dec. 24	0445	1870	4.33				

Minimum discharge, 18 ft^3/s, Oct. 7,8, and 9, gage height, 0.88 ft; minimum daily discharge 18 ft^3/s, Oct. 8.

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	30	84	472	164	160	1420	271	143	114	152	88	53
2	28	88	699	148	211	462	237	144	110	325	107	50
3	26	76	335	138	198	337	377	139	108	233	81	48
4	25	70	246	134	176	277	366	138	106	725	80	47
5	23	68	205	129	165	244	288	135	103	283	76	51
6	21	69	176	121	158	224	254	134	95	216	87	185
7	19	74	154	120	157	212	232	131	90	182	120	174
8	18	94	147	116	149	222	216	128	86	161	145	112
9	22	83	162	114	138	291	205	123	84	148	139	111
10	48	76	200	120	137	267	196	121	81	137	90	157
11	46	83	280	114	138	228	191	119	84	128	80	257
12	46	100	255	110	136	213	185	125	85	126	76	175
13	104	89	202	107	131	201	179	130	84	116	75	198
14	130	79	175	105	131	191	178	154	91	110	72	133
15	77	81	162	109	132	186	368	145	97	104	69	107
16	59	86	150	107	186	182	251	131	145	100	70	99
17	49	81	142	105	181	176	221	123	134	96	70	97
18	45	93	145	283	165	176	204	117	177	93	81	87
19	49	89	132	635	159	233	193	139	213	92	70	82
20	57	117	127	277	151	211	185	271	250	89	70	83
21	60	122	123	213	149	195	180	205	203	86	63	75
22	59	103	118	213	153	183	175	154	206	85	61	71
23	54	97	135	188	179	177	171	139	230	85	58	68
24	47	99	956	166	158	177	169	128	204	80	55	68
25	758	99	336	243	150	286	163	121	186	77	55	66
26	626	2330	247	306	147	237	158	118	529	74	56	65
27	202	467	206	229	279	212	154	115	329	75	54	64
28	130	263	186	201	1470	202	153	114	201	74	52	64
29	99	200	178	184	---	190	147	128	163	69	52	65
30	86	168	167	180	---	259	145	123	142	73	50	76
31	75	---	157	169	---	412	---	116	---	92	50	---
TOTAL	3118	5628	7377	5548	5844	8483	6412	4251	4730	4486	2352	2988
MEAN	101	188	238	179	209	274	214	137	158	145	75.9	99.6
MAX	758	2330	956	635	1470	1420	377	271	529	725	145	257
MIN	18	68	118	105	131	176	145	114	81	69	50	47

CAL YR 1986 TOTAL 33912 MEAN 92.9 MAX 2330 MIN 12
WTR YR 1987 TOTAL 61217 MEAN 168 MAX 2330 MIN 18

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 and data collection platform. 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, 662.62 ft, May 25; minimum, 646.26 ft, Oct. 10.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	647.15	648.53	651.13	652.79	654.42	658.13	661.56	662.08	662.28	661.59	658.08	655.50
2	646.93	648.59	651.36	652.72	654.50	658.44	661.65	662.17	662.31	661.58	658.14	655.27
3	646.79	648.71	651.45	652.81	654.49	658.65	661.96	662.24	662.17	661.59	657.98	655.03
4	646.79	649.13	651.48	652.90	654.49	658.79	662.25	662.25	662.13	661.72	657.96	654.89
5	646.82	649.08	651.54	652.86	654.51	658.92	662.37	662.23	662.11	661.83	657.93	654.92
6	646.69	649.02	651.72	652.85	654.55	658.95	662.26	662.20	662.12	661.72	657.91	655.13
7	646.55	649.06	651.87	652.75	654.68	659.08	662.03	662.17	662.15	661.59	657.91	655.12
8	646.44	649.15	651.79	652.68	654.86	659.27	661.78	662.32	662.00	661.53	657.97	654.88
9	646.34	649.23	651.75	652.62	654.77	659.41	661.59	662.35	661.94	661.34	657.99	654.68
10	646.30	649.15	651.82	652.74	654.86	659.40	661.42	662.40	661.91	661.22	657.76	654.49
11	646.29	649.14	651.88	652.88	654.85	659.50	661.53	662.36	661.87	661.27	657.56	654.53
12	646.34	649.12	651.98	652.89	654.80	659.55	661.62	662.36	661.75	661.30	657.53	654.63
13	646.62	649.01	652.26	652.81	654.79	659.58	661.51	662.34	661.81	661.03	657.42	654.70
14	646.91	648.95	652.46	652.80	654.89	659.67	661.34	662.45	661.85	660.92	657.19	654.53
15	646.90	649.09	652.41	652.68	655.01	659.76	661.31	662.43	661.79	660.90	657.19	654.39
16	646.90	649.15	652.38	652.61	655.07	659.83	661.32	662.49	661.81	660.69	657.23	654.12
17	646.82	649.13	652.34	652.69	655.13	659.89	661.38	662.54	661.73	660.48	657.05	654.14
18	646.84	649.03	652.28	653.25	655.15	659.95	661.48	662.47	661.69	660.45	656.88	654.09
19	646.85	649.00	652.14	653.57	655.12	660.01	661.59	662.42	661.67	660.38	656.66	654.14
20	646.71	649.10	652.24	653.73	655.16	660.07	661.64	662.39	661.78	660.17	656.51	654.16
21	646.62	648.98	652.27	653.74	655.23	660.18	661.57	662.34	661.88	660.01	656.30	654.16
22	646.52	649.07	651.97	653.81	655.35	660.27	661.49	662.37	661.71	659.75	656.31	654.13
23	646.45	649.12	651.89	653.84	655.33	660.35	661.62	662.40	661.68	659.60	656.33	654.04
24	646.36	649.13	652.42	653.98	655.34	660.48	661.79	662.46	661.53	659.33	656.23	653.99
25	647.38	649.21	652.68	654.31	655.35	660.60	661.83	662.62	661.64	659.28	656.04	653.92
26	647.99	649.93	652.85	654.43	655.38	660.72	661.92	662.50	661.70	659.29	655.89	653.87
27	648.16	650.42	652.90	654.36	655.52	660.85	661.96	662.43	661.76	659.00	655.85	653.90
28	648.40	650.54	652.84	654.35	657.07	661.00	661.96	662.29	661.79	658.66	655.67	653.62
29	648.41	650.72	652.71	654.33	---	661.12	661.95	662.21	661.84	658.47	655.70	653.41
30	648.43	650.91	652.66	654.35	---	661.27	662.09	662.27	661.78	658.32	655.69	653.25
31	648.39	---	652.63	654.33	---	661.41	---	662.33	---	658.10	655.60	---
MAX	648.43	650.91	652.90	654.43	657.07	661.41	662.37	662.62	662.31	661.83	658.14	655.50
MIN	646.29	648.53	651.13	652.61	654.42	658.13	661.31	662.08	661.53	658.10	655.60	653.25
[+]	36.23	41.28	44.87	48.54	54.71	65.15	66.86	67.47	66.08	57.11	51.36	46.20
[*]	780	1950	1340	1370	2550	3900	660	228	-536	-3350	-2150	-1990

CAL YR 1986 * -351 MAX 657.59 MIN 646.29
WTR YR 1987 * 382 MAX 662.62 MIN 646.29

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

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 topographical map).

REMARKS.--No estimated daily discharges. Records good, except those below 1,000 ft^3/s, which are fair. 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, 37,100 ft^3/s, Sept. 28, gage height, 12.48 ft; minimum daily, 63 ft^3/s, Dec. 14, Jan. 4.

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	3820	85	2510	1100	554	129	3660	3070	5850	7400	1630	3040
2	5540	88	2040	4370	3490	2770	4190	102	5470	7480	155	5840
3	3080	2730	2650	64	3670	2090	4780	97	6620	4410	8760	7230
4	98	2690	3130	63	3690	2300	202	3510	2420	146	6400	3530
5	94	2690	4170	3800	3170	2210	284	3580	2010	1970	6360	137
6	2710	2700	73	4160	3690	3070	6650	3560	168	7490	3420	145
7	2690	2700	73	4640	132	410	11500	3520	168	6080	3540	3210
8	2720	105	3630	3960	125	634	10300	3550	5830	7380	156	10800
9	2710	97	3700	4650	4480	3210	8570	157	3630	6840	147	8310
10	2700	2850	3690	74	3150	5400	7890	154	2650	6950	7930	6120
11	86	2840	5950	71	3180	3150	95	3920	2150	147	5530	204
12	84	2950	3610	5110	2890	2770	90	2540	5030	151	2360	146
13	2710	3910	64	4380	2870	2740	6270	5210	153	8750	3210	137
14	2720	6080	63	4380	83	550	7670	3830	157	4110	6640	7990
15	2700	71	3800	5100	79	660	8120	3890	4910	1580	174	6370
16	2710	68	3810	4420	5730	3450	2780	147	2960	6580	168	8600
17	2680	2840	3850	107	2570	3010	2080	147	4840	6630	9950	4010
18	97	3570	3810	109	2830	3060	98	4720	4870	1650	9260	2330
19	94	2740	7140	4840	2840	3140	91	4960	4850	2610	5320	128
20	2820	3580	73	4820	2880	2920	1730	4710	1580	7420	4180	129
21	2800	3420	993	4800	116	1120	4150	3530	147	8850	6360	947
22	2770	68	8590	4790	112	1230	5730	4740	6600	9310	142	1890
23	2750	68	6070	4780	3100	4970	3510	161	7390	8730	141	1890
24	2760	1630	1110	104	3310	3380	2150	147	8600	8770	2990	1900
25	98	1110	1090	108	3370	2770	97	2800	3630	2760	5470	1900
26	88	1130	1090	4400	3650	2570	97	5220	3660	168	4650	1760
27	2650	1110	2360	4420	7480	3000	1350	3130	143	9360	6700	147
28	2630	1890	3720	4390	605	1430	2440	6050	137	10800	4540	7790
29	2640	73	5320	4360	---	1720	2480	5890	137	6710	144	5570
30	2640	67	4410	4430	---	5270	3130	165	2860	6990	144	5340
31	2630	---	4370	2230	---	5070	---	157	---	6820	2640	---
TOTAL	67319	55950	96959	99030	73846	80203	112184	87364	99620	175042	119211	107540
MEAN	2172	1865	3128	3195	2637	2587	3739	2818	3321	5647	3846	3585
MAX	5540	6080	8590	5110	7480	5400	11500	6050	8600	10800	9950	10800
MIN	84	67	63	63	79	129	90	97	137	146	141	128

CAL YR 1986 TOTAL 965427 MEAN 2645 MAX 9150 MIN 63
WTR YR 1987 TOTAL 1174270 MEAN 3217 MAX 11500 MIN 63

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, 476.51 ft, Mar. 31; minimum, 469.87 ft, Sept. 30.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	470.75	471.82	471.04	470.75	473.40	475.01	475.81	474.61	474.08	474.46	475.01	472.14
2	470.68	471.85	471.01	470.76	473.63	475.35	475.56	474.64	473.95	474.63	475.10	472.04
3	470.65	471.83	470.86	470.66	473.86	475.44	475.42	474.68	474.07	474.71	475.15	472.04
4	470.66	471.82	470.59	470.73	474.01	475.52	475.48	474.60	473.99	474.78	474.96	471.93
5	470.68	471.79	470.56	470.55	474.01	475.50	475.56	474.44	473.79	474.86	474.77	471.86
6	470.65	471.78	470.60	470.64	474.06	475.57	475.39	474.27	473.79	474.85	474.85	471.50
7	470.62	471.76	470.64	470.65	474.14	475.67	475.43	474.10	473.79	474.83	474.92	471.12
8	470.60	471.62	470.76	470.65	474.19	475.91	474.93	473.94	473.79	474.82	474.81	471.20
9	470.63	471.58	470.94	470.68	473.96	476.02	474.37	473.96	473.77	474.71	474.64	471.51
10	470.72	471.56	471.02	470.75	473.97	475.99	473.82	474.01	473.81	474.70	474.48	471.59
11	470.72	471.60	471.28	470.79	473.98	475.74	473.84	474.03	473.80	474.71	474.49	471.61
12	470.72	471.65	471.16	470.85	473.97	475.67	473.90	473.96	473.74	474.72	474.55	471.68
13	470.83	471.66	470.85	471.02	473.96	475.70	474.09	473.99	473.78	474.69	474.27	471.69
14	470.98	471.61	470.77	471.19	474.02	475.77	474.36	474.18	473.81	474.76	474.10	471.70
15	470.99	471.67	470.90	471.45	474.08	475.83	474.70	474.13	473.75	474.74	474.10	471.83
16	470.99	471.72	471.03	471.73	473.77	475.86	474.67	474.07	473.69	474.63	474.10	471.72
17	470.99	471.65	471.17	471.77	473.57	475.83	474.64	473.95	473.65	474.57	474.13	471.81
18	471.00	471.63	471.27	472.13	473.42	475.87	474.69	473.83	473.57	474.68	473.84	471.60
19	471.01	471.58	471.22	472.79	473.25	475.98	474.73	473.74	473.69	474.72	473.82	471.63
20	471.01	471.71	471.15	472.67	473.21	476.03	474.74	473.79	473.76	474.69	473.49	471.65
21	471.12	471.68	471.19	472.56	473.20	476.09	474.73	473.89	473.74	474.77	473.35	471.28
22	471.24	471.52	471.17	472.73	472.97	476.13	474.64	473.97	473.75	474.86	473.02	471.03
23	471.33	471.45	471.24	472.54	473.02	476.23	474.61	473.99	473.84	474.83	472.85	470.75
24	471.46	471.22	471.28	472.45	472.73	476.28	474.72	474.02	473.93	474.87	472.82	470.48
25	471.68	470.85	471.15	472.76	472.72	476.25	474.75	473.92	474.12	474.66	472.84	470.26
26	471.84	470.94	471.18	473.01	472.65	476.07	474.79	473.88	474.36	474.32	472.65	470.41
27	471.85	470.88	471.13	473.07	472.83	476.15	474.86	473.82	474.44	474.65	472.56	470.37
28	471.82	470.88	471.14	473.09	474.06	476.26	474.93	473.84	474.48	474.62	472.28	470.36
29	471.80	470.93	471.06	473.05	---	476.38	474.79	474.03	474.30	474.90	472.14	469.92
30	471.78	471.08	471.07	473.14	---	476.38	474.69	474.04	474.26	474.92	472.11	469.96
31	471.77	---	470.96	473.28	---	476.19	---	474.06	---	474.98	472.14	---
MAX	471.85	471.85	471.28	473.28	474.19	476.38	475.81	474.68	474.48	474.98	475.15	472.14
MIN	470.60	470.85	470.56	470.55	472.65	475.01	473.82	473.74	473.57	474.32	472.11	469.92
[+]	41.0	40.3	40.2	42.7	43.6	46.1	44.3	43.6	43.8	44.7	41.5	39.2
[*]	410	-270	-37	933	372	933	-694	-261	77	336	-1195	-887

CAL YR 1986 * -98 MAX 474.61 MIN 470.11
WTR YR 1987 * -22 MAX 476.38 MIN 469.92

[+] 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°04'13'', long 82°30'02'', McCormick County, Hydrologic Unit 03060103, on right bank 600 ft downstream from Island Ford Bridge, 2.8 mi upstream from Calhoun Creek, and 4.5 mi north of Mount Carmel.

DRAINAGE AREA.--217 mi^2.

PERIOD OF DAILY RECORD.--December 1939 to September 1970, October 1986 to September 1987.

REVISED RECORD.--WSP 1433:1948.

GAGE.--Data collection platform. Datum of gage is 353.97 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Nov. 19-21. Records poor.

AVERAGE DISCHARGE.--31 years (water years 1940-70, 1987), 212 ft^3/s, 13.27 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), form rating curve extended above 13,000 ft^3/s; minimum, 0.7 ft, Oct. 9, 1954.

EXTREMES FOR CURRENTS 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)
Mar. 1	1600	*5,010	*16.89				

Minimum discharge, 6.4 ft^3/s, Oct. 9, gage height, .76 ft.

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	9.9	33	241	495	188	4240	939	115	66	49	40	9.0
2	12	38	338	420	216	3100	395	110	65	48	27	8.7
3	11	39	318	249	332	612	312	106	70	55	49	9.0
4	9.8	36	220	184	246	380	310	105	74	72	55	9.4
5	9.1	32	162	159	200	299	267	183	74	86	47	9.5
6	8.4	33	136	141	181	262	234	220	63	58	33	13
7	7.7	33	120	130	201	243	215	150	55	49	85	16
8	7.3	33	110	123	226	378	204	128	53	46	148	24
9	6.8	33	110	116	188	539	194	122	53	44	65	22
10	9.1	34	126	111	166	394	184	111	50	40	43	18
11	18	33	138	111	156	307	178	106	48	36	41	16
12	21	78	183	104	152	265	173	103	49	34	32	15
13	19	95	176	98	147	247	170	105	52	32	28	19
14	30	71	142	95	140	230	164	171	63	30	26	39
15	106	61	123	95	136	219	170	363	71	28	24	27
16	52	85	116	100	144	213	191	185	76	26	22	20
17	30	85	108	102	173	205	176	145	78	24	22	17
18	24	70	107	713	159	198	169	128	74	24	21	16
19	22	150	110	1920	141	224	157	114	64	26	20	15
20	20	300	102	1210	132	260	149	108	76	24	19	15
21	20	322	96	455	126	219	145	110	86	22	19	16
22	20	200	90	921	127	200	144	104	80	21	19	16
23	20	123	91	1000	142	189	135	100	64	21	16	14
24	19	96	329	533	141	182	156	98	57	21	14	12
25	23	90	457	533	128	220	171	92	55	21	13	11
26	78	320	254	960	126	276	144	83	90	22	12	10
27	155	456	182	649	625	461	133	79	112	19	12	10
28	71	256	151	345	2250	800	130	76	79	18	12	9.7
29	44	162	134	270	---	370	127	83	60	22	11	9.5
30	37	135	123	235	---	477	119	74	54	32	9.8	10
31	32	---	114	209	---	1440	---	71	---	32	9.3	---
TOTAL	952.1	3532	5207	12786	7289	17649	6355	3848	2011	1082	994.1	455.8
MEAN	30.7	118	168	412	260	569	212	124	67.0	34.9	32.1	15.2
MAX	155	456	457	1920	2250	4240	939	363	112	86	148	39
MIN	6.8	32	90	95	126	182	119	71	48	18	9.3	8.7

CAL YR 1986 TOTAL 13609.1 MEAN 101 MAX 457 MIN 6.8
WTR YR 1987 TOTAL 62161.0 MEAN 170 MAX 4240 MIN 6.8

02194500 CLARK HILL LAKE NEAR CLARKS HILL, SC

LOCATION.--Lat 33°39'40'', long 82°12'00'', Columbia County (GA)-McCormick County (SC), Hydrologic Unit 03060103, Georgia-South Carolina State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi west of Clarks Hill, 3.7 mi upstream from Kiokee Creek, and at mile 237.7.

DRAINAGE AREA.--6,150 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.

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, 332.66 ft, Mar. 03; minimum 316.50 ft, Oct. 25, 26.

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 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	317.73	317.12	319.55	324.55	331.12	331.76	330.90	330.09	330.20	330.39	330.49	328.13
2	317.73	317.06	319.93	324.91	331.15	332.45	331.20	329.98	330.32	330.46	330.45	328.07
3	317.70	317.05	320.26	325.04	331.15	332.61	331.40	329.90	330.36	330.51	330.44	328.01
4	317.59	317.06	320.56	325.10	331.10	332.15	331.29	330.04	330.46	330.49	330.55	327.92
5	317.49	317.05	320.72	325.25	331.09	331.70	331.20	330.13	330.49	330.45	330.58	327.87
6	317.40	317.05	320.72	325.31	331.12	331.21	331.19	330.19	330.39	330.53	330.57	327.92
7	317.32	317.06	320.68	325.42	330.98	330.76	331.24	330.25	330.28	330.57	330.54	327.92
8	317.24	317.09	320.73	325.51	331.06	330.73	331.39	330.29	330.33	330.65	330.45	327.89
9	317.21	317.05	320.79	325.54	330.81	330.53	331.53	330.15	330.31	330.67	330.45	327.73
10	317.25	317.05	320.89	325.61	330.53	330.30	331.64	330.05	330.28	330.75	330.47	327.55
11	317.14	317.05	320.97	325.60	330.27	330.03	331.51	330.08	330.22	330.60	330.39	327.35
12	317.02	317.10	321.27	325.63	330.02	329.82	331.42	330.07	330.23	330.51	330.19	327.21
13	317.05	317.17	321.47	325.68	329.77	329.67	331.28	330.05	330.20	330.60	330.13	327.07
14	317.10	317.34	321.53	325.69	329.68	329.61	331.03	330.13	330.11	330.50	330.12	326.92
15	317.15	317.32	321.57	325.74	329.63	329.57	330.90	330.17	330.20	330.41	329.94	326.66
16	317.16	317.28	321.62	325.79	329.71	329.48	330.77	330.11	330.32	330.41	329.82	326.57
17	317.11	317.39	321.64	325.76	329.66	329.34	330.65	330.09	330.40	330.45	329.79	326.24
18	317.00	317.45	321.72	326.16	329.61	329.26	330.55	330.17	330.50	330.33	329.77	326.00
19	316.91	317.43	321.93	327.04	329.55	329.14	330.47	330.25	330.54	330.27	329.54	325.85
20	316.85	317.84	321.99	327.76	329.41	329.01	330.41	330.31	330.54	330.31	329.57	325.73
21	316.78	318.04	322.00	328.20	329.35	328.96	330.39	330.28	330.51	330.35	329.45	325.54
22	316.66	318.17	322.22	329.00	329.49	328.92	330.44	330.33	330.64	330.40	329.41	325.42
23	316.60	318.26	322.42	329.51	329.46	328.86	330.42	330.24	330.68	330.47	329.31	325.23
24	316.53	318.30	322.77	329.77	329.52	328.79	330.39	330.14	330.73	330.49	329.10	325.04
25	316.50	318.41	323.05	330.01	329.47	328.91	330.30	330.16	330.75	330.52	328.94	324.79
26	316.54	318.49	323.17	330.36	329.51	328.93	330.22	330.25	330.67	330.56	328.79	324.60
27	316.87	318.69	323.36	330.69	329.98	329.11	330.13	330.28	330.70	330.50	328.70	324.46
28	317.00	318.82	323.51	330.89	330.76	329.35	330.06	330.35	330.59	330.66	328.59	324.32
29	317.06	318.87	323.65	331.02	---	329.48	330.08	330.36	330.51	330.59	328.51	324.23
30	317.07	319.06	323.76	331.18	---	329.87	330.09	330.23	330.44	330.61	328.37	324.13
31	317.19	---	323.90	331.14	---	330.42	---	330.12	---	330.60	328.25	---
MAX	317.73	319.06	323.90	331.18	331.15	332.61	331.64	330.36	330.75	330.75	330.58	328.13
MIN	316.50	317.05	319.55	324.55	329.35	328.79	330.06	329.90	330.11	330.27	328.25	324.13
[+]	23.69	27.93	40.25	62.24	60.95	59.80	58.68	58.78	59.87	60.41	53.03	40.85
[*]	-534	1640	4600	8210	-533	-429	-432	37	420	205	-2760	-4700

CAL YR 1986 * -465 MAX 328.89 MIN 316.50
WTR YR 1987 * 499 MAX 332.61 MIN 316.50

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

02196000 STEVENS CREEK NEAR MODOC, SC

LOCATION.--Lat 33°43'45'', long 82°10'55'', Edgefield County, Hydrologic Unit 03060107, on left bank, 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.--42 years (1930-31, 1940-78, 1985-1986), 410 ft^3/s, 10.22 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)
Jan. 2	0200	7830	21.25	Jan. 23	0300	*10400	*24.25
Jan. 20	0200	10000	23.87	Mar. 1	1445	10100	23.99

Minimum daily, 3.7 ft^3/s, Sept. 2, 3.

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	15	144	1480	3410	386	9370	1730	96	48	67	151	4.2
2	12	169	1780	5120	362	4540	858	98	55	65	46	3.7
3	9.8	135	1220	1410	478	1490	643	93	52	251	161	3.7
4	11	82	583	662	440	804	716	88	60	256	116	3.9
5	11	56	342	487	350	601	585	155	280	210	66	3.9
6	8.5	44	244	387	310	491	459	173	150	150	67	4.3
7	10	32	193	324	774	426	403	129	89	108	816	4.7
8	7.3	25	163	287	984	1060	366	101	68	82	395	13
9	6.4	23	150	255	565	1810	339	86	54	65	179	33
10	9.3	21	628	297	396	1310	308	78	47	54	101	51
11	105	20	559	525	333	751	281	69	43	46	71	33
12	68	19	1130	351	306	548	261	66	41	41	54	24
13	47	27	1670	270	283	472	245	501	39	39	40	21
14	164	30	636	228	255	425	229	415	50	34	34	18
15	186	64	396	213	240	384	227	308	59	26	27	50
16	118	186	311	215	551	351	253	268	88	23	22	37
17	65	171	256	397	1390	323	240	158	664	25	22	26
18	38	115	230	1220	686	296	249	117	300	18	22	17
19	27	89	219	6690	472	430	242	99	696	15	17	11
20	19	1010	196	6480	380	637	210	87	340	17	15	10
21	14	1560	172	1660	330	429	188	120	194	21	16	10
22	11	486	150	5810	369	348	175	106	135	24	12	13
23	8.6	239	133	7250	875	294	161	86	108	16	11	7.3
24	9.7	157	2040	2150	632	263	149	73	93	21	10	5.6
25	11	118	3000	1050	435	617	140	65	84	14	13	6.6
26	17	364	1100	1510	377	1150	138	59	87	11	11	5.6
27	52	966	512	1100	2290	719	124	55	231	11	7.9	4.7
28	61	403	371	755	8310	2780	112	63	212	16	6.9	5.2
29	35	226	297	591	---	1530	107	58	123	12	5.9	13
30	25	266	247	505	---	2860	103	56	84	10	4.9	9.5
31	21	---	216	448	---	3550	---	51	---	162	4.4	---
TOTAL	1202.6	7247	20624	52057	23559	41059	10241	3977	4574	1910	2525.0	452.9
MEAN	38.8	242	665	1679	841	1324	341	128	152	61.6	81.5	15.1
MAX	186	1560	3000	7250	8310	9370	1730	501	696	256	816	51
MIN	6.4	19	133	213	240	263	103	51	39	10	4.4	3.7

CAL YR 1986 TOTAL 75760.7 MEAN 208 MAX 6590 MIN 4.2
WTR YR 1987 TOTAL 169428.2 MEAN 464 MAX 9370 MIN 3.7

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.--Estimated daily discharges: Oct. 1 to Dec. 31, Mar. 8-24. Records poor.

AVERAGE DISCHARGE.--7 years, 13.3 ft^3/s, 13.0 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, 485 ft^3/s, gage height 8.64 ft, Jan. 19; minimum daily discharge, 2.0 ft^3/s, Oct. 9.

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	4.5	15	60	166	21	154	34	8.3	6.3	5.9	7.1	8.6
2	3.5	35	90	72	21	63	27	8.2	6.3	6.5	6.4	6.2
3	3.5	22	60	31	21	37	26	8.0	6.3	7.8	5.5	5.8
4	4.0	17	35	23	19	29	25	8.1	6.3	7.4	7.6	5.8
5	4.0	13	25	19	19	27	25	14	11	6.4	19	6.9
6	2.5	12	22	16	19	26	26	9.4	9.7	5.9	6.5	7.1
7	3.0	10	18	16	58	25	18	8.4	7.0	5.9	9.6	10
8	2.5	9.0	17	14	34	40	17	8.0	6.4	5.9	6.5	11
9	2.0	8.5	15	14	25	35	17	7.5	6.3	5.9	7.1	8.8
10	4.0	8.0	30	14	22	32	16	7.2	6.3	5.8	5.6	7.0
11	11	7.5	45	13	20	30	15	7.0	6.3	5.7	5.6	6.3
12	8.0	18	100	13	19	28	15	7.0	6.3	5.7	5.5	6.5
13	6.5	25	120	12	19	26	14	7.2	6.3	5.7	5.5	9.0
14	11	20	70	12	19	25	14	7.1	6.2	5.7	5.4	7.0
15	16	16	45	13	19	23	18	7.1	9.8	5.7	5.4	6.3
16	12	50	35	13	26	22	16	7.0	8.8	5.7	5.4	5.9
17	9.0	40	28	20	21	21	15	7.2	8.0	5.7	5.4	5.7
18	7.0	25	24	78	20	20	14	6.8	14	5.6	5.4	5.5
19	6.0	13	21	259	20	25	13	6.7	8.2	5.6	5.4	5.5
20	5.5	100	19	94	19	30	12	6.6	9.5	5.6	5.3	5.6
21	5.2	60	18	48	19	25	12	6.7	9.1	5.5	5.2	5.5
22	4.8	30	17	240	32	22	12	6.6	6.8	5.5	5.2	5.2
23	4.6	25	16	102	30	20	11	6.4	6.6	5.5	5.2	5.0
24	5.4	20	70	52	24	19	11	6.4	6.4	5.5	5.2	4.6
25	7.0	25	150	46	21	54	10	6.4	6.3	5.5	5.2	3.9
26	11	35	60	41	21	28	9.9	6.3	6.5	5.4	5.2	3.9
27	15	50	35	33	103	24	9.7	6.3	6.3	5.5	5.2	3.8
28	12	30	25	28	165	38	9.5	6.3	6.2	5.4	5.2	3.9
29	10	21	22	25	---	25	9.2	6.3	6.1	5.4	5.2	4.1
30	9.0	40	20	23	---	70	8.8	6.3	6.0	5.4	5.1	4.8
31	7.0	---	19	22	---	85	---	6.3	---	5.2	6.5	---
TOTAL	216.5	800.0	1331	1572	876	1128	480.1	227.1	221.6	179.9	193.6	185.2
MEAN	6.98	26.7	42.9	50.7	31.3	36.4	16.0	7.33	7.39	5.80	6.25	6.17
MAX	16	100	150	259	165	154	34	14	14	7.8	19	11
MIN	2.0	7.5	15	12	19	19	8.8	6.3	6.0	5.2	5.1	3.8

CAL YR 1986 TOTAL 4367.5 MEAN 12.0 MAX 150 MIN .98
WTR YR 1987 TOTAL 7410.9 MEAN 20.3 MAX 259 MIN 2.0

02197000 SAVANNAH RIVER AT AUGUSTA, GA

LOCATION.--Lat 33°22'25'', long 81°56'35'', Richmond County, Hydrologic Unit 03060106, at New Savannah Bluff lock and dam, 0.2 mi upstream from Butler Creek, 12.0 mi downstream from Augusta, and at mile 187.4.

DRAINAGE AREA.--7,508 mi^2, including that of Butler Creek.

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharges only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1888, 1896-99, 1902-03, 1906-07, and 1932 (M).

GAGE.--Water-stage recorder. Datum of gage is 96.58 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording 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 fair. Flow regulated by Clark Hill Lake (see sta 02194500), Hartwell Lake, Richard B. Russell Lake, and by other powerplants above station.

AVERAGE DISCHARGE.--80 years (water years 1884-91, 1897-1906, 1926-87), 10,084 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, 29,200 ft^3/s, Mar. 6, gage height, 18.98 ft; minimum daily, 3,790 ft^3/s, Nov. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6600	3790	5720	6270	7180	20600	14900	6600	4550	6810	5620	6280
2	7210	3860	8070	13700	7260	22000	9420	6180	4940	6000	6140	7050
3	7040	3870	8200	13800	7070	23000	7440	6000	5430	6120	6900	10100
4	5490	3980	7250	8630	6970	23200	9860	5780	5480	6280	7650	9290
5	4680	4140	6440	4660	7690	26200	9510	6000	5150	5880	9010	7240
6	4430	4160	5500	5150	9530	26800	10200	6190	4740	5740	9350	5650
7	4010	4180	4750	4820	9420	24600	14400	5850	4490	5850	9410	5660
8	4020	4400	4260	4510	9980	21000	14600	5480	4600	6350	7990	9470
9	4160	4400	4070	4500	11500	20600	15000	5410	4860	6990	7400	11900
10	4970	4450	4230	4500	16600	23300	14700	5410	4950	7270	7160	11400
11	4480	4450	5240	4200	15700	23300	13100	5420	4850	5690	8860	10700
12	4090	4450	4950	4050	16200	22400	8950	6100	4820	5840	8520	7430
13	4100	4450	8000	4510	15700	17000	8560	6880	5170	5580	7740	6160
14	4290	4400	6870	4620	14200	12200	13500	6480	5130	5610	9140	8160
15	4070	4250	5380	5440	7340	8060	15100	6600	5320	5860	9100	13900
16	4110	4310	4770	4920	7500	7190	15300	6290	5510	5930	7000	12400
17	4250	4330	4620	4470	13400	10700	13000	5860	5660	6020	6910	13000
18	4320	4350	4530	5540	12900	11500	10100	5510	6140	6150	10800	13500
19	4110	4360	4530	11100	11500	11100	6970	6100	6200	5980	13600	11900
20	4190	4570	4350	19600	11400	11200	6390	6280	6390	6400	11900	7070
21	4130	6630	4300	17800	10200	10300	6320	5640	6130	6010	9470	7380
22	4110	5990	4170	13400	7150	6940	9250	5150	5820	5740	9610	9580
23	4020	4960	4280	19800	6460	7260	9880	4810	5470	6420	7170	9120
24	4210	4690	4710	18300	9890	7840	7920	4610	5320	7080	7340	9380
25	4340	4250	8100	9370	10200	9090	5900	4520	6220	6020	9730	10200
26	3990	4420	9860	6590	10400	10800	5200	4820	6000	5430	10800	11500
27	4010	4760	7040	9210	11200	10800	5210	5310	5220	5400	11600	7340
28	4250	4930	5030	7980	13800	9800	5700	5140	4950	6340	11400	7840
29	4350	5570	4250	6320	---	9420	5930	5000	5000	6320	9530	10400
30	4080	5480	4220	6120	---	10800	5800	4790	6090	7100	6260	12200
31	3830	---	4250	5450	---	15100	---	4610	---	6010	5680	---
TOTAL	139940	136830	171940	259330	298340	474100	298110	174820	160600	190220	268790	283200
MEAN	4514	4561	5546	8365	10650	15290	9937	5639	5353	6136	8671	9440
MAX	7210	6630	9860	19800	16600	26800	15300	6880	6390	7270	13600	13900
MIN	3830	3790	4070	4050	6460	6940	5200	4520	4490	5400	5620	5650

CAL YR 1986 TOTAL 2121260 MEAN 5812 MAX 15000 MIN 3790
WTR YR 1987 TOTAL 2856220 MEAN 7825 MAX 26800 MIN 3790

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC
(Hydrologic bench-mark station and radiochemical program station)

LOCATION.--Lat 33°23'05'', long 81°37s 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 (Revised) above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--21 years, 106 ft^3/s, 16.55 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 472 ft^3/s, Jun. 13, 1983, gage height, 8.13 ft; minimum, 49 ft^3/s, Jul. 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)
Jan. 19	1300	322	7.22	Mar. 1	0700	*370	*7.60
Jan. 22	1300	303	7.08	Jul. 12	0200	265	6.77

Minimum discharge, 59 ft^3/s, Aug. 23, 24, 29; minimum gage height, 4.80 ft, Oct. 6,7.

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	67	96	135	193	95	316	127	89	78	112	87	100
2	66	98	127	135	100	202	118	87	77	94	122	81
3	65	85	114	106	103	150	119	85	79	119	98	75
4	68	80	99	96	95	129	115	87	89	133	90	74
5	65	78	92	91	91	123	109	115	109	109	86	91
6	63	77	88	87	101	113	108	97	88	97	83	118
7	66	79	87	86	161	109	106	92	81	93	97	129
8	81	77	86	85	124	130	107	90	78	89	92	126
9	101	77	87	83	104	127	103	86	76	87	85	92
10	155	75	121	84	96	114	102	84	74	85	83	81
11	121	90	121	82	93	110	101	86	76	101	143	76
12	88	104	129	80	91	106	101	90	78	176	104	112
13	82	88	115	81	90	107	100	93	86	119	89	177
14	98	109	96	79	89	104	100	103	133	108	83	99
15	85	92	92	81	88	102	110	95	123	96	80	85
16	80	91	91	86	139	101	105	95	104	90	89	81
17	76	87	88	108	118	99	104	110	126	89	82	79
18	74	151	88	141	102	100	107	91	103	87	75	79
19	73	124	86	257	95	146	102	86	174	86	72	79
20	72	95	85	182	91	125	99	91	115	84	72	83
21	73	89	83	126	90	111	97	87	99	83	69	78
22	72	88	82	253	102	104	96	86	96	83	67	75
23	72	97	87	181	108	101	95	83	96	83	65	74
24	71	102	137	132	94	100	94	82	91	83	65	75
25	82	102	114	128	91	128	93	80	106	84	68	74
26	82	102	94	131	91	126	93	79	140	80	67	74
27	77	98	91	118	158	118	99	78	132	90	68	74
28	74	90	86	108	219	137	95	83	98	116	65	75
29	74	87	85	102	---	134	92	79	89	95	64	76
30	73	139	83	100	---	180	90	78	97	92	68	92
31	77	---	82	96	---	155	---	82	---	89	72	---
TOTAL	2473	2847	3051	3698	3019	4007	3087	2749	2991	3032	2550	2684
MEAN	79.8	94.9	98.4	119	108	129	103	88.7	99.7	97.8	82.3	89.5
MAX	155	151	137	257	219	316	127	115	174	176	143	177
MIN	63	75	82	79	88	99	90	78	74	80	64	74

CAL YR 1986 TOTAL 32944 MEAN 90.3 MAX 217 MIN 63
WTR YR 1987 TOTAL 36188 MEAN 99.1 MAX 316 MIN 63

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
07...	0900	81	12	5.70	18.5	1.5	776	8.0	84	K6900	990	3
FEB												
27...	1000	135	16	5.40	10.5	2.2	776	10.4	91	260	2900	3
JUN												
02...	1730	76	13	5.90	21.5	1.7	760	7.9	90	240	400	2
AUG												
28...	1500	67	13	5.70	21.5	0.60	764	7.8	88	210	260	3

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV											
07...	0	0.70	0.40	1.9	51	0.5	0.50	2.0	3.8	2.1	<0.10
FEB											
27...	0	0.70	0.40	1.6	48	0.4	0.30	2.0	4.4	2.2	<0.10
JUN											
02...	0	0.50	0.30	1.6	43	0.5	1.7	3.0	4.0	1.8	<0.10
AUG											
28...	0	0.55	0.34	2.3	53	0.6	1.3	2.0	1.8	1.9	0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
07...	7.4	23	19	0.03	5.0	0.230	0.010	0.01	0.50	<0.010	<0.010
FEB											
27...	6.4	14	20	0.02	5.1	0.210	0.040	0.05	0.70	0.020	0.010
JUN											
02...	7.1	20	20	0.03	4.1	0.280	0.040	0.05	0.50	0.030	0.030
AUG											
28...	7.4	17	18	0.02	3.1	0.190	<0.010	--	0.60	0.020	0.010

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV											
07...	<0.010	--	20	<1	<2	<0.5	<1	<1	<3	2	150
FEB											
27...	0.020	0.06	70	<1	<2	<0.5	<1	<1	<3	1	110
JUN											
02...	0.030	0.09	20	<1	<2	2	<1	3	<3	<1	110
AUG											
28...	0.020	0.06	20	<1	2	<0.5	<1	<1	<3	<1	130

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, SC--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--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)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV 07...	<5	<4	4	<0.1	<10	<1	<1	<1	5	<6	6
FEB 27...	<5	<4	11	0.2	<10	4	<1	<1	5	<6	<3
JUN 02...	<5	<4	7	<0.1	<10	<1	<1	<1	5	<6	5
AUG 28...	<5	<4	8	<0.1	<10	<1	<1	<1	4	<6	3

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV 07...	6	1.3	53	3.3	<0.4	1.1	1.0	1.1	1.0	0.93	0.02
FEB 27...	8	2.9	96	--	--	--	--	--	--	--	--
JUN 02...	6	1.2	65	4.6	1.3	0.9	0.7	0.8	0.7	1.1	0.01
AUG 28...	3	0.54	85	--	--	--	--	--	--	--	--

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), 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.--Estimated daily discharges: Oct. 9-13, Nov. 19-20, Dec. 8,24, Jan. 1, 18-25, Feb. 28, Mar. 1, 28, Apr. 15, May 14, 16, 27, Jun. 13, 18, Jul. 4, 11-12, 27, Aug. 10, Sept. 12. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jul. 16, 1985, gage height, 1.63 ft; no flow for part of Oct. 9, 13, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 27, gage height, 1.49 ft; no flow for part of Oct. 9, 13.

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	.11	.05	.18	.84	.18	.39	.22	.22	.07	.10	.09	.06
2	.12	.05	.13	.26	.22	.23	.23	.18	.09	.12	.07	.06
3	.12	.05	.07	.25	.13	.23	.26	.18	.10	.14	.06	.05
4	.12	.05	.07	.26	.15	.25	.23	.25	.10	.15	.06	.05
5	.12	.05	.08	.28	.20	.25	.23	.20	.09	.09	.12	.06
6	.12	.07	.14	.21	.30	.26	.26	.18	.12	.09	.09	.07
7	.12	.13	.13	.16	.50	.27	.25	.18	.10	.09	.09	.09
8	.19	.05	.14	.15	.28	.43	.19	.16	.10	.09	.05	.03
9	.29	.04	.20	.15	.29	.24	.29	.18	.10	.09	.05	.02
10	2.0	.10	.16	.14	.29	.20	.18	.18	.09	.09	.10	.02
11	1.7	.11	.24	.14	.29	.19	.15	.18	.10	.18	.08	.04
12	1.6	.10	.23	.14	.30	.21	.18	.22	.11	.13	.05	.16
13	.19	.10	.15	.15	.33	.23	.17	.17	.18	.08	.05	.03
14	.02	.09	.15	.15	.32	.23	.15	.23	.21	.08	.05	.05
15	.02	.16	.15	.15	.30	.23	.17	.16	.09	.07	.05	.03
16	.02	.09	.15	.27	.52	.22	.14	.23	.08	.07	.08	.04
17	.02	.12	.15	.17	.29	.23	.26	.15	.09	.07	.06	.03
18	.02	.08	.15	.50	.28	.29	.16	.15	.11	.08	.05	.02
19	.02	.09	.15	.60	.23	.44	.15	.14	.11	.10	.06	.03
20	.02	.28	.15	.23	.23	.25	.16	.16	.06	.19	.05	.02
21	.02	.09	.15	.28	.23	.24	.18	.15	.06	.10	.05	.03
22	.02	.09	.15	.60	.40	.26	.18	.15	.06	.08	.06	.05
23	.02	.11	.16	.18	.25	.25	.18	.15	.07	.08	.07	.05
24	.02	.12	.19	.15	.22	.23	.18	.15	.05	.11	.07	.05
25	.04	.12	.07	.18	.23	.39	.18	.19	.12	.12	.06	.05
26	.05	.11	.07	.18	.32	.23	.18	.21	.07	.09	.06	.05
27	.05	.08	.07	.19	.61	.23	.19	.18	.06	.14	.06	.05
28	.05	.07	.12	.18	.60	.28	.19	.14	.05	.08	.05	.05
29	.05	.07	.28	.18	---	.35	.19	.12	.07	.07	.08	.05
30	.05	.23	.31	.15	---	.33	.21	.11	.07	.06	.06	.09
31	.05	---	.32	.08	---	.26	---	.10	---	.06	.09	---
TOTAL	7.36	2.95	4.86	7.55	8.49	8.32	5.89	5.35	2.78	3.09	2.07	1.48
MEAN	.24	.10	.16	.24	.30	.27	.20	.17	.09	.10	.07	.05
MAX	2.0	.28	.32	.84	.61	.44	.29	.25	.21	.19	.12	.16
MIN	.02	.04	.07	.08	.13	.19	.14	.10	.05	.06	.05	.02

CAL YR 1986 TOTAL 75.55 MEAN .21 MAX 2.0 MIN .02
WTR YR 1987 TOTAL 60.19 MEAN .16 MAX 2.0 MIN .02

021973028 A-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°20'10'', long 81°43'53'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on left downstream culvert wingwall, 1000 ft northeast of Road D, and 0.5 mi southeast of Road 1-A.

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

GAGE.--Water-stage recorder. Elevation of gage is 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 1, 9, 10, Nov. 20, 25, 30, Dec. 9, 10, 24, Jan. 1, 14, 18,19, 21, 22, Feb. 6, 7, 16, 18, 27, 28, Mar. 1, 8,19, 25, 28-30, Apr. 12, 15, May 1, 13, 14, 16, 27, Jun. 6, 10, 13-15, 18, 25, Jul. 4, 11, 12, 27, Aug. 7, 10, 29, Sept. 9, 12, 30. Records fair, except those above 3.3 ft^3/s, which are undefined. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, May 3, 1984, gage height, 1.98 ft; minimum daily, less than 0.01 ft^3/s Mar. 5, 1985, many days in Jul.-Sept, and Nov. 29, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 27, gage height, 1.80 ft; minimum daily, less than 0.01 ft^3/s, Nov. 29.

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	.08	.07	.36	2.2	.06	2.3	.05	.14	.06	.08	.10	.06
2	.09	.07	.40	.06	.15	.08	.05	.05	.06	.10	.05	.06
3	.07	.06	.05	.05	.06	.06	.10	.05	.06	.15	.05	.06
4	.08	.04	.05	.05	.07	.05	.32	.17	.08	.26	.05	.05
5	.07	.04	.05	.05	.12	.05	.05	.07	.08	.05	.05	.07
6	.07	.05	.05	.06	.64	.06	.05	.06	.40	.05	.09	.15
7	.07	.06	.05	.05	.96	.05	.05	.07	.06	.05	.28	.53
8	.10	.08	.05	.05	.06	1.2	.05	.07	.06	.07	.05	.05
9	1.2	.32	.25	.05	.06	.10	.05	.52	.06	.06	.35	.04
10	1.1	.06	.75	.05	.06	.05	.05	.08	.59	.07	1.2	.04
11	.03	.05	.55	.05	.06	.06	.40	.10	.06	.71	.20	.04
12	.06	.13	.59	.05	.06	.05	.72	.14	.06	.53	.06	1.4
13	.09	.05	.06	.05	.06	.10	.07	.58	.43	.08	.06	.07
14	.07	.06	.05	.68	.05	.05	.06	1.1	.66	.06	.04	.05
15	.19	.28	.05	.06	.47	.05	.60	.09	.18	.07	.03	.04
16	.12	.10	.05	.29	.89	.06	.05	.73	.13	.70	.33	.17
17	.11	.24	.05	.48	.08	.07	.04	.12	.08	.08	.05	.05
18	.09	.72	.05	1.7	.50	.13	.06	.07	1.0	.06	.05	.04
19	.11	.06	.04	2.3	.06	.79	.05	.08	.26	.36	.29	.08
20	.12	1.4	.46	.07	.05	.05	.05	.07	.06	.05	.04	.04
21	.09	.08	.08	.41	.05	.05	.06	.07	.16	.06	.04	.05
22	.09	.06	.09	2.2	.40	.05	.07	.07	.07	.07	.10	.05
23	.08	.05	.24	.07	.06	.05	.08	.07	.11	.07	.04	.05
24	.07	.21	1.5	.09	.05	.05	.07	.07	.08	.07	.04	.05
25	.08	.26	.06	.33	.05	.60	.04	.06	.49	.40	.04	.05
26	.08	.14	.05	.07	.27	.05	.04	.07	.15	.05	.04	.05
27	.10	.03	.05	.07	1.6	.07	.05	.25	.06	2.0	.16	.05
28	.09	.02	.05	.06	2.1	.67	.06	.08	.05	.11	.06	.05
29	.08	.01	.05	.05	---	.62	.05	.06	.07	.05	.14	.16
30	.07	.75	.05	.06	---	.59	.06	.43	.07	.05	.07	.55
31	.09	---	.09	.05	---	.19	---	.06	---	.04	.11	---
TOTAL	4.84	5.55	6.32	11.86	9.10	8.40	3.50	5.65	5.74	6.61	4.26	4.20
MEAN	.16	.18	.20	.38	.32	.27	.12	.18	.19	.21	.14	.14
MAX	1.2	1.4	1.5	2.3	2.1	2.3	.72	1.1	1.0	2.0	1.2	1.4
MIN	.03	.01	.04	.05	.05	.05	.04	.05	.05	.04	.03	.04

CAL YR 1986 TOTAL 54.04 MEAN .15 MAX 5.2 MIN .00
WTR YR 1987 TOTAL 76.03 MEAN .21 MAX 2.3 MIN .01

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, at Savannah River Plant, on right upstream end of metal culvert, 30 ft northeast of SRP Road C and 300 ft northwest of Upper Three Runs Creek.

DRAINAGE AREA.--17.5 mi^2.

PERIOD OF RECORD.--March 1974 to November 1982, May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Jan. 28-29 and Feb. 23-24, which are fair. Flow regulated by Savannah River Plant operations 5 mi upstream.

AVERAGE DISCHARGE.-- 11 years, 5.72 ft^3/s, 4.44 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, 63 ft^3/s, Mar. 1, gage height, 5.16 ft; minimum daily, 3.0 ft^3/s, Sept. 25.

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	3.7	5.0	9.3	22	6.9	45	8.7	5.2	4.3	5.4	4.6	5.0
2	3.5	5.0	10	14	7.9	17	7.7	5.6	4.3	4.9	6.0	4.4
3	3.4	4.4	8.9	9.5	7.8	11	7.9	5.0	4.3	6.3	5.3	4.2
4	3.3	5.2	7.0	8.1	7.2	9.2	7.7	4.9	4.4	5.4	5.0	4.1
5	3.2	4.9	6.3	6.9	6.7	8.5	7.0	5.9	5.0	5.9	4.5	5.0
6	3.2	4.5	5.9	6.2	8.7	7.8	6.7	5.2	4.5	5.1	4.4	5.4
7	3.1	4.0	5.6	5.8	19	7.7	6.6	5.1	4.4	5.1	5.5	6.3
8	3.1	3.9	5.5	5.6	12	15	6.2	5.1	4.0	4.7	5.0	7.6
9	3.4	3.8	6.0	5.3	9.1	12	7.1	4.5	4.1	4.4	6.0	5.0
10	11	3.7	9.5	5.4	8.1	9.0	6.7	4.3	4.0	3.8	6.0	4.5
11	8.0	3.7	9.9	5.3	7.6	7.6	6.5	4.6	4.2	7.1	15	4.3
12	4.8	3.9	10	5.2	7.2	7.5	6.3	5.6	4.1	14	7.2	6.7
13	4.2	4.1	8.3	5.1	6.8	7.4	5.9	6.0	4.7	8.3	5.5	13
14	3.9	3.9	6.1	5.1	6.7	7.0	5.8	8.4	13	5.7	4.9	6.3
15	4.0	5.6	6.1	5.6	6.6	6.8	7.3	8.6	7.9	5.2	4.6	5.3
16	4.0	4.8	5.7	5.8	14	6.7	6.8	7.2	7.7	4.9	4.8	4.8
17	4.0	5.9	5.9	7.7	9.8	6.7	6.4	20	7.3	5.0	4.7	4.8
18	3.8	5.5	5.9	13	8.6	6.5	6.3	8.1	6.6	4.3	4.5	4.5
19	3.7	5.2	5.8	27	7.6	13	6.1	6.3	17	4.1	4.2	4.2
20	3.5	13	5.8	18	6.9	8.8	5.9	5.7	7.8	4.1	4.3	3.9
21	3.6	10	5.5	11	6.9	7.9	5.9	5.7	5.6	3.9	4.0	3.4
22	3.6	6.3	5.3	31	8.0	7.4	5.9	5.7	5.6	3.8	3.9	3.3
23	3.6	5.4	6.3	18	8.0	6.7	5.8	5.6	6.0	3.5	3.8	3.3
24	3.7	5.1	15	11	6.4	6.6	5.9	5.3	5.5	3.9	3.9	3.2
25	4.2	6.1	9.8	11	6.5	9.4	6.0	4.9	5.3	4.1	4.1	3.0
26	4.3	6.7	7.4	11	6.7	8.4	5.7	4.8	6.8	4.0	3.9	3.1
27	3.7	5.5	6.3	10	14	7.5	5.4	4.7	6.3	4.7	3.9	3.2
28	3.7	5.0	5.8	9.8	21	10	5.6	5.4	5.3	13	3.8	3.2
29	3.7	4.9	5.6	8.8	---	9.5	5.7	4.9	4.8	6.6	3.6	3.2
30	3.7	9.9	5.5	8.6	---	19	5.4	4.7	5.0	5.6	4.1	7.9
31	4.0	---	5.4	7.7	---	13	---	4.1	---	4.9	4.3	---
TOTAL	126.6	164.9	221.4	324.5	252.7	325.6	192.9	187.1	179.8	171.7	155.3	146.1
MEAN	4.08	5.50	7.14	10.5	9.02	10.5	6.43	6.04	5.99	5.54	5.01	4.87
MAX	11	13	15	31	21	45	8.7	20	17	14	15	13
MIN	3.1	3.7	5.3	5.1	6.4	6.5	5.4	4.1	4.0	3.5	3.6	3.0

CAL YR 1986 TOTAL 1891.9 MEAN 5.18 MAX 32 MIN 2.6
WTR YR 1987 TOTAL 2448.6 MEAN 6.71 MAX 45 MIN 3.0

02197310 UPPER THREE RUNS ABOVE ROAD C AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°17'08'', long 81°41'40'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, on right bank 100 ft upstream of SRP Road C, 2.0 mi east of SRP Road 2.

DRAINAGE AREA.--176 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records good, except for estimated daily discharges: Jul. 9 to Aug. 3 which are poor.

AVERAGE DISCHARGE.--13 years, 204 ft^3/s, 15.75 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 Jul. 21, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 891 ft^3/s, Mar. 1, gage height, 6.12 ft; minimum daily 115 ft^3/s Oct 7.

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	137	179	351	356	212	814	315	164	143	182	140	164
2	128	208	317	472	216	686	251	166	140	156	200	167
3	124	188	279	308	234	404	240	162	137	270	220	153
4	122	168	226	221	220	297	249	159	144	280	167	148
5	121	159	196	202	209	272	233	187	165	285	152	163
6	117	153	184	191	228	256	221	196	172	230	144	206
7	115	151	178	186	348	245	216	176	149	190	146	320
8	122	149	178	183	359	309	213	168	139	170	156	311
9	145	149	176	180	261	329	211	160	136	145	163	223
10	277	167	236	183	226	277	206	155	133	140	148	176
11	352	161	274	184	215	248	203	153	132	155	290	160
12	243	168	296	178	209	237	202	160	133	340	245	200
13	173	204	296	176	208	234	200	175	138	390	177	402
14	165	193	228	175	205	228	198	226	236	295	156	361
15	168	207	197	177	201	223	214	237	249	220	147	198
16	152	198	188	188	285	220	225	195	231	170	188	173
17	145	188	181	238	375	217	213	373	242	150	170	164
18	140	181	180	309	288	215	214	299	217	145	155	159
19	137	179	180	504	233	311	212	188	310	140	143	155
20	135	312	176	576	217	350	200	169	359	135	141	166
21	134	351	173	376	210	266	193	166	230	130	138	157
22	134	330	171	519	222	231	187	166	183	130	134	148
23	133	214	179	618	260	218	183	162	179	135	130	144
24	134	184	269	393	232	212	183	158	174	130	128	143
25	144	183	304	289	213	241	181	152	176	140	134	141
26	163	197	225	314	209	295	180	149	255	145	132	139
27	155	184	194	286	295	256	177	146	243	135	134	139
28	147	177	182	251	488	268	179	184	191	160	131	140
29	142	237	175	232	---	281	172	161	160	170	129	143
30	143	333	172	226	---	377	168	150	153	150	129	196
31	148	---	170	221	---	415	---	146	---	145	142	---
TOTAL	4795	6052	6731	8912	7078	9432	6239	5608	5649	5758	4909	5659
MEAN	155	202	217	287	253	304	208	181	188	186	158	189
MAX	352	351	351	618	488	814	315	373	359	390	290	402
MIN	115	149	170	175	201	212	168	146	132	130	128	139

CAL YR 1986 TOTAL 60847 MEAN 167 MAX 668 MIN 90
WTR YR 1987 TOTAL 76822 MEAN 210 MAX 814 MIN 115

02197315 UPPER THREE RUNS AT ROAD A AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'20'', long 81°44'42'', Aiken County, Hydrologic Unit 03060106, at Savannah River Plant, near right bank on downstream side of bridge at SRP Road A, 2.0 mi south of SRP Road 2.

DRAINAGE AREA.--203 mi^2.

PERIOD OF RECORD.--June 1974 to January 1978, October 1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

AVERAGE DISCHARGE.--12 years, 250 ft^3/s, 16.72 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, Jul. 21, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 869 ft^3/s, Mar. 1, gage height, 6.03 ft; minimum daily, 110 ft^3/s, Oct. 7.

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	139	189	367	319	237	787	430	191	159	194	161	173
2	129	231	399	496	234	798	326	191	153	203	225	184
3	123	223	346	466	252	573	294	188	149	253	246	166
4	119	192	293	288	245	401	299	182	154	314	193	158
5	117	177	240	246	225	350	290	206	174	319	170	169
6	113	173	217	228	236	337	272	231	192	263	158	207
7	110	170	207	219	337	332	264	210	170	219	158	281
8	118	170	205	215	409	361	258	197	152	194	169	364
9	139	169	202	210	334	409	256	187	145	177	177	296
10	252	167	253	209	257	368	250	178	142	167	164	206
11	348	164	310	211	237	324	244	174	139	184	287	176
12	336	163	334	204	228	307	242	180	141	370	302	186
13	202	177	356	199	224	298	240	203	145	419	211	353
14	180	184	307	198	223	281	237	249	242	321	176	438
15	183	189	241	199	219	270	248	313	288	244	162	286
16	166	230	222	210	275	265	271	245	278	196	193	195
17	155	235	214	261	387	261	261	317	278	176	196	180
18	149	237	211	320	381	257	255	402	268	167	172	173
19	145	215	212	477	278	320	256	253	305	162	156	167
20	142	263	205	622	249	408	242	199	379	157	150	177
21	141	384	199	541	238	362	232	193	335	154	148	172
22	140	372	194	511	245	290	224	192	222	151	140	158
23	139	245	202	663	287	267	217	187	208	149	136	151
24	138	210	281	554	280	256	215	181	203	149	134	150
25	146	229	358	369	248	272	216	173	191	163	138	144
26	173	267	309	350	239	332	213	167	260	171	136	142
27	167	258	236	346	298	330	208	162	299	159	139	141
28	157	229	217	303	473	307	210	199	237	187	135	142
29	150	212	204	272	---	331	202	188	188	194	132	143
30	150	247	199	257	---	399	196	168	172	174	129	190
31	154	---	196	249	---	481	---	161	---	167	143	---
TOTAL	5020	6571	7936	10212	7775	11334	7568	6467	6368	6517	5336	6068
MEAN	162	219	256	329	278	366	252	209	212	210	172	202
MAX	348	384	399	663	473	798	430	402	379	419	302	438
MIN	110	163	194	198	219	256	196	161	139	149	129	141

CAL YR 1986 TOTAL 66624 MEAN 183 MAX 658 MIN 86
WTR YR 1987 TOTAL 87172 MEAN 239 MAX 798 MIN 110

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 Clark Hill 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, undetermined, Mar. 7, gage height, 18.35 ft; minimum daily, 4,120 ft^3/s, Nov. 1.

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	5590	4120	5770	5080	6870	17600	16400	6280	4650	6410	5870	6200
2	7010	4200	6650	10800	7780	20200	14800	6670	4720	6390	6090	6980
3	7260	4240	9490	15300	8090	21300	9730	6490	5060	6000	6700	8370
4	6640	4210	8020	12900	7680	21800	9640	6270	5540	6280	7360	10500
5	5360	4170	7450	7800	7480	21900	10500	6210	5370	6240	8540	8790
6	4880	4190	6220	5490	9470	---	9920	6530	5070	5860	9380	6740
7	4580	4180	5530	5590	10500	---	13400	6530	4750	5870	9480	5980
8	4310	4280	4890	5240	11200	---	15100	6070	4730	6090	8530	7350
9	4370	4240	4580	5370	11100	21800	15800	5800	4910	6630	7970	11500
10	4770	4220	4640	5380	15200	21300	16100	5710	5000	7230	7420	12200
11	5240	4320	4980	4960	16700	21500	15800	5670	4970	6710	8300	12000
12	4850	4370	5980	4810	17000	21700	12800	5800	4830	5900	9500	10200
13	4720	4500	6520	4890	17200	21300	9110	6600	4890	6060	8090	7510
14	4620	4460	8390	4690	17000	19300	11900	6850	5260	5850	8840	7220
15	4650	4390	6490	5180	13400	14900	14900	7030	5380	5870	9460	11800
16	4510	4370	5470	5490	8850	9980	16000	6750	5590	5980	8120	13700
17	4520	4470	5060	5220	12100	10300	15900	6400	5690	6050	6800	13400
18	4530	4400	4870	5290	14600	12100	13900	6080	6020	6150	9340	14000
19	4630	4260	4830	8800	13700	12600	9620	5880	6480	6170	12500	14000
20	4550	4430	4770	15900	13000	12300	7450	6490	6590	6040	13200	10500
21	4550	4980	4650	18700	12200	12100	6860	6120	6530	6770	11100	7110
22	4540	7230	4540	18500	9590	9710	7920	5560	6190	5680	9780	9320
23	4510	5570	4500	18100	7750	7570	10300	5200	5710	6010	8860	9860
24	4480	4870	4820	19700	9010	8230	9840	4920	5470	6810	6770	9450
25	4480	4580	5860	18000	10900	9120	7250	4760	5660	6760	9400	10300
26	4470	4440	10400	12300	11100	10600	5910	4730	6210	5790	10600	11900
27	4450	4560	8920	10100	11600	12000	5560	5150	5900	5460	11600	9840
28	4440	4850	6910	10300	13600	11500	5680	5300	5390	5890	12200	7340
29	4460	4920	5050	7880	---	9930	6070	5140	5110	6410	11200	10000
30	4430	5450	4690	7200	---	11500	6130	5010	5340	6850	7930	11700
31	4230	---	4630	6410	---	13600	---	4790	---	6640	6250	---
TOTAL	150630	137470	185570	291370	324670	---	330290	182790	163010	192850	277180	295760
MEAN	4859	4582	5986	9399	11600	---	11010	5896	5434	6221	8941	9859
MAX	7260	7230	10400	19700	17200	---	16400	7030	6590	7230	13200	14000
MIN	4230	4120	4500	4690	6870	---	5560	4730	4650	5460	5870	5980

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, 26.5°C, Jul. 21, 1981; minimum, 4.3°C, Jan. 12, 1982.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.0°C, Oct. 1 , 2; minimum, 6.5°C, Jan. 25.

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

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

02197320 SAVANNAH RIVER NEAR JACKSON, SC--Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	2.0	22.0	22.0	23.0	22.5	23.0	22.5	22.0	22.0	22.0	21.5	22.0
2	22.5	22.0	22.5	23.0	22.0	22.5	22.5	22.5	22.5	22.5	22.0	22.0
3	22.5	22.0	22.5	22.5	22.0	22.5	23.0	22.5	23.0	22.5	21.5	22.0
4	22.0	21.5	22.0	22.5	22.5	22.5	23.0	22.5	23.0	21.5	20.5	21.0
5	21.5	21.0	21.5	22.5	22.0	22.5	23.0	22.5	22.5	20.5	20.5	20.5
6	21.5	21.0	21.5	22.5	22.0	22.5	22.0	22.0	22.0	20.5	20.0	20.5
7	22.0	21.5	21.5	23.0	22.5	22.5	21.5	21.5	21.5	21.0	20.5	20.5
8	23.0	21.5	22.5	23.5	23.0	23.0	22.0	21.5	21.5	21.5	21.0	21.5
9	23.5	23.0	23.0	23.5	23.0	23.5	22.0	21.5	21.5	21.5	21.0	21.5
10	23.5	22.5	23.0	23.0	22.5	22.5	23.0	21.5	22.0	21.0	21.0	21.0
11	23.0	22.5	22.5	23.0	22.0	22.5	23.0	22.5	23.0	21.5	21.0	21.0
12	23.0	22.5	22.5	23.0	22.5	22.5	23.0	22.0	23.0	21.5	21.0	21.5
13	23.0	22.0	22.5	23.5	22.5	23.0	22.5	22.0	22.0	22.0	21.0	21.5
14	22.0	21.5	21.5	23.5	23.5	23.5	22.0	21.5	22.0	22.0	21.5	22.0
15	21.5	21.5	21.5	23.5	23.5	23.5	22.0	21.5	21.5	22.5	22.0	22.0
16	21.5	21.0	21.0	23.5	23.0	23.5	21.5	21.0	21.5	22.0	21.0	21.0
17	21.0	21.0	21.0	23.0	22.5	23.0	21.5	21.0	21.5	21.0	21.0	21.0
18	21.5	21.0	21.0	23.0	22.5	22.5	22.0	21.5	22.0	21.0	20.5	21.0
19	21.5	21.0	21.0	22.5	22.0	22.0	22.0	20.5	21.0	21.0	20.5	21.0
20	21.5	21.0	21.5	22.0	21.5	22.0	20.5	20.0	20.0	21.0	21.0	21.0
21	22.0	21.5	21.5	22.0	21.5	22.0	21.0	20.5	20.5	21.5	21.0	21.0
22	22.0	22.0	22.0	22.5	22.0	22.5	21.0	20.5	21.0	21.5	21.0	21.5
23	22.0	22.0	22.0	22.5	22.5	22.5	21.5	21.0	21.0	21.5	21.0	21.0
24	22.5	22.0	22.5	22.5	21.5	22.0	22.0	21.0	21.0	21.0	20.5	20.5
25	22.5	22.0	22.5	22.0	21.0	21.5	22.0	21.5	22.0	20.5	20.5	20.5
26	22.0	21.5	22.0	22.0	21.5	22.0	22.0	21.0	21.5	20.5	20.5	20.5
27	22.0	21.5	22.0	22.5	22.0	22.5	21.0	20.5	21.0	20.5	20.0	20.5
28	22.5	22.0	22.0	23.0	22.5	22.5	20.5	20.0	20.5	21.0	20.5	20.5
29	23.0	22.0	22.5	23.0	22.5	22.5	20.5	20.5	20.5	21.0	21.0	21.0
30	23.0	22.5	23.0	23.0	22.0	22.5	21.5	20.5	21.0	21.0	20.5	21.0
31	---	---	---	22.0	21.5	22.0	21.5	21.0	21.5	---	---	---
MONTH	23.5	21.0	22.0	23.5	21.0	22.5	23.0	20.0	21.5	22.5	20.0	21.0
YEAR	25.0	6.5	17.0									

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 wingwall 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. 9, Nov. 4, 5, 17, 20, Dec. 1, 12, 24, Jan. 1, 7, 22, 25, Feb. 6, 16, 27, 28, Mar. 1, 19, 29, 30, May 4, 14, 27, Jun. 4, 13, 16, 18, 20, Jul. 1, 6, 11, 12, 24, 27, Aug. 1, 31, Sept. 5, 12, 19, 30. Flow regulated by Savannah River Plant Operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 11, 1986, gage height, 1.66 ft; minimum daily, less than 0.01 ft^3/s, Nov. 20, 29, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 16, gage height, 1.56 ft; minimum daily, 0.02 ft^3/s, Apr. 21, Jun. 20, 21.

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	.06	.05	.06	.10	.05	.07	.05	.04	.12	.07	.05	.08
2	.05	.05	.06	.05	.06	.05	.04	.04	.07	.08	.04	.11
3	.05	.05	.06	.05	.05	.05	.04	.04	.05	.08	.03	.10
4	.05	.05	.05	.06	.05	.05	.04	.05	.06	.07	.04	.10
5	.05	.05	.04	.07	.06	.05	.04	.05	.07	.07	.04	.11
6	.05	.05	.04	.06	.08	.05	.04	.05	.11	.07	.04	.11
7	.05	.05	.04	.06	.07	.05	.04	.05	.13	.07	.04	.11
8	.05	.05	.04	.06	.05	.07	.04	.05	.13	.07	.05	.11
9	.06	.05	.05	.06	.07	.05	.04	.05	.13	.07	.05	.10
10	.05	.05	.04	.06	.07	.05	.04	.05	.13	.07	.05	.11
11	.05	.05	.05	.06	.08	.05	.04	.05	.13	.07	.05	.11
12	.05	.05	.06	.06	.07	.05	.04	.06	.12	.07	.05	.13
13	.05	.05	.04	.06	.07	.05	.04	.05	.13	.07	.05	.09
14	.05	.05	.04	.07	.07	.05	.04	.06	.11	.07	.05	.08
15	.05	.07	.04	.07	.07	.05	.05	.05	.11	.07	.05	.08
16	.05	.07	.04	.07	.08	.05	.05	.05	.11	.07	.05	.08
17	.05	.07	.04	.07	.05	.05	.05	.04	.11	.07	.05	.08
18	.05	.05	.05	.07	.05	.06	.05	.05	.11	.07	.05	.08
19	.05	.06	.04	.07	.05	.07	.05	.11	.11	.08	.05	.09
20	.05	.10	.04	.07	.05	.05	.03	.17	.02	.08	.05	.09
21	.05	.06	.04	.07	.05	.04	.02	.17	.02	.07	.05	.09
22	.05	.05	.04	.13	.06	.04	.03	.17	.03	.06	.05	.09
23	.05	.05	.05	.07	.05	.05	.05	.17	.07	.06	.05	.09
24	.05	.05	.06	.07	.05	.05	.04	.18	.06	.06	.05	.09
25	.06	.05	.05	.08	.05	.06	.04	.19	.07	.05	.06	.09
26	.05	.06	.04	.06	.06	.05	.04	.20	.07	.05	.06	.09
27	.05	.06	.04	.05	.08	.05	.04	.19	.07	.06	.06	.11
28	.05	.06	.04	.05	.08	.05	.05	.16	.07	.04	.07	.11
29	.05	.05	.04	.05	---	.06	.04	.16	.07	.04	.07	.11
30	.05	.09	.04	.05	---	.06	.04	.13	.07	.04	.07	.12
31	.06	---	.05	.05	---	.05	---	.13	---	.04	.07	---
TOTAL	1.59	1.70	1.41	2.03	1.73	1.63	1.24	3.01	2.66	2.01	1.59	2.94
MEAN	.05	.06	.05	.07	.06	.05	.04	.10	.09	.06	.05	.10
MAX	.06	.10	.06	.13	.08	.07	.05	.20	.13	.08	.07	.13
MIN	.05	.05	.04	.05	.05	.04	.02	.04	.02	.04	.03	.08

CAL YR 1986 TOTAL 26.92 MEAN .07 MAX .17 MIN .04
WTR YR 1987 TOTAL 23.54 MEAN .06 MAX .20 MIN .02

02197323 D-006 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'12'', long 81°44'38'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on downstream side of footbridge, 100 ft west of D-Area, 1.0 mi south of intersection of SRP Road 3 and A-4.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 9; Nov. 20, 30; Dec. 24; Jan 1, 18, 19, 21, 22, 30; Feb. 6, 7, 16, 27, 28; Mar. 1, 25, 30, 31; Jun. 13, 16, 18, 19; Sept. 24-30. Records fair, except for estimated daily discharges, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 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, Feb. 28, Mar. 1, gage height, 2.83 ft; minimum daily, 1.1 ft^3/s, many days Jan., Feb. and May.

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	2.3	2.1	2.6	4.6	1.1	7.1	2.5	2.0	2.1	2.0	2.4	1.8
2	2.1	2.1	2.6	1.2	1.3	2.9	2.5	2.0	2.2	2.4	2.3	1.8
3	2.1	2.0	2.3	1.2	1.1	2.3	2.6	2.0	2.2	2.7	2.0	1.7
4	2.1	1.9	2.2	1.2	1.1	2.5	2.5	2.1	2.2	2.3	2.0	1.7
5	2.1	1.9	2.1	1.2	1.2	2.0	2.5	2.1	2.2	2.3	2.0	1.8
6	2.1	2.0	2.1	1.2	1.9	1.9	2.5	1.8	2.1	2.6	2.0	1.8
7	2.0	2.0	2.2	1.2	3.9	2.0	2.4	1.2	2.0	2.7	2.0	1.7
8	2.0	2.0	2.2	1.2	1.6	3.0	2.4	1.2	2.0	2.7	2.0	1.7
9	2.7	2.0	2.3	1.1	1.4	2.1	2.3	1.1	2.0	2.6	2.0	1.7
10	2.0	2.0	2.5	1.1	1.4	1.9	2.2	2.1	2.0	2.4	2.0	1.7
11	1.9	2.1	2.6	1.1	1.6	1.8	2.2	2.0	2.0	2.0	2.1	1.7
12	1.9	2.1	3.1	1.1	1.4	1.8	2.2	2.3	2.0	2.5	2.1	2.8
13	1.9	2.1	2.1	1.1	1.3	1.8	2.3	2.4	2.7	2.2	2.0	1.9
14	1.9	2.1	2.0	1.1	1.4	1.8	2.3	2.4	2.7	2.2	2.0	1.8
15	1.8	2.1	1.8	1.1	1.6	1.9	2.6	2.3	2.0	2.1	2.0	1.7
16	1.8	2.0	1.3	1.4	4.2	1.7	2.4	2.2	2.5	2.1	2.0	1.7
17	1.9	2.4	1.3	1.2	1.9	1.7	2.4	2.2	2.0	2.1	2.0	1.7
18	1.9	2.0	1.3	2.8	1.9	1.7	2.3	2.2	2.0	2.1	2.0	1.7
19	2.0	2.0	1.2	4.0	1.6	2.8	2.2	2.1	2.7	2.1	2.0	1.8
20	2.0	4.1	1.2	1.2	1.6	2.0	2.2	2.2	1.9	2.1	1.9	1.8
21	1.9	2.0	1.2	1.5	1.6	1.8	2.2	2.2	1.8	2.0	1.8	1.7
22	1.9	1.9	1.2	5.9	2.2	1.8	2.3	2.2	2.0	2.0	1.8	1.7
23	1.9	1.9	1.4	1.5	1.9	1.7	2.3	2.2	2.1	2.0	1.8	1.7
24	1.9	1.9	2.7	1.3	1.7	1.7	2.2	2.1	2.1	2.0	1.8	1.7
25	2.0	2.0	1.2	1.7	1.6	2.6	2.1	2.2	2.1	1.9	1.8	1.7
26	2.0	2.2	1.2	1.3	2.1	1.9	2.0	2.2	2.1	2.0	1.8	1.7
27	2.0	2.1	1.2	1.4	4.2	2.4	2.0	2.2	2.0	2.1	1.8	1.6
28	2.1	2.0	1.2	1.2	4.7	2.4	2.0	2.1	1.9	2.1	1.7	1.6
29	2.1	2.1	1.2	1.2	---	2.5	2.0	2.2	1.9	2.1	1.7	1.6
30	2.0	3.3	1.2	1.7	---	3.3	2.0	2.1	1.9	2.1	1.7	1.6
31	2.1	---	1.2	1.1	---	3.1	---	2.1	---	2.1	2.4	---
TOTAL	62.4	64.4	55.9	51.1	54.5	71.9	68.6	63.7	63.4	68.6	60.9	52.6
MEAN	2.01	2.15	1.80	1.65	1.95	2.32	2.29	2.05	2.11	2.21	1.96	1.75
MAX	2.7	4.1	3.1	5.9	4.7	7.1	2.6	2.4	2.7	2.7	2.4	2.8
MIN	1.8	1.9	1.2	1.1	1.1	1.7	2.0	1.1	1.8	1.9	1.7	1.6

CAL YR 1986 TOTAL 723.7 MEAN 1.98 MAX 6.2 MIN .62
WTR YR 1987 TOTAL 738.0 MEAN 2.02 MAX 7.1 MIN 1.1

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 Road 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.--Estimated daily discharges: May 6, 7, 13, Jun. 14, 18, Aug. 31 and Sept. 12, 30. Records poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jun. 29, 1984, gage height 4.41 ft; no flow several days in Jun. and Jul. 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Aug. 31, gage height, 3.80 ft; minimum daily, 0.03 ft^3/s, May 8. 9.

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	.04	.06	.07	.09	.06	.08	.05	.04	.05	.07	.10	.13
2	.04	.06	.07	.05	.07	.07	.05	.04	.05	.08	.07	.12
3	.04	.06	.07	.06	.06	.07	.05	.04	.05	.08	.07	.11
4	.04	.06	.06	.06	.06	.07	.05	.04	.05	.07	.07	.11
5	.04	.06	.06	.06	.06	.06	.05	.04	.06	.07	.06	.11
6	.05	.06	.06	.06	.08	.06	.05	.05	.06	.08	.06	.11
7	.05	.06	.06	.06	.08	.06	.05	.06	.06	.07	.06	.10
8	.05	.06	.06	.05	.06	.08	.05	.03	.06	.07	.06	.12
9	.06	.06	.06	.05	.06	.06	.04	.03	.06	.07	.07	.14
10	.05	.06	.06	.05	.06	.06	.04	.04	.06	.07	.07	.12
11	.05	.06	.06	.06	.06	.06	.04	.04	.06	.08	.07	.11
12	.04	.06	.07	.06	.06	.06	.04	.04	.06	.08	.07	.17
13	.04	.06	.06	.06	.07	.06	.04	.05	.07	.08	.07	.11
14	.04	.07	.06	.06	.07	.06	.04	.05	.08	.07	.07	.11
15	.05	.07	.06	.06	.07	.06	.04	.04	.06	.07	.08	.11
16	.05	.07	.06	.07	.09	.06	.04	.04	.07	.07	.08	.11
17	.05	.08	.06	.06	.07	.06	.04	.04	.06	.07	.08	.10
18	.05	.06	.06	.08	.07	.06	.04	.04	.07	.07	.08	.10
19	.05	.06	.06	.08	.07	.07	.04	.05	.07	.07	.08	.11
20	.05	.09	.06	.06	.07	.06	.04	.05	.07	.07	.09	.10
21	.05	.06	.06	.07	.06	.06	.04	.05	.07	.07	.09	.10
22	.05	.06	.06	.09	.07	.05	.04	.05	.06	.08	.10	.11
23	.05	.06	.06	.06	.07	.05	.04	.05	.06	.08	.10	.11
24	.06	.06	.07	.06	.07	.05	.04	.05	.06	.08	.11	.12
25	.06	.06	.06	.07	.07	.06	.04	.05	.06	.08	.12	.12
26	.05	.07	.06	.06	.07	.05	.04	.05	.06	.08	.12	.13
27	.05	.06	.06	.06	.10	.05	.04	.05	.06	.09	.12	.13
28	.05	.07	.06	.06	.09	.05	.04	.05	.06	.09	.12	.13
29	.05	.07	.06	.06	---	.06	.04	.05	.07	.09	.12	.13
30	.05	.08	.06	.06	---	.06	.04	.05	.07	.09	.13	.12
31	.06	---	.06	.06	---	.05	---	.05	---	.08	.19	---
TOTAL	1.51	1.93	1.91	1.95	1.95	1.87	1.28	1.40	1.86	2.37	2.78	3.50
MEAN	.05	.06	.06	.06	.07	.06	.04	.05	.06	.08	.09	.12
MAX	.06	.09	.07	.09	.10	.08	.05	.06	.08	.09	.19	.17
MIN	.04	.06	.06	.05	.06	.05	.04	.03	.05	.07	.06	.10

CAL YR 1986 TOTAL 25.59 MEAN .07 MAX .21 MIN .00
WTR YR 1987 TOTAL 24.31 MEAN .07 MAX .19 MIN .03

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.

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

GAGE.--Water-stage recorder and Data collection platform. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Savannah River Plant operations 1.0 mi upstream.

AVERAGE DISCHARGE.--13 years, 86.6 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, 110 ft^3/s, Oct. 1, 2, 3, gage height, 2.36 ft; minimum daily, 69 ft^3/s, May 9.

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	109	87	81	88	89	99	87	81	91	101	90	91
2	109	87	82	86	87	93	85	81	91	102	90	91
3	109	87	82	87	84	90	84	81	92	103	90	93
4	109	85	81	86	85	90	83	80	92	101	91	95
5	107	84	82	86	85	90	83	81	92	101	91	94
6	107	83	82	84	87	88	82	81	91	101	90	93
7	107	83	80	85	92	86	85	81	91	101	90	93
8	103	80	80	84	89	88	81	81	92	100	89	93
9	102	80	80	86	87	87	80	69	90	101	89	96
10	102	80	80	86	87	87	81	81	91	101	89	103
11	100	80	81	85	88	86	81	81	91	101	89	104
12	99	82	81	85	88	86	80	83	91	102	90	106
13	99	82	80	85	89	87	78	85	92	102	91	101
14	99	83	81	85	87	86	78	85	94	102	91	99
15	98	84	80	85	86	86	80	84	92	102	92	92
16	97	84	79	85	88	85	80	84	94	101	91	77
17	98	84	79	87	86	85	80	83	93	100	90	80
18	98	85	79	92	87	85	79	83	92	101	90	92
19	99	81	80	97	86	86	77	82	95	102	92	95
20	98	84	78	96	86	85	76	83	93	103	90	101
21	100	81	79	96	88	84	78	82	93	103	91	99
22	100	79	87	105	87	83	83	83	91	102	90	99
23	100	78	86	97	86	82	83	82	91	102	91	97
24	101	77	87	95	86	82	84	80	93	102	89	94
25	100	77	86	107	87	85	82	79	103	103	90	99
26	100	75	87	93	87	84	80	80	104	102	93	94
27	100	75	86	91	92	85	80	88	103	102	91	90
28	93	77	84	91	94	84	81	101	102	101	92	90
29	86	79	83	90	---	84	81	95	101	96	91	91
30	86	81	82	89	---	86	80	92	101	103	90	93
31	87	---	82	89	---	85	---	91	---	92	91	---
TOTAL	3102	2444	2537	2783	2450	2679	2432	2583	2822	3136	2804	2835
MEAN	100	81.5	81.8	89.8	87.5	86.4	81.1	83.3	94.1	101	90.5	94.5
MAX	109	87	87	107	94	99	87	101	104	103	93	106
MIN	86	75	78	84	84	82	76	69	90	92	89	77

CAL YR 1986 TOTAL 36224 MEAN 99.2 MAX 126 MIN 75
WTR YR 1987 TOTAL 32607 MEAN 89.3 MAX 109 MIN 69

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 Jun. 3, 1985; minimum, 5.9°C Jan. 23, 1984.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C May 22,; minimum, 6.5°C Jan. 24,25, April 4.

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

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

021973265 BEAVERDAM CREEK AT MOUTH AT SAVANNAH RIVER PLANT, SC--Continued

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

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC

LOCATION.--Lat 33°08'52'', long 81°45'01'', Barnwell County, Hydrologic Unit 03060106, on right bank at confluence with Savannah River, 7.6 mi downstream from Upper Three Runs, 9.0 mi upstream from Steel Creek and at mile 150.6.

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

INSTRUMENTATION.--USGS Mini-monitor and Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 46.8°C, Aug. 22, 1983; minimum, 1.5°C, Jan. 28, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, Jun. 3, 25; minimum, 6.5°C, Jan. 3.

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

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

02197328 FOUR MILE CREEK AT MOUTH NEAR JACKSON, SC--Continued

TEMPERATURE (°C) OF WATER, 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	11.5	9.5	10.0	9.5	9.0	9.5	16.5	15.5	16.0	21.5	21.0	21.5
2	10.0	9.5	9.5	10.5	9.5	10.0	15.5	14.5	15.0	22.0	21.5	21.5
3	10.5	9.5	10.0	11.0	10.0	10.5	15.5	15.0	15.5	23.0	22.5	23.0
4	11.0	10.5	10.5	11.0	11.0	11.0	15.0	14.0	14.5	23.5	23.0	23.0
5	11.5	10.5	11.0	11.0	11.0	11.0	14.5	14.0	14.0	23.5	22.0	23.0
6	10.5	9.0	10.0	11.0	10.5	10.5	14.5	14.0	14.5	22.0	21.0	21.5
7	9.5	9.5	9.5	10.5	10.5	10.5	14.5	14.5	14.5	22.0	21.5	22.0
8	9.5	8.5	9.0	11.0	10.5	11.0	14.5	14.0	14.0	22.5	22.0	22.5
9	10.5	8.5	9.0	11.5	11.0	11.5	14.5	14.0	14.0	23.0	22.5	23.0
10	10.5	9.0	9.5	11.5	11.5	11.5	14.5	14.5	14.5	23.0	22.5	22.5
11	9.5	9.0	9.5	11.5	11.0	11.0	14.5	14.5	14.5	23.0	22.5	23.0
12	10.0	9.5	10.0	11.0	11.0	11.0	17.0	14.5	15.5	23.5	23.0	23.0
13	11.0	10.0	10.5	11.0	10.5	11.0	18.0	17.0	17.5	23.0	22.5	22.5
14	11.0	10.5	10.5	11.5	11.0	11.0	18.0	17.0	17.5	23.0	22.5	22.5
15	12.0	10.5	11.0	12.0	11.5	11.5	17.0	16.0	16.5	23.0	22.5	22.5
16	12.0	10.0	11.5	13.5	12.0	12.5	16.0	15.5	15.5	23.5	23.0	23.0
17	10.0	8.5	9.0	14.0	13.5	13.5	15.5	15.5	15.5	24.5	23.5	24.0
18	9.5	9.0	9.0	14.0	13.5	14.0	17.0	15.5	16.5	25.0	24.5	24.5
19	11.0	9.5	10.0	14.0	13.5	13.5	18.0	17.0	17.5	25.5	25.0	25.0
20	11.0	10.0	10.5	14.0	14.0	14.0	18.5	18.0	18.0	26.0	25.5	25.5
21	11.5	10.5	11.0	14.0	14.0	14.0	20.0	19.0	19.0	26.0	25.5	25.5
22	11.5	10.0	10.5	15.0	14.0	14.5	20.5	20.0	20.0	26.0	24.5	25.0
23	12.5	9.5	10.5	15.5	15.0	15.5	20.0	19.0	19.5	28.5	24.5	26.0
24	12.5	10.0	11.0	16.0	15.5	16.0	19.0	18.5	18.5	28.5	26.0	27.0
25	11.0	10.5	10.5	16.0	15.5	16.0	19.5	19.0	19.0	28.5	26.0	27.0
26	11.5	10.5	11.0	16.5	16.0	16.5	19.5	18.5	19.0	28.5	27.0	27.5
27	10.5	9.0	9.5	16.0	15.5	15.5	19.5	19.0	19.0	28.5	26.5	27.0
28	9.5	8.5	9.0	15.5	15.5	15.5	20.0	19.5	20.0	27.5	25.5	26.5
29	---	---	---	16.5	15.5	16.0	21.0	20.0	20.5	28.5	25.5	27.0
30	---	---	---	17.0	16.5	16.5	21.0	20.5	20.5	28.5	26.5	27.5
31	---	---	---	17.5	16.5	17.0	---	---	---	29.0	26.5	27.5
MONTH	12.5	8.5	10.0	17.5	9.0	13.0	21.0	14.0	17.0	29.0	21.0	24.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	29.5	27.5	28.0	28.5	25.5	27.5	27.5	23.5	25.0	24.0	22.5	23.5
2	30.0	28.0	29.0	28.0	25.0	26.0	28.0	26.0	27.0	24.0	23.0	24.0
3	30.5	28.5	29.5	29.0	27.0	28.0	27.5	25.5	27.0	23.0	22.5	23.0
4	30.0	27.5	28.5	29.0	27.0	27.5	25.0	24.0	24.5	22.5	21.5	22.0
5	28.5	26.0	27.0	29.5	27.0	28.0	24.0	23.5	23.5	21.5	21.0	21.0
6	28.0	25.5	26.5	30.0	28.5	29.0	23.5	22.5	23.0	22.0	21.0	21.0
7	27.5	26.0	26.5	29.5	27.5	28.0	22.5	22.0	22.0	23.0	22.0	22.5
8	27.5	26.5	27.0	29.5	28.5	29.0	22.0	21.5	22.0	23.5	23.0	23.5
9	28.0	27.0	27.5	30.0	25.5	27.5	22.0	22.0	22.0	22.5	22.0	22.5
10	28.5	27.5	28.0	25.5	24.0	24.5	22.5	22.0	22.0	22.0	21.5	22.0
11	29.5	28.0	28.5	25.5	23.5	24.0	23.5	22.5	23.0	21.5	21.0	21.0
12	28.5	27.5	28.0	28.5	26.5	27.5	23.5	23.0	23.5	21.5	21.0	21.5
13	29.0	26.5	27.5	29.0	26.0	27.0	23.0	22.0	22.5	23.0	21.5	22.0
14	26.5	25.0	25.5	29.5	27.5	28.5	22.5	22.0	22.5	23.5	23.0	23.0
15	28.0	24.5	26.0	30.0	28.0	29.0	22.5	21.5	22.0	23.5	23.0	23.0
16	28.0	26.0	27.0	29.5	27.5	28.5	22.0	21.5	21.5	22.5	22.0	22.0
17	27.5	25.0	26.0	28.5	27.5	28.0	21.5	21.5	21.5	---	---	---
18	28.0	25.0	26.0	28.5	27.5	27.5	22.5	22.0	22.0	---	---	---
19	28.5	26.0	27.0	27.5	25.5	26.5	22.5	21.0	22.0	---	---	---
20	28.5	26.0	27.0	27.5	27.0	27.0	21.0	20.0	20.5	21.5	20.5	21.0
21	28.5	26.5	27.5	26.5	23.5	24.5	20.5	20.0	20.5	21.5	21.0	21.5
22	28.5	26.5	27.5	27.5	24.0	26.5	21.0	20.5	21.0	21.5	21.5	21.5
23	27.5	26.5	27.0	28.5	26.0	28.0	21.0	21.0	21.0	21.5	21.5	21.5
24	29.5	27.0	28.0	26.0	23.0	24.5	21.5	21.0	21.5	21.5	21.0	21.0
25	30.5	28.0	29.0	23.0	22.5	23.0	22.0	21.5	22.0	21.0	21.0	21.0
26	28.5	27.0	27.5	28.0	23.5	26.0	22.0	21.5	22.0	21.0	20.5	20.5
27	29.0	27.0	28.0	29.0	28.0	28.5	21.5	21.0	21.0	20.5	20.5	20.5
28	29.0	26.5	27.5	28.0	27.5	28.0	21.0	20.5	20.5	21.0	20.5	20.5
29	28.5	26.5	27.5	27.5	25.0	25.5	20.5	20.5	20.5	21.0	21.0	21.0
30	29.0	27.5	28.0	25.0	23.5	24.5	20.5	20.5	20.5	21.0	21.0	21.0
31	---	---	---	23.5	23.0	23.5	22.5	21.0	21.5	---	---	---
MONTH	30.5	24.5	27.5	30.0	22.5	27.0	28.0	20.0	22.5	24.0	20.5	22.0
YEAR	30.5	6.5	18.5									

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. Elevation of gage is 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good, except those for periods when discharge was over 20 ft^3/s, Jan. 19, Feb. 28, Mar. 30, May 14, 27, Jul. 11, Aug. 1, Sept. 12, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 1.35 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jan. 19, 1978, gage height, 7.82 ft; minimum daily, 0.07 ft^3/s, Sept. 6, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 11, gage height, 3.76 ft; minimum daily, 0.26 ft^3/s, Oct. 21.

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	.31	.94	.94	3.8	.71	3.2	.96	.66	.90	.52	1.2	1.5
2	.28	.67	1.4	1.1	.81	.38	.92	1.1	.54	1.1	1.5	1.2
3	.29	.36	1.3	1.3	.89	.32	.69	.82	.90	1.3	1.1	1.5
4	.28	.35	1.1	.71	1.0	.32	.58	.80	.87	.95	1.4	1.2
5	.28	.31	.71	.80	.83	.31	.80	.56	.59	.80	.90	1.6
6	.29	.70	1.1	1.0	1.5	.65	.58	.85	.53	.99	1.0	1.8
7	.30	.69	.89	1.0	2.1	.55	.59	.88	.90	.96	.96	1.4
8	.31	.42	.57	1.4	1.1	1.3	.94	.93	.60	.67	1.2	1.6
9	1.5	.44	1.4	.99	.91	.99	.57	.50	.89	.82	1.1	1.5
10	.76	.52	1.3	1.0	1.2	.69	.71	.81	.93	.86	2.0	1.5
11	.32	.51	1.2	.93	1.3	.67	.94	.90	.63	2.6	1.3	1.6
12	.33	.79	2.0	1.1	1.1	.69	.54	1.0	.94	1.3	1.3	2.8
13	.35	.48	1.1	1.1	1.0	.67	.92	.91	1.3	.60	1.0	.50
14	.37	1.1	1.4	1.3	.91	.66	1.0	1.3	1.2	.92	1.4	1.2
15	.36	.53	1.4	1.1	1.3	1.0	1.1	.62	1.0	.99	1.3	1.1
16	.37	.96	1.3	1.3	2.0	.80	1.1	1.3	.98	.90	1.5	1.5
17	.33	1.1	1.1	1.1	1.2	.88	.98	.91	.97	.88	.72	1.5
18	.29	.85	1.3	2.2	.65	1.1	.64	.59	.85	1.2	.58	1.5
19	.28	.76	1.1	2.2	.67	1.8	.93	.93	1.2	.91	.93	1.7
20	.29	3.1	1.0	.83	.56	.98	.55	.87	.77	.90	.91	1.9
21	.26	1.0	1.0	1.3	.56	.81	.92	.96	.53	.92	.88	1.5
22	.34	1.3	.99	4.4	1.1	.91	.93	.83	.89	.53	.84	1.4
23	.35	.90	1.6	1.2	.57	1.2	.55	1.1	.89	.56	.57	1.3
24	.31	.92	1.6	1.4	1.1	.59	.89	.86	.56	1.1	1.0	.97
25	.37	1.3	1.4	1.9	.64	.98	.47	.87	1.4	1.2	1.2	.96
26	.28	.84	1.1	1.2	.85	.54	.64	.90	.92	1.2	1.5	1.3
27	.33	.90	1.4	1.3	2.8	1.2	.73	.52	.88	.94	1.3	1.2
28	.34	1.3	1.3	.90	2.0	.59	.52	.92	.53	1.2	1.2	.91
29	.36	1.2	1.3	.76	---	1.4	.48	.92	.50	.87	1.5	1.2
30	.37	3.0	1.4	.62	---	1.4	.50	.88	.54	.91	1.2	1.5
31	.64	---	1.0	.63	---	1.3	---	.63	---	.88	1.4	---
TOTAL	11.84	28.24	37.70	41.87	31.36	28.88	22.67	26.83	25.13	30.48	35.89	42.34
MEAN	.38	.94	1.22	1.35	1.12	.93	.76	.87	.84	.98	1.16	1.41
MAX	1.5	3.1	2.0	4.4	2.8	3.2	1.1	1.5	1.4	2.6	2.0	2.8
MIN	.26	.31	.57	.62	.56	.31	.47	.50	.50	.52	.57	.50

CAL YR 1986 TOTAL 400.96 MEAN 1.10 MAX 4.3 MIN .26
WTR YR 1987 TOTAL 363.23 MEAN .995 MAX 4.4 MIN .26

021973305 HP-52 OUTFALL AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'56'', long 81°38'26'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on right downstream culvert wingwall, 400 ft south of SRP Road E, and 700 ft south of H-Area.

PERIOD OF RECORD.--June 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 10, 1986, gage height, 2.71 ft; minimum daily, 0.35 ft^3/s, Nov. 5, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 14, gage height, 2.71 ft; minimum daily, 0.36 ft^3/s, Dec. 13.

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	1.2	2.4	1.8	3.4	2.2	2.6	1.7	2.6	1.9	1.7	1.2	.97
2	1.3	1.8	1.6	1.7	2.3	2.4	1.6	1.0	1.8	1.7	.91	1.1
3	1.7	1.7	1.4	1.7	1.8	2.3	1.6	1.1	1.6	1.8	.75	.97
4	1.4	1.8	1.3	1.8	1.6	1.9	1.6	1.6	2.0	1.7	.70	1.2
5	1.3	1.8	1.2	1.7	1.6	2.2	1.6	1.1	1.7	1.6	.85	1.1
6	1.3	1.8	1.5	1.5	2.2	2.1	1.6	.98	1.9	1.2	.72	1.6
7	.87	1.8	1.4	1.9	2.2	2.2	1.7	1.2	1.9	1.3	.65	1.1
8	1.4	1.7	1.3	1.8	1.8	2.8	1.6	1.1	1.5	1.4	.77	.83
9	2.4	1.7	1.7	2.0	1.9	2.1	1.3	.99	2.0	1.3	.92	1.1
10	1.4	1.6	1.7	2.0	2.0	2.0	1.4	.92	2.3	1.2	1.4	.80
11	1.2	1.6	1.3	2.0	2.4	2.2	1.5	.95	2.1	1.9	1.3	.97
12	1.3	1.6	.77	2.0	2.0	2.1	1.4	1.0	2.2	1.6	1.3	1.7
13	1.3	1.7	.36	1.5	2.1	2.2	1.2	1.1	2.2	1.5	1.1	.94
14	.92	1.7	.42	1.5	1.9	2.2	.90	2.0	2.3	1.2	.66	.92
15	1.4	1.9	.49	1.4	2.0	2.0	1.0	2.0	2.1	.93	1.0	.92
16	1.2	1.7	.48	1.9	2.0	2.2	1.1	2.1	2.3	.90	1.0	.88
17	1.2	1.9	.46	2.1	2.1	1.8	1.1	1.8	2.0	.81	.81	1.2
18	1.2	1.7	1.3	2.7	2.2	1.9	1.0	1.8	2.3	.64	.70	1.1
19	1.2	1.6	1.5	2.9	2.5	2.4	1.2	1.9	2.0	.72	.59	1.2
20	1.2	3.8	1.5	2.0	2.6	2.0	1.1	1.8	1.8	1.1	.63	1.1
21	1.2	1.6	1.6	2.4	2.7	1.9	1.1	1.5	1.9	.79	.63	1.1
22	1.2	1.5	1.4	3.9	2.7	1.9	1.1	1.7	2.0	.84	.65	1.4
23	1.2	1.7	1.4	2.1	2.5	1.8	1.5	1.9	2.0	.87	.67	1.6
24	1.2	1.6	1.6	2.0	2.4	1.4	1.7	1.9	2.0	.87	.66	1.0
25	1.5	1.6	1.2	2.5	2.2	2.2	2.6	1.7	2.1	1.0	.70	1.0
26	1.6	1.6	.78	2.1	2.4	1.8	1.9	1.6	1.9	1.1	.82	1.1
27	1.6	1.5	1.1	2.2	3.8	1.8	1.9	1.9	1.7	.86	.71	1.0
28	1.7	1.5	1.2	2.0	2.9	1.9	1.9	1.2	2.0	1.1	.84	1.2
29	1.8	1.5	1.7	2.3	---	2.1	1.9	1.8	1.6	1.1	.69	1.0
30	1.7	3.2	1.7	2.2	---	2.3	2.8	1.7	1.7	1.5	.66	1.3
31	1.9	---	1.8	2.3	---	1.9	---	1.7	---	.91	.75	---
TOTAL	42.99	54.6	38.96	65.5	63.0	64.6	45.60	47.64	58.8	37.14	25.74	33.40
MEAN	1.39	1.82	1.26	2.11	2.25	2.08	1.52	1.54	1.96	1.20	.83	1.11
MAX	2.4	3.8	1.8	3.9	3.8	2.8	2.8	2.6	2.3	1.9	1.4	1.7
MIN	.87	1.5	.36	1.4	1.6	1.4	.90	.92	1.5	.64	.59	.80

CAL YR 1986 TOTAL 462.52 MEAN 1.27 MAX 3.8 MIN .36
WTR YR 1987 TOTAL 577.96 MEAN 1.58 MAX 3.9 MIN .36

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 fair, except those for periods when discharge was over 7.0 ft^3/s, which are undefined.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 10, 1986, gage height, 2.98 ft; minimum daily, 0.39 ft^3/s, Oct. 23, 26, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 11, gage height, 2.52 ft; minimum daily, 0.48 ft^3/s, Aug. 19.

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	1.3	2.7	2.8	4.1	2.2	5.6	2.3	4.3	2.1	2.3	1.5	1.2
2	1.3	2.2	2.6	2.4	2.5	3.3	2.2	2.0	1.9	2.1	1.2	1.0
3	1.8	2.1	2.1	2.2	2.0	2.7	2.4	2.1	1.6	2.5	.78	.86
4	1.5	2.1	1.8	2.2	1.9	2.2	2.4	3.0	2.2	2.1	.65	1.3
5	1.4	2.1	1.8	2.0	1.7	2.3	2.2	1.9	1.9	2.0	.83	1.1
6	1.4	2.1	2.1	1.9	2.4	2.2	2.2	1.4	2.0	1.5	.66	1.9
7	.95	2.1	1.9	2.4	3.2	2.4	2.4	1.7	2.0	1.6	.59	1.4
8	1.4	2.0	1.8	2.2	2.6	3.5	2.3	1.7	1.5	1.8	.79	.86
9	2.3	2.0	2.1	2.2	2.3	2.8	1.9	1.5	2.1	1.7	1.0	1.2
10	2.0	2.0	2.2	2.1	2.2	2.4	2.0	1.5	2.5	1.4	1.4	.77
11	1.4	2.0	1.9	2.2	2.5	2.5	2.3	1.6	2.3	2.4	1.8	1.1
12	1.6	2.0	1.4	2.2	2.1	2.7	2.1	1.9	2.4	2.2	1.5	2.7
13	1.5	2.2	.79	1.7	2.3	2.7	1.8	2.1	2.5	1.5	1.1	1.5
14	1.1	2.1	.80	1.6	2.3	2.5	1.4	3.6	3.0	1.2	.52	1.2
15	1.6	2.4	.83	1.5	2.2	2.3	1.3	2.0	2.6	.92	1.0	1.1
16	1.4	2.1	.81	2.0	2.9	2.7	1.7	2.0	2.7	.82	1.2	1.1
17	1.3	2.4	.77	2.4	2.8	2.1	1.5	2.0	2.5	.74	.78	1.6
18	1.4	2.0	1.9	3.6	2.3	2.4	1.4	1.8	2.7	.56	.63	1.5
19	1.4	2.0	2.0	4.8	2.5	3.4	1.5	1.8	2.8	.67	.48	1.6
20	1.3	4.3	1.6	2.4	2.7	2.8	1.5	1.7	2.4	1.2	.51	1.6
21	1.3	2.3	1.7	2.7	3.3	2.3	1.7	1.5	2.6	.80	.50	1.4
22	1.3	2.0	1.9	6.0	3.2	2.4	1.6	1.7	2.6	.92	.54	2.0
23	1.3	2.1	2.1	2.7	2.6	2.3	2.2	1.9	2.4	1.0	.57	2.2
24	1.4	2.0	2.0	2.4	2.3	1.9	2.6	2.0	2.6	1.0	.56	1.2
25	1.7	1.8	1.5	2.9	2.1	3.5	4.0	1.8	2.4	1.3	.64	1.2
26	1.8	2.2	.96	2.6	2.2	2.7	2.9	1.6	2.1	1.4	.87	1.3
27	2.0	2.0	1.2	2.5	4.3	2.6	3.0	2.2	1.7	.90	.68	1.2
28	2.1	1.9	1.3	2.1	5.5	2.8	3.2	1.2	2.6	1.5	.89	1.6
29	2.1	1.9	1.8	2.6	---	3.0	3.3	1.9	1.7	1.4	.63	1.2
30	2.0	3.6	1.8	2.5	---	4.5	4.2	1.8	2.0	2.4	.63	1.9
31	2.2	---	1.9	2.5	---	3.1	---	1.7	---	1.2	.78	---
TOTAL	48.55	66.7	52.16	79.6	73.1	86.6	67.5	60.9	68.4	45.03	26.21	41.79
MEAN	1.57	2.22	1.68	2.57	2.61	2.79	2.25	1.96	2.28	1.45	.85	1.39
MAX	2.3	4.3	2.8	6.0	5.5	5.6	4.2	4.3	3.0	2.5	1.8	2.7
MIN	.95	1.8	.77	1.5	1.7	1.9	1.3	1.2	1.5	.56	.48	.77

CAL YR 1986 TOTAL 565.15 MEAN 1.55 MAX 5.3 MIN .48
WTR YR 1987 TOTAL 716.53 MEAN 1.96 MAX 6.0 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 doubtful or missing gage-height record, Nov. 27 to Dec. 2, and Sept. 1 to Sept. 30, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 1.66 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jul. 27, 1974, gage height, 9.61 ft; minimum daily, 0.24 ft^3/s, Dec. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, May 14, gage height, 5.98 ft; minimum daily, 0.39 ft^3/s, July 18.

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	1.5	2.8	3.1	4.8	2.3	7.5	2.8	4.0	2.2	2.5	2.0	1.2
2	1.4	2.4	2.9	2.8	2.5	3.3	2.7	2.2	2.1	2.5	1.8	1.2
3	1.9	2.3	2.5	2.6	2.1	3.0	2.7	2.3	1.8	2.8	1.2	1.0
4	1.6	2.3	2.3	2.6	2.0	2.6	2.7	2.9	2.3	2.4	.92	1.4
5	1.4	2.2	2.2	2.4	1.9	2.7	2.6	2.3	2.0	2.4	1.1	1.2
6	1.4	2.3	2.5	2.1	2.7	2.7	2.6	2.1	2.2	1.8	.88	2.1
7	.77	2.2	2.3	2.5	3.4	2.8	2.7	2.4	2.2	1.9	.82	1.7
8	1.6	2.2	2.2	2.4	2.8	3.8	2.7	2.3	1.8	2.0	1.0	1.0
9	3.2	2.2	2.6	2.4	2.6	3.0	2.2	2.1	2.3	1.9	1.2	1.3
10	2.2	2.1	2.7	2.3	2.6	2.8	2.4	2.1	2.6	1.7	1.9	1.0
11	1.6	2.1	2.2	2.4	2.8	2.9	2.6	2.2	2.4	2.6	2.1	1.2
12	1.8	2.1	1.9	2.2	2.5	2.8	2.5	2.3	2.5	2.2	1.9	3.0
13	1.8	2.2	1.2	1.7	2.6	2.8	2.3	2.4	2.8	1.5	1.5	1.9
14	1.2	2.1	1.3	1.8	2.6	2.8	1.9	4.3	3.3	1.2	.90	1.3
15	1.8	2.4	1.1	1.6	2.5	2.7	2.0	2.6	2.9	.84	1.4	1.2
16	1.6	2.2	1.1	2.2	3.4	2.9	2.3	2.6	3.2	.74	1.5	1.2
17	1.5	2.5	1.0	2.4	3.0	2.5	2.2	2.7	2.8	.63	1.1	2.0
18	1.5	2.2	2.0	3.9	2.6	2.5	2.0	2.4	3.0	.39	.95	1.9
19	1.5	2.1	2.4	4.9	2.7	3.5	2.1	2.3	3.2	.56	.77	2.0
20	1.4	4.1	2.4	2.4	2.8	3.0	2.0	2.0	2.6	1.2	.76	2.0
21	1.4	2.6	2.3	2.6	3.1	2.7	2.2	1.8	2.6	.72	.74	1.7
22	1.4	2.3	2.3	7.1	3.1	2.7	2.2	2.1	2.7	.77	.76	2.4
23	1.5	2.4	2.4	3.1	2.7	2.7	2.6	2.3	2.6	1.0	.77	2.6
24	1.5	2.3	2.6	2.8	2.4	2.2	2.8	2.4	2.7	1.1	.77	1.3
25	1.8	2.2	2.1	3.2	2.3	3.3	3.9	2.1	2.9	1.4	.83	1.3
26	2.0	2.2	1.5	2.7	2.4	2.9	3.1	1.7	2.7	1.5	.99	1.5
27	2.1	2.1	1.6	2.7	4.1	2.8	3.2	2.2	2.4	1.1	.86	1.3
28	2.2	2.0	1.8	2.4	5.6	2.9	3.2	1.2	3.0	1.8	1.0	2.0
29	2.2	2.0	2.2	2.7	---	3.0	3.3	2.2	2.3	1.7	.80	1.3
30	2.1	3.8	2.4	2.6	---	4.7	3.9	2.1	2.4	2.4	.78	2.1
31	2.3	---	2.4	2.6	---	3.5	---	2.1	---	1.3	.89	---
TOTAL	53.17	70.9	65.5	86.9	78.1	96.0	78.4	72.7	76.5	48.55	34.89	48.3
MEAN	1.72	2.36	2.11	2.80	2.79	3.10	2.61	2.35	2.55	1.57	1.13	1.61
MAX	3.2	4.1	3.1	7.1	5.6	7.5	3.9	4.3	3.3	2.8	2.1	3.0
MIN	.77	2.0	1.0	1.6	1.9	2.2	1.9	1.2	1.8	.39	.74	1.0

CAL YR 1986 TOTAL 635.66 MEAN 1.74 MAX 6.9 MIN .77
WTR YR 1987 TOTAL 809.90 MEAN 2.22 MAX 7.5 MIN .39

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 good, except for estimated daily discharges, May 2-14, May 18 to June 2, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 7.53 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 149 ft^3/s, Feb. 24, 1979; maximum gage height, 3.70 ft, Jun. 10, 1986; minimum daily, 0.61 ft^3/s, June 6, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 112 ft^3/s, Mar. 1, gage height, 3.57 ft; minimum daily, 2.2 ft^3/s, Aug. 23.

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	3.7	6.6	11	32	11	84	15	8.3	7.2	3.9	6.4	5.1
2	3.4	5.7	12	14	12	35	14	7.1	5.5	5.7	9.5	3.7
3	3.6	5.4	9.4	10	11	23	15	6.8	3.6	8.6	5.7	3.1
4	3.3	4.4	7.8	9.1	10	19	13	6.8	4.4	5.7	3.8	4.1
5	3.1	5.2	7.0	8.8	9.6	16	12	6.6	4.6	4.6	3.7	3.5
6	3.1	4.6	7.2	8.2	13	15	11	6.8	3.8	4.3	3.4	7.2
7	2.6	5.0	7.0	8.4	21	14	11	6.8	3.8	4.7	3.3	7.2
8	3.1	4.4	6.4	8.3	15	24	11	6.9	3.3	3.8	3.5	5.4
9	7.4	4.6	7.3	8.0	12	19	10	6.6	3.7	3.6	4.7	4.0
10	7.9	4.7	9.0	7.9	11	16	10	6.7	3.9	3.4	6.3	3.3
11	5.2	5.1	9.3	7.8	11	14	10	6.7	4.7	13	9.0	3.4
12	4.5	4.9	11	8.1	11	14	9.5	6.8	3.9	12	5.3	15
13	4.0	4.7	8.3	7.0	11	14	9.1	6.9	5.0	6.7	4.2	11
14	3.6	5.1	7.1	7.1	10	13	8.6	19	10	6.4	3.2	5.9
15	3.7	5.6	6.7	7.0	10	13	9.9	13	6.5	4.3	4.2	3.7
16	3.5	5.6	6.6	8.3	22	12	12	9.0	6.4	4.3	6.3	3.5
17	3.4	6.7	6.2	11	18	12	9.6	8.5	6.6	3.3	4.4	3.8
18	3.3	5.9	7.4	18	14	12	9.2	7.6	6.3	4.5	3.6	3.5
19	3.3	5.5	7.8	35	12	19	9.6	7.4	12	3.9	2.7	3.8
20	3.3	21	7.2	19	11	14	8.2	7.2	6.2	3.4	2.6	4.1
21	3.6	10	7.0	15	11	12	8.2	7.3	5.1	3.5	2.5	3.5
22	3.1	7.3	6.7	64	13	11	7.9	7.1	5.1	3.7	2.6	3.7
23	3.2	6.8	8.1	29	12	11	7.9	7.3	5.0	3.0	2.2	4.0
24	3.2	6.4	15	18	11	10	8.3	7.2	4.6	3.5	3.0	3.3
25	3.8	6.8	10	19	10	17	8.8	7.2	5.9	4.1	3.0	2.7
26	3.8	6.8	7.7	17	10	14	7.9	7.2	7.3	3.9	2.9	2.9
27	3.9	6.3	7.5	15	24	13	8.0	8.1	5.0	3.3	2.7	2.8
28	3.9	6.4	7.3	13	39	13	7.5	7.3	4.7	3.7	2.8	2.9
29	3.9	6.4	7.5	13	---	13	7.4	7.5	3.7	3.6	2.7	2.8
30	3.9	18	7.5	12	---	26	8.4	7.2	3.8	4.2	2.5	4.7
31	4.5	---	8.0	12	---	21	---	7.2	---	3.3	2.8	---
TOTAL	119.8	201.9	254.0	470.0	385.6	563	298.0	242.1	161.6	149.9	125.5	137.6
MEAN	3.86	6.73	8.19	15.2	13.8	18.2	9.93	7.81	5.39	4.84	4.05	4.59
MAX	7.9	21	15	64	39	84	15	19	12	13	9.5	15
MIN	2.6	4.4	6.2	7.0	9.6	10	7.4	6.6	3.3	3.0	2.2	2.7

CAL YR 1986 TOTAL 1882.2 MEAN 5.16 MAX 30 MIN 1.9
WTR YR 1987 TOTAL 3109.0 MEAN 8.52 MAX 84 MIN 2.2

02197336 SITE NO. 4 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°16'21'', long 81°39'55'', Barnwell County, Hydrologic Unit 03060106, on Fourmile Creek at left bank, 200 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: Mar. 2 to Apr. 1. Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 8.59 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, Mar. 1, gage height, 4.57 ft; minimum daily, 3.3 ft^3/s, Oct. 7, Aug. 24.

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	4.5	9.8	13	33	14	78	22	12	6.0	6.4	4.1	4.7
2	3.4	8.5	15	17	15	40	18	9.0	6.0	9.1	7.4	4.3
3	3.4	7.6	11	14	14	30	18	8.6	5.8	13	4.9	4.1
4	3.6	5.7	10	13	13	25	18	9.2	6.3	8.6	4.0	4.2
5	4.4	5.5	9.4	12	13	20	16	9.8	6.7	7.1	3.9	4.2
6	3.4	7.6	9.5	12	16	20	17	8.7	5.8	6.0	3.8	5.6
7	3.3	7.6	9.7	13	27	19	16	8.2	5.2	6.3	3.8	7.4
8	3.4	7.1	9.6	13	18	31	16	8.3	5.8	5.4	3.8	5.6
9	6.2	6.0	9.8	13	16	24	14	7.5	6.0	5.0	4.3	4.5
10	12	5.9	13	14	15	22	14	7.3	5.1	4.5	5.3	4.2
11	5.7	6.1	13	14	15	21	14	7.4	5.9	20	11	4.0
12	4.4	6.4	16	14	14	21	13	8.3	5.5	16	5.2	16
13	4.1	6.4	11	13	14	20	12	8.8	7.0	7.8	4.7	11
14	4.7	6.3	9.0	12	14	19	11	22	14	6.5	4.1	5.5
15	3.8	8.2	9.6	11	14	19	13	18	8.7	5.2	4.3	4.2
16	3.7	7.6	8.9	14	26	18	15	11	9.9	4.8	5.9	4.1
17	3.5	8.7	9.4	17	21	18	12	13	9.9	4.3	4.6	4.4
18	3.4	7.4	9.9	25	17	18	11	10	8.2	4.6	4.4	4.5
19	3.4	6.7	11	47	15	20	11	8.2	16	4.6	3.7	4.6
20	3.7	26	9.8	27	15	18	9.3	8.3	9.3	4.1	3.7	4.7
21	3.6	12	9.3	21	15	17	9.0	7.8	8.2	3.7	3.5	4.5
22	3.8	8.2	9.0	66	16	17	9.0	8.0	7.5	4.1	3.6	4.3
23	3.7	7.8	10	41	16	16	8.7	8.3	7.8	3.7	3.5	4.5
24	4.2	7.7	18	26	14	15	8.5	8.0	7.8	4.0	3.3	4.3
25	5.1	8.2	12	28	13	22	10	8.1	8.8	4.4	3.9	3.8
26	4.8	8.8	9.2	25	14	20	9.5	7.6	10	4.1	3.4	3.9
27	5.0	8.2	8.9	21	26	17	10	8.1	7.9	4.4	3.6	4.1
28	5.0	8.1	9.4	18	38	18	9.9	8.3	7.4	4.3	3.8	3.9
29	5.0	8.0	9.4	17	---	16	9.7	8.3	6.7	4.3	3.7	4.0
30	5.1	20	9.3	16	---	45	9.6	7.5	5.7	4.5	3.7	5.4
31	6.5	---	10	15	---	35	---	6.7	---	4.0	4.0	---
TOTAL	139.8	258.1	332.1	642	478	739	384.2	290.3	230.9	194.8	136.9	154.5
MEAN	4.51	8.60	10.7	20.7	17.1	23.8	12.8	9.36	7.70	6.28	4.42	5.15
MAX	12	26	18	66	38	78	22	22	16	20	11	16
MIN	3.3	5.5	8.9	11	13	15	8.5	6.7	5.1	3.7	3.3	3.8

CAL YR 1986 TOTAL 2234.4 MEAN 6.12 MAX 50 MIN 2.1
WTR YR 1987 TOTAL 3980.6 MEAN 10.9 MAX 78 MIN 3.3

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.--No estimated daily discharges. Records good, except for periods when discharge was over 16 ft^3/s, which are undefined. Flow completely regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 2.69 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, Jul. 11, gage height, 4.65 ft; minimum daily, 0.70 ft^3/s, Nov. 5.

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	1.5	3.2	3.1	4.7	2.2	7.0	4.1	1.8	2.0	2.8	2.4	1.9
2	1.3	2.9	3.0	2.0	2.4	3.4	3.5	2.3	2.1	3.2	2.1	1.8
3	1.5	2.9	2.3	3.2	2.2	2.7	3.0	2.3	2.2	3.3	1.9	1.9
4	1.7	1.2	3.2	2.0	2.2	2.6	2.9	2.5	2.4	2.6	2.0	1.9
5	3.3	.70	2.3	1.8	2.4	2.7	2.8	2.4	2.3	2.2	1.9	2.0
6	2.1	3.7	2.4	1.8	3.1	2.5	3.4	2.5	2.3	2.1	1.9	2.4
7	2.3	4.6	2.5	1.7	4.6	2.5	3.0	2.5	2.2	2.0	1.9	2.8
8	2.2	3.9	2.7	1.8	2.5	4.9	2.3	2.1	3.4	2.1	1.9	2.4
9	4.8	2.5	2.7	1.6	3.3	2.9	2.5	1.9	3.6	2.1	2.2	2.4
10	2.7	2.3	2.7	1.8	2.3	2.4	2.5	2.0	2.2	2.1	2.4	1.8
11	2.1	2.3	3.1	1.7	2.4	2.5	2.5	2.0	2.2	4.5	2.1	1.7
12	2.0	2.3	4.1	1.8	2.1	2.5	2.5	2.0	2.2	2.9	2.3	3.7
13	2.0	1.9	2.6	1.5	2.2	2.2	2.5	2.4	3.2	2.6	2.3	2.2
14	2.7	1.5	2.8	1.5	2.2	2.4	2.6	3.7	4.4	2.6	1.8	2.6
15	2.2	2.5	2.7	1.3	2.6	2.4	2.7	1.7	2.6	2.1	1.9	1.7
16	2.1	2.4	2.1	2.4	4.6	2.4	2.9	3.2	3.7	1.8	2.1	1.7
17	2.0	3.2	2.5	2.8	2.8	2.5	2.5	2.2	3.4	1.9	1.8	1.5
18	2.0	2.3	2.4	3.8	3.1	2.5	2.6	2.1	2.8	2.0	1.7	1.4
19	2.1	2.2	2.3	5.2	2.9	3.6	2.2	1.8	4.1	2.0	1.7	1.5
20	2.2	5.0	2.4	2.5	3.0	2.7	2.3	2.1	3.6	2.0	1.8	1.5
21	2.2	2.4	2.3	2.8	3.2	2.2	2.4	1.8	3.6	1.9	1.8	1.3
22	2.2	2.5	2.4	7.0	3.4	1.8	3.2	2.0	2.9	1.9	1.8	1.2
23	2.4	2.9	2.9	2.1	3.4	1.2	1.9	2.1	3.6	2.0	1.8	1.2
24	3.1	2.0	4.8	2.7	2.7	1.4	1.6	1.7	3.5	2.3	2.0	1.3
25	3.2	2.1	3.2	3.4	2.7	2.6	1.8	2.6	3.9	2.0	1.8	1.2
26	2.5	2.1	2.6	1.9	3.4	2.2	1.8	2.3	3.8	1.9	1.8	1.7
27	2.4	2.0	2.4	2.0	6.4	2.0	2.4	2.2	3.4	2.5	1.7	2.1
28	2.3	2.0	2.5	2.1	5.6	2.9	2.7	2.1	3.4	1.9	1.8	1.3
29	2.2	2.1	2.2	2.4	---	4.6	1.5	1.7	3.3	1.9	1.7	1.3
30	2.1	6.3	1.8	2.6	---	3.8	1.7	2.1	2.1	1.9	1.9	2.9
31	2.6	---	1.7	2.6	---	3.8	---	2.0	---	1.9	2.3	---
TOTAL	72.0	79.90	82.7	78.5	85.9	87.8	76.3	68.1	90.4	71.0	60.5	56.3
MEAN	2.32	2.66	2.67	2.53	3.07	2.83	2.54	2.20	3.01	2.29	1.95	1.88
MAX	4.8	6.3	4.8	7.0	6.4	7.0	4.1	3.7	4.4	4.5	2.4	3.7
MIN	1.3	.70	1.7	1.3	2.1	1.2	1.5	1.7	2.0	1.8	1.7	1.2

CAL YR 1986 TOTAL 1027.68 MEAN 2.82 MAX 9.3 MIN .70
WTR YR 1987 TOTAL 909.39 MEAN 2.49 MAX 7.0 MIN .70

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, Jun. 17 to Jul. 2, and those above 35 ft^3/s, which are poor.

AVERAGE DISCHARGE.-- 7 years, 3.47 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, Jul. 11, gage height, 3.74 ft; minimum daily, 0.91 ft^3/s, Nov. 5.

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	1.6	3.7	4.2	6.3	2.8	8.9	4.9	2.0	1.9	2.0	2.7	2.3
2	1.3	3.4	4.3	2.7	2.9	3.8	4.3	2.2	2.0	2.0	2.9	2.1
3	1.6	3.4	3.3	3.8	2.7	3.0	3.7	2.2	2.1	3.6	2.4	2.2
4	1.7	1.6	4.0	2.7	2.5	2.9	3.7	3.0	2.2	2.9	2.5	2.3
5	3.7	.91	3.1	2.4	2.7	2.9	3.5	3.8	2.4	2.3	2.3	2.5
6	2.3	4.2	3.1	2.4	3.4	2.6	3.7	3.2	2.4	2.2	2.3	3.1
7	2.7	5.2	3.3	2.3	5.1	2.6	3.4	3.0	2.3	2.0	2.3	4.6
8	2.6	4.7	3.4	2.4	2.9	5.3	2.6	2.6	3.4	2.1	2.2	2.9
9	4.7	3.2	3.2	2.2	3.5	3.6	2.9	2.3	3.7	2.1	2.7	3.0
10	3.3	3.0	3.6	2.3	2.7	3.0	2.8	2.2	2.2	2.1	2.8	2.1
11	2.4	3.0	3.9	2.3	2.7	3.0	2.9	2.5	2.2	6.1	4.3	2.0
12	2.2	3.1	4.9	2.3	2.4	3.0	2.8	2.6	2.2	5.0	2.9	6.3
13	2.2	2.7	3.5	2.1	2.4	2.6	2.8	2.9	3.6	3.5	2.8	3.0
14	2.9	2.1	3.6	2.0	2.5	2.8	2.9	4.8	4.9	3.3	2.3	3.4
15	2.4	3.4	3.5	1.8	2.7	2.7	3.0	2.3	3.0	2.7	2.3	2.2
16	2.3	3.3	2.8	2.8	5.9	2.7	3.2	3.1	3.7	2.2	2.7	2.2
17	2.2	4.0	3.2	3.1	3.3	2.7	2.8	2.7	4.0	2.3	2.3	1.8
18	2.2	3.1	3.1	6.0	3.5	2.8	2.8	2.2	3.3	2.4	2.2	1.7
19	2.3	3.1	3.1	6.8	3.3	4.7	2.4	2.0	4.5	2.4	2.1	2.0
20	2.5	6.7	3.2	3.7	3.3	3.3	2.4	2.3	4.1	2.4	2.1	2.1
21	2.4	3.3	3.0	3.5	3.5	2.8	2.3	2.1	3.7	2.3	2.2	1.8
22	2.5	3.2	3.1	11	3.6	2.3	3.3	2.3	3.2	2.3	2.1	1.6
23	2.6	3.8	3.6	3.3	3.5	1.6	2.0	2.3	3.3	2.3	2.1	1.6
24	3.2	2.7	5.2	3.7	3.0	1.8	1.7	2.2	3.3	2.7	2.4	1.7
25	3.4	2.9	3.8	4.4	2.8	3.2	1.9	2.8	4.1	2.5	2.1	1.7
26	2.6	2.9	3.3	2.8	3.4	2.6	1.9	2.2	3.9	2.3	2.0	2.2
27	2.5	2.9	3.0	2.8	6.4	2.4	2.5	2.1	3.2	3.0	1.9	2.8
28	2.5	3.0	3.1	2.9	5.9	3.2	3.0	2.1	3.5	2.5	2.0	1.7
29	2.4	3.0	2.7	3.1	---	4.8	1.7	1.8	2.8	2.4	1.8	1.7
30	2.2	6.8	2.2	3.2	---	5.3	2.0	2.0	1.9	2.2	2.1	3.5
31	3.0	---	2.2	3.2	---	4.6	---	1.9	---	2.3	2.8	---
TOTAL	78.4	102.31	105.5	106.3	95.3	103.5	85.8	77.7	93.0	82.4	74.6	74.1
MEAN	2.53	3.41	3.40	3.43	3.40	3.34	2.86	2.51	3.10	2.66	2.41	2.47
MAX	4.7	6.8	5.2	11	6.4	8.9	4.9	4.8	4.9	6.1	4.3	6.3
MIN	1.3	.91	2.2	1.8	2.4	1.6	1.7	1.8	1.9	2.0	1.8	1.6

CAL YR 1986 TOTAL 1172.09 MEAN 3.21 MAX 7.7 MIN .91
WTR YR 1987 TOTAL 1078.90 MEAN 2.96 MAX 11 MIN .91

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: Mar. 24 to Apr. 1. Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 12.9 ft^3/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 288 ft^3/s, Nov. 2, 1980, gage height, 5.15 ft; minimum daily, 4.1 ft^3/s Dec. 23, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 161 ft^3/s, Mar. 1, gage height, 4.61 ft; minimum daily, 5.3 ft^3/s, Aug. 24.

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	8.2	15	20	40	18	94	27	14	7.3	8.5	7.2	7.9
2	6.4	14	22	21	19	45	26	11	7.6	11	14	7.2
3	6.3	12	16	18	19	35	25	11	7.3	18	9.0	6.8
4	6.8	7.8	15	16	17	31	25	12	8.3	13	7.0	7.1
5	8.9	7.3	13	15	17	28	23	14	9.2	11	6.7	7.1
6	6.2	9.9	13	15	20	27	22	13	8.0	9.1	6.6	9.8
7	6.1	9.7	14	15	30	26	21	12	7.0	10	6.5	13
8	6.3	9.8	14	14	23	37	19	11	8.3	8.5	6.5	9.9
9	12	8.9	14	14	20	28	18	10	9.0	7.6	7.5	7.6
10	22	8.8	18	14	19	26	17	9.6	7.2	7.0	8.5	6.9
11	12	9.3	19	13	19	25	17	9.7	8.4	23	18	6.6
12	8.8	9.6	23	14	18	25	16	11	7.5	26	9.7	18
13	7.9	9.3	18	13	18	24	15	12	9.5	14	8.6	17
14	9.3	8.8	14	13	18	23	14	30	19	12	7.3	9.8
15	7.1	12	14	13	18	22	16	23	13	8.9	7.7	7.1
16	7.0	11	12	15	32	22	18	15	13	7.9	11	6.7
17	6.5	13	12	18	26	21	15	16	15	6.9	8.4	7.4
18	6.3	11	13	31	22	29	14	14	12	7.5	7.9	7.6
19	6.3	10	14	54	20	25	14	11	21	7.7	6.4	7.8
20	7.0	33	13	33	19	22	12	11	14	7.1	6.4	8.0
21	6.6	17	12	27	19	20	11	10	12	6.4	5.8	7.6
22	7.0	13	12	77	21	20	11	11	11	7.2	5.9	7.2
23	6.7	12	14	42	21	21	11	11	11	6.2	5.7	7.5
24	8.0	12	22	32	18	18	10	11	11	6.9	5.3	7.1
25	10	12	16	33	17	25	12	11	13	7.8	6.4	6.1
26	9.2	13	14	31	18	26	12	9.8	14	7.1	5.4	6.4
27	9.2	12	13	28	33	20	13	10	11	7.8	5.7	6.7
28	8.8	11	14	25	44	21	12	11	11	7.7	6.1	6.2
29	8.6	11	13	23	---	20	12	11	9.2	7.8	5.9	6.4
30	8.4	31	13	20	---	50	12	9.4	7.5	8.0	5.9	9.3
31	11	---	14	19	---	40	---	8.3	---	7.0	6.6	---
TOTAL	260.9	374.2	468	756	603	896	490	383.8	322.3	304.6	235.6	249.8
MEAN	8.42	12.5	15.1	24.4	21.5	28.9	16.3	12.4	10.7	9.83	7.60	8.33
MAX	22	33	23	77	44	94	27	30	21	26	18	18
MIN	6.1	7.3	12	13	17	18	10	8.3	7.0	6.2	5.3	6.1

CAL YR 1986 TOTAL 3919.2 MEAN 10.7 MAX 70 MIN 4.9
WTR YR 1987 TOTAL 5344.2 MEAN 14.6 MAX 94 MIN 5.3

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: Oct. 9; Nov. 20, 30; Dec. 24; Jan. 1, 18, 19, 22; Feb. 16, 27, 28; Mar. 1, 30; May 14; Jun. 16; Jul. 11, 12; Aug. 10, 31; Sept. 7, 12, 26-29. Records poor. Flow completely regulated by Savannah River Plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, July 1, 1984, gage height, 3.59 ft; minimum daily, 0.02 ft^3/s, Sept. 26-29, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Jul. 12, gage height, 2.40 ft; minimum daily, 0.02 ft^3/s, Sept. 26-29.

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	.14	.20	.22	1.2	.15	1.1	.14	.12	.10	.08	.09	.06
2	.15	.19	.21	.18	.16	.15	.13	.12	.10	.12	.07	.05
3	.15	.19	.18	.17	.15	.15	.13	.12	.10	.11	.07	.05
4	.15	.19	.17	.17	.15	.14	.12	.14	.11	.09	.07	.06
5	.16	.19	.17	.17	.15	.14	.12	.13	.10	.08	.07	.06
6	.16	.20	.17	.17	.19	.14	.12	.12	.10	.15	.07	.07
7	.17	.19	.17	.17	.41	.14	.12	.12	.10	.08	.07	.32
8	.17	.19	.17	.16	.15	.33	.12	.12	.10	.08	.07	.04
9	.49	.19	.19	.16	.15	.14	.12	.12	.10	.08	.07	.05
10	.23	.19	.18	.16	.15	.14	.11	.12	.10	.08	.60	.05
11	.19	.19	.23	.15	.14	.14	.12	.12	.10	1.2	.10	.05
12	.18	.19	.39	.15	.14	.14	.12	.12	.10	.72	.07	.72
13	.18	.19	.18	.15	.14	.14	.12	.12	.17	.08	.07	.05
14	.18	.19	.17	.15	.14	.14	.11	.28	.19	.08	.07	.05
15	.18	.22	.17	.16	.14	.14	.13	.12	.10	.07	.07	.04
16	.18	.19	.17	.17	.67	.14	.12	.12	.22	.07	.07	.05
17	.17	.25	.17	.16	.15	.13	.11	.11	.09	.07	.07	.05
18	.17	.19	.17	.57	.14	.14	.12	.11	.08	.07	.06	.05
19	.17	.19	.18	1.1	.14	.21	.11	.11	.11	.07	.06	.05
20	.18	.99	.19	.16	.14	.13	.11	.11	.08	.07	.06	.04
21	.18	.19	.19	.29	.14	.13	.11	.10	.08	.07	.06	.04
22	.18	.19	.19	1.5	.17	.13	.11	.10	.08	.07	.06	.03
23	.18	.19	.23	.17	.14	.13	.11	.10	.08	.07	.06	.03
24	.18	.19	.49	.17	.14	.13	.11	.10	.08	.08	.06	.03
25	.19	.19	.20	.26	.14	.18	.11	.10	.08	.07	.06	.03
26	.18	.19	.19	.17	.16	.13	.11	.10	.08	.07	.06	.02
27	.18	.19	.19	.16	.71	.14	.12	.10	.08	.07	.06	.02
28	.18	.19	.19	.16	.70	.13	.12	.10	.08	.07	.06	.02
29	.18	.19	.19	.15	---	.26	.12	.10	.08	.07	.06	.02
30	.18	.69	.19	.15	---	.33	.12	.10	.08	.07	.06	.06
31	.22	---	.18	.15	---	.18	---	.10	---	.07	.21	---
TOTAL	5.78	7.11	6.28	8.96	6.05	5.89	3.54	3.65	3.05	4.23	2.76	2.26
MEAN	.19	.24	.20	.29	.22	.19	.12	.12	.10	.14	.09	.08
MAX	.49	.99	.49	1.5	.71	1.1	.14	.28	.22	1.2	.60	.72
MIN	.14	.19	.17	.15	.14	.13	.11	.10	.08	.07	.06	.02

CAL YR 1986 TOTAL 84.30 MEAN .23 MAX .99 MIN .08
WTR YR 1987 TOTAL 59.56 MEAN .16 MAX 1.5 MIN .02

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.--Estimated daily discharges, Nov. 6 to Dec. 3, Dec. 24, Jan. 7 and June 8 to July 1. 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 and Jan. 11-15, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.88 ft^3/s, Mar. 4, gage height, 0.69 ft; minimum daily, 0.02 ft^3/s, Jan. 11-15.

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	.05	.03	.18	.20	.05	.51	.16	.08	.06	.07	.05	.08
2	.05	.03	.16	.20	.10	.65	.13	.07	.06	.07	.05	.08
3	.05	.03	.10	.16	.06	.74	.10	.07	.05	.08	.05	.07
4	.06	.03	.08	.14	.08	.80	.10	.07	.05	.08	.05	.07
5	.07	.04	.06	.11	.07	.88	.10	.07	.05	.07	.05	.07
6	.06	.06	.04	.11	.11	.65	.10	.08	.05	.07	.05	.07
7	.05	.06	.04	.10	.18	.40	.10	.08	.05	.06	.04	.09
8	.05	.08	.04	.07	.08	.33	.09	.08	.05	.06	.04	.11
9	.06	.09	.04	.05	.07	.28	.09	.07	.05	.05	.04	.09
10	.09	.10	.05	.03	.06	.22	.09	.07	.04	.05	.05	.08
11	.10	.10	.06	.02	.07	.17	.09	.07	.04	.08	.08	.08
12	.10	.10	.08	.02	.07	.16	.09	.07	.04	.21	.09	.10
13	.08	.11	.08	.02	.07	.14	.09	.07	.05	.18	.08	.16
14	.07	.11	.07	.02	.07	.13	.09	.10	.06	.13	.07	.12
15	.07	.13	.06	.02	.07	.11	.09	.12	.06	.10	.06	.10
16	.07	.13	.06	.03	.09	.10	.09	.11	.06	.08	.06	.09
17	.06	.13	.05	.04	.03	.09	.09	.09	.06	.08	.05	.09
18	.05	.14	.05	.07	.03	.09	.09	.09	.06	.07	.05	.08
19	.05	.20	.05	.10	.04	.10	.08	.08	.08	.07	.05	.08
20	.05	.20	.05	.10	.05	.11	.08	.08	.07	.06	.04	.08
21	.05	.20	.04	.15	.06	.11	.08	.08	.06	.06	.04	.08
22	.04	.20	.04	.19	.08	.10	.08	.08	.05	.06	.04	.08
23	.04	.18	.04	.18	.09	.09	.08	.08	.05	.06	.04	.08
24	.04	.16	.09	.19	.09	.08	.08	.07	.05	.06	.04	.08
25	.04	.14	.10	.15	.08	.08	.08	.07	.05	.07	.04	.08
26	.04	.14	.10	.16	.08	.09	.08	.07	.06	.07	.04	.08
27	.04	.14	.05	.15	.11	.09	.08	.07	.06	.06	.04	.08
28	.03	.14	.05	.10	.18	.09	.08	.07	.06	.06	.04	.08
29	.03	.20	.05	.26	---	.09	.08	.07	.06	.07	.04	.08
30	.03	.20	.05	.11	---	.11	.08	.06	.06	.06	.04	.09
31	.02	---	.09	.07	---	.16	---	.06	---	.06	.05	---
TOTAL	1.69	3.60	2.10	3.32	2.22	7.75	2.74	2.40	1.65	2.41	1.55	2.60
MEAN	.05	.12	.07	.11	.08	.25	.09	.08	.05	.08	.05	.09
MAX	.10	.20	.18	.26	.18	.88	.16	.12	.08	.21	.09	.16
MIN	.02	.03	.04	.02	.03	.08	.08	.06	.04	.05	.04	.07

CAL YR 1986 TOTAL 23.32 MEAN .06 MAX .20 MIN .02
WTR YR 1987 TOTAL 34.03 MEAN .09 MAX .88 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.--Records good except for estimated daily discharges, Oct. 3, 4, Jul. 22, 23, 26, 27, which are poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--15 years, 17.77 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, 163 ft^3/s, Mar. 1, gage height, 4.19 ft; minimum daily, 5.5 ft^3/s, Aug. 24.

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	8.0	13	30	63	21	117	31	15	8.6	9.0	7.1	14
2	6.9	16	26	40	22	73	28	13	8.5	11	16	10
3	6.6	13	21	21	23	47	27	12	8.2	29	13	8.9
4	6.6	11	16	19	20	36	27	12	9.0	14	9.2	8.0
5	6.8	8.7	15	17	19	32	23	15	12	13	7.7	11
6	7.3	10	13	16	24	29	22	13	8.8	11	7.2	14
7	7.0	11	13	16	57	27	22	12	8.3	11	7.1	21
8	6.8	12	13	16	36	53	21	12	7.7	9.3	6.9	22
9	7.7	10	14	16	25	43	20	11	9.6	8.2	7.8	12
10	23	9.6	19	15	23	31	19	10	8.2	7.6	8.3	9.3
11	16	9.4	21	15	22	27	19	10	8.4	15	37	7.9
12	11	10	28	14	21	26	19	12	9.6	66	15	18
13	9.5	10	21	15	20	25	18	15	9.6	29	12	55
14	9.6	8.9	15	14	20	24	18	30	34	14	8.5	17
15	9.1	13	15	14	20	23	20	46	16	12	7.4	11
16	8.4	12	13	16	51	23	21	17	15	8.5	12	9.3
17	8.1	16	13	23	42	22	22	18	22	8.2	12	9.0
18	7.9	14	14	44	28	21	18	15	14	7.2	8.8	8.4
19	7.5	12	15	74	24	42	18	12	26	8.0	7.5	8.7
20	7.7	40	15	47	22	31	16	11	18	7.3	6.7	10
21	7.8	35	14	27	22	24	16	11	14	6.7	6.3	8.6
22	8.0	16	13	95	27	22	16	11	12	7.1	5.8	7.7
23	7.8	14	17	67	28	20	15	11	12	7.4	5.8	8.1
24	7.9	13	38	36	23	19	15	11	12	8.3	5.5	7.9
25	10	12	28	36	20	30	15	9.6	11	11	6.9	7.1
26	9.9	14	18	39	21	31	15	10	15	9.5	6.7	6.8
27	9.2	13	15	29	43	24	14	9.1	14	8.4	6.5	7.6
28	9.0	12	15	25	83	26	15	13	11	10	6.1	6.8
29	9.0	12	15	24	---	24	13	11	10	8.4	6.2	7.0
30	8.9	34	14	23	---	65	12	11	9.0	8.3	5.9	14
31	9.5	---	14	22	---	47	---	9.1	---	8.1	7.0	---
TOTAL	278.5	434.6	551	938	807	1084	575	427.8	381.5	391.5	285.9	366.1
MEAN	8.98	14.5	17.8	30.3	28.8	35.0	19.2	13.8	12.7	12.6	9.22	12.2
MAX	23	40	38	95	83	117	31	46	34	66	37	55
MIN	6.6	8.7	13	14	19	19	12	9.1	7.7	6.7	5.5	6.8

CAL YR 1986 TOTAL 4795.3 MEAN 13.1 MAX 96 MIN 5.8
WTR YR 1987 TOTAL 6520.9 MEAN 17.9 MAX 117 MIN 5.5

021973424 C-003 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°14'47'', long 81°40'27'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, at downstream end of culvert on tributary to Fourmile Creek, 300 ft southeast of C-Area, 0.5 mi north of SRP Road 3.

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

GAGE.--Water-stage recorder. Elevation of gage is 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Oct. 9; Nov. 20, 30; Dec. 14-31; Jan. 1-8, 17-19, 22, 24; Feb. 16, 27, 28; Mar. 1, 30; Jun. 13, 16; Jul. 11, 12; Aug. 10, 31; Sept. 7, 12. Records fair, except for periods of estimated discharges, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Jun. 10, 1986, gage height, 1.87 ft; minimum daily, 0.03 ft^3/s, Feb. 20, 26, 1984.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, probably occurred Dec. 24; gage height, 1.80 ft; minimum daily, 0.27 ft^3, Nov. 18.

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	.46	.89	.50	1.4	.72	1.5	1.1	.42	.32	.46	.45	.57
2	.49	.40	.50	.45	.40	.48	1.6	.42	.33	.44	.41	.46
3	.53	.39	.40	.45	.39	.35	1.7	.41	.57	.42	.39	.44
4	.85	.39	.41	.45	.40	.35	1.6	.41	.34	.35	.39	.45
5	.45	.37	.42	.39	.41	.35	1.7	.37	.32	.33	.50	.47
6	.46	.34	.56	.34	.65	.35	.90	.34	.31	.41	.42	.52
7	.47	.35	.39	.40	1.3	.35	.44	.51	.33	.34	.42	.79
8	.44	.49	.37	.60	.45	.83	.55	.34	.33	.53	.40	2.4
9	.86	.34	.37	.31	.44	.35	.40	.35	.33	.35	.42	1.6
10	.50	.34	.47	.42	.45	.35	.40	.35	.55	.35	.87	.43
11	.47	.32	.53	.35	.45	.35	.42	.35	.34	1.5	.53	.43
12	.40	.28	.93	.46	.45	.37	.42	.35	.33	1.1	.40	1.6
13	.38	.30	.68	.31	.45	.38	.43	.68	.58	.34	.48	.45
14	.37	.30	.50	.31	.45	.39	.44	.77	.58	.35	.39	.43
15	.38	.30	.37	.31	.45	.40	.57	.35	.31	.36	.40	.45
16	.38	.66	.40	.35	1.4	.40	.40	.35	.72	.42	.40	.54
17	.39	.39	.45	.75	.42	.40	.40	.36	.30	.36	.45	.47
18	.54	.27	.45	1.2	.40	.40	.40	.38	.38	.37	.53	.49
19	.45	.30	.45	1.7	.35	.55	.40	.39	.50	.41	.51	.50
20	.45	1.5	.45	.37	.35	.36	.40	.54	.33	.43	.47	.50
21	.48	.34	.45	.49	.35	.37	.36	.32	.33	.45	.48	.52
22	.48	.66	.45	2.6	.42	.40	.33	.31	.32	.64	.49	.59
23	.48	.31	.45	.36	.37	.39	.33	.32	.32	.43	.50	.90
24	.47	.31	1.5	1.1	.48	.39	.32	.31	.31	.48	.49	.74
25	.73	.33	.45	.54	.40	.51	.35	.33	.48	.44	.48	.67
26	.40	.31	.45	.32	.43	.36	.34	.33	.32	.43	.48	.67
27	.40	.35	.45	.34	1.5	.38	.34	.45	.31	.43	.48	.68
28	.40	.35	.45	.35	1.6	.35	.33	.32	.35	.43	.48	.64
29	.40	.75	.45	.35	---	.76	.33	.31	.35	.49	.48	.56
30	.39	1.3	.45	.35	---	.82	.29	.32	.34	.40	.50	.80
31	.42	---	.45	.36	---	.55	---	.33	---	.40	.75	---
TOTAL	14.77	13.93	15.60	18.48	16.33	14.54	17.99	12.09	11.53	14.64	14.84	20.76
MEAN	.48	.46	.50	.60	.58	.47	.60	.39	.38	.47	.48	.69
MAX	.86	1.5	1.5	2.6	1.6	1.5	1.7	.77	.72	1.5	.87	2.4
MIN	.37	.27	.37	.31	.35	.35	.29	.31	.30	.33	.39	.43

CAL. YR 1986 TOTAL 208.65 MEAN .57 MAX 2.2 MIN .27
WTR YR 1987 TOTAL 185.50 MEAN .51 MAX 2.6 MIN .27

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.

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

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 good. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 570 ft^3/s, May 28, 1984, gage height, 5.10 ft; no flow on Apr. 14 and on a frequent bases throughout the reminder of the water year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 27 ft^3/s, Mar. 1, gage height, 3.84 ft; no flow on Apr. 14 and on a frequent bases through out the reminder of the water year.

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	5.1	9.2	16	24	12	27	2.8	.00	.00	.32	.06	.00
2	6.6	9.3	17	17	13	14	4.2	.00	.00	.64	.00	.00
3	5.1	9.3	17	17	12	14	4.9	.00	.39	.26	.00	.00
4	1.9	9.3	16	17	11	13	3.6	.19	.26	.00	.00	.00
5	1.8	9.3	17	16	12	14	3.6	.00	.32	.00	.00	.00
6	3.5	9.3	17	15	13	13	1.2	.00	.00	.00	.00	.00
7	4.4	11	17	16	17	13	.06	.00	.00	.00	.00	.00
8	5.4	11	17	21	13	18	.71	.00	.00	.00	.00	.06
9	7.9	11	17	17	12	15	.45	.00	.00	.00	.00	.26
10	9.4	12	17	11	12	14	.52	.00	.32	.00	.00	1.7
11	8.1	12	18	11	12	14	.19	.00	.32	4.8	.00	2.2
12	8.6	12	18	11	12	16	.32	.00	.00	3.8	.00	1.5
13	9.3	13	17	11	12	11	.06	.00	1.4	.00	.00	4.6
14	9.0	12	16	11	12	4.1	.00	.64	.58	.00	.00	4.4
15	8.3	13	16	11	12	4.7	1.2	.00	.00	.00	.00	2.9
16	8.6	15	16	11	18	5.3	.00	.00	.77	.19	.00	1.2
17	9.3	16	17	11	13	4.5	.00	.00	.00	.13	.00	.87
18	9.3	14	17	15	13	2.6	.00	.00	.42	.00	.00	.26
19	9.1	11	17	20	12	4.9	.00	.00	.23	.19	.00	.00
20	8.4	15	17	12	12	1.3	.00	.00	.00	.71	.00	.00
21	8.5	12	17	13	12	1.2	.00	.00	.00	.90	.00	.32
22	8.8	13	17	25	13	1.1	.00	.00	.00	4.9	.00	3.7
23	9.3	14	17	13	12	1.0	.00	.00	.00	7.5	.00	3.9
24	9.3	14	19	13	12	.80	.00	.00	.00	7.3	.00	3.4
25	9.4	13	17	14	12	7.6	.00	.00	.00	8.1	.00	2.8
26	9.3	16	17	12	11	3.5	.00	.00	.00	8.4	.00	2.4
27	9.2	15	17	12	15	3.0	.06	.00	.00	8.4	.00	2.7
28	8.6	16	17	12	18	3.2	.00	.00	.00	8.3	.00	2.8
29	8.3	17	17	11	---	6.1	.00	.00	.00	3.2	.00	3.1
30	8.4	18	17	12	---	13	.00	.00	.00	.00	.00	3.2
31	8.3	---	17	11	---	5.4	---	.00	---	.45	.00	---
TOTAL	236.5	381.7	526	443	360	269.30	23.87	.83	5.01	68.49	.06	48.27
MEAN	7.63	12.7	17.0	14.3	12.9	8.69	.80	.03	.17	2.21	.0	1.61
MAX	9.4	18	19	25	18	27	4.9	.64	1.4	8.4	.06	4.6
MIN	1.8	9.2	16	11	11	.80	.00	.00	.00	.00	.00	.00

CAL YR 1986 TOTAL 7653.88 MEAN 21.0 MAX 116 MIN 1.8
WTR YR 1987 TOTAL 2363.01 MEAN 6.47 MAX 27 MIN .00

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, 5.5°C, Feb. 9, 1987.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 30.5°C, Jul. 10, 11; minimum, 5.5°C, Feb. 9.

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

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

021973426 C-004 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.5	7.5	9.0	15.5	11.0	13.5	14.0	11.0	12.0	21.0	19.5	20.0
2	10.5	8.5	9.5	12.5	9.5	11.0	13.5	11.0	12.0	22.0	21.0	21.5
3	12.0	9.0	10.0	12.0	9.0	10.5	14.5	13.5	14.0	23.0	22.0	22.5
4	12.5	9.0	10.0	11.5	9.5	10.5	13.5	11.0	12.0	23.0	22.5	23.0
5	10.5	9.0	10.0	11.0	9.0	10.0	12.5	11.0	12.0	23.0	21.0	22.0
6	10.5	8.5	9.5	11.0	9.0	10.0	13.0	12.0	12.5	21.0	19.0	20.0
7	11.0	9.5	10.5	11.5	9.5	10.0	13.5	13.0	13.0	20.5	19.5	20.0
8	14.0	7.5	10.0	14.5	11.5	13.0	14.0	13.0	13.5	22.0	20.5	21.5
9	10.0	5.5	8.0	14.5	12.0	13.5	15.0	14.0	14.5	22.5	21.0	22.0
10	11.5	6.0	8.5	13.5	10.5	12.0	15.5	14.5	15.0	22.0	20.5	21.5
11	12.0	7.0	9.0	11.5	9.0	10.0	17.0	15.5	16.0	22.0	21.5	21.5
12	14.0	8.5	11.0	11.0	9.5	10.0	19.0	16.5	17.5	22.5	22.0	22.0
13	13.0	8.5	10.0	10.5	8.5	9.5	19.5	18.5	19.0	22.5	22.0	22.0
14	12.0	8.5	10.0	10.5	9.0	9.5	19.5	19.5	19.5	22.5	22.0	22.0
15	12.5	9.0	10.5	11.0	9.5	10.0	20.5	19.0	20.0	22.5	21.5	22.0
16	11.0	7.5	8.5	12.0	11.0	11.5	20.5	19.0	19.5	23.5	22.5	23.0
17	9.5	6.5	8.0	12.0	11.5	12.0	19.0	16.5	17.5	25.0	23.5	24.0
18	10.5	8.0	9.0	12.0	11.5	12.0	17.0	16.5	17.0	25.5	24.5	25.0
19	12.0	8.5	10.0	12.0	11.5	12.0	17.0	17.0	17.0	26.0	24.5	25.5
20	11.5	8.0	9.5	12.0	11.5	12.0	18.0	17.0	17.5	26.0	25.5	26.0
21	10.5	9.0	9.5	12.5	12.0	12.5	19.0	18.0	18.5	26.0	25.0	25.5
22	9.5	8.5	9.0	13.5	12.5	13.0	20.5	19.0	19.5	25.5	24.0	24.5
23	12.0	8.0	9.5	14.0	13.0	13.5	21.5	20.5	21.0	25.0	24.0	24.5
24	10.5	8.0	9.0	14.5	14.0	14.0	22.0	21.5	22.0	25.5	24.5	25.0
25	10.5	9.0	9.5	15.0	14.0	14.5	22.0	19.0	20.5	26.0	25.0	25.5
26	9.5	9.0	9.5	16.0	15.0	15.5	19.0	16.5	17.5	26.5	25.5	26.0
27	8.5	7.5	9.0	16.5	16.0	16.0	18.0	16.5	17.5	26.5	25.0	26.0
28	10.5	7.5	9.0	17.5	16.5	17.0	19.0	17.5	18.5	26.0	25.0	25.5
29	---	---	---	18.0	17.5	17.5	19.5	18.0	19.0	26.0	25.0	25.5
30	---	---	---	18.0	16.5	17.0	19.5	18.5	19.0	26.0	25.0	25.5
31	---	---	---	18.0	14.0	15.5	---	---	---	26.5	25.5	26.0
MONTH	14.0	5.5	9.5	18.0	8.5	12.5	22.0	11.0	17.0	26.5	19.0	23.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.0	26.0	26.5	29.0	28.0	28.5	29.0	28.5	29.0	---	---	---
2	28.0	26.5	27.5	29.0	28.0	28.5	29.0	28.0	28.5	---	---	---
3	28.0	27.5	28.0	29.0	27.0	28.0	29.0	28.0	28.5	25.5	25.0	25.0
4	28.0	27.0	27.5	28.5	27.5	28.0	29.5	28.5	29.0	25.5	24.0	25.0
5	27.5	26.0	26.5	28.5	27.5	28.5	29.5	29.0	29.0	24.0	22.5	23.0
6	27.0	25.0	26.0	29.0	28.5	29.0	29.5	29.0	29.5	23.0	23.0	23.0
7	26.0	25.0	25.5	29.0	27.5	28.0	29.5	29.0	29.0	---	---	---
8	26.0	25.0	25.5	29.0	28.0	28.5	29.0	28.5	28.5	---	---	---
9	26.5	25.5	26.0	30.0	28.5	29.5	29.0	28.5	29.0	---	---	---
10	27.0	26.0	26.5	30.5	29.5	30.0	29.5	28.5	29.0	25.0	24.0	24.5
11	27.5	27.0	27.0	30.5	28.0	29.5	29.0	25.0	27.5	26.0	25.0	25.5
12	27.5	26.5	27.5	27.5	26.5	27.0	28.0	27.5	27.5	26.0	25.0	25.5
13	27.5	25.5	27.0	28.0	27.0	27.5	28.0	27.0	28.0	25.0	24.5	24.5
14	25.5	24.5	25.0	29.5	28.0	28.5	28.0	27.5	28.0	25.0	24.5	24.5
15	26.0	25.0	25.5	29.5	28.5	29.5	28.0	27.0	27.5	25.5	24.5	25.0
16	27.0	26.0	26.5	29.5	27.5	28.5	27.5	27.5	27.5	25.5	25.0	25.5
17	26.0	25.5	26.0	28.5	27.0	28.0	28.5	25.0	27.5	26.0	25.5	25.5
18	27.0	26.0	26.5	28.0	27.0	27.5	28.5	28.0	28.5	26.0	25.0	25.5
19	27.0	26.0	26.5	28.0	26.5	27.5	28.5	27.5	28.0	26.0	25.0	25.5
20	27.5	26.5	27.0	27.5	26.5	27.0	28.5	27.5	28.0	25.5	24.5	25.0
21	28.5	27.5	28.0	27.5	26.5	27.0	28.0	27.0	27.5	25.5	24.0	24.5
22	28.5	27.0	27.5	28.0	27.0	27.5	27.5	27.5	27.5	24.5	22.5	23.0
23	27.5	27.0	27.5	28.5	27.5	28.0	28.0	27.0	28.0	22.5	21.5	22.0
24	28.5	27.0	28.0	29.0	28.5	28.5	28.0	27.0	28.0	22.0	20.5	21.5
25	29.0	28.5	28.5	---	---	---	28.0	25.5	27.0	21.5	20.0	21.0
26	28.5	27.0	27.5	---	---	---	27.0	19.5	26.0	21.0	20.5	21.0
27	28.5	27.0	28.0	---	---	---	27.0	25.0	26.5	21.0	20.5	21.0
28	28.0	26.5	27.5	---	---	---	27.5	24.0	27.0	22.0	21.0	21.5
29	27.5	26.0	27.0	28.5	28.0	28.0	28.0	26.5	27.5	22.0	21.5	22.0
30	28.0	27.0	27.5	28.5	27.5	28.5	28.0	25.5	26.5	22.5	22.0	22.5
31	---	---	---	29.0	28.0	28.5	27.5	25.5	26.5	---	---	---
MONTH	29.0	24.5	27.0	30.5	26.5	28.5	29.5	19.5	28.0	26.0	20.0	23.5
YEAR	30.5	5.5	19.0									

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, 13 ft^3/s, Aug. 24-25, 28-29, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 436 ft^3/s, Mar. 1, gage height, 3.14 ft; minimum daily, 13 ft^3/s, Aug. 24-25, 28-29.

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	32	35	61	103	38	269	47	28	25	24	16	25
2	32	37	46	74	39	119	43	27	24	26	19	19
3	32	34	42	42	41	68	43	26	24	41	24	17
4	29	33	35	39	37	56	43	26	26	34	18	16
5	29	31	34	37	37	52	40	31	29	28	16	19
6	31	31	33	35	42	50	38	27	26	26	15	23
7	31	32	32	35	77	48	38	27	25	26	15	30
8	32	33	32	38	59	71	37	26	25	24	15	36
9	35	32	32	38	43	68	36	25	26	22	15	24
10	48	31	37	32	41	53	35	24	25	20	16	18
11	45	31	40	32	39	48	35	24	25	25	36	17
12	39	32	46	31	39	47	35	27	27	95	32	26
13	38	32	46	31	38	46	34	30	28	57	20	79
14	37	31	35	30	38	42	34	38	51	28	17	38
15	37	34	34	30	38	41	36	61	39	24	15	23
16	36	35	32	32	68	41	36	34	33	20	16	18
17	36	38	32	39	72	40	37	32	40	19	20	17
18	35	37	33	54	47	40	35	30	33	18	16	17
19	35	32	34	119	42	55	33	27	42	18	15	18
20	34	53	34	80	40	50	32	26	40	18	15	20
21	34	70	33	45	40	41	31	26	30	17	15	18
22	34	37	33	178	43	39	31	26	28	17	15	17
23	34	33	35	103	46	38	30	26	28	17	15	17
24	33	32	50	53	40	37	30	26	28	16	13	17
25	34	31	51	50	38	49	30	25	27	19	13	17
26	34	33	37	55	38	50	30	25	31	18	14	16
27	33	32	35	46	59	42	29	25	31	17	14	16
28	32	31	34	42	129	43	29	28	27	19	13	16
29	32	32	34	40	---	41	28	26	26	17	13	16
30	32	45	34	40	---	76	27	27	24	17	14	22
31	33	---	34	38	---	68	---	25	---	17	18	---
TOTAL	1068	1060	1160	1641	1348	1828	1042	881	893	784	528	672
MEAN	34.5	35.3	37.4	52.9	48.1	59.0	34.7	28.4	29.8	25.3	17.0	22.4
MAX	48	70	61	178	129	269	47	61	51	95	36	79
MIN	29	31	32	30	37	37	27	24	24	16	13	16

CAL YR 1986 TOTAL 17319 MEAN 47.4 MAX 222 MIN 24
WTR YR 1987 TOTAL 12905 MEAN 35.4 MAX 269 MIN 13

02197345 K-011 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°12'40'', long 81°40'28'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, approximately 500 ft upstream of Indian Grave Branch, 0.3 mi upstream of SRP Road B, 0.5 mi west of K-Area.

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: Feb. 18-20. 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, 527 ft^3/s, Sept. 29, gage height, 3.41 ft; minimum daily, 33 ft^3/s, Dec. 17.

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	487	478	217	64	146	120	442	474	459	459	460	485
2	482	472	235	70	138	291	461	479	464	458	459	467
3	483	469	166	82	109	135	463	469	465	456	457	464
4	482	472	100	73	118	132	460	467	469	454	458	465
5	482	473	34	72	122	120	462	453	474	456	460	467
6	489	468	34	75	119	121	461	451	475	450	463	459
7	479	467	34	81	133	128	457	457	466	452	459	417
8	476	470	36	83	135	134	459	455	191	452	462	216
9	475	472	38	81	136	110	466	460	174	453	467	218
10	482	474	45	84	133	394	460	448	256	456	469	216
11	481	472	45	84	140	323	449	455	271	456	466	217
12	481	471	53	82	121	441	466	458	349	460	468	214
13	491	471	51	102	99	445	464	457	446	464	473	219
14	476	471	50	122	75	437	450	448	465	463	450	240
15	480	472	35	135	86	438	453	441	470	457	471	234
16	481	480	44	135	106	444	455	449	469	457	470	299
17	477	469	33	131	133	434	447	456	446	458	474	397
18	483	475	41	131	201	443	452	454	417	461	476	456
19	401	474	42	136	115	449	456	456	397	469	472	460
20	162	474	44	125	115	448	455	455	457	464	470	465
21	173	475	44	126	104	449	457	457	462	465	471	468
22	174	478	44	131	59	449	461	452	462	459	468	472
23	412	478	44	99	65	445	458	452	460	458	472	477
24	465	475	43	97	94	451	455	458	463	461	469	478
25	467	471	42	92	131	452	447	461	458	460	471	482
26	472	474	42	88	107	454	457	457	458	457	467	485
27	473	469	42	93	100	446	449	456	459	455	468	482
28	474	475	42	90	102	451	456	455	447	456	470	485
29	472	477	42	100	---	448	452	458	449	456	476	486
30	474	454	41	115	---	443	464	454	458	460	476	478
31	471	---	45	109	---	440	---	455	---	462	474	---
TOTAL	13757	14170	1848	3088	3242	10915	13694	14157	12656	14204	14486	11868
MEAN	444	472	59.6	99.6	116	352	456	457	422	458	467	396
MAX	491	480	235	136	201	454	466	479	475	469	476	486
MIN	162	454	33	64	59	110	442	441	174	450	450	214

WTR YR 1987 TOTAL 128085 MEAN 351 MAX 491 MIN 33

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.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 71.0°C Nov. 8; minimum, 3.0°C, Jan. 5, 6, 23-29.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	69.5	63.0	68.5	68.0	61.5	65.0	14.5	13.0	13.5	11.0	10.0	10.0
2	69.0	68.0	68.5	69.0	67.5	68.5	13.5	12.0	13.0	10.5	9.0	9.5
3	69.0	67.0	68.0	69.5	60.0	67.5	13.5	9.5	12.0	10.0	8.0	9.5
4	68.5	62.5	67.5	69.0	67.5	68.0	13.5	8.0	10.0	8.5	8.0	8.5
5	68.5	67.5	67.5	69.5	62.5	67.5	12.5	10.0	10.5	9.0	3.0	6.5
6	68.5	61.5	66.0	70.0	67.5	69.0	13.5	10.0	12.0	9.0	3.0	6.5
7	68.5	61.5	63.5	70.5	68.5	70.0	13.5	10.0	12.0	9.5	8.0	9.5
8	68.5	61.5	66.5	71.0	63.0	69.5	13.5	10.0	11.5	10.0	8.0	9.0
9	68.5	61.5	67.5	70.5	60.5	69.0	12.0	10.0	11.0	10.5	9.0	9.5
10	67.5	60.5	61.5	70.5	63.0	68.5	12.0	10.0	11.5	11.0	10.0	10.5
11	62.5	60.5	61.5	70.0	63.5	68.5	12.5	11.0	11.5	10.5	9.0	9.5
12	67.5	60.5	62.0	69.5	62.0	67.5	11.5	10.0	11.0	10.5	9.0	9.5
13	67.5	59.5	62.0	68.5	61.5	64.0	13.5	10.0	11.0	10.5	9.0	9.5
14	63.0	60.5	61.5	64.0	60.5	62.0	13.5	12.0	12.5	10.5	9.0	9.5
15	62.5	59.5	61.0	63.5	60.5	61.5	13.0	10.0	11.5	10.5	10.0	10.5
16	62.5	60.0	61.0	64.0	60.5	61.5	13.5	10.0	12.0	11.0	10.0	10.5
17	62.5	59.5	61.0	64.0	60.5	63.0	13.0	10.0	11.5	11.0	11.0	11.0
18	62.5	59.5	60.5	64.0	52.5	61.5	13.5	10.0	11.5	11.0	10.0	10.5
19	60.5	17.5	39.0	64.5	60.0	62.5	13.5	10.0	12.5	12.0	10.0	11.0
20	18.0	12.5	15.0	64.5	61.0	63.0	13.5	10.0	12.5	10.5	9.0	10.0
21	17.5	12.5	13.5	64.5	61.0	63.5	13.5	12.0	12.5	9.5	9.0	9.5
22	17.5	12.5	13.5	64.5	59.0	61.5	13.0	11.0	11.5	9.5	8.0	9.0
23	18.5	12.5	15.0	64.0	60.5	62.5	12.5	11.0	11.5	8.5	3.0	8.0
24	28.0	12.5	19.5	64.0	60.5	62.0	13.5	10.0	12.0	8.5	3.0	4.5
25	48.0	21.5	37.5	65.0	52.5	61.5	13.0	12.0	12.5	8.0	3.0	3.5
26	63.0	48.0	60.5	62.0	51.5	54.0	13.5	12.0	12.5	3.5	3.0	3.5
27	62.5	60.5	61.5	63.0	54.5	61.0	13.0	11.0	12.0	3.5	3.0	3.0
28	68.0	59.0	62.0	63.0	54.0	60.0	13.0	11.0	11.5	8.0	3.0	4.0
29	63.0	60.5	62.0	62.0	53.0	60.0	13.0	10.0	11.5	8.5	3.0	6.0
30	68.0	60.5	63.5	61.5	12.0	25.0	12.5	10.0	11.0	10.5	8.0	9.5
31	68.5	61.5	65.0	---	---	---	12.0	10.0	10.5	10.5	9.0	10.0
MONTH	69.5	12.5	54.5	71.0	12.0	63.0	14.5	8.0	11.5	12.0	3.0	8.5

02197345 K-011, AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.0	9.0	10.0	10.5	9.5	10.0	45.0	43.5	44.5	48.5	45.5	48.0
2	10.5	10.0	10.0	10.5	9.5	10.0	44.0	43.0	43.5	49.0	48.0	48.5
3	10.5	10.0	10.0	11.5	10.0	10.5	44.0	43.0	44.0	49.5	49.0	49.0
4	11.0	10.0	10.5	11.5	10.5	11.0	43.5	42.5	43.0	50.0	49.0	49.5
5	11.0	10.0	10.0	11.0	10.0	10.5	43.0	42.5	42.5	50.0	49.0	49.5
6	10.5	10.0	10.5	11.0	10.0	10.0	43.0	42.0	42.5	49.0	45.0	48.0
7	10.5	10.0	10.0	10.5	10.0	10.0	43.0	42.5	43.0	45.0	44.5	44.5
8	10.5	9.0	10.0	11.5	10.5	11.0	43.5	43.0	43.0	44.5	44.0	44.5
9	10.0	9.0	9.5	12.0	11.0	11.5	44.0	43.0	43.5	45.5	44.5	45.0
10	10.0	8.0	9.0	12.0	11.0	11.5	44.0	43.5	44.0	45.5	45.0	45.0
11	9.5	8.0	9.0	11.0	10.5	10.5	44.5	44.0	44.0	45.5	45.0	45.5
12	10.5	9.0	9.5	10.5	10.0	10.5	45.0	44.5	45.0	46.0	45.0	45.5
13	11.0	9.0	10.0	10.5	10.0	10.0	46.5	45.0	46.0	45.5	45.5	45.5
14	11.0	10.0	10.5	11.0	10.5	10.5	46.5	46.0	46.5	45.5	44.5	45.0
15	11.5	10.0	10.5	36.0	11.0	13.5	46.0	40.5	44.0	45.5	44.5	45.0
16	10.5	9.0	10.0	38.5	36.5	37.5	45.0	44.0	44.5	45.5	44.5	45.0
17	9.5	9.0	9.5	55.0	38.0	50.5	44.5	44.5	44.5	46.0	45.5	45.5
18	9.0	8.0	8.5	56.0	53.5	54.0	45.0	44.5	44.5	47.0	46.0	46.5
19	---	---	---	59.5	55.5	58.5	46.0	45.0	45.5	48.0	46.5	47.0
20	10.0	9.5	9.5	59.0	51.5	57.0	47.0	45.5	46.5	48.0	47.5	47.5
21	10.0	9.5	10.0	52.0	42.0	44.0	48.5	47.0	47.5	47.5	46.5	47.0
22	10.0	9.5	10.0	44.0	42.5	43.5	48.5	48.5	48.5	46.5	46.5	46.5
23	11.0	9.5	10.0	44.5	43.5	44.0	48.5	47.5	48.0	47.5	46.5	47.0
24	10.0	9.5	10.0	44.5	44.0	44.5	48.0	47.0	47.5	48.0	47.0	47.5
25	10.0	9.5	9.5	45.0	44.0	44.5	47.5	47.0	47.5	48.5	47.0	47.5
26	10.0	9.5	9.5	44.5	44.0	44.0	47.5	46.5	47.0	49.0	48.0	48.5
27	9.5	9.0	9.0	44.5	44.0	44.0	47.5	47.0	47.0	49.0	48.0	48.5
28	9.5	9.0	9.0	45.0	44.5	45.0	48.0	47.0	47.5	48.5	47.5	48.0
29	---	---	---	45.5	45.0	45.5	48.0	47.0	48.0	48.0	47.5	47.5
30	---	---	---	47.0	45.0	46.0	48.5	47.5	48.0	48.5	47.0	48.0
31	---	---	---	46.5	45.0	45.5	---	---	---	49.0	48.0	48.5
MONTH	11.5	8.0	10.0	59.5	9.5	29.5	48.5	40.5	45.5	50.0	44.0	47.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	49.5	48.5	49.0	49.0	48.5	49.0	48.0	28.5	39.5	47.0	44.5	46.0
2	50.0	49.0	49.5	49.0	47.5	48.5	47.5	44.5	47.0	47.0	46.5	47.0
3	50.0	49.0	49.5	48.5	47.0	48.0	47.5	47.0	47.5	47.0	46.0	46.5
4	49.0	48.0	48.5	48.5	48.5	48.5	48.5	45.5	47.0	45.5	44.5	45.0
5	48.5	48.0	48.0	48.5	48.0	48.5	49.0	47.5	48.0	45.0	44.0	44.5
6	48.5	47.5	48.0	48.5	48.0	48.5	48.0	46.5	47.0	45.0	44.0	44.5
7	48.5	41.5	46.0	48.5	48.0	48.0	47.0	46.0	46.5	45.0	21.5	30.0
8	44.5	43.0	43.5	49.0	48.0	48.5	47.0	45.5	46.5	23.0	21.5	22.5
9	45.0	43.5	44.0	50.0	45.0	48.0	47.0	46.0	46.5	23.0	22.5	23.0
10	44.5	43.5	44.0	50.0	48.0	49.5	48.0	44.5	46.5	22.5	22.0	22.0
11	44.0	43.5	43.5	50.0	48.0	49.0	48.5	47.5	48.5	23.0	22.0	22.5
12	44.0	43.0	43.5	48.5	47.5	48.0	48.5	47.5	48.5	22.5	22.0	22.0
13	44.0	43.0	43.5	48.0	46.5	47.5	48.0	46.5	47.0	22.5	21.5	22.0
14	46.0	42.5	44.0	48.5	47.0	48.0	47.5	46.0	46.5	23.0	22.5	23.0
15	45.5	42.5	44.5	49.0	46.0	47.5	47.0	46.0	46.5	23.5	23.0	23.0
16	47.0	41.5	44.5	49.5	46.5	48.5	47.0	46.0	46.5	23.0	21.5	22.0
17	49.0	42.0	44.0	49.5	49.0	49.0	46.5	45.5	46.0	22.0	21.5	21.5
18	42.5	42.0	42.5	49.0	48.5	49.0	47.0	46.5	47.0	22.0	21.5	21.5
19	43.0	42.5	42.5	48.5	48.0	48.0	47.0	45.0	46.0	22.0	21.5	21.5
20	48.5	40.0	44.5	48.5	47.5	47.5	45.0	44.5	45.0	42.5	21.5	30.5
21	48.5	40.0	46.0	47.5	46.0	46.5	46.0	45.0	45.5	45.5	42.0	43.5
22	48.5	44.5	48.0	46.5	46.0	46.5	46.5	45.5	46.0	45.5	45.0	45.5
23	48.5	48.0	48.5	47.0	46.5	46.5	46.5	45.5	46.0	45.5	44.0	44.5
24	49.0	48.5	48.5	47.5	46.5	47.0	46.5	45.5	46.0	45.0	42.0	44.0
25	49.0	48.0	48.5	48.0	45.5	47.5	47.0	46.5	47.0	44.5	43.5	44.0
26	48.0	45.5	47.5	48.5	47.0	48.0	47.0	43.0	46.0	44.5	43.5	44.0
27	48.0	47.5	48.0	47.0	46.0	46.5	46.0	45.0	45.5	44.5	43.5	44.0
28	48.5	47.5	48.0	47.5	46.0	47.0	45.5	44.5	45.0	45.0	43.5	44.0
29	49.0	48.0	48.5	48.0	24.0	45.0	45.5	44.5	45.0	45.5	43.0	44.5
30	49.5	48.5	49.0	46.0	24.0	29.0	46.5	45.0	46.0	45.0	42.0	44.5
31	---	---	---	48.0	24.0	31.5	46.5	45.5	46.0	---	---	---
MONTH	50.0	40.0	46.5	50.0	24.0	46.5	49.0	28.5	46.0	47.0	21.5	35.0
YEAR	71.0	3.0	37.0									

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 September 1987.

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. 20, 30, Dec. 24, Jan. 1, 18, 19, 22, Feb. 7, 16, 27, 28, Mar. 1, 25, June 8-13, July 11, and Sept. 12-13, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, Mar. 1, 1987, gage height, 3.93 ft; minimum daily, 0.07 ft^3/s, June 11, 12, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, undetermined, Mar. 1, gage height, 3.93 ft; minimum daily, 0.07 ft^3/s, June 11, 12.

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	---	1.6	1.5	6.4	.78	10	.90	.25	.17	.32	.34	1.4
2	---	1.3	1.3	1.1	1.2	1.8	.73	.25	.15	.75	.40	.63
3	---	.96	.83	.77	1.0	1.1	.94	.23	.15	1.6	.39	.53
4	---	1.1	.46	.78	.77	.94	.91	.35	.24	.51	.34	.50
5	---	.87	.36	.75	.69	.85	.74	.72	.31	.37	.31	.67
6	---	.45	.37	.67	1.4	.75	.69	.38	.20	.33	.31	1.6
7	---	.46	.41	.65	5.2	.76	.68	.31	.17	.34	.32	1.2
8	---	.59	.41	.64	1.7	3.2	.67	28	.09	.29	.34	.52
9	---	.70	.49	.62	.97	1.5	.65	.26	.08	.26	.33	.26
10	---	.85	.64	.65	.74	1.0	.58	.23	.08	.23	.48	.19
11	---	.88	1.1	.61	.67	.77	.54	.22	.07	2.3	2.3	.18
12	---	.91	2.2	.61	.61	.78	.50	.51	.07	3.6	.62	3.0
13	---	1.0	.84	.59	.49	.74	.46	.46	.09	1.2	.44	2.7
14	---	.81	.56	.58	.49	.75	.49	1.3	1.4	.57	.38	.80
15	---	1.2	.61	.66	.48	.71	.89	.87	.46	.43	.40	.58
16	---	1.1	.54	1.0	4.5	.69	.62	.44	.66	.36	.42	.58
17	---	2.2	.55	1.5	1.5	.65	.56	.34	.80	.34	.43	.61
18	---	1.4	.61	3.4	.91	.76	.55	.29	.36	.33	.43	.66
19	---	.97	.58	5.8	.65	2.0	.45	.26	2.4	.37	.42	.88
20	---	4.6	.52	1.3	.52	1.0	.42	.26	.76	.33	.41	1.0
21	---	2.3	.48	1.2	.54	.75	.39	.27	.44	.34	.39	.76
22	---	1.7	.49	13	1.1	.62	.38	.29	.38	.31	.36	.68
23	.26	1.5	.98	2.1	.83	.60	.36	.25	.44	.32	.32	.65
24	.25	1.3	3.4	1.2	.60	.61	.38	.23	.35	.41	.33	.61
25	.35	1.2	.81	2.0	.51	4.0	.36	.21	.55	.52	.34	.58
26	.41	1.3	.53	1.4	.65	1.7	.35	.20	.75	.40	.30	.57
27	.41	1.3	.50	1.1	4.0	1.2	.32	.23	.51	.35	.29	.57
28	.40	1.2	.50	1.0	5.9	1.1	.30	.29	.32	.36	.24	.59
29	.39	1.2	.49	.95	---	1.5	.28	.22	.26	.34	.25	.61
30	.39	4.0	.49	.96	---	3.5	.27	.19	.25	.36	.34	1.4
31	.87	---	.54	.85	---	2.0	---	.17	---	.35	1.2	---
TOTAL	---	40.95	24.09	54.84	39.40	48.33	16.36	10.76	12.96	18.89	14.17	25.51
MEAN	---	1.36	.78	1.77	1.41	1.56	.55	.35	.43	.61	.46	.85
MAX	---	4.6	3.4	13	5.9	10	.94	1.3	2.4	3.6	2.3	3.0
MIN	---	.45	.36	.58	.48	.60	.27	.17	.07	.23	.24	.18

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 Road B, 1.2 mi west of SRP Road 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, May 9 to June 3. Records above 100 ft^3/s are undefined. Records poor. 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, 0.70 ft^3/s, Aug. 3, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Mar. 1 , gage height, 4.62 ft; minimum daily, 2.0 ft^3/s, Jul. 21.

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	3.7	5.2	11	84	11	226	19	7.6	2.5	3.1	2.2	20
2	4.4	4.8	11	36	13	48	18	4.6	2.2	4.6	3.9	4.1
3	4.7	4.6	7.5	17	13	26	17	4.4	2.1	7.9	3.1	3.6
4	3.9	4.5	5.7	10	11	21	17	4.9	4.6	4.9	2.7	3.4
5	3.8	4.5	5.2	12	11	19	15	11	6.9	4.2	2.4	3.8
6	4.0	4.7	5.1	11	17	18	14	6.0	3.9	4.2	2.5	20
7	4.4	6.1	5.4	8.9	47	17	14	4.9	3.0	4.0	2.5	14
8	4.6	6.9	5.3	9.0	25	49	13	4.0	3.0	3.7	2.7	8.3
9	7.4	7.9	5.3	9.0	15	30	12	3.6	2.8	3.3	2.8	5.1
10	12	9.1	6.0	9.0	12	20	12	3.7	2.8	3.1	2.8	3.4
11	6.2	11	7.8	8.9	12	17	11	5.1	2.7	4.8	9.5	3.7
12	4.7	11	15	8.6	12	16	10	7.8	3.7	14	4.5	34
13	5.1	12	9.7	8.3	10	16	9.6	12	3.5	6.2	3.4	32
14	5.3	12	5.9	8.0	10	16	8.5	20	11	3.9	3.1	7.5
15	4.4	15	5.4	8.0	10	14	13	12	6.2	3.2	2.8	5.1
16	3.9	15	5.3	9.2	55	13	14	7.0	4.2	3.0	3.5	4.2
17	4.1	19	5.2	16	27	12	11	5.1	6.9	3.0	3.2	3.9
18	4.0	15	5.4	34	15	12	10	4.6	5.1	3.0	2.7	3.6
19	3.7	12	5.4	122	13	31	11	4.5	14	2.9	2.7	3.9
20	3.9	35	5.3	43	11	19	9.2	4.5	6.1	2.9	2.6	4.6
21	4.2	11	5.4	20	11	14	8.4	4.6	4.3	2.0	2.5	3.9
22	4.1	5.2	5.5	192	13	12	8.2	4.7	3.7	2.5	2.4	3.5
23	4.1	5.1	7.2	58	15	14	7.4	4.3	3.0	2.4	2.3	3.3
24	4.2	5.1	25	22	11	12	6.8	3.8	2.8	2.4	2.3	3.2
25	5.0	5.9	9.0	23	10	62	6.6	3.5	3.6	2.6	2.5	3.2
26	5.1	11	6.8	26	10	42	6.9	3.9	6.3	2.6	2.4	3.1
27	4.8	13	6.3	19	36	21	6.3	4.4	4.5	2.4	2.4	3.1
28	4.6	14	6.4	16	108	20	6.0	4.7	3.5	2.4	2.3	3.1
29	4.5	16	6.5	14	---	18	5.7	3.7	2.9	2.4	2.3	3.1
30	4.4	36	10	13	---	40	5.8	3.2	2.6	2.4	3.0	5.2
31	4.8	---	13	12	---	32	---	2.9	---	2.3	4.9	---
TOTAL	148.0	337.6	239.0	886.9	564	927	326.4	181.0	134.4	116.3	94.9	222.9
MEAN	4.77	11.3	7.71	28.6	20.1	29.9	10.9	5.84	4.48	3.75	3.06	7.43
MAX	12	36	25	192	108	226	19	20	14	14	9.5	34
MIN	3.7	4.5	5.1	8.0	10	12	5.7	2.9	2.1	2.0	2.2	3.1

CAL YR 1986 TOTAL 1995.2 MEAN 5.47 MAX 60 MIN .70
WTR YR 1987 TOTAL 4178.4 MEAN 11.4 MAX 226 MIN 2.0

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.--Records good, except for estimated daily discharges, Dec. 2-17, Aug. 3-5, which are fair. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 948 ft^3/s, Mar. 13, 1980, gage height, 3.81 ft; minimum daily, 21 ft^3/s, Aug. 4, 1979.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 452 ft^3/s, Sept. 1, gage height, 2.85 ft; minimum daily, 27 ft^3/s, Dec. 30.

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	366	369	227	132	158	283	375	373	387	389	399	420
2	361	365	240	109	154	284	370	372	387	397	397	408
3	361	359	150	98	132	189	372	372	388	402	401	396
4	362	359	100	76	125	162	371	373	395	394	402	395
5	362	362	37	75	137	147	370	379	397	392	404	396
6	364	360	33	72	131	148	370	376	393	391	404	409
7	362	360	32	81	201	148	370	375	392	391	403	402
8	358	362	35	84	173	187	370	375	200	393	404	202
9	365	362	40	80	154	130	373	374	124	392	407	178
10	380	362	45	85	151	350	373	375	207	409	409	175
11	372	362	50	85	151	253	374	375	212	410	424	170
12	369	361	55	81	140	357	374	382	255	399	411	194
13	384	363	50	96	101	354	375	381	358	394	407	210
14	368	360	50	121	78	353	374	389	387	393	408	198
15	367	365	35	139	81	351	381	393	382	391	408	183
16	363	374	40	143	167	350	379	382	379	392	408	212
17	360	375	30	151	155	347	377	379	372	402	410	308
18	364	378	40	171	241	347	376	379	348	397	409	354
19	348	371	40	230	128	377	376	379	348	394	410	366
20	144	401	40	177	148	365	375	382	382	394	406	368
21	142	387	40	149	151	353	375	380	379	394	406	363
22	143	376	40	275	97	347	374	382	378	396	407	361
23	287	373	45	172	100	347	373	382	378	399	405	364
24	355	375	65	127	110	348	373	383	379	395	405	366
25	356	370	48	123	145	385	371	382	382	393	405	367
26	356	378	35	121	126	390	372	383	389	394	404	371
27	356	376	32	114	151	372	371	385	387	391	405	368
28	356	372	30	104	222	368	372	387	385	393	402	373
29	354	374	29	108	---	369	371	387	386	394	404	373
30	354	404	27	130	---	398	373	386	388	397	406	375
31	358	---	29	122	---	387	---	387	---	400	410	---
TOTAL	10497	11115	1789	3831	4008	9546	11200	11789	10524	12262	12590	9625
MEAN	339	370	57.7	124	143	308	373	380	351	396	406	321
MAX	384	404	240	275	241	398	381	393	397	410	424	420
MIN	142	359	27	72	78	130	370	372	124	389	397	170

CAL YR 1986 TOTAL 99514 MEAN 273 MAX 440 MIN 27
WTR YR 1987 TOTAL 108776 MEAN 298 MAX 424 MIN 27

02197351 P-013 AT SAVANNAH RIVER PLANT, SC

LOCATION.--Lat 33°13'53'', long 81°35'06'', Barnwell County, Hydrologic Unit 03060106, at Savannah River Plant, on Steel Creek at right bank 2000 ft. downstream of SRP Road F and 0.5 mi west of P-Area.

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.--No estimated daily discharges: Records poor. 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, 0.26 ft^3/s, May 3-5, 1985, May 9, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 147 ft^3/s, Oct. 22, gage height, 2.43 ft; minimum daily, 0.26 ft^3/s, May 9.

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	1.6	1.4	1.4	3.3	1.3	2.4	.80	.76	.66	1.4	2.1	2.3
2	1.7	1.3	1.4	1.2	1.3	.96	.83	.59	.65	1.4	1.8	2.5
3	1.8	1.3	1.2	1.2	1.3	.96	.87	.52	.58	1.5	1.7	2.5
4	2.9	1.3	1.2	1.2	1.2	.96	.76	.52	.76	1.6	1.7	2.5
5	4.8	1.3	1.2	1.1	1.2	.99	.64	.47	.82	1.4	1.7	2.5
6	6.1	1.3	1.2	1.1	1.4	1.0	39	.38	1.1	1.4	2.5	6.1
7	5.4	1.4	1.2	1.0	2.0	1.1	69	.31	.92	1.4	1.7	1.8
8	5.2	1.4	1.2	1.0	1.2	1.6	75	.28	.87	1.4	1.7	1.6
9	6.3	1.4	1.2	1.0	1.2	1.1	74	.26	.81	1.4	1.7	1.6
10	2.1	1.4	1.3	1.1	1.2	1.1	67	.32	.79	1.4	2.6	1.6
11	1.5	1.5	1.4	1.1	1.2	1.0	59	.36	1.1	1.8	1.5	1.6
12	1.4	1.6	1.8	1.1	1.2	1.1	71	.39	1.1	1.5	1.3	4.4
13	1.4	1.6	1.2	1.2	1.2	1.1	65	.35	1.2	1.3	1.3	1.7
14	1.6	1.6	1.2	1.2	1.2	1.1	49	1.2	1.3	1.3	1.3	1.6
15	1.8	1.6	1.2	1.2	1.2	1.1	44	.63	1.1	1.3	1.4	1.6
16	1.9	1.6	1.2	1.4	2.3	1.1	43	.63	1.4	1.3	1.4	1.6
17	1.7	1.7	1.2	1.3	1.1	1.0	43	.52	1.2	1.4	1.3	1.6
18	1.6	1.6	1.2	2.2	.73	1.1	43	.61	2.3	1.4	1.4	1.6
19	1.9	1.4	1.2	3.2	.73	1.8	43	.76	2.0	1.5	1.4	1.6
20	42	2.5	1.2	1.2	.65	1.1	56	.64	1.2	1.6	1.4	1.6
21	69	1.2	1.2	1.5	.79	1.1	86	.57	1.2	1.6	1.4	1.6
22	58	.90	1.1	4.3	.98	1.1	94	.59	1.3	1.6	1.5	1.6
23	1.0	.87	1.2	1.5	.87	1.1	94	.46	1.3	1.6	1.5	1.6
24	1.0	.87	1.5	1.4	.87	1.2	94	.52	1.4	1.7	1.6	1.6
25	1.1	.98	1.2	1.8	.87	2.7	87	.42	1.7	1.7	1.6	1.6
26	1.1	1.4	1.1	1.4	.95	1.1	86	.45	1.3	1.7	1.6	1.6
27	.92	1.3	1.2	1.3	2.5	.96	92	.57	1.3	1.7	1.8	1.6
28	1.0	1.3	1.1	1.3	2.0	.98	91	1.0	1.4	1.6	1.9	1.6
29	1.2	1.4	1.1	1.3	---	1.1	34	1.0	1.4	1.7	2.3	1.6
30	1.2	2.4	1.2	1.3	---	1.1	5.7	.70	1.5	1.7	2.5	1.7
31	1.4	---	1.3	1.3	---	1.0	---	.58	---	1.7	2.7	---
TOTAL	231.62	42.82	38.5	46.7	34.64	37.11	1607.60	17.36	35.66	47.0	53.3	60.0
MEAN	7.47	1.43	1.24	1.51	1.24	1.20	53.6	.56	1.19	1.52	1.72	2.00
MAX	69	2.5	1.8	4.3	2.5	2.7	94	1.2	2.3	1.8	2.7	6.1
MIN	.92	.87	1.1	1.0	.65	.96	.64	.26	.58	1.3	1.3	1.6

CAL YR 1986 TOTAL 1231.31 MEAN 3.37 MAX 95 MIN .30
WTR YR 1987 TOTAL 2252.27 MEAN 6.17 MAX 94 MIN .26

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1984 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: February 1984 to current year.

INSTRUMENTATION.--USGS Mini-monitor since February 1984.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 47.0°C, May 4, 1987; minimum, 4.5°C, Jan. 28, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 47.0°C, May 4; minimum, 5.0°C, Jan. 24, 28, 29.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30.5	27.0	29.0	22.0	21.0	21.5	17.5	16.5	17.0	13.5	8.0	11.5
2	30.0	26.5	28.5	23.5	21.5	22.5	18.0	16.5	17.0	14.5	12.0	13.0
3	30.0	26.5	28.5	24.0	21.0	22.0	18.0	15.5	17.0	14.5	11.0	12.5
4	29.5	27.0	28.0	24.0	21.0	22.0	17.5	15.0	16.0	12.5	11.5	12.0
5	29.5	26.5	28.0	24.0	21.5	23.0	17.0	14.5	16.0	14.0	10.5	12.0
6	28.5	26.0	27.5	25.5	23.0	24.0	17.0	14.0	15.0	14.5	10.5	12.0
7	25.5	24.5	25.0	26.0	23.0	24.5	17.0	13.5	15.0	15.0	11.0	13.0
8	27.0	24.5	25.5	26.5	24.0	25.0	18.5	15.0	17.0	15.0	11.5	12.5
9	26.5	24.0	26.0	26.0	23.5	24.5	20.0	17.0	18.5	15.0	10.5	12.5
10	25.0	23.5	24.5	23.5	22.0	22.5	21.0	19.5	20.0	16.0	13.5	14.5
11	23.5	22.0	22.5	24.5	22.0	23.0	20.5	19.0	19.5	14.0	11.5	12.5
12	23.5	21.5	22.5	24.5	22.5	23.5	19.0	16.5	17.5	14.0	10.5	12.0
13	25.5	23.0	24.0	22.5	19.5	21.5	17.0	14.5	16.0	15.0	11.0	12.5
14	25.0	23.5	24.5	19.0	17.0	18.5	16.0	13.5	15.0	15.5	11.5	13.5
15	23.0	21.0	22.0	19.0	17.5	18.5	17.5	15.5	16.5	15.0	13.5	14.5
16	22.0	19.5	20.5	21.0	18.5	20.0	19.0	16.0	17.0	15.5	14.5	15.0
17	22.0	17.5	19.5	22.0	20.5	21.0	19.0	16.5	17.5	14.5	14.0	14.5
18	21.0	18.0	19.5	22.5	21.0	21.5	18.5	17.0	18.0	14.0	9.5	12.5
19	20.0	17.5	18.5	21.5	19.5	21.0	17.5	15.0	16.5	17.0	10.5	14.5
20	21.5	16.0	19.5	19.5	14.0	17.5	18.0	16.0	17.0	11.0	9.0	10.0
21	21.5	20.5	21.0	20.0	16.0	18.0	17.0	15.0	16.0	10.5	9.0	9.0
22	21.5	19.5	21.0	19.0	15.0	16.5	16.0	14.0	14.5	10.0	7.5	8.5
23	24.0	19.5	21.0	21.0	17.0	18.5	15.5	14.0	14.5	8.5	5.5	7.0
24	24.0	21.0	22.5	22.5	18.0	20.0	17.0	15.5	16.5	8.5	5.0	6.5
25	24.0	22.5	23.0	23.0	20.0	21.5	16.5	15.5	16.0	11.0	6.5	8.5
26	25.5	22.5	24.0	23.0	21.0	22.0	17.0	15.5	16.0	9.5	7.0	8.0
27	24.0	21.0	22.5	21.5	19.5	20.5	17.0	15.0	16.0	7.0	5.5	6.5
28	23.5	19.5	21.0	20.0	19.0	19.5	16.5	14.0	15.0	9.0	5.0	6.5
29	23.0	21.0	22.0	21.0	18.5	19.5	16.5	13.5	14.5	9.5	5.0	7.0
30	24.5	21.5	22.5	19.5	15.0	17.5	15.5	13.0	14.0	13.5	8.5	11.0
31	21.5	21.0	21.5	---	---	---	15.0	13.0	13.5	11.5	8.0	9.5
MONTH	30.5	16.0	23.5	26.5	14.0	21.0	21.0	13.0	16.5	17.0	5.0	11.0

02197351 P-013 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.0	6.5	8.5	18.5	13.0	15.0	22.0	11.0	15.0	39.5	15.5	24.5
2	11.0	8.0	9.5	19.0	11.5	14.5	22.0	12.0	16.0	42.5	16.5	25.0
3	16.5	8.5	12.0	20.5	11.5	14.5	17.5	11.5	14.0	43.0	16.5	25.0
4	17.5	13.0	14.5	20.0	11.5	14.5	20.5	8.0	12.5	47.0	16.5	25.5
5	15.0	13.0	14.0	18.0	11.5	14.5	23.0	8.0	13.5	22.5	13.5	18.0
6	15.0	12.5	13.5	19.5	12.5	15.0	15.5	8.5	13.0	27.5	17.0	21.0
7	14.5	12.0	13.0	17.5	13.0	15.5	15.0	12.0	14.5	27.0	17.0	21.5
8	17.0	12.0	14.0	19.0	13.5	16.5	16.0	14.5	15.5	29.0	19.0	22.5
9	15.5	11.0	12.5	19.0	16.0	17.0	16.5	15.0	15.5	29.5	18.0	22.5
10	16.0	10.5	12.5	16.5	13.0	15.0	17.0	15.5	16.0	28.5	18.0	22.0
11	16.5	11.5	13.5	17.0	11.0	13.5	17.0	15.5	16.5	25.5	19.5	22.0
12	18.5	13.0	15.0	15.5	12.5	14.0	17.5	16.5	16.5	25.0	20.5	22.0
13	18.5	12.5	15.0	19.5	11.5	14.5	17.5	16.5	17.0	24.5	20.5	22.5
14	17.5	13.5	15.0	20.5	12.5	15.5	18.0	17.0	17.5	26.0	21.0	23.0
15	17.5	14.0	15.0	21.5	13.0	16.5	34.5	17.0	22.5	28.0	21.0	23.5
16	14.5	8.5	11.5	20.5	14.5	17.0	30.5	12.0	17.0	28.5	21.0	24.0
17	13.0	9.5	11.5	20.5	14.0	16.0	28.0	10.0	17.0	29.0	21.5	24.5
18	13.5	9.5	11.5	16.5	15.0	15.5	30.0	12.5	18.5	29.5	21.5	24.5
19	17.5	10.5	12.5	20.0	12.0	15.5	37.5	13.0	20.0	29.0	22.0	24.5
20	16.5	9.0	12.0	20.5	14.5	17.0	31.0	13.0	18.0	28.0	22.5	24.5
21	15.5	11.5	13.0	23.0	14.5	18.0	20.0	18.5	19.5	26.0	23.0	24.0
22	13.0	12.0	12.5	23.0	15.0	18.0	20.5	19.5	19.5	27.0	22.0	24.0
23	18.0	11.5	14.0	24.0	15.5	18.5	21.0	19.0	20.0	29.5	21.5	24.5
24	14.5	11.5	13.0	20.5	17.0	18.5	21.5	19.0	20.0	30.5	22.0	25.5
25	14.5	13.0	13.5	19.0	14.5	17.5	19.5	18.5	19.0	30.5	22.0	25.5
26	13.5	11.5	12.5	23.0	18.5	20.0	20.0	18.5	19.0	31.5	22.5	26.0
27	11.0	7.5	10.0	22.0	19.0	20.0	20.0	19.0	19.5	30.0	22.5	25.5
28	13.0	8.0	10.5	26.0	19.0	21.0	21.0	19.5	20.0	29.5	25.0	27.0
29	---	---	---	23.0	18.5	20.5	40.0	14.0	23.0	30.5	25.5	27.5
30	---	---	---	24.0	18.0	20.5	44.5	12.0	23.0	31.5	24.5	27.0
31	---	---	---	18.5	12.5	16.0	---	---	---	30.0	24.0	26.5
MONTH	18.5	6.5	12.5	26.0	11.0	16.5	44.5	8.0	17.5	47.0	13.5	24.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	30.5	24.0	27.0	31.5	28.5	29.5	32.5	28.5	30.5	30.0	28.5	29.0
2	31.0	24.5	27.0	32.5	28.5	30.0	32.0	27.5	30.0	30.0	28.5	29.0
3	30.5	24.5	26.5	32.5	27.5	29.5	32.5	29.5	30.5	30.0	28.5	29.0
4	29.0	24.0	26.0	32.0	28.0	29.0	32.0	29.0	30.5	28.5	27.5	28.0
5	30.0	24.0	26.0	32.5	28.0	29.5	32.0	29.0	30.5	27.5	26.5	27.0
6	31.0	24.5	27.0	32.5	28.0	29.5	33.0	28.5	30.5	28.0	24.0	26.5
7	31.0	24.5	27.5	32.5	28.0	29.5	31.5	29.0	30.0	29.0	27.0	27.5
8	31.0	24.5	27.0	33.0	28.0	30.0	32.5	29.5	30.5	30.0	26.5	28.0
9	31.5	24.5	27.5	33.5	28.5	30.5	33.0	29.5	31.0	30.5	27.0	28.5
10	32.0	25.0	28.0	32.5	28.5	30.0	33.0	27.0	31.0	30.5	27.0	28.5
11	31.0	26.0	28.0	32.0	27.0	29.0	32.5	27.5	30.0	30.5	28.0	29.0
12	31.5	27.0	28.5	31.0	27.0	29.0	32.0	29.5	30.5	28.5	25.0	27.0
13	28.5	27.0	27.5	33.0	28.0	30.0	32.5	29.5	30.5	29.0	26.5	27.5
14	29.0	26.5	27.5	33.0	28.5	30.5	32.0	29.0	30.0	30.0	26.5	28.0
15	31.5	27.0	28.5	32.5	28.5	30.0	31.5	28.5	30.0	30.5	27.0	28.5
16	30.5	26.5	28.0	32.5	27.5	29.5	31.0	29.0	30.0	30.5	28.0	29.0
17	30.0	26.5	27.5	32.0	28.0	29.5	32.5	29.5	30.5	30.0	28.0	28.5
18	31.5	25.5	28.0	32.0	28.0	30.0	31.5	29.0	30.0	30.0	27.0	28.5
19	31.5	25.0	27.5	32.0	27.0	29.5	32.0	29.0	30.0	28.5	27.0	27.5
20	32.5	26.5	28.5	32.5	27.5	29.5	32.0	28.5	30.0	30.0	27.5	28.5
21	32.0	27.0	28.5	32.0	28.0	29.5	32.5	28.5	30.0	29.0	26.0	27.5
22	29.5	27.0	28.0	32.0	28.0	30.0	32.0	29.0	30.0	28.5	25.0	26.5
23	30.5	27.0	28.5	32.5	28.5	30.5	32.5	28.5	30.0	28.0	25.0	26.5
24	32.0	27.5	29.5	33.0	29.0	30.5	31.0	29.0	29.5	28.0	25.0	26.5
25	30.5	27.5	28.5	32.0	28.5	30.0	31.5	28.5	29.5	28.0	24.5	26.0
26	31.0	27.5	28.5	32.5	29.0	30.5	31.0	29.0	30.0	28.5	25.0	26.5
27	31.0	27.0	28.5	33.0	29.0	30.5	31.5	28.5	30.0	28.0	25.5	26.5
28	31.5	26.0	28.0	33.0	28.5	30.5	31.5	29.0	30.0	28.0	26.0	27.0
29	32.0	26.0	28.5	32.0	29.0	30.5	32.0	29.0	30.0	28.5	26.0	27.0
30	32.0	28.0	29.5	32.5	29.5	30.5	31.0	29.0	30.0	28.0	26.0	27.0
31	---	---	---	32.0	30.0	30.5	31.0	28.5	29.5	---	---	---
MONTH	32.5	24.0	28.0	33.5	27.0	30.0	33.0	27.0	30.0	30.5	24.0	27.5
YEAR	47.0	5.0	21.5									

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 Rd. 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.--Estimated daily discharges: Oct. 9, 10, 20-22, Nov. 9-Dec. 2, Jan 1, 18, 19, 22, 25, Feb. 7, 16, 27, 28, Mar. 1, 4, 8, 19, 25, Apr. 6-May 5, May 14, Jun. 16, 18, 19, Jul. 4, 11, Aug. 1, 6, 10, 11, and Sept. 2, 6, 12. Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Oct. 22, 1986, gage height, 3.87 ft; minimum daily, 1.0 ft^3/s, Oct. 27, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Oct. 22, gage height, 3.87, minimum daily, 1.0 ft^3/s, Oct. 27.

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	1.9	1.5	1.8	5.0	2.1	6.4	2.9	3.5	2.3	2.8	3.3	2.6
2	1.9	1.4	1.8	2.7	2.4	5.8	2.8	3.1	2.3	2.8	2.9	2.7
3	1.9	1.3	1.8	2.4	2.3	4.5	2.7	2.9	2.3	2.8	2.6	2.7
4	1.9	1.3	1.8	2.4	2.3	4.0	2.5	2.7	2.5	3.4	2.5	2.7
5	1.9	1.4	1.7	2.0	2.3	3.7	2.4	2.6	2.4	2.6	2.5	2.7
6	2.2	1.4	1.7	1.9	2.6	3.5	45	2.5	2.6	2.6	3.9	8.0
7	1.9	1.4	1.6	1.9	4.5	3.3	76	2.4	2.5	2.6	2.8	3.4
8	1.7	1.4	1.6	1.9	3.1	5.4	78	2.3	2.3	2.6	2.6	2.9
9	2.5	1.4	1.7	2.0	2.7	4.2	76	2.3	2.3	2.6	2.6	2.8
10	3.0	1.4	1.7	2.1	2.5	3.9	70	2.5	2.3	2.6	4.2	2.7
11	1.7	1.6	1.9	2.0	2.5	3.6	64	2.5	2.5	4.0	3.3	2.7
12	1.6	1.7	2.7	2.0	2.4	3.4	74	2.6	2.5	2.9	2.6	6.0
13	1.6	1.7	1.8	2.0	2.4	3.2	68	2.6	2.6	2.6	2.5	3.6
14	1.7	1.7	1.8	2.0	2.3	3.1	54	4.0	2.9	2.6	2.5	3.1
15	1.6	1.7	1.7	2.0	2.2	2.9	48	2.7	2.7	2.5	2.5	2.9
16	1.7	1.7	1.7	2.2	5.6	2.8	46	2.6	3.5	2.5	2.6	2.8
17	1.7	1.8	1.7	2.2	3.4	2.7	46	2.5	2.8	2.5	2.5	2.7
18	1.6	1.7	1.7	3.7	2.7	2.7	46	2.5	5.0	2.5	2.6	2.7
19	1.6	1.6	1.7	4.6	2.6	4.3	46	2.6	4.5	2.5	2.6	2.8
20	45	2.8	1.7	3.0	2.4	3.1	60	2.5	2.9	2.5	2.5	2.8
21	72	1.4	1.7	3.0	2.5	2.9	88	2.4	2.8	2.5	2.5	2.7
22	58	1.1	1.7	7.0	2.7	2.8	98	2.4	2.8	2.5	2.5	2.7
23	1.5	1.1	1.8	3.5	2.6	2.7	98	2.3	2.8	2.5	2.5	2.7
24	1.3	1.1	2.2	2.8	2.5	2.7	98	2.3	2.8	2.6	2.5	2.7
25	1.3	1.1	1.8	3.5	2.4	6.6	90	2.2	3.1	2.6	2.5	2.7
26	1.2	1.6	1.7	2.7	2.4	4.2	88	2.2	2.9	2.6	2.5	2.7
27	1.0	1.5	1.7	2.5	6.6	3.4	94	2.3	2.9	2.5	2.5	2.7
28	1.1	1.5	1.7	2.4	5.4	3.1	92	2.7	2.8	2.5	2.5	2.7
29	1.3	1.6	1.7	2.3	---	3.1	38	2.7	2.8	2.5	2.5	2.7
30	1.2	2.7	1.7	2.3	---	3.5	7.0	2.4	2.8	2.5	2.6	2.8
31	1.4	---	1.8	2.2	---	3.5	---	2.3	---	2.5	2.8	---
TOTAL	221.9	46.6	55.1	84.2	82.4	115.0	1701.3	80.1	84.2	82.3	84.0	92.4
MEAN	7.16	1.55	1.78	2.72	2.94	3.71	56.7	2.58	2.81	2.65	2.71	3.08
MAX	72	2.8	2.7	7.0	6.6	6.6	98	4.0	5.0	4.0	4.2	8.0
MIN	1.0	1.1	1.6	1.9	2.1	2.7	2.4	2.2	2.3	2.5	2.5	2.6

CAL YR 1986 TOTAL 1420.5 MEAN 5.18 MAX 93 MIN 1.0
WTR YR 1987 TOTAL 2729.5 MEAN 7.48 MAX 98 MIN 1.0

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.--Records good, except for estimated discharges, Feb. 3-11, which are poor. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 531 ft^3/s, Oct. 17, 1985, gage height, 20.56 ft, occurred during period of operations testing; minimum daily, 3.1 ft^3/s, Oct. 16, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 399 ft^3/s, Dec. 17, gage height, 13.58 ft; minimum daily recorded, 3.1 ft^3/s, Oct. 16.

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	42	94	361	370	367	264	359	363	363	361	87	74
2	37	95	363	364	367	192	360	297	363	362	88	91
3	25	95	363	371	367	193	360	194	362	362	88	122
4	26	95	370	373	357	182	361	194	363	361	86	109
5	30	95	364	372	340	202	361	197	362	361	85	105
6	27	96	361	366	347	250	360	196	362	351	92	111
7	50	95	362	212	357	356	361	191	362	220	91	113
8	113	96	362	91	360	356	361	194	364	199	88	112
9	144	95	365	92	360	359	360	199	363	194	89	109
10	139	96	365	91	363	356	360	198	364	195	87	112
11	143	95	366	93	363	364	362	200	364	194	65	112
12	141	95	367	112	367	366	362	302	363	185	53	114
13	21	95	368	199	368	367	361	360	363	131	53	110
14	12	94	369	334	368	367	362	361	364	115	53	116
15	17	106	372	361	360	366	361	362	364	112	53	116
16	3.1	104	371	333	359	367	361	362	364	96	53	120
17	12	109	376	211	366	367	361	363	365	106	53	117
18	46	237	382	211	369	368	361	363	363	96	53	116
19	46	354	375	209	369	367	361	364	364	47	53	116
20	51	365	371	210	369	366	362	363	361	44	53	115
21	48	365	372	205	369	362	362	362	360	43	53	115
22	51	369	369	142	369	361	362	362	361	43	53	114
23	76	368	367	230	369	360	362	363	362	43	53	103
24	101	368	367	364	368	361	362	363	360	43	52	128
25	103	362	372	371	368	361	362	363	361	41	69	122
26	103	361	373	370	369	361	362	364	361	75	75	155
27	104	361	372	368	369	361	362	363	361	109	75	274
28	94	360	372	367	368	361	363	361	361	90	74	198
29	100	361	373	365	---	361	359	361	360	89	74	164
30	95	361	371	366	---	361	362	363	361	89	73	91
31	95	---	371	366	---	357	---	363	---	92	72	---
TOTAL	2095.1	6242	11432	8489	10192	10342	10835	9611	10871	4849	2146	3674
MEAN	67.6	208	369	274	364	334	361	310	362	156	69.2	122
MAX	144	369	382	373	369	368	363	364	365	362	92	274
MIN	3.1	94	361	91	340	182	359	191	360	41	52	74

WTR YR 1987 TOTAL 90778.1 MEAN 249 MAX 382 MIN 3.1

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, 8.5°C, Feb. 15, 1986.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 58.5°C, Feb. 21,22; minimum 6.5°C, Jan. 24, 25.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	26.0	24.0	24.5	19.0	18.0	18.5	16.0	10.0	14.5	54.5	52.0	53.5
2	26.0	24.0	24.5	19.0	18.0	18.5	15.0	14.0	14.5	54.5	50.0	53.0
3	28.0	24.0	25.0	19.0	18.0	18.5	14.5	14.0	14.0	54.0	50.0	50.5
4	26.0	24.0	24.5	19.0	18.0	18.5	14.0	12.0	12.5	51.0	48.0	50.0
5	26.0	24.0	24.5	19.0	18.0	18.5	13.0	12.0	12.0	52.5	50.0	50.5
6	27.0	24.0	24.5	19.0	18.0	18.5	21.0	10.5	16.0	51.0	8.0	22.0
7	25.0	22.0	23.0	21.0	19.0	20.0	33.0	18.5	25.5	10.0	8.0	9.0
8	23.0	21.0	22.5	21.0	20.0	20.5	48.5	20.0	32.5	10.0	8.5	9.5
9	22.5	22.5	22.5	21.0	20.0	20.5	50.5	48.0	49.0	10.5	8.5	10.0
10	23.0	21.0	22.5	21.0	20.0	20.5	51.0	49.0	50.5	11.0	10.0	10.5
11	22.0	20.0	20.5	20.5	20.0	20.0	51.0	50.0	50.5	11.0	10.0	10.5
12	21.0	20.0	20.0	20.5	20.0	20.0	56.5	50.0	51.0	10.5	10.0	10.0
13	24.5	18.5	20.5	20.0	18.0	19.0	55.0	50.0	54.0	10.5	9.0	10.0
14	25.0	20.0	23.0	19.0	14.0	16.0	55.0	52.0	54.0	11.0	9.0	10.0
15	23.0	20.0	21.5	16.0	14.0	14.5	55.0	50.0	51.5	10.5	10.0	10.0
16	23.0	22.0	22.5	14.5	14.0	14.0	56.0	52.5	54.5	11.0	10.0	10.0
17	24.0	18.5	22.0	16.0	10.0	14.5	57.0	49.0	53.0	10.5	10.5	10.5
18	18.5	18.0	18.5	15.0	14.5	14.5	55.0	50.0	51.5	10.5	10.0	10.5
19	19.0	18.0	18.5	15.0	14.0	14.5	55.0	50.0	52.5	10.5	10.0	10.5
20	19.0	18.0	18.0	15.0	14.0	14.5	55.0	52.0	54.5	11.0	10.0	10.0
21	19.0	17.0	18.0	16.0	14.0	14.5	55.0	52.5	54.0	10.0	8.5	9.0
22	19.0	18.0	18.0	15.0	14.0	14.5	55.0	10.0	30.0	9.0	8.0	8.5
23	18.5	18.0	18.0	15.0	14.0	14.0	12.0	10.0	11.0	9.0	8.0	8.5
24	19.0	18.0	18.5	15.0	14.0	14.5	47.0	10.0	28.0	9.0	6.5	7.5
25	19.0	18.0	18.5	16.0	10.0	14.5	53.0	40.0	47.0	26.5	6.5	11.0
26	19.0	18.5	18.5	15.0	14.0	14.5	55.0	50.0	52.0	47.0	24.0	34.5
27	20.0	18.5	19.0	15.0	14.5	14.5	55.0	50.5	53.5	48.5	40.0	44.5
28	19.0	18.5	18.5	14.5	14.0	14.5	56.0	54.0	54.5	50.0	48.0	48.5
29	19.0	18.0	18.5	15.0	14.0	14.5	55.0	54.0	54.5	50.5	48.0	49.5
30	18.5	18.0	18.0	16.0	14.0	14.5	55.0	54.0	54.5	52.0	46.0	50.0
31	19.0	18.0	18.5	---	---	---	55.0	50.0	54.0	51.0	50.0	50.5
MONTH	28.0	17.0	21.0	21.0	10.0	16.5	57.0	10.0	40.5	54.5	6.5	24.0

021973527 L-007 OUTFALL AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	54.0	50.0	50.5	10.5	8.5	9.5	38.5	14.0	25.5	42.5	34.0	40.5
2	54.0	50.0	50.5	11.0	10.0	10.0	38.0	30.0	35.5	42.5	10.0	22.5
3	56.0	50.0	53.5	11.0	10.0	10.5	38.0	36.0	36.5	19.0	13.0	18.5
4	56.0	10.5	30.5	12.5	10.0	10.5	37.0	30.0	35.0	20.5	17 0	19.5
5	10.5	10.0	10.5	10.5	10.0	10.5	35.0	34.0	34.5	20.5	16.5	19.0
6	11.0	10.0	10.0	11.0	10.0	10.5	36.0	30.0	34.5	18.5	18.0	18.5
7	43.0	10.0	19.5	11.0	10.0	10.5	35.0	34.0	34.5	18.5	18.0	18.5
8	51.0	40.0	46.0	11.0	10.0	10.5	35.0	34.0	34.5	18.5	18.0	18.0
9	54.5	48.5	49.0	12.0	10.0	10.5	35.0	34.0	34.0	19.0	12.0	18.5
10	55.0	50.0	53.5	38.5	10.0	13.5	38.0	30.5	35.0	20.0	15.0	18.5
11	55.0	54.0	54.5	53.0	36.5	47.5	38.5	34.5	36.5	20.0	12.5	19.0
12	56.0	50.0	53.0	54.5	48.5	51.0	39.0	36.0	38.0	20.5	16.5	19.5
13	51.0	50.0	50.5	55.0	50.0	54.0	40.5	38.0	39.0	20.5	18.0	20.0
14	57.0	50.0	52.0	55.0	50.0	53.5	40.5	39.0	40.0	38.0	18.5	28.0
15	56.5	10.0	12.5	55.0	50.0	53.0	40.0	38.0	38.5	38.5	34.0	36.5
16	44.5	10.5	24.0	57.0	50.0	53.0	38.5	36.5	38.0	38.5	30.0	37.0
17	57.0	40.0	47.0	57.0	50.0	52.0	39.0	38.0	38.0	39.0	35.0	38.5
18	56.5	50.0	53.5	57.0	50.0	54.0	39.0	38.0	38.5	40.5	30.5	38.5
19	56.5	50.0	52.0	56.5	50.0	52.0	40.0	38.0	39.0	41.0	38.5	40.0
20	58.0	50.0	50.5	57.0	50.0	52.0	41.0	38.5	39.5	41.0	40.0	40.0
21	58.5	50.0	55.0	50.5	24.0	36.0	42.0	40.0	40.5	40.5	36.0	39.5
22	58.5	50.0	54.5	35.0	24.5	33.5	41.0	40.0	40.5	40.0	38.0	39.5
23	56.5	50.0	50.5	38.5	34.5	36.0	42.0	40.0	40.5	41.0	38.0	39.5
24	55.0	50.0	50.5	39.0	34.5	38.5	42.0	34.5	40.5	41.0	40.0	40.5
25	56.0	50.0	51.0	39.0	38.0	38.5	41.0	17.0	35.0	41.0	40.0	40.5
26	56.0	50.0	51.0	38.5	25.0	37.5	41.0	25.0	40.0	41.0	38.0	39.5
27	56.0	50.0	51.0	38.5	35.0	38.0	41.0	29.0	40.0	39.0	30.5	36.0
28	56.0	10.0	47.0	39.0	38.0	38.5	42.0	36.0	40.5	36.5	30.0	32.0
29	---	---	---	39.0	38.0	38.5	42.0	20.0	39.5	32.5	20.0	30.0
30	---	---	---	40.5	16.0	33.5	44.5	14.5	40.0	35.0	30.0	32.0
31	---	---	---	17.0	14.0	15.0	---	---	---	36.0	24.0	34.0
MONTH	58.5	10.0	44.0	57.0	8.5	32.5	44.5	14.0	37.5	42.5	10.0	30.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	39.0	24.0	35.5	39.0	24.5	35.0	24.0	23.5	23.5	23.0	22.5	23.0
2	40.5	38.0	39.0	---	---	---	24.5	23.5	24.0	24.5	23.0	23.0
3	39.0	24.0	34.0	39.0	38.0	38.5	24.5	24.0	24.0	23.0	22.5	23.0
4	35.0	24.0	31.5	40.0	38.5	39.0	25.0	24.0	24.5	23.0	21.5	22.0
5	39.0	24.5	37.5	40.0	34.0	37.0	24.5	24.0	24.0	21.5	21.0	21.0
6	39.0	38.0	38.5	34.5	23.5	27.5	24.5	23.0	24.0	21.5	21.0	21.0
7	41.0	38.0	39.0	24.5	23.5	24.0	23.0	22.0	22.5	22.0	21.0	21.5
8	41.0	38.0	40.0	25.0	24.0	24.5	23.0	22.0	22.5	22.5	22.0	22.0
9	40.5	38.5	39.5	25.0	24.0	25.0	22.5	22.0	22.0	23.0	22.5	23.0
10	39.0	38.0	38.0	24.5	24.0	24.0	23.0	22.0	22.5	23.0	22.0	22.5
11	39.0	36.5	38.0	24.0	23.5	23.5	25.0	22.5	24.0	23.0	22.0	22.5
12	40.5	38.0	39.5	24.0	23.5	24.0	25.0	24.0	24.5	22.5	22.0	22.5
13	42.5	40.0	40.5	24.5	23.5	24.0	24.5	24.0	24.0	22.5	22.0	22.0
14	44.5	40.0	42.0	25.5	24.0	24.5	24.0	23.0	23.5	23.0	22.5	23.0
15	46.5	40.0	44.0	25.0	24.0	24.5	23.5	23.0	23.0	23.5	23.0	23.0
16	46.0	40.0	44.5	24.5	24.0	24.0	23.5	23.0	23.0	23.5	22.0	22.5
17	46.0	40.0	43.0	24.0	23.5	24.0	23.5	23.0	23.0	22.5	22.0	22.0
18	42.0	40.0	40.5	24.0	23.0	23.5	24.5	23.0	23.5	22.0	21.5	22.0
19	41.0	24.5	35.5	24.0	22.5	23.0	24.0	23.0	23.5	22.0	21.5	21.5
20	35.0	24.0	31.5	24.0	22.5	23.0	23.0	22.0	22.5	22.5	21.5	22.0
21	30.5	22.5	24.5	24.5	22.5	23.5	22.5	21.5	22.0	22.0	21.5	22.0
22	30.5	22.5	28.0	24.5	23.0	23.5	23.0	22.0	22.5	22.5	21.5	22.0
23	35.0	20.5	30.0	25.0	23.5	24.0	23.0	22.5	23.0	22.5	21.5	22.0
24	38.0	34.5	36.5	25.0	23.5	24.0	23.0	22.5	23.0	21.5	21.0	21.5
25	38.0	36.5	37.0	23.5	23.0	23.5	23.5	22.5	23.0	21.0	20.5	21.0
26	37.0	36.0	36.0	24.0	23.0	23.5	23.5	22.5	23.0	21.5	20.5	21.0
27	38.5	36.0	38.0	24.0	23.5	24.0	23.0	22.0	22.5	21.0	20.5	20.5
28	38.5	24.5	36.0	24.5	23.5	24.0	22.5	21.5	22.0	21.5	20.5	21.0
29	38.5	24.5	35.0	24.5	24.0	24.0	22.5	21.5	22.0	22.0	21.5	21.5
30	38.5	24.5	35.0	24.5	23.5	24.0	22.5	21.5	22.0	22.0	21.5	22.0
31	---	---	---	23.5	23.5	23.5	23.0	22.0	22.5	---	---	---
MONTH	46.5	20.5	37.0	40.0	22.5	26.0	25.0	21.5	23.0	24.5	20.5	22.0
YEAR	58.5	6.5	29.5									

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.--Records fair, excepted estimated discharges: Oct. 9; Nov. 5, 20, 30; Jan. 1, 19, 22; Feb. 16, 27, 28; Mar. 1, 19, 25; Jun. 18; Aug. 6, 10; Sept. 6, 12, which are poor. Flow completely regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, unknown, Jul. 19, 1984, gage height, 1.77 ft; no flow, Apr. 17, 19, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown, Sept. 6, gage height, 1.74 ft; no flow, Apr. 17, 19.

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	1.4	1.2	1.1	1.4	.99	2.0	1.6	.29	.46	.87	1.1	1.0
2	1.5	1.2	1.1	.87	1.1	1.4	1.3	.10	.45	.93	1.2	1.0
3	1.5	1.1	1.1	.94	1.1	1.5	1.2	.11	.45	.86	1.7	1.0
4	1.4	1.1	1.0	.90	1.1	1.5	.76	.24	.65	.93	1.3	1.1
5	1.4	1.3	1.1	.70	.98	1.5	.61	.27	.46	.77	1.4	1.1
6	1.2	1.3	1.0	.70	1.0	1.6	.53	.36	.79	.92	1.5	2.7
7	1.1	1.3	1.1	.69	1.4	1.6	.55	.64	.54	.83	1.4	1.1
8	1.1	1.3	1.1	.72	.96	1.8	.56	.47	.48	.83	1.4	1.1
9	1.5	1.2	1.1	.84	.99	1.6	.77	.45	.44	.95	1.3	1.2
10	.96	1.2	1.1	.89	1.0	1.4	.54	.26	.41	.95	1.4	1.1
11	1.1	1.3	1.1	.91	1.1	1.5	.58	.39	.65	.94	1.3	1.2
12	1.1	1.2	1.1	.91	1.1	1.4	.55	.21	.69	.90	1.1	2.5
13	1.0	1.2	.98	.92	1.0	1.4	.46	.12	.85	.90	1.2	1.5
14	1.1	1.2	1.0	1.0	1.0	1.6	.51	.78	.79	.93	1.1	1.3
15	1.1	1.2	1.1	.93	.99	1.4	.57	.09	.73	.90	1.3	1.4
16	1.1	1.2	.91	.97	1.4	1.6	.37	.08	.80	1.1	1.5	1.4
17	1.1	1.2	1.0	.91	1.0	1.5	.0	.34	.73	1.0	1.4	1.0
18	1.1	1.1	.87	1.2	.94	1.6	.08	.57	1.3	.97	1.3	1.0
19	1.1	1.1	1.1	1.3	.91	2.0	.0	.51	1.2	.99	1.4	1.1
20	1.2	1.5	1.0	.93	.91	1.6	.34	.47	.96	.94	1.4	1.1
21	1.1	1.1	.96	1.1	.82	1.6	.61	.36	1.1	.92	1.1	1.1
22	1.2	.98	1.0	2.1	1.2	1.6	.62	.50	.92	.90	1.4	1.2
23	1.3	.98	1.1	.97	1.1	1.7	.61	.45	1.2	.91	1.1	1.3
24	1.3	.96	1.1	.91	1.2	1.6	.63	.40	1.3	1.1	1.2	1.1
25	1.2	.95	1.0	1.1	1.3	2.2	.66	.53	1.0	1.2	1.3	1.0
26	1.3	1.1	1.0	.91	1.4	1.6	.62	.49	.87	.98	1.1	1.0
27	.86	.95	1.0	.91	2.1	1.6	.57	.69	.88	1.2	1.1	1.1
28	.86	.97	1.0	.93	2.0	1.5	.59	.95	.87	.99	1.0	1.1
29	1.1	1.1	1.0	.95	---	1.7	.59	.81	.96	1.1	1.0	1.1
30	1.3	1.4	1.0	.98	---	1.5	.19	.41	.90	.99	1.0	1.2
31	1.3	---	.90	1.1	---	1.4	---	.48	---	.99	1.1	---
TOTAL	36.88	34.89	32.02	30.59	32.09	49.5	17.57	12.82	23.83	29.69	39.1	37.1
MEAN	1.19	1.16	1.03	.99	1.15	1.60	.59	.41	.79	.96	1.26	1.24
MAX	1.5	1.5	1.1	2.1	2.1	2.2	1.6	.95	1.3	1.2	1.7	2.7
MIN	.86	.95	.87	.69	.82	1.4	.00	.08	.41	.77	1.0	1.0

CAL YR 1986 TOTAL 350.96 MEAN .96 MAX 1.5 MIN .36
WTR YR 1987 TOTAL 376.07 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, at Savannah River Plant on right downstream side of bridge on SRP Road A, 160 ft downstream from Meyers Branch.

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

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS.--Records fair. Except for estimated daily discharges: Apr. 24 - May 4, which are poor. 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, unknown Nov. 26, 30, gage height, 3.05 ft; minimum daily, 7.9 ft^3/s, Oct. 14.

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	44	84	482	411	399	400	402	403	350	376	64	60
2	44	82	472	398	401	376	380	326	353	379	68	58
3	45	79	468	370	392	263	361	214	361	383	68	58
4	44	76	463	381	369	179	370	212	369	382	65	58
5	44	76	459	380	296	172	368	213	373	381	65	59
6	43	77	451	379	181	170	391	213	369	382	65	63
7	43	80	443	377	202	215	410	211	369	294	67	71
8	44	84	438	374	237	364	412	211	375	225	69	73
9	49	85	430	256	383	368	415	210	383	220	68	76
10	55	85	435	102	393	372	415	210	383	219	66	80
11	53	84	435	96	390	366	417	184	379	214	93	75
12	50	85	441	82	384	363	419	220	372	216	78	72
13	32	86	441	87	384	354	406	314	375	170	67	84
14	7.9	87	435	85	382	355	406	343	385	96	60	85
15	14	84	432	197	376	354	411	351	381	59	57	84
16	9.3	78	429	358	406	355	408	337	380	42	57	93
17	8.8	97	425	309	402	354	407	335	382	61	56	100
18	9.7	248	425	281	382	358	408	334	381	61	54	143
19	9.8	412	421	314	379	381	406	334	394	60	55	156
20	76	430	412	316	378	373	406	334	390	61	54	158
21	177	434	409	306	379	366	403	335	388	64	53	169
22	178	431	407	363	372	362	403	339	386	64	52	184
23	115	433	408	330	369	358	401	343	382	63	52	227
24	61	453	420	332	356	358	401	344	374	68	51	254
25	60	494	409	369	349	373	401	343	376	71	51	240
26	59	497	410	375	348	376	401	343	379	67	51	217
27	52	487	409	374	355	374	401	344	379	65	53	174
28	63	464	395	378	374	373	401	348	377	66	52	84
29	64	462	379	387	---	372	398	351	374	65	51	81
30	69	485	381	401	---	376	401	351	375	65	51	89
31	75	---	380	399	---	389	---	351	---	64	55	---
TOTAL	1698.5	7139	13244	9567	10018	10569	12029	9301	11294	5003	1868	3425
MEAN	54.8	238	427	309	358	341	401	300	376	161	60.3	114
MAX	178	497	482	411	406	400	419	403	394	383	93	254
MIN	7.9	76	379	82	181	170	361	184	350	42	51	58

CAL YR 1986 TOTAL 90871.5 MEAN 249 MAX 497 MIN 7.9
WTR YR 1987 TOTAL 95155.5 MEAN 261 MAX 497 MIN 7.9

02197357 STEEL CREEK NEAR SNELLING, SC

LOCATION.--Lat 33°05'46'', long 81°37'04'', Barnwell County, Hydrologic Unit 03060106, 15.4 mi upstream from Lower Three Runs at mile 141.6.

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1979 to current year.

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 33.0°C, Oct. 20, 1985; minimum, 0.3°C, Dec. 26, 1983.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 28.5°C, Jul. 10; minimum, 5.5°C, Jan. 12,24.

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

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

02197357 STEEL CREEK NEAR SNELLING, SC--Continued

TEMPERATURE (°C) OF WATER, 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	10.5	8.5	9.5	13.0	10.5	11.5	16.0	14.0	15.0	23.0	19.5	21.0
2	11.0	9.5	10.0	13.0	12.5	13.0	15.0	14.0	14.5	24.5	20.0	22.0
3	12.0	10.0	11.0	13.0	12.0	12.5	15.0	14.5	15.0	24.5	21.0	22.5
4	12.5	10.5	11.5	13.0	12.0	12.5	14.5	13.0	13.5	25.0	21.5	23.0
5	12.5	11.5	11.5	12.0	11.5	11.5	14.5	12.5	13.5	23.0	19.5	20.5
6	11.5	10.0	10.5	11.5	11.0	11.5	15.0	13.5	14.0	21.5	18.0	19.5
7	11.5	11.0	11.0	11.5	11.0	11.0	15.5	14.0	15.0	21.5	18.5	20.0
8	11.5	9.5	10.5	11.5	11.0	11.5	16.0	14.5	15.5	23.5	20.0	21.5
9	10.5	8.5	9.5	12.0	11.5	11.5	17.0	15.5	16.0	23.0	20.0	21.5
10	9.5	7.5	8.5	12.0	11.5	11.5	17.5	16.5	17.0	22.0	19.0	20.5
11	9.5	8.5	9.0	11.5	11.0	11.0	17.5	17.0	17.5	22.0	19.5	20.5
12	11.5	9.5	10.0	11.0	10.5	10.5	19.0	17.5	18.0	21.5	20.5	21.0
13	11.5	11.0	11.5	10.5	10.0	10.0	20.0	18.5	19.0	22.0	20.5	21.0
14	11.5	11.0	11.5	10.5	10.0	10.5	20.0	19.0	19.5	22.5	21.0	21.5
15	12.0	10.5	11.0	11.5	10.5	11.0	20.5	19.0	19.5	23.5	21.0	22.0
16	12.0	10.0	11.0	13.0	11.5	12.0	20.5	19.0	19.5	24.5	21.5	23.0
17	10.0	9.0	9.5	13.5	12.5	13.0	19.0	18.0	18.5	25.0	22.0	23.5
18	10.0	9.5	9.5	13.5	12.5	13.0	18.0	17.5	18.0	25.0	22.5	23.5
19	11.0	9.5	10.0	14.5	13.0	13.5	19.0	17.5	18.0	25.5	22.5	24.0
20	11.5	10.0	10.5	15.0	13.0	14.0	22.0	18.0	19.5	25.5	23.0	24.0
21	11.5	10.5	11.0	16.0	14.0	15.0	23.0	18.5	21.0	24.5	23.5	24.0
22	11.0	10.5	11.0	16.5	14.5	15.5	24.0	19.5	22.0	24.0	23.0	24.0
23	12.0	10.0	11.0	16.5	15.0	16.0	23.0	20.5	22.0	25.0	22.5	23.5
24	12.0	10.5	11.0	16.5	15.5	16.0	23.5	20.5	22.0	25.5	22.5	24.0
25	11.5	11.0	11.5	16.5	15.5	15.5	21.5	19.0	20.0	25.5	22.5	24.0
26	11.5	11.0	11.5	18.0	16.5	17.0	20.5	17.0	19.0	26.0	23.0	24.5
27	11.0	10.0	10.5	18.5	18.0	18.0	20.5	17.0	18.5	25.0	23.0	24.0
28	10.5	10.0	10.0	19.5	18.0	18.5	21.5	17.5	19.5	25.0	23.0	24.0
29	---	---	---	19.5	18.5	19.0	21.5	17.5	19.5	26.0	23.0	24.5
30	---	---	---	19.5	18.5	18.5	22.5	17.5	20.0	25.5	23.0	24.5
31	---	---	---	19.5	16.5	18.0	---	---	---	26.0	23.0	24.5
MONTH	12.5	7.5	10.5	19.5	10.0	13.5	24.0	12.5	18.0	26.0	18.0	22.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	23.5	25.0	26.5	25.0	26.0	27.0	25.5	26.5	25.0	24.0	24.5
2	27.0	24.5	25.5	27.0	25.0	26.0	27.0	26.0	26.5	24.5	24.0	24.5
3	27.0	24.5	25.5	27.0	25.0	26.0	27.0	25.5	26.5	24.5	23.5	24.0
4	26.0	24.5	25.5	26.0	25.0	25.5	27.0	26.0	26.5	24.0	23.0	23.5
5	26.0	23.5	24.5	27.0	25.0	26.0	27.5	26.0	27.0	23.0	21.5	22.0
6	25.5	23.0	24.0	27.0	25.5	26.5	27.5	26.5	27.0	22.0	21.0	21.5
7	25.5	22.5	24.0	27.0	25.0	26.0	27.0	26.5	26.5	22.5	20.5	21.5
8	25.5	22.5	24.0	27.5	25.5	26.5	27.5	26.0	26.5	24.0	22.0	23.0
9	26.0	23.0	24.5	28.0	26.0	27.0	27.5	26.0	27.0	25.0	23.5	24.5
10	26.5	23.5	25.0	28.5	26.5	27.5	28.0	26.5	27.5	25.5	24.0	25.0
11	26.5	24.5	25.0	28.0	26.5	27.0	27.5	26.0	27.0	26.0	24.5	25.0
12	26.5	23.5	25.0	27.0	26.0	26.5	27.0	26.0	26.5	25.5	22.0	24.0
13	25.5	24.5	25.0	27.5	25.5	26.5	27.0	26.0	26.5	23.5	22.0	22.5
14	25.0	23.5	24.0	27.5	26.0	27.0	26.5	25.5	26.0	24.5	22.5	23.5
15	26.0	23.5	25.0	27.0	26.0	26.5	25.5	24.5	25.5	24.5	23.0	24.0
16	26.0	24.0	25.0	26.5	25.0	25.5	26.0	25.0	25.5	24.5	23.5	24.5
17	25.5	23.5	24.5	25.5	24.5	25.0	26.5	25.5	26.0	25.0	24.0	24.5
18	26.5	23.5	25.0	25.0	24.0	24.5	27.0	26.0	26.5	25.5	24.0	24.5
19	---	---	---	24.5	23.5	24.0	27.0	25.5	26.5	25.0	24.0	24.5
20	---	---	---	24.5	23.0	24.0	26.5	26.0	26.5	24.5	23.5	24.0
21	---	---	---	25.0	23.5	24.5	26.5	25.5	26.0	24.0	23.0	23.5
22	---	---	---	25.5	24.0	25.0	26.5	25.5	26.0	23.0	21.5	22.5
23	25.5	24.0	24.5	26.0	25.0	25.5	26.5	25.0	26.0	22.5	21.0	21.5
24	27.0	24.5	25.5	26.5	25.5	26.0	26.0	25.5	26.0	21.5	20.5	21.0
25	26.0	24.5	25.5	26.0	24.5	25.5	26.0	25.0	25.5	21.0	20.0	20.5
26	26.0	24.0	24.5	26.5	25.0	25.5	26.0	25.5	25.5	21.0	20.0	20.5
27	26.5	24.0	25.0	27.0	25.5	26.0	26.0	25.0	25.5	21.5	20.0	21.0
28	26.0	24.0	25.0	27.0	25.0	26.0	26.5	25.5	26.0	21.5	20.5	21.0
29	25.5	23.5	24.5	26.5	25.5	26.0	26.5	26.0	26.0	22.0	21.0	21.5
30	26.0	24.5	25.5	26.5	25.5	26.0	26.5	25.5	26.0	22.5	22.0	22.0
31	---	---	---	27.0	25.5	26.5	26.0	25.0	25.5	---	---	---
MONTH	27.0	22.5	25.0	28.5	23.0	26.0	28.0	24.5	26.5	26.0	20.0	23.0
YEAR	28.5	5.5	18.5									

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.

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.--No estimated daily discharges. Records good, except for period: Jul. 30 to Sept. 30, which are poor. Flow regulated by Savannah River Plant operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 550 ft^3/s, Sept. 16, 1986, gage height, 4.22 ft; no flow, Apr. 13-29, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 477 ft^3/s, Mar. 10, 11, gage height, 4.08 ft; minimum daily, 20 ft^3/s, from Apr. 20 to May 2.

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	432	422	418	422	431	424	175	20	30	425	411	360
2	431	423	419	424	430	425	151	20	27	425	410	336
3	431	422	421	427	427	424	80	48	25	425	416	351
4	432	423	421	421	426	423	66	33	29	425	414	318
5	426	424	421	192	428	425	79	40	123	425	401	335
6	238	424	420	139	424	426	44	71	410	425	397	338
7	140	424	421	143	423	425	23	33	255	424	408	368
8	148	424	421	143	425	424	22	26	149	425	403	351
9	140	425	422	345	423	428	22	39	59	426	399	352
10	139	423	422	420	426	424	22	72	57	425	403	351
11	136	424	421	426	429	427	22	80	356	424	397	325
12	137	423	421	429	430	423	21	74	421	424	398	347
13	142	423	421	429	427	424	21	48	422	426	410	376
14	137	423	421	425	427	425	21	32	424	425	405	394
15	138	422	422	424	426	427	21	33	426	427	401	376
16	138	424	423	416	419	426	21	77	425	426	400	346
17	186	422	424	416	203	426	21	87	425	421	395	370
18	162	421	423	421	149	423	21	122	425	425	395	339
19	149	421	423	424	143	419	21	153	424	425	395	344
20	141	421	423	424	158	421	20	109	425	426	394	340
21	64	398	422	425	291	423	20	91	425	426	395	330
22	146	313	423	424	410	421	20	92	425	425	395	281
23	413	222	423	432	411	423	20	93	425	425	396	214
24	420	91	424	439	416	423	20	133	425	427	396	219
25	425	179	423	435	422	423	20	94	424	425	380	217
26	422	410	423	435	423	422	20	113	424	426	377	222
27	177	419	423	433	421	422	20	239	424	427	382	227
28	295	420	422	437	425	422	20	418	424	425	368	228
29	419	419	423	432	---	404	20	418	425	427	346	228
30	425	418	424	429	---	186	20	143	424	424	329	228
31	424	---	424	428	---	178	---	69	---	417	357	---
TOTAL	8053	11747	13082	12059	10693	12636	1094	3120	9582	13173	12173	9411
MEAN	260	392	422	389	382	408	36.5	101	319	425	393	314
MAX	432	425	424	439	431	428	175	418	426	427	416	394
MIN	64	91	418	139	143	178	20	20	25	417	329	214

CAL YR 1986 TOTAL 112614 MEAN 312 MAX 478 MIN 29
WTR YR 1987 TOTAL 116823 MEAN 320 MAX 439 MIN 20

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, 73.0°C Oct. 1-4; minimum, 10.0°C Jan. 1, 8.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	73.0	72.0	72.5	64.5	63.5	64.0	59.0	58.0	58.5	54.5	53.5	54.0
2	73.0	72.0	72.5	67.0	63.5	64.0	58.5	56.0	57.5	54.0	52.5	53.0
3	73.0	72.0	72.5	67.5	63.5	66.5	56.5	56.0	56.5	53.0	52.0	52.5
4	73.0	71.5	72.5	69.5	63.5	66.5	57.0	55.0	56.0	53.0	12.5	39.0
5	72.5	27.0	53.0	70.0	68.0	69.0	56.0	55.0	56.0	12.5	12.0	12.0
6	28.5	27.0	27.5	69.5	68.5	69.0	56.0	55.0	55.5	12.0	11.5	11.5
7	27.5	27.0	27.5	70.0	69.0	70.0	56.0	55.0	55.5	11.5	10.0	11.0
8	27.5	26.5	27.0	70.5	70.0	70.0	57.0	55.5	56.5	11.0	10.0	10.5
9	27.0	26.5	27.0	70.5	68.0	70.0	58.0	57.0	57.5	28.5	10.5	12.5
10	27.0	26.0	26.5	70.0	68.0	69.0	58.0	57.0	57.5	49.5	28.5	38.0
11	26.0	24.5	25.5	70.0	68.0	69.5	59.0	57.5	58.0	51.0	49.5	50.5
12	24.5	24.0	24.5	71.0	68.0	70.0	59.0	55.5	58.0	50.0	49.0	49.5
13	24.0	24.0	24.0	71.0	69.5	70.0	58.5	57.5	58.0	49.5	49.0	49.5
14	24.0	24.0	24.0	70.0	69.5	70.0	57.5	56.5	57.0	51.5	49.0	50.0
15	23.5	23.0	23.5	69.5	69.0	69.5	57.5	56.5	57.0	52.0	50.5	51.5
16	23.0	22.5	23.0	70.0	68.5	69.0	58.5	56.0	57.5	52.5	13.0	25.5
17	22.5	22.0	22.5	69.5	67.0	69.0	58.0	55.5	57.0	47.0	20.5	35.0
18	22.0	22.0	22.0	70.5	68.5	69.5	56.0	55.5	56.0	53.0	40.0	51.0
19	22.0	21.0	21.5	70.5	70.0	70.0	55.0	51.5	54.5	53.0	51.5	52.5
20	21.0	20.5	21.0	70.0	19.5	67.0	55.0	53.5	54.5	53.0	52.0	52.5
21	21.0	20.0	20.5	19.0	18.0	18.5	55.0	54.5	54.5	52.0	51.0	51.5
22	21.0	20.0	20.5	18.5	18.0	18.0	55.0	54.0	54.5	51.0	48.5	50.5
23	22.5	20.5	21.0	19.0	18.0	18.5	54.5	51.5	53.5	51.0	48.5	50.0
24	50.0	22.0	43.0	19.0	18.0	18.5	53.0	53.0	53.0	50.0	48.0	49.0
25	61.5	49.0	58.5	19.5	19.0	19.0	53.5	53.0	53.5	50.5	49.0	50.0
26	66.5	21.0	52.0	41.5	19.5	22.0	53.5	53.0	53.5	51.0	50.0	50.5
27	21.5	21.0	21.0	55.5	39.5	48.0	54.0	53.5	54.0	51.0	50.0	50.5
28	21.0	20.5	21.0	59.0	55.0	58.0	54.5	54.0	54.0	50.5	49.5	50.0
29	50.5	21.0	38.5	60.0	56.0	59.0	54.0	54.0	54.0	53.0	50.0	51.0
30	64.0	49.0	61.0	60.0	59.0	59.5	54.5	50.5	53.5	53.5	51.5	52.5
31	64.5	63.5	64.0	---	---	---	55.0	54.5	54.5	53.5	53.0	53.0
MONTH	73.0	20.0	36.5	71.0	18.0	57.0	59.0	50.5	55.5	54.5	10.0	42.5

02197362 P-019 AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	54.0	50.5	53.0	52.5	50.0	51.5	15.5	15.0	15.0	23.0	20.0	21.5
2	54.0	52.0	53.5	53.0	51.5	52.5	16.5	15.5	16.0	25.0	21.0	22.5
3	55.0	54.0	54.5	54.5	52.5	53.5	16.5	15.0	16.0	21.0	20.0	20.5
4	55.5	54.0	54.5	55.0	52.0	54.0	16.0	15.0	15.5	21.5	21.0	21.0
5	56.0	52.5	55.0	55.5	53.5	54.5	15.0	15.0	15.0	21.0	20.5	21.0
6	56.0	55.0	55.5	56.0	55.0	55.5	18.5	14.5	16.0	21.5	20.5	21.0
7	56.0	53.0	55.0	56.0	54.0	55.0	18.0	16.0	17.0	22.5	21.0	22.0
8	56.0	55.0	55.5	56.0	55.0	55.5	18.5	15.5	17.0	22.5	21.5	22.0
9	56.0	54.5	55.5	56.0	53.0	55.5	19.5	16.5	18.0	22.5	21.5	21.5
10	55.0	54.0	54.5	55.0	47.5	54.0	20.0	17.0	18.5	22.0	21.5	22.0
11	55.0	53.5	54.5	54.0	50.0	53.5	20.0	18.0	19.0	22.0	21.5	22.0
12	55.5	54.0	55.0	55.0	54.0	54.5	21.5	18.5	20.0	22.0	21.5	22.0
13	57.0	54.5	56.0	56.0	52.0	54.5	25.0	20.0	22.0	22.5	22.0	22.0
14	57.5	57.0	57.0	57.0	55.5	56.5	23.0	21.0	22.0	23.0	22.0	22.5
15	57.5	57.0	57.5	58.0	57.0	57.5	24.0	20.0	22.0	23.5	22.5	23.0
16	57.5	13.0	42.0	57.5	53.0	55.5	22.0	20.0	21.0	23.0	22.5	22.5
17	14.0	13.0	13.0	58.0	55.5	57.5	20.5	19.0	19.5	23.5	22.5	23.0
18	13.0	12.0	12.5	59.0	57.0	58.0	20.0	18.5	19.0	23.5	23.0	23.0
19	12.5	12.0	12.0	59.5	57.5	58.5	20.0	18.0	19.0	23.5	23.0	23.0
20	13.0	12.0	12.5	60.0	50.5	58.5	21.5	19.0	20.0	24.0	23.0	23.5
21	13.0	12.0	12.5	50.5	42.0	44.0	23.5	20.0	21.5	25.0	23.5	24.0
22	13.0	12.0	12.5	43.0	41.5	42.5	26.5	21.5	23.5	25.0	23.5	24.0
23	27.5	11.5	14.0	44.0	42.5	43.5	25.0	23.0	24.0	24.5	23.0	23.5
24	33.0	32.0	32.5	44.0	43.5	43.5	24.5	23.0	23.5	25.0	23.0	24.0
25	51.0	32.5	45.0	43.5	43.0	43.5	22.5	19.5	21.0	24.5	23.5	24.0
26	51.5	50.5	51.0	43.5	42.5	43.5	19.5	17.5	18.5	24.5	23.5	24.0
27	51.0	50.0	50.5	44.0	42.5	43.5	21.0	17.5	19.0	26.0	23.5	24.5
28	50.5	48.0	49.5	43.5	42.0	43.0	22.0	19.0	20.5	27.0	25.0	25.5
29	---	---	---	45.5	20.5	32.5	23.0	19.0	21.0	27.0	24.5	25.5
30	---	---	---	20.5	18.5	19.5	24.0	19.5	21.5	26.0	24.0	25.0
31	---	---	---	19.0	15.0	16.5	---	---	---	26.5	24.0	25.0
MONTH	57.5	11.5	42.5	60.0	15.0	49.0	26.5	14.5	19.5	27.0	20.0	23.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	24.0	24.5	53.0	51.5	52.0	54.5	30.5	39.5	54.5	54.0	54.5
2	26.0	24.0	24.5	53.0	52.0	52.5	31.5	31.0	31.0	54.5	54.0	54.5
3	25.0	24.5	24.5	53.0	52.0	52.5	54.0	31.0	44.0	54.5	54.0	54.0
4	26.0	24.5	25.0	52.5	51.5	52.0	54.5	50.5	53.5	54.0	53.0	53.5
5	27.5	26.0	26.5	52.0	51.5	52.0	55.0	54.0	54.5	53.0	52.5	52.5
6	27.5	27.0	27.5	52.5	52.0	52.5	55.0	54.5	54.5	52.5	50.5	52.0
7	27.5	26.0	26.5	52.5	52.0	52.5	55.0	51.0	54.5	52.0	51.5	52.0
8	26.5	25.0	26.0	53.0	52.0	52.5	55.0	54.5	55.0	53.0	52.0	52.5
9	26.5	25.0	26.0	53.5	51.0	52.5	55.0	55.0	55.0	53.0	52.0	52.5
10	26.0	25.0	25.5	51.5	50.5	51.0	55.5	54.0	55.0	53.0	52.0	52.5
11	28.5	25.5	27.5	52.0	47.5	51.5	55.5	55.0	55.5	53.5	53.0	53.0
12	29.0	27.5	28.0	53.5	50.0	52.0	56.0	55.5	56.0	53.5	51.5	52.5
13	39.0	29.0	35.5	53.5	53.0	53.5	56.0	55.0	55.5	53.0	52.5	52.5
14	49.0	38.5	44.0	54.0	52.5	53.0	55.0	54.5	55.0	53.0	52.5	53.0
15	50.0	48.0	49.0	54.5	53.5	53.5	55.0	54.0	54.5	54.5	53.0	54.0
16	50.0	48.5	49.5	54.5	40.0	54.0	55.0	54.5	55.0	54.5	53.5	53.5
17	50.0	49.0	49.5	49.5	30.0	33.5	55.0	54.0	54.5	53.5	52.5	53.0
18	50.5	49.5	50.0	55.5	50.0	54.0	55.0	54.0	54.5	53.0	52.5	53.0
19	51.0	50.0	50.0	55.0	51.5	54.5	55.0	54.5	54.5	53.5	51.0	52.5
20	51.0	50.0	50.5	55.0	54.5	54.5	55.0	54.0	54.5	53.5	51.5	53.0
21	50.5	49.5	50.0	54.5	53.5	54.0	55.5	54.5	55.0	53.0	53.0	53.0
22	51.0	48.0	50.0	54.5	54.0	54.0	55.5	54.0	54.5	53.5	53.0	53.0
23	51.0	50.0	50.5	55.5	54.0	54.5	54.5	54.0	54.5	53.0	52.5	53.0
24	51.0	50.0	50.5	55.0	54.0	54.5	54.5	54.0	54.0	53.0	52.5	52.5
25	52.0	51.0	51.5	55.0	54.0	54.5	54.5	54.0	54.5	53.0	52.0	52.5
26	52.0	48.0	50.5	55.0	54.0	54.5	55.0	54.0	54.5	53.5	52.5	52.5
27	51.5	48.0	50.5	54.5	54.0	54.0	54.5	54.0	54.0	53.0	52.0	52.5
28	52.5	51.0	51.5	55.0	54.0	54.5	54.5	54.0	54.5	53.0	52.0	52.5
29	53.0	52.0	52.5	55.0	54.0	54.5	54.5	54.0	54.5	53.0	51.0	52.5
30	53.0	51.5	52.5	55.5	54.0	55.0	55.0	54.5	54.5	53.0	52.0	52.5
31	---	---	---	55.0	54.0	54.5	54.5	54.5	54.5	---	---	---
MONTH	53.0	24.0	40.0	55.5	30.0	52.5	56.0	30.5	53.0	54.5	50.5	53.0
YEAR	73.0	10.0	43.5									

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, 26.0°C Oct. 1, 2, 6; minimum, 7.5°C Jan. 24-29.

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

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

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, SC--Continued

TEMPERATURE (C) OF WATER, 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	10.0	10.0	10.0	9.5	9.0	9.0	15.0	13.5	14.5	19.0	18.5	18.5
2	10.5	10.0	10.0	10.5	9.5	10.0	13.5	13.0	13.5	19.5	18.5	19.0
3	10.5	10.0	10.5	11.0	10.0	10.5	14.0	13.5	13.5	20.0	19.0	19.5
4	11.0	10.5	10.5	11.5	11.0	11.0	13.5	13.0	13.0	20.5	19.0	20.0
5	11.0	10.5	11.0	11.0	10.5	11.0	13.0	12.5	13.0	20.0	19.5	19.5
6	11.0	10.5	10.5	10.5	10.0	10.5	13.0	12.0	12.5	19.5	18.5	19.0
7	10.5	10.5	10.5	10.5	10.0	10.5	13.0	12.5	13.0	19.5	19.0	19.5
8	10.5	10.0	10.0	11.0	10.5	10.5	13.5	13.0	13.0	19.5	18.5	19.0
9	10.5	10.0	10.0	11.5	11.0	11.0	13.5	13.0	13.5	20.0	18.5	19.5
10	10.0	9.5	9.5	11.5	11.0	11.5	14.0	13.5	14.0	20.0	19.0	19.5
11	9.5	9.0	9.5	11.0	10.5	10.5	14.5	14.0	14.0	20.5	19.5	20.0
12	10.0	9.5	9.5	10.0	10.0	10.0	15.5	14.5	15.0	20.5	19.5	20.0
13	10.5	10.0	10.0	10.0	9.5	9.5	16.5	15.5	16.0	20.0	19.5	20.0
14	10.5	10.5	10.5	10.5	10.0	10.0	16.5	16.5	16.5	20.0	19.5	20.0
15	10.5	10.5	10.5	11.5	10.5	11.0	16.0	15.0	15.5	20.0	19.0	19.5
16	10.5	10.0	10.5	13.0	11.5	12.5	15.0	14.5	14.5	20.0	19.5	20.0
17	10.0	9.5	9.5	13.0	12.5	13.0	15.0	14.5	14.5	21.0	20.0	20.5
18	9.5	9.0	9.0	13.0	12.0	12.5	15.0	14.5	15.0	21.5	20.0	21.0
19	9.5	9.0	9.0	12.0	11.5	12.0	16.0	15.0	15.5	22.5	21.0	21.5
20	10.0	9.5	9.5	12.5	11.5	12.0	17.0	16.0	16.5	22.5	21.5	22.0
21	10.0	10.0	10.0	13.0	12.0	12.5	18.5	17.0	17.5	22.5	21.0	22.0
22	10.0	9.5	10.0	14.0	12.5	13.0	19.5	18.0	18.5	21.5	20.5	21.0
23	10.5	9.5	10.0	14.5	13.5	14.0	19.0	18.0	18.5	22.0	20.5	21.0
24	10.5	10.0	10.0	14.5	14.0	14.0	18.5	17.5	18.0	22.5	21.5	22.0
25	10.0	9.5	10.0	14.5	14.5	14.5	18.0	17.5	17.5	22.5	21.5	22.0
26	9.5	9.5	9.5	14.5	14.0	14.5	18.0	17.0	17.5	23.5	22.0	22.5
27	9.5	9.0	9.0	14.5	14.0	14.0	18.0	17.0	17.5	23.0	22.5	23.0
28	9.0	8.5	9.0	15.5	14.0	14.5	18.5	17.0	18.0	23.0	22.0	22.5
29	---	---	---	15.5	15.0	15.5	18.5	17.5	18.0	23.0	22.0	22.5
30	---	---	---	17.0	15.0	16.0	19.0	18.0	18.5	23.0	22.0	22.5
31	---	---	---	16.5	15.0	16.0	---	---	---	23.5	22.0	22.5
MONTH	11.0	8.5	10.0	17.0	9.0	12.0	19.5	12.0	15.5	23.5	18.5	20.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	23.5	22.5	23.0	24.0	23.5	24.0	23.5	22.5	23.0	22.5	21.5	22.0
2	24.0	23.0	23.5	24.0	23.5	23.5	23.5	23.0	23.0	23.0	22.0	22.5
3	24.0	23.5	24.0	23.5	23.0	23.5	24.0	23.0	23.5	22.5	21.5	22.0
4	24.0	23.0	23.5	24.0	23.0	23.5	24.0	23.5	24.0	21.5	20.0	20.5
5	23.0	22.0	22.5	24.0	23.0	23.5	24.0	23.5	23.5	20.5	19.5	20.0
6	23.0	22.0	22.5	23.5	23.0	23.5	23.5	23.0	23.0	20.5	19.5	20.0
7	23.5	22.0	22.5	24.0	23.0	23.5	23.0	22.0	22.5	21.5	20.0	21.0
8	23.5	22.5	23.0	24.5	23.5	24.0	22.5	22.0	22.0	22.5	21.0	21.5
9	24.0	23.0	23.5	24.5	24.0	24.5	22.5	22.5	22.5	22.0	21.0	21.5
10	24.5	23.5	24.0	24.5	23.5	24.0	23.0	22.5	23.0	21.0	20.5	21.0
11	24.0	23.0	23.5	23.5	23.5	23.5	24.0	23.0	23.5	21.5	20.5	21.0
12	24.0	23.0	23.5	23.5	23.0	23.5	24.5	23.0	23.5	21.5	20.5	21.0
13	24.0	23.0	23.5	24.0	23.0	23.5	23.0	22.0	22.5	22.0	20.5	21.0
14	23.0	22.5	22.5	24.5	24.0	24.0	22.5	22.0	22.0	22.5	21.5	22.0
15	23.0	22.0	22.5	24.5	24.0	24.5	22.0	21.5	22.0	22.5	21.5	22.0
16	23.0	22.0	22.5	24.5	24.0	24.5	22.0	21.0	21.5	21.5	20.5	21.0
17	22.5	21.5	22.0	24.5	23.5	24.0	22.0	21.5	21.5	21.0	20.0	20.5
18	22.5	21.5	22.0	24.0	23.0	23.5	23.0	21.5	22.0	20.5	20.0	20.5
19	22.5	22.0	22.5	23.5	22.5	23.0	22.5	20.0	21.5	20.5	20.0	20.0
20	22.5	22.0	22.5	23.0	22.5	22.5	20.0	19.5	19.5	21.5	20.0	21.0
21	23.0	22.0	22.5	23.0	22.5	22.5	21.0	19.5	20.5	21.5	20.5	21.0
22	23.0	22.5	22.5	23.0	22.5	23.0	22.5	20.5	21.0	22.0	21.0	21.5
23	23.0	22.5	23.0	23.5	23.0	23.0	22.5	21.0	21.5	21.5	20.5	21.0
24	24.0	23.0	23.5	23.5	23.0	23.0	22.0	21.0	21.5	21.0	19.5	20.5
25	24.0	23.5	23.5	22.5	22.0	22.5	23.0	21.5	22.0	20.5	19.5	20.0
26	23.5	22.5	23.0	23.0	22.0	22.5	22.5	20.5	22.0	20.5	19.5	20.0
27	23.5	22.5	23.0	23.5	22.5	23.0	21.5	20.0	20.5	20.5	19.5	20.0
28	23.5	22.5	23.0	23.5	23.0	23.5	20.5	19.5	20.0	20.5	20.0	20.5
29	24.0	23.0	23.5	23.5	23.5	23.5	21.0	19.5	20.5	21.0	20.5	21.0
30	24.0	23.5	24.0	23.5	23.5	23.5	22.0	20.0	21.0	21.0	20.5	21.0
31	---	---	---	23.0	22.5	23.0	22.0	21.0	21.5	---	---	---
MONTH	24.5	21.5	23.0	24.5	22.0	23.5	24.5	19.5	22.0	23.0	19.5	21.0
YEAR	26.0	7.5	17.5									

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 September 1987.

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.--Records poor. Flow regulated by Savannah River Plant operations.

AVERAGE DISCHARGE.--8 years (1975-82), 31.4 ft^3/s, 12.22 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, 90 ft^3/s, Mar. 2, gage height, 2.44 ft; minimum daily. 0.82 ft^3/s, Apr. 27.

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	---	---	---	---	---	83	60	.90	1.3	23	26	25
2	---	---	---	---	---	80	55	.95	1.4	22	35	25
3	---	---	---	---	---	79	55	.98	1.4	24	34	24
4	---	---	---	---	---	76	53	1.1	2.1	23	34	25
5	---	---	---	---	---	74	49	.99	2.8	27	33	26
6	---	---	---	---	---	70	46	1.0	1.2	26	33	38
7	---	---	---	---	---	67	42	1.0	1.2	28	35	47
8	---	---	---	---	---	71	38	1.0	1.8	28	35	47
9	---	---	---	---	---	72	35	1.1	1.7	27	34	46
10	---	---	---	---	---	69	31	1.1	1.6	29	34	43
11	---	---	---	---	---	64	28	1.1	1.3	33	43	42
12	---	---	---	---	55	61	25	1.1	1.2	38	41	49
13	---	---	---	---	54	58	19	1.1	1.4	39	39	57
14	---	---	---	---	52	56	19	2.0	2.7	38	38	54
15	---	---	---	---	51	54	20	1.1	3.8	40	37	52
16	---	---	---	---	59	52	16	1.0	5.3	46	35	49
17	---	---	---	---	63	50	12	1.1	8.6	44	35	47
18	---	---	---	---	60	49	12	1.1	9.4	42	34	44
19	---	---	---	---	58	57	10	1.0	18	39	34	43
20	---	---	---	---	55	55	7.4	.99	22	37	33	43
21	---	---	---	---	51	52	4.0	.95	24	36	32	41
22	---	---	---	---	49	51	2.0	.94	23	35	31	39
23	---	---	---	---	50	49	1.0	1.0	22	34	29	39
24	---	---	---	---	49	47	1.3	1.0	24	34	28	38
25	---	---	---	---	49	54	1.2	.99	21	33	28	37
26	---	---	---	---	49	59	1.2	1.0	23	31	27	36
27	---	---	---	---	56	58	.82	1.0	26	30	27	36
28	---	---	---	---	68	58	.83	1.0	24	29	26	35
29	---	---	---	---	---	57	.88	1.0	24	28	25	35
30	---	---	---	---	---	66	1.0	1.0	23	27	24	38
31	---	---	---	---	---	68	---	1.1	---	26	24	---
TOTAL	---	---	---	---	---	1916	646.63	32.69	324.2	996	1003	1200
MEAN	---	---	---	---	---	61.8	21.6	1.05	10.8	32.1	32.4	40.0
MAX	---	---	---	---	---	83	60	2.0	26	46	43	57
MIN	---	---	---	---	---	47	.82	.90	1.2	22	24	24

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 September 1987.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April 1984 to December 1986 and January 1987 to September 1987.

INSTRUMENTATION.--USGS Mini-monitor and Data Collection Platform April 1984 to December 1986, January 1987 to September 1987.

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, 33.5°C, Aug. 8-10; minimum, 10.5°C, Feb. 27.

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	30.0	29.0	29.5	20.0	19.5	20.0	18.0	17.5	17.5	---	---	---
2	30.5	29.0	29.5	21.0	20.0	20.5	17.5	17.4	17.5	---	---	---
3	30.5	29.0	29.5	21.0	20.0	20.5	---	---	---	---	---	---
4	29.5	28.5	29.0	23.0	20.0	21.0	---	---	---	---	---	---
5	29.0	28.5	28.5	21.0	20.5	21.0	---	---	---	13.0	12.5	13.0
6	29.0	27.5	28.5	22.0	20.5	21.5	---	---	---	13.0	12.5	12.5
7	28.0	26.5	27.0	22.0	21.0	21.5	---	---	---	12.5	12.5	12.5
8	27.5	26.5	27.0	22.0	21.0	21.5	---	---	---	12.5	12.5	12.5
9	26.5	26.0	26.5	22.5	21.5	22.0	---	---	---	12.5	12.5	12.5
10	26.5	25.5	26.0	22.0	21.5	22.0	---	---	---	12.5	12.5	12.5
11	25.5	24.5	25.0	23.0	21.5	22.0	---	---	---	12.5	12.5	12.5
12	24.5	24.0	24.0	22.5	21.5	22.0	---	---	---	12.5	12.5	12.5
13	25.0	24.0	24.0	21.5	20.0	21.0	---	---	---	13.0	12.5	12.5
14	24.0	23.5	24.0	20.0	18.5	19.0	---	---	---	12.5	12.5	12.5
15	23.5	22.5	23.0	18.5	18.0	18.5	---	---	---	13.0	12.5	12.5
16	23.0	22.0	22.5	19.5	18.5	19.0	---	---	---	13.0	12.5	12.5
17	23.5	22.0	22.5	19.5	19.0	19.0	---	---	---	13.0	12.5	13.0
18	22.5	21.5	22.0	21.0	19.0	20.0	---	---	---	12.5	13.5	13.5
19	22.0	21.0	21.5	20.5	19.0	19.5	---	---	---	14.5	13.0	13.5
20	22.0	20.5	21.0	19.0	17.0	18.5	---	---	---	13.5	13.0	13.5
21	22.5	20.5	21.5	19.5	18.5	19.0	---	---	---	14.0	12.5	13.5
22	22.0	19.5	20.5	18.5	18.0	18.0	---	---	---	13.0	11.5	12.5
23	22.0	19.0	20.5	19.0	18.0	18.5	---	---	---	12.5	11.5	12.0
24	21.0	19.0	20.0	20.0	18.0	19.0	---	---	---	12.0	11.5	12.0
25	20.5	19.5	20.0	19.5	18.5	19.0	---	---	---	12.5	11.5	12.0
26	21.5	20.0	20.5	19.0	18.5	18.5	---	---	---	12.5	12.0	12.5
27	21.5	20.0	20.5	19.5	18.5	19.0	---	---	---	12.5	12.0	12.0
28	21.5	19.5	20.5	19.0	18.5	18.5	---	---	---	13.0	12.0	12.5
29	20.5	19.5	20.0	18.5	18.0	18.5	---	---	---	12.5	12.5	12.5
30	21.5	19.5	20.0	18.5	17.5	18.0	---	---	---	13.0	12.0	12.5
31	19.5	19.5	19.5	---	---	---	---	---	---	13.5	13.0	13.0
MONTH	30.5	19.0	23.5	23.0	17.0	20.0	18.0	17.4	17.5	14.5	11.5	12.5

02197380 LOWER THREE RUNS BELOW PAR POND AT SAVANNAH RIVER PLANT, SC--Continued

TEMPERATURE (°C) OF WATER, 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	13.5	13.0	13.0	13.5	12.5	13.0	17.5	16.5	17.0	17.0	16.0	16.5
2	13.5	13.0	13.0	14.5	13.0	14.0	17.0	16.5	17.0	17.5	16.5	17.0
3	15.0	13.0	14.5	15.5	14.0	15.0	17.0	16.0	16.5	17.0	16.5	16.5
4	15.0	14.0	14.5	15.5	14.5	15.0	16.0	15.5	15.5	18.0	16.5	17.0
5	14.0	13.5	14.0	15.0	14.5	14.5	16.0	15.5	15.5	17.0	15.5	16.5
6	14.5	14.0	14.5	15.5	14.5	15.0	16.5	15.5	16.0	17.0	15 5	16.5
7	15.0	14.0	14.5	15.5	15.0	15.0	17.0	16.0	16.5	17.0	16.0	16.5
8	15.0	14.5	14.5	15.5	14.5	15.0	17.5	15.5	16.5	18.0	16.0	16.5
9	14.5	13.5	14.0	16.0	15.0	15.5	17.5	16.5	17.0	17.0	16.0	16.5
10	14.5	13.0	13.5	15.5	15.0	15.5	19.0	16.5	17.5	17.0	16.0	16.0
11	15.0	13.5	14.0	15.0	14.5	15.0	18.0	17.0	17.5	16.5	16.0	16.5
12	15.0	14.0	14.5	15.0	15.0	15.0	18.0	16.5	17.0	17.0	16.5	16.5
13	14.5	14.0	14.5	16.0	15.0	15.5	20.5	17.0	19.0	17.0	16.0	16.5
14	15.5	14.0	14.5	16.0	15.0	15.5	18.5	17.0	17.5	19.5	16.5	16.5
15	15.0	14.0	14.5	16.0	15.0	15.5	17.5	17.5	17.5	16.5	16.0	16.5
16	14.5	11.5	14.0	17.0	15.5	16.0	18.5	18.0	18.0	18.5	16.0	16.5
17	14.5	14.0	14.5	16.0	15.5	16.0	19.0	18.0	18.0	17.0	16.5	16.5
18	14.5	14.0	14.0	16.0	15.5	15.5	19.0	18.0	18.5	17.0	16.5	16.5
19	14.5	14.0	14.0	17.5	14.0	16.0	20.0	18.0	19.0	21.5	16.5	17.5
20	14.0	13.5	14.0	17.0	16.5	16.5	22.0	18.5	20.0	19.0	16.5	17.0
21	13.5	13.5	13.5	18.0	16.0	17.0	25.0	19.5	21.0	17.5	16.5	17.0
22	13.5	13.0	13.0	18.0	17.5	17.5	25.0	19.5	21.5	19.0	16.5	17.0
23	14.0	13.0	13.5	17.5	17.0	17.0	20.5	18.5	20.0	17.5	16.0	17.0
24	13.5	13.0	13.0	17.0	15.5	16.5	21.0	18.0	19.5	17.5	16.0	17.0
25	13.0	13.0	13.0	17.0	16.0	16.5	19.5	16.5	18.5	17.0	16.5	16.5
26	13.0	12.5	13.0	19.5	17.0	18.0	19.0	16.0	17.5	17.0	16.0	16.5
27	12.5	10.5	12.5	19.0	17.5	18.5	16.5	15.5	16.0	20.0	16.5	17.0
28	13.0	12.0	12.5	20.5	18.5	19.5	17.0	16.0	16.5	17.0	16.5	17.0
29	---	---	---	19.5	17.5	18.5	16.5	15.0	16.0	17.5	16.5	17.0
30	---	---	---	20.5	18.5	19.5	18.5	15.5	16.5	17.5	16.5	17.0
31	---	---	---	19.0	16.5	17.5	---	---	---	24.0	17.0	20.5
MONTH	15.5	10.5	14.0	20.5	12.5	16.0	25.0	15.0	17.5	24.0	15.5	17.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.5	22.5	25.0	30.5	29.0	29.5	33.0	30.0	30.5	30.0	29.0	29.5
2	29.0	26.0	27.5	30.0	29.0	29.5	30.5	30.0	30.0	30.0	29.0	29.0
3	30.5	26.5	28.0	30.5	29.0	29.5	32.0	30.0	31.0	29.0	29.0	29.0
4	28.5	27.5	28.0	29.5	29.5	29.5	31.5	30.5	31.0	28.5	28.0	28.5
5	28.0	26.5	27.5	31.5	29.0	30.5	31.5	30.5	31.0	28.0	27.5	27.5
6	26.0	22.5	25.0	32.0	30.0	31.0	32.0	31.0	31.5	27.5	26.0	27.0
7	26.5	22.5	24.5	31.5	30.0	30.5	32.0	30.5	31.5	27.0	26.5	27.0
8	28.5	25.5	26.5	33.0	30.0	31.5	33.5	31.0	31.5	28.0	26.5	27.0
9	28.5	26.0	27.0	33.0	31.0	32.0	33.5	31.0	32.0	28.0	27.0	27.5
10	29.0	26.5	27.5	32.5	32.0	32.5	33.5	31.5	32.5	29.5	27.5	28.0
11	27.0	20.5	24.5	33.0	32.0	32.5	31.5	31.0	31.5	29.0	27.5	28.0
12	27.0	21.5	24.0	---	---	---	31.5	31.0	31.0	28.0	25.5	27.0
13	27.5	23.5	26.0	---	---	---	31.0	30.5	31.0	27.0	25.5	26.0
14	28.0	27.0	27.5	---	---	---	30.5	30.0	30.0	27.5	26.0	26.5
15	28.0	27.0	27.5	30.5	28.5	29.0	32.0	30.0	30.5	27.0	27.0	27.0
16	28.5	27.0	27.5	31.0	28.0	30.0	31.5	30.0	30.5	27.5	27.0	27.0
17	28.5	27.5	28.0	31.0	30.0	30.5	32.0	30.0	30.5	27.5	27.0	27.0
18	30.5	27.5	29.0	30.5	30.0	30.0	32.0	30.5	31.0	27.5	27.0	27.0
19	---	---	---	31.0	29.5	30.0	31.5	30.5	31.0	27.0	26.5	27.0
20	---	---	---	30.5	29.5	30.0	32.0	30.5	31.0	28.5	26.5	27.0
21	---	---	---	31.5	29.0	30.0	31.0	30.5	30.5	29.0	28.0	28.5
22	---	---	---	32.0	29.5	31.0	33.0	30.0	31.0	28.5	27.5	28.0
23	29.5	29.0	29.0	32.0	31.0	31.5	31.5	30.5	31.0	28.5	27.5	28.0
24	31.5	28.5	30.0	32.5	30.5	31.5	31.0	30.0	30.5	28.5	27.0	27.5
25	29.5	29.0	29.0	31.5	30.5	31.0	32.5	29.5	30.5	28.0	27.0	27.5
26	30.0	29.0	29.0	32.5	30.5	31.0	31.5	29.5	30.5	29.5	26.5	27.5
27	30.5	29.0	29.5	32.5	30.5	31.0	31.5	30.0	30.5	27.0	26.5	27.0
28	30.0	29.0	29.5	32.0	30.5	31.0	31.5	30.0	30.5	26.5	26.5	26.5
29	30.0	28.5	29.0	31.0	30.0	30.5	31.5	30.0	31.0	27.0	26.5	26.5
30	31.0	29.0	30.0	30.5	30.0	30.0	30.5	29.5	30.0	27.5	26.0	27.0
31	---	---	---	32.5	30.0	30.5	31.0	29.0	30.0	---	---	---
MONTH	31.5	20.5	27.5	33.0	28.0	30.5	33.5	29.0	31.0	30.0	25.5	27.5
YEAR	33.5	10.5	21.5									

02197400 LOWER THREE RUNS NEAR SNELLING, SC

LOCATION.--Lat 33°10'35'', long 81°28' 50'', Barnwell County, Hydrologic Unit 03060106, near left bank at upstream side of bridge on State road 20, 1.0 mi upstream from Patterson Branch and 4.7 mi south of Snelling.

DRAINAGE AREA.--59.3 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929 from topographic map).

REMARKS.--No estimated daily discharges. Records fair, except those below 40 ft^3/s, which are poor.

AVERAGE DISCHARGE.--13 years, 81.7 ft^3/s, 18.71 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, 347 ft^3/s, Jan. 22, gage height, 3.39 ft; minimum daily 19 ft^3/s, Jun 11-13.

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	60	48	90	132	120	251	136	26	21	52	34	44
2	57	47	87	127	118	179	122	25	21	46	58	43
3	54	41	86	89	124	155	118	25	20	55	54	42
4	50	39	73	81	116	145	119	24	35	57	50	41
5	47	38	68	79	108	138	107	29	43	60	48	49
6	44	37	65	80	117	134	98	30	29	53	45	81
7	45	37	62	77	160	131	92	29	23	52	49	129
8	45	37	61	75	145	157	82	28	21	49	51	87
9	47	37	60	77	120	155	72	26	21	47	48	76
10	70	37	62	76	109	144	64	24	20	45	46	71
11	79	35	72	76	103	131	58	23	19	51	72	68
12	70	35	90	75	100	128	53	24	19	76	70	77
13	65	35	99	74	96	121	48	31	19	76	61	144
14	66	35	76	74	92	116	45	54	26	72	55	102
15	63	38	69	76	90	109	54	107	31	67	52	90
16	56	38	66	81	145	104	52	38	27	60	52	83
17	52	47	65	102	149	101	47	33	28	55	54	78
18	47	48	65	124	122	97	45	30	32	51	50	73
19	45	44	66	165	116	177	44	29	141	48	49	72
20	42	77	63	165	108	142	40	28	178	46	54	78
21	38	88	62	131	103	114	36	27	78	44	47	72
22	34	60	59	282	102	105	33	27	59	43	44	65
23	29	57	62	216	108	99	31	26	55	42	42	61
24	26	58	78	159	96	96	30	26	52	41	40	58
25	26	61	76	160	92	119	30	26	50	47	40	56
26	28	65	67	181	91	143	29	25	57	42	38	54
27	28	56	64	156	126	125	29	25	59	39	38	52
28	29	55	62	143	208	125	28	24	53	39	37	51
29	29	53	60	136	---	124	27	23	48	37	36	50
30	28	75	58	131	---	152	27	22	50	36	35	57
31	30	---	57	126	---	164	---	22	---	35	37	---
TOTAL	1429	1458	2150	3726	3284	4181	1796	936	1335	1563	1486	2104
MEAN	46.1	48.6	69.4	120	117	135	59.9	30.2	44.5	50.4	47.9	70.1
MAX	79	88	99	282	208	251	136	107	178	76	72	144
MIN	26	35	57	74	90	96	27	22	19	35	34	41

CAL YR 1986 TOTAL 21957 MEAN 60.2 MAX 248 MIN 13
WTR YR 1987 TOTAL 25448 MEAN 69.7 MAX 282 MIN 19

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 129.2.

DRAINAGE AREA.--8,650 mi^2, approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

GAGE --Water-stage recorder. Datum of gage is 52.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS --Estimated daily discharges: Jan. 4-19. Records good. Flow regulated by Clark Hill Lake (see 02194500).

AVERAGE DISCHARGE.--36 years, 10,380 ft^3/s, 16.30 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, 27,600 ft^3/s, Mar. 10, gage height, 16.79 ft; minimum daily, 3,960 ft^3/s, Oct. 25 and Nov. 8.

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	4850	4080	6040	4890	7060	14600	14000	6510	4860	5870	6370	6630
2	5740	4070	6520	7390	7600	16800	15400	6830	4730	6760	5890	6600
3	6810	4150	7860	11200	8240	18200	15100	6910	4870	6650	6220	7190
4	6980	4110	8990	13500	8290	19600	11900	6720	4800	6510	6810	8940
5	6190	4020	8160	12300	8000	21100	11000	6520	5150	6720	7450	9620
6	5110	3980	7400	8120	8220	22700	10900	6590	5150	6560	8400	8470
7	4600	3970	6330	6130	9740	24200	11000	6790	5050	6270	9010	7240
8	4240	3960	5510	5840	10800	25800	13100	6610	4500	6250	8920	6810
9	4060	4040	4850	5450	11400	27100	14400	6190	4500	6400	8320	8580
10	4290	3990	4550	5530	11800	27500	15200	5950	4500	6860	7780	11000
11	4850	3980	4640	5220	13900	26900	15800	5860	4500	7240	7560	11500
12	5070	4050	5310	4760	15200	26000	15900	5850	4400	6530	8520	11300
13	4720	4130	6080	4650	16000	25500	14200	6330	4300	6210	8930	9650
14	4610	4200	7300	4580	16500	25300	11200	7300	5200	6220	8160	7930
15	4580	4180	7680	4450	16800	24600	12500	7580	5600	5970	8670	8340
16	4500	4130	6480	5090	15500	22400	14200	7710	5900	5950	8960	11500
17	4340	4210	5470	5600	12500	17900	15200	7310	6200	5960	7840	12500
18	4290	4420	5050	5580	13200	14600	15600	6810	6600	6000	7150	12700
19	4280	4370	4870	6480	14300	13800	14600	6440	6910	6090	9330	13200
20	4330	4450	4810	10400	14100	13700	10900	6450	7340	6050	11400	13000
21	4370	4880	4690	14100	13500	13400	8460	6750	7460	6150	11900	10100
22	4440	5970	4550	16400	12500	12700	7720	6340	7190	6330	10600	8080
23	4340	6990	4430	18000	10100	10100	9040	5810	6650	5750	9580	9290
24	3970	5810	4560	18900	8580	8690	10200	5400	6130	6140	8270	9470
25	3960	5090	5110	18500	9730	9020	9400	5100	5950	6820	7300	9460
26	4150	4770	7160	19900	10700	10100	7480	4900	6570	6470	8950	10100
27	4130	4680	9620	16200	11100	11500	6370	4930	6800	5750	9990	11000
28	3980	4810	8320	15100	12200	12200	6040	5350	6300	5520	10800	9070
29	4100	5010	6500	12200	---	11800	6240	5430	5710	6050	11200	7990
30	4310	5360	5020	9280	---	11200	6500	5270	5390	6370	10300	9820
31	4170	---	4630	7970	---	12300	---	5090	---	6820	7890	---
TOTAL	144360	135870	188690	306670	327570	551310	349550	193630	169210	195240	268470	287190
MEAN	4657	4529	6087	9893	11700	17780	11650	6246	5640	6298	8660	9573
MAX	6980	6990	9620	19900	16800	27500	15900	7710	7460	7240	11900	13200
MIN	3960	3960	4430	4450	7060	8690	6040	4900	4300	5520	5890	6600

CAL YR 1986 TOTAL 1417550 MEAN 5516 MAX 9620 MIN 3960
WTR YR 1987 TOTAL 3117760 MEAN 8542 MAX 27500 MIN 3960

02198500 SAVANNAH RIVER NEAR CLYO, GA
(National stream-quality accounting network station and radiochemical program station)

LOCATION.--Lat 32°31'30'', long 81°15'45'', Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyo, and at mile 60.9.

DRAINAGE AREA.--9,850 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Monthly discharge only for some periods, published in WSP 1303. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Water-stage recorder. Datum of gage is 13.39 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by Clark Hill Lake (sta 02194500), and by other powerplants above station.

AVERAGE DISCHARGE.--54 years, 11,874 ft^3/s, 16.37 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, 29,700 ft^3/s, Mar. 13, gage height, 15.57 ft; minimum daily, 4,730 ft^3/s, Oct. 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	5340	4850	6040	6200	19000	14100	14600	7270	5700	6400	6770	9640
2	5320	4810	6570	6440	15300	15100	14700	7270	5550	6550	6670	7800
3	5680	4800	7080	7700	12600	16200	15200	7400	5420	7360	6260	7220
4	6410	4830	7980	10500	11400	17400	15700	7510	5480	7720	6310	7540
5	6760	4850	9080	12300	11000	18900	16300	7390	5740	7470	6750	8810
6	6390	4810	9010	13200	10500	20400	16400	7180	6020	7520	7310	9890
7	5670	4780	8380	13000	10400	22000	15900	7140	6030	7430	8120	9710
8	5210	4750	7450	10600	11200	23800	15100	7270	5810	7140	8800	8660
9	4950	4750	6620	8790	12100	25500	14600	7190	5570	6960	9030	7860
10	4820	4790	6000	8320	12800	27000	14600	6870	5510	6960	8730	8670
11	4840	4790	5810	8160	13300	28300	14900	6600	5560	7230	8380	10300
12	5120	4790	6030	7600	13800	29300	15300	6470	5570	7600	8020	11200
13	5370	4820	6570	6900	14500	29700	15700	6480	5520	7290	8430	11500
14	5280	4840	7200	6460	15100	29500	16000	6790	5460	6820	8970	11100
15	5180	4870	8030	6260	15700	28800	16000	7560	5540	6690	8650	9650
16	5130	4870	8820	6120	16400	28000	15400	8060	5770	6450	8740	9050
17	5110	4890	8100	6560	17000	27400	14900	8250	5980	6330	9040	10400
18	5020	4910	7050	7190	17500	26800	14900	8060	6200	6290	8490	11500
19	4970	5010	6440	7550	17400	25600	15100	7700	6400	6270	7670	12100
20	4950	5180	6130	8400	16900	23400	15300	7280	6910	6300	8680	12600
21	4960	5320	5980	10600	16600	20900	15300	7230	7500	6280	10100	12800
22	4980	5470	5870	12900	16600	18800	13900	7360	7820	6320	10900	12500
23	5020	6070	5790	14600	16500	17400	11400	7150	7870	6480	11000	10800
24	4970	6990	5760	16000	16100	16200	10500	6700	7510	6130	10300	10000
25	4810	6590	5760	17400	14800	14800	11000	6240	7090	6230	9250	10000
26	4730	5950	6020	19200	13400	13500	11000	5900	6930	6720	8010	9980
27	4790	5650	7290	21500	13200	13100	9600	5710	7220	6720	8660	10200
28	4800	5540	9320	23700	13400	13400	8050	5660	7490	6210	9570	10800
29	4740	5570	9480	24600	---	13800	7280	5830	7220	5940	10300	10400
30	4770	5750	8190	24000	---	14400	7150	5930	6770	6130	10800	9140
31	4820	---	6690	22200	---	14600	---	5840	---	6440	10900	---
TOTAL	160910	155890	220540	374950	404500	648100	411780	215290	189160	208380	269610	301820
MEAN	5191	5196	7114	12100	14450	20910	13730	6945	6305	6722	8697	10060
MAX	6760	6990	9480	24600	19000	29700	16400	8250	7870	7720	11000	12800
MIN	4730	4750	5760	6120	10400	13100	7150	5660	5420	5940	6260	7220

CAL YR 1986 TOTAL 2414760 MEAN 6689 MAX 14600 MIN 4730
WTR YR 1987 TOTAL 3560930 MEAN 9756 MAX 29700 MIN 4730

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 1986 TO SEPTEMBER 1987

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 (MG/L AS CACO3)
NOV												
06...	1530	4810	100	7.30	20.0	3.6	774	7.7	83	230	K180	20
FEB												
26.	1700	13200	81	7.10	9.5	2.8	780	9.9	85	370	200	19
JUN												
02...	1120	5550	92	7.30	26.0	14	762	6.7	83	K60	220	21
AUG												
28...	1010	9520	70	7.20	24.5	7.1	764	7.1	85	230	K90	16

DATE	HARD-NESS NONCAR-BONATE (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
NOV											
06...	0	5.7	1.4	13	56	1	2.0	27	10	8.5	<0.10
FEB											
26...	0	5.2	1.5	9.2	49	0.9	1.4	20	12	7.3	<0.10
JUN											
02...	0	5.9	1.5	14	57	1	1.7	26	17	11	<0.10
AUG											
28...	0	4.2	1.4	8.8	51	1	1.6	20	10	6.4	0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	SOLIDS, DIS-SOLVED (TONS PER DAY)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)
NOV											
06...	10	82	64	0.11	1060	0.450	0.020	0.03	0.50	0.120	0.400
FEB											
26...	8.3	57	60	0.08	2030	0.320	0.150	0.19	1.0	0.080	0.040
JUN											
02...	10	71	77	0.10	1060	0.460	0.050	0.06	0.60	0.140	0.070
AUG											
28...	9.2	52	54	0.07	1340	0.290	0.010	0.01	0.60	0.090	0.060

DATE	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	ARSENIC DIS-SOLVED (UG/L AS AS)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR)	COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)
NOV											
06...	0.070	0.21	20	<1	7	<0.5	<1	<1	<3	1	170
FEB											
26...	0.040	0.12	110	<1	11	<0.5	<1	<1	<3	2	200
JUN											
02...	0.060	0.18	40	<1	10	<0.5	<1	2	<3	1	300
AUG											
28...	0.060	0.18	20	<1	12	<0.5	<1	<1	<3	<1	110

02198500 SAVANNAH RIVER NEAR CLYO, GA--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987--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)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
NOV											
06...	<5	<4	6	0.3	<10	<1	<1	<1	35	<6	3
FEB											
26...	<5	<4	15	0.3	<10	4	<1	<1	33	<6	6
JUN											
02...	<5	<4	7	0.2	<10	<1	<1	<1	34	<6	21
AUG											
28...	<5	<4	11	<0.1	<10	<1	<1	<1	29	<6	19

DATE	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM DIS-SOLVED, EXTRAC-TION (UG/L)
NOV											
06...	18	234	86	<0.4	1.3	1.6	0.5	1.5	0.5	0.02	<0.01
FEB											
26...	17	606	98	--	--	--	--	--	--	--	--
JUN											
02...	26	390	93	0.8	0.6	1.9	0.7	1.7	0.7	0.03	0.02
AUG											
28...	22	565	92	--	--	--	--	--	--	--	--

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

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--34°23'40'', long 80°09'00'', Darlington County, Hydrologic Unit 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 1986 TO SEPTEMBER 1987

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, 1986	220.6	1310		96.3	8,488		96.6	1,162		97.0	5,902	
Oct. 31, 1986	220.4	1290	-7.5	95.7	8,199	-107.9	96.1	1,099	-23.5	97.0	5,902	0
Nov. 30, 1986	220.9	1339	18.9	96.7	8,683	186.7	94.9	951	-57.1	97.1	5,957	21.2
Dec. 31, 1986	220.9	1339	0	97.2	8,931	92.6	96.0	1,086	50.4	97.2	6,012	20.5
Cal. Yr. 1986			0.6			-1.6			-4.5			-1.8
Jan. 31, 1987	221.3	1379	14.9	97.8	9,233	112.8	95.2	987	-37.0	97.8	6,348	125.4
Feb. 28, 1987	221.7	1420	16.9	99.9	10,334	455.1	99.9	1,615	259.6	101.2	8,359	831.3
Mar. 31, 1987	221.3	1379	-15.3	98.0	9,335	-373.0	97.3	1,254	-134.8	99.3	7,211	-428.6
Apr. 30, 1987	220.9	1339	-15.4	99.4	10,066	282.0	96.5	1,149	-40.5	97.4	6,124	-419.4
May. 31, 1987	220.5	1300	-14.6	97.5	9,082	-367.4	98.5	1,416	99.7	96.6	5,683	-164.6
June 30, 1987	221.0	1349	18.9	97.1	8,881	-77.5	97.6	1,293	-47.5	97.0	5,902	84.5
July 31, 1987	220.2	1271	-29.1	97.0	8,832	-18.3	96.0	1,086	-77.3	97.0	5,902	0
Aug. 31, 1987	220.4	1290	7.1	96.2	8,437	-147.5	97.0	1,214	47.8	96.9	5,847	-20.5
Sept. 30, 1987	220.5	1300	3.8	97.1	8,881	171.3	96.5	1,149	-25.1	96.9	5,847	0
WTR YR 1987			-0.3			12.5			-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 1987 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum Probable date	Annual maximum Gage Height (ft)	Annual maximum Discharge (ft^3/s)
		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	1975-87	1-22-87	5.73	140
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	1975-87	B	<2.92	(+)
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	1975-87	2-28-87	6.96	(+)
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	1968-87	3-1-87	6.40	510
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	1975-87	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† 1972-87	3-1-87	12.16	2210
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	1974-87	1-22-87	6.46	(+)
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	1974-87	1-22-87	5.28	240
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† 1972-87	2-28-87	11.50	4710
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	1974-87	B	A	(+)
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	1974-87	3-1-87	6.88	(+)
		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	1975-87	1-19-87	4.48	(+)
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	1975-87	2-28-87	4.33	(+)

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1987 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum Probable date	Annual maximum Gage Height (ft)	Annual maximum Discharge (ft^3/s)
		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 1970-87	2-28-87	14.36	3550
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 1970-87	3-1-87	11.45	3380
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	1966-87	1-24-87	3.41	201
02160000	Fairforest Creek nr Union, SC	Lat 34°40'45'', long 81°41'25'', Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mi downstream from Buffalo Creek, 4.3 mi southwest of Union, and at mile 7.5.	183	1940-71 1972-87	3-1-87	7.22	6340
02160130	Enoree River nr Travelers Rest, SC	Lat 34°59'21'', long 82°BK'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	1974-87	12-24-87	4.19	135
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 1977-87	3-1-87	7.04	13500
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	1975-86	11-30-85	<3.37	(+)
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	1941-86	11-30-85	5.23	2020
02162525	Hamilton Creek nr Easley, SC	Lat 34°50'10'', long 82°33'50'', Pickens County, on upstrem side of bridge on State Highway 135, 4.6 mi northeast of Easley.	1.60	1981-86† 1987	3-1-87	4.40	49
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 1972-87	3-1-87	7.50	8350
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	1975-87	3-1-87	5.28	109
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	1974-87	3-1-87	5.55	109
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	1974-87	1-22-87	5.30	64
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	1974-87	9-5-87	1.75	(+)
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	3-1-87	8.98	(+)
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	1975-87	1-1-87	3.75	63

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1987 in South Atlantic Slope basins.

Station Number	Station Name	Location	Drainage area (mi^2)	Period of record	Annual maximum: Probable date	Annual maximum: Gage Height (ft)	Annual maximum: Discharge (ft^3/s)
		Edisto River Basin					
02172500	South Fork Edisto River nr Montmorenci, SC	Lat 33°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 1967-87	3-1-87	7.25	1020
0217350	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	1975-87	3-1-87	2.68	(+)
		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	1975-87	3-1-87	4.52	(+)
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	1975-87	3-1-87	6.58	(+)
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	1975-87	9-5-87	5.36	(+)
		Broad River Basin					
02176850	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	1-24-87	6.57	2250
		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	1974-87	B	<5.04	(+)
02185400	Cane Creek nr Walhalla, SC	Lat 34°46'48'', long 83°06'22'', Oconee County, on upstram side of culvert on State Highway 28, 2.5 mi northwest of Walhalla.	1.08	1975-87	12-24-86	5.15	(+)
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	1975-87	3-1-87	9.42	(+)
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	1975-87	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	1975-87	7-4-87	3.89	(+)
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	1975-87	3-1-87	3.89	149

\+ 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 1986 TO SEPTEMBER 1987

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to these events. Those measurements and others collected for some special reasons are called measurements at miscellaneous sites.

STATION NO.	STATION NAME	LOCATION	DRAINAGE AREA (MI^2) (Approx)	PERIOD OF RECORD (WT YR)	DATE	GAGE HEIGHT (FT)	DISCHARGE (FT^3/S)
		SANTEE RIVER BASIN					
02148312	Wateree River @ Union Camp nr Eastover, SC	Lat 33°53'34'', long 80°37'35'', Richland County, 3.0 miles upstream from SCE&G plant, and 4.0 mi east of Eastover.	5,590	1984-1987	11-10-86	85.68	1,320
					01-15-87	95.88	7,870
					05-01-87	97.19	9,130
					06-05-87	95.42	7,200
					08-03-87	85.45	1,010
					09-22-87	89.60	3,000
02169605	Congaree River @ Carolina Eastman, nr Gaston, SC	Lat 33°52'48'', long 81°00',48'' Calhoun County, 5.0 mi upstream of Sandy Run Creek, and 5.5 mi north of Sandy Run.	8,000	1986-1987	11-03-86	3.26	2,870
					12-15-86	10.28	13,100
					01-02-87	14.80	22,300
					01-14-87	8.50	11,500
					02-12-87	8.76	11,000
					02-13-87	8.85	11,500
					03-17-87	7.87	8,420
02171001	Santee River @ Lake Marion Tail Race, nr Pineville,SC	Lat 33°26'58'', long 80°09'50'', Berkeley County, 300 feet below Wilson Dam, 2.8 mi upstream from Old Santee Canal, 5.4 mi upstream from Dead River, 8.0 mi west of Pineville.	14,700	1966-1987	01-08-87	26.96	545
					04-23-87	26.95	625
					07-07-87	26.80	493
					09-24-87	26.87	565
02171520	Little River nr Pineville, SC	Lat 33°28'56'', long 80°09'43'', Clarendon County, 4.5 miles upstream from Dead River, 8.1 mi west of Pineville.		1946-1987	01-08-87	--	16
					04-23-87	--	31
					07-07-87	--	23
					09-24-87	--	21
		EDISTO RIVER BASIN					
02174048	Edisto River @ SCE&G Plant nr Canadys, SC	Lat 33°04'00'', long 80°37'26'', Colleton County, 1.0 miles north of Canadys, and 12.0 mi north of Walterboro.	1,810	1982-1987	11-20-86	53.84	1,090
					01-09-87	56.76	2,480
					04-14-87	57.74	2,440
					06-12-87	53.19	914
					08-10-87	50.30	861
					09-25-87	51.28	1,000

GROUND WATER RECORDS

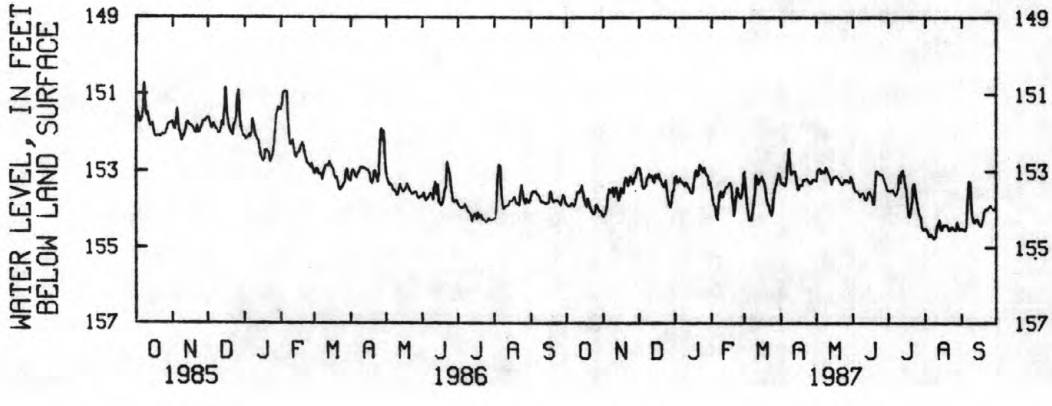
AIKEN COUNTY

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.--Formerly listed AK-2 or LA-4 before 1974. Also known as SRP-4M. Electric log available in District file.
PERIOD OF RECORD.--1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 144.82 ft below land-surface datum, Feb. 23, 1966; lowest, 154.78 ft below land-surface datum, Aug. 8, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	153.87	154.20	152.93	153.18	153.48	153.02	153.31	153.26	153.32	153.51	154.51	154.51
2	153.92	154.14	152.97	153.14	153.75	153.46	153.34	153.01	153.44	153.52	154.53	154.53
3	153.92	154.11	153.10	153.30	153.89	153.84	153.31	152.96	153.53	153.53	154.59	154.55
4	153.93	153.95	153.40	153.28	153.93	154.05	153.38	152.95	153.53	153.50	154.70	154.57
5	153.86	153.62	153.45	153.20	154.17	154.28	153.38	153.06	153.55	153.50	154.71	154.47
6	153.85	153.48	153.44	153.29	154.27	154.22	153.18	153.00	153.61	153.58	154.65	153.70
7	153.92	153.56	153.38	153.29	153.91	154.28	152.77	153.03	153.67	153.63	154.70	153.27
8	153.89	153.55	153.21	153.33	153.62	154.08	152.42	153.04	153.60	153.60	154.78	153.30
9	153.73	153.43	153.17	153.40	153.54	153.88	152.87	152.90	153.60	153.45	154.74	153.97
10	153.56	153.66	153.09	153.31	153.68	153.60	153.09	152.95	153.58	153.10	154.71	154.22
11	153.56	153.47	153.16	153.33	153.67	153.10	153.02	153.06	153.73	153.30	154.44	154.33
12	153.56	153.44	153.13	153.42	153.53	153.17	153.02	153.12	153.76	153.03	154.36	154.35
13	153.47	153.60	153.25	153.46	153.45	153.33	153.02	153.21	153.70	152.98	154.27	154.26
14	153.38	153.77	153.31	153.55	153.42	153.24	153.16	153.34	153.56	153.12	154.51	154.26
15	153.56	153.64	153.11	153.58	153.38	153.21	153.48	153.21	153.54	153.35	154.53	154.33
16	153.76	153.45	153.11	153.59	153.32	153.16	153.48	153.16	153.60	153.49	154.42	154.40
17	153.88	153.56	153.19	153.28	153.31	153.24	153.37	153.16	153.67	153.93	154.41	154.44
18	153.94	153.57	153.08	153.08	153.42	153.31	153.37	153.14	153.87	154.18	154.42	154.38
19	153.73	153.30	153.20	152.99	153.83	153.47	153.37	153.18	153.87	154.20	154.40	154.24
20	153.85	153.19	153.28	153.13	154.17	153.75	153.24	153.21	153.37	153.98	154.45	154.05
21	153.96	153.20	153.35	153.10	154.02	153.87	153.24	153.28	153.00	153.79	154.55	153.99
22	154.03	153.39	153.41	152.85	153.64	153.92	153.22	153.33	153.02	153.35	154.55	154.00
23	154.09	153.28	153.33	152.89	153.46	154.07	153.19	153.35	153.07	153.33	154.47	153.99
24	154.13	153.16	153.26	152.98	153.58	154.17	153.25	153.30	153.09	153.68	154.47	153.94
25	154.09	153.24	153.54	153.03	153.67	154.02	153.30	153.23	153.10	153.83	154.52	153.90
26	153.88	153.33	153.77	152.93	153.71	153.69	153.33	153.28	153.09	154.00	154.55	153.95
27	153.92	153.20	153.88	153.05	153.61	153.47	153.29	153.25	153.21	154.15	154.54	153.99
28	154.01	153.17	153.95	153.11	153.35	153.35	153.23	153.29	153.30	154.20	154.33	154.00
29	154.06	153.06	153.82	153.14	---	153.23	153.24	153.31	153.39	154.44	154.47	153.97
30	154.05	152.95	153.54	153.36	---	153.07	153.22	153.15	153.49	154.54	154.54	153.90
31	154.13	---	153.48	153.29	---	153.08	---	153.20	---	154.54	154.53	---
MEAN	154	153	153	153	154	154	153	153	153	154	155	154
MAX	154.13	154.20	153.95	153.59	154.27	154.28	153.48	153.35	153.87	154.54	154.78	154.57
MIN	153.88	152.95	152.93	152.85	153.31	153.02	152.42	152.90	153.00	152.98	154.27	153.27

CAL YR 1986 MEAN 153 HIGH 150.93 LOW 154.34
WTR YR 1987 MEAN 154 HIGH 152.42 LOW 154.78



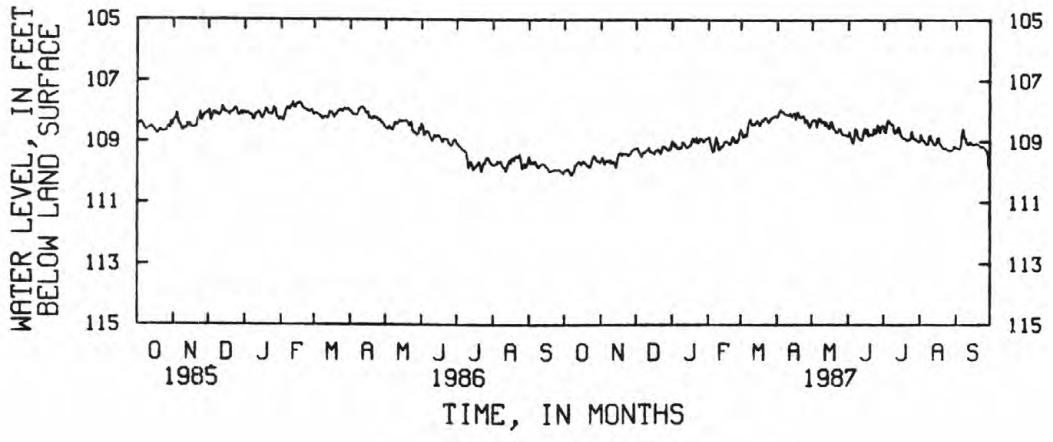
BARNWELL COUNTY

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, 110.13 ft below land-surface datum, Oct. 7,1986.

WATER LEVER, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109.99	109.65	109.26	109.01	108.89	108.60	108.22	108.34	108.84	108.50	109.02	109.21
2	109.96	109.55	109.22	109.05	108.87	108.77	108.15	108.30	108.71	108.68	108.78	109.23
3	109.95	109.60	109.29	109.18	109.10	108.87	108.04	108.29	108.88	108.71	108.93	109.25
4	109.91	109.76	109.39	109.11	109.25	108.86	107.97	108.34	109.01	108.40	108.98	109.27
5	109.99	109.67	109.44	109.20	109.36	108.78	108.03	108.55	109.08	108.31	109.02	109.17
6	110.07	109.64	109.52	109.26	109.31	108.82	108.03	108.35	108.87	108.37	109.09	108.79
7	110.13	109.65	109.38	109.22	109.07	108.56	108.08	108.26	108.59	108.42	109.13	108.61
8	110.04	109.69	109.38	109.24	108.87	108.38	108.12	108.28	108.66	108.44	109.10	108.88
9	110.03	109.62	109.34	109.19	109.08	108.28	108.12	108.38	108.86	108.46	108.85	108.89
10	109.80	109.72	109.31	109.04	109.27	108.45	108.14	108.36	108.90	108.69	108.81	109.05
11	109.80	109.67	109.27	109.07	109.27	108.47	108.15	108.36	108.94	108.74	108.95	109.12
12	109.73	109.69	109.21	109.12	109.19	108.44	108.08	108.48	108.97	108.65	109.04	109.11
13	109.68	109.76	109.34	109.20	109.18	108.45	108.16	108.38	108.95	108.68	109.12	109.03
14	109.70	109.86	109.35	109.22	109.13	108.38	108.21	108.48	108.72	108.54	109.15	109.07
15	109.78	109.58	109.38	109.19	109.03	108.33	108.09	108.57	108.60	108.68	109.08	109.12
16	109.73	109.46	109.37	109.13	109.02	108.41	108.10	108.57	108.74	108.79	108.90	109.12
17	109.66	109.40	109.42	109.15	109.01	108.49	108.29	108.36	108.62	108.88	108.89	109.11
18	109.70	109.38	109.31	108.99	109.05	108.41	108.10	108.38	108.82	108.91	109.10	109.09
19	109.73	109.46	109.30	108.91	109.11	108.32	108.05	108.57	108.79	108.91	109.14	109.09
20	109.81	109.41	109.27	109.05	109.12	108.34	108.19	108.61	108.78	108.95	109.20	109.11
21	109.80	109.42	109.33	109.06	108.99	108.27	108.23	108.69	108.79	108.99	109.25	109.16
22	109.86	109.42	109.40	108.88	108.86	108.23	108.22	108.72	108.79	108.96	109.26	109.18
23	109.85	109.41	109.29	109.06	108.91	108.25	108.18	108.72	108.61	108.97	109.23	109.20
24	109.71	109.48	109.18	109.03	109.05	108.36	108.18	108.60	108.74	108.92	109.27	109.18
25	109.56	109.45	109.17	108.92	109.00	108.39	108.39	108.60	108.69	108.69	109.30	109.21
26	109.49	109.42	109.21	108.91	109.05	108.31	108.30	108.72	108.47	108.87	109.32	109.27
27	109.55	109.33	109.26	108.96	108.94	108.26	108.33	108.78	108.55	108.92	109.31	109.29
28	109.64	109.30	109.28	109.03	108.72	108.22	108.47	108.79	108.71	108.93	109.31	109.42
29	109.66	109.27	109.30	108.99	---	108.22	108.55	108.80	108.54	108.96	109.31	109.86
30	109.64	109.24	109.21	108.94	---	108.18	108.47	108.80	108.49	109.01	109.17	109.52
31	109.71	---	109.26	108.93	---	108.17	---	108.82	---	109.03	109.21	---
MEAN	110	110	109	109	109	108	108	109	109	109	109	109
MAX	110.13	109.86	109.52	109.26	109.36	108.87	108.55	108.82	109.08	109.03	109.32	109.86
MIN	109.49	109.24	109.17	108.88	108.72	108.17	107.97	108.26	108.47	108.31	108.78	108.61

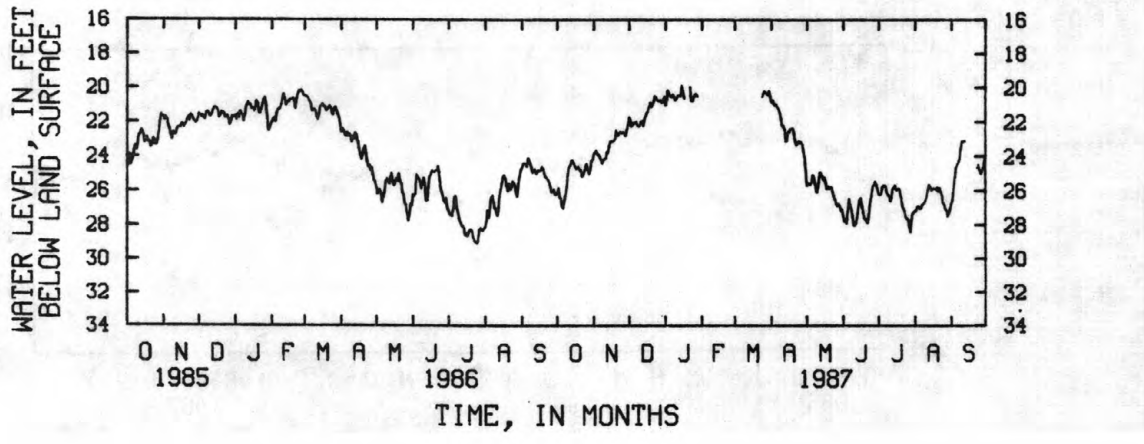
CAL YR 1986 MEAN 109 HIGH 107.72 LOW 110.13
WTR YR 1987 MEAN 109 HIGH 107.97 LOW 110.13



321005080442705. Local number, BFT-101.
LOCATION.--Lat 32°10'05'', Long 80°44'27'', Hydrologic Unit 03050208, 300 ft west of U.S. Hwy 278, Approx. 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.
EXTREME OUTSIDE PERIOD OF RECORD.--Highest mean water level 12.29 ft below land-surface datum Jul. 5, 1961.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 19.22 ft below land-surface datum, Feb. 22, 1984; lowest, 29.11 ft below land-surface datum, Jul. 25, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.13	23.89	21.75	21.05	---	---	20.87	25.73	27.45	26.22	27.21	26.79
2	25.88	23.79	21.90	20.72	---	---	20.77	25.64	27.78	26.24	27.19	26.54
3	26.41	23.68	22.26	20.16	---	---	20.93	25.63	27.74	26.22	26.97	25.80
4	26.45	23.89	22.19	20.37	---	---	21.06	25.66	27.93	25.87	26.93	25.22
5	26.99	23.93	22.09	20.50	---	---	21.01	25.52	27.26	25.72	27.06	24.69
6	27.05	24.04	22.09	20.59	---	---	21.15	25.12	26.51	25.80	27.08	24.51
7	26.60	24.17	22.03	20.41	---	---	21.25	25.24	26.85	25.74	26.86	24.36
8	26.32	24.42	22.23	20.51	---	---	21.51	25.69	27.12	26.13	26.80	24.18
9	25.81	24.24	22.27	20.71	---	---	21.82	26.07	27.48	26.28	26.69	23.56
10	25.08	24.19	22.25	20.71	---	---	22.25	26.10	28.05	26.34	26.59	23.15
11	24.66	24.13	22.03	20.58	---	---	22.24	25.53	28.04	26.63	26.40	23.17
12	24.56	23.77	21.98	20.47	---	---	22.42	25.00	27.90	26.45	26.00	23.13
13	24.27	23.81	22.24	20.50	---	---	23.15	24.99	27.58	25.91	25.69	---
14	24.27	23.47	21.89	20.51	---	---	23.09	25.17	26.88	25.84	25.76	---
15	24.42	23.15	21.69	19.90	---	---	22.56	25.38	26.56	25.72	25.99	---
16	24.59	23.16	21.51	20.27	---	---	22.60	25.27	26.45	25.97	25.95	---
17	24.74	23.16	21.41	20.61	---	---	22.44	25.57	26.97	25.98	25.89	---
18	24.69	23.11	21.10	---	---	---	22.44	25.91	27.29	25.91	25.90	---
19	24.62	23.02	20.90	---	---	---	22.38	25.79	27.66	25.94	25.99	---
20	24.86	22.53	21.14	---	---	---	22.76	25.91	27.68	26.43	25.81	---
21	24.80	22.81	21.02	---	---	---	23.16	25.85	27.86	26.86	26.07	---
22	25.18	22.75	20.81	20.01	---	---	23.35	25.83	27.92	27.06	25.89	24.69
23	25.12	22.64	20.52	20.80	---	---	23.24	26.13	27.36	27.24	26.08	24.69
24	24.88	22.61	20.59	20.81	---	20.55	23.16	26.32	26.64	27.55	26.31	24.53
25	24.53	22.68	20.73	20.54	---	20.37	23.24	26.53	26.33	27.65	26.71	24.85
26	24.46	22.61	20.78	20.42	---	20.21	23.20	26.80	25.77	27.68	26.86	25.03
27	24.80	22.69	20.81	20.37	---	20.29	23.34	26.92	25.73	28.10	27.12	24.90
28	25.05	22.82	20.74	20.51	---	20.40	23.72	26.80	25.49	28.46	27.16	24.70
29	24.85	22.49	20.90	---	---	20.45	24.07	26.90	25.65	27.70	27.53	24.33
30	24.31	22.19	20.76	---	---	20.20	24.90	27.19	25.87	27.36	27.31	24.06
31	24.19	---	20.54	---	---	20.53	---	27.11	---	27.30	27.10	---
MEAN	25.2	23.3	21.5	---	---	---	22.5	25.9	27.1	26.6	26.5	---
MAX	27.05	24.42	22.27	---	---	---	24.90	27.19	28.05	28.46	27.53	---
MIN	24.19	22.19	20.52	---	---	---	20.77	24.99	25.49	25.72	25.69	---



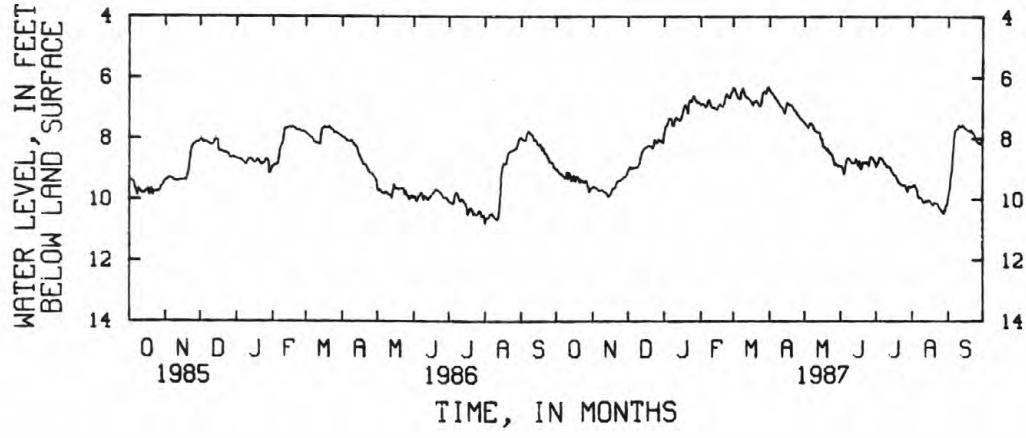
BEAUFORT COUNTY

322745080435800. Local number, BFT-121.
LOCATION.--Lat 32°27'45'', long 80°43'58'', Hydrologic Unit 03050208, Military reservation, 100 ft east of U.S. 21, 100 ft north of locked entrance and 2,000 ft north of main entrance to the U.S. Marine Corps Air Station, 4.0 mi northwest of Beaufort on U.S. Hwy. 21.
Owner: U.S. Marine Corp.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 10 in, depth 105 ft, cased to 85 ft, open hole from 85 to 105 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.03	9.62	9.08	7.84	6.90	6.33	6.41	7.49	8.93	8.95	9.61	9.92
2	9.07	9.60	9.00	7.63	6.88	6.36	6.47	7.54	8.94	8.89	9.58	9.71
3	9.13	9.63	8.95	7.59	6.85	6.49	6.50	7.60	9.05	8.80	9.55	9.32
4	9.17	9.65	9.01	7.52	6.92	6.57	6.56	7.67	9.19	8.65	9.62	9.06
5	9.18	9.69	8.97	7.35	6.98	6.66	6.61	7.57	8.98	8.64	9.72	8.52
6	9.24	9.74	9.00	7.36	6.95	6.71	6.68	7.50	8.72	8.69	9.91	7.99
7	9.25	9.74	8.98	7.37	6.78	6.70	6.73	7.53	8.66	8.73	9.99	7.75
8	9.34	9.72	8.97	7.56	6.73	6.47	6.81	7.57	8.66	8.83	9.98	7.69
9	9.30	9.72	8.97	7.60	6.87	6.35	6.86	7.70	8.73	8.87	9.99	7.71
10	9.13	9.75	8.91	7.42	6.96	6.45	6.93	7.75	8.80	8.93	10.09	7.58
11	9.34	9.79	8.82	7.32	7.00	6.60	6.97	7.78	8.82	8.97	10.14	7.66
12	9.16	9.80	8.62	7.36	6.99	6.64	7.02	7.82	8.84	8.94	10.13	7.62
13	9.26	9.84	8.47	7.39	7.03	6.66	7.13	7.82	8.82	8.97	10.06	7.56
14	9.41	9.93	8.41	7.41	7.04	6.70	7.19	7.82	8.70	9.06	10.11	7.61
15	9.33	9.90	8.34	7.41	7.06	6.74	7.00	8.04	8.78	9.13	10.06	7.67
16	9.24	9.86	8.32	7.27	6.95	6.78	6.83	8.04	8.92	9.20	10.06	7.69
17	9.42	9.76	8.32	7.10	6.87	6.87	6.87	8.28	8.77	9.22	10.13	7.73
18	9.31	9.66	8.26	6.95	6.90	6.91	6.90	8.28	9.03	9.26	10.19	7.76
19	9.28	9.66	8.26	6.90	6.93	6.80	6.90	8.33	8.99	9.34	10.21	7.78
20	9.36	9.62	8.26	7.00	6.97	6.76	6.93	8.40	8.82	9.43	10.14	7.73
21	9.46	9.49	8.28	7.17	6.85	6.78	6.99	8.35	8.81	9.50	10.13	7.79
22	9.39	9.43	8.34	6.81	6.63	6.85	7.06	8.49	8.82	9.51	10.15	7.85
23	9.40	9.41	8.26	6.75	6.54	6.92	7.10	8.48	8.79	9.55	10.16	7.88
24	9.47	9.38	8.06	6.80	6.60	6.94	7.15	8.55	8.86	9.56	10.27	8.00
25	9.50	9.40	8.14	6.70	6.65	6.85	7.22	8.57	8.92	9.58	10.32	8.10
26	9.41	9.33	8.15	6.61	6.67	6.55	7.27	8.75	8.69	9.56	10.40	8.14
27	9.45	9.30	8.06	6.70	6.54	6.47	7.35	8.89	8.62	9.68	10.42	8.16
28	9.62	9.28	8.08	6.77	6.46	6.47	7.36	8.86	8.65	9.78	10.50	8.20
29	9.78	9.27	8.11	6.84	---	6.52	7.42	8.88	8.72	9.60	10.41	8.10
30	9.69	9.18	8.10	6.80	---	6.37	7.44	8.94	8.79	9.61	10.24	8.03
31	9.64	---	8.16	6.84	---	6.31	---	8.91	---	9.62	10.17	---
MEAN	9.35	9.60	8.51	7.17	6.84	6.63	6.96	8.14	8.83	9.20	10.1	8.08
MAX	9.78	9.93	9.08	7.84	7.06	6.94	7.44	8.94	9.19	9.78	10.50	9.92
MIN	9.03	9.18	8.06	6.61	6.46	6.31	6.41	7.49	8.62	8.64	9.55	7.56

CAL YR 1986 MEAN 9.04 HIGH 7.62 LOW 10.81
WTR YR 1987 MEAN 8.29 HIGH 6.31 LOW 10.50

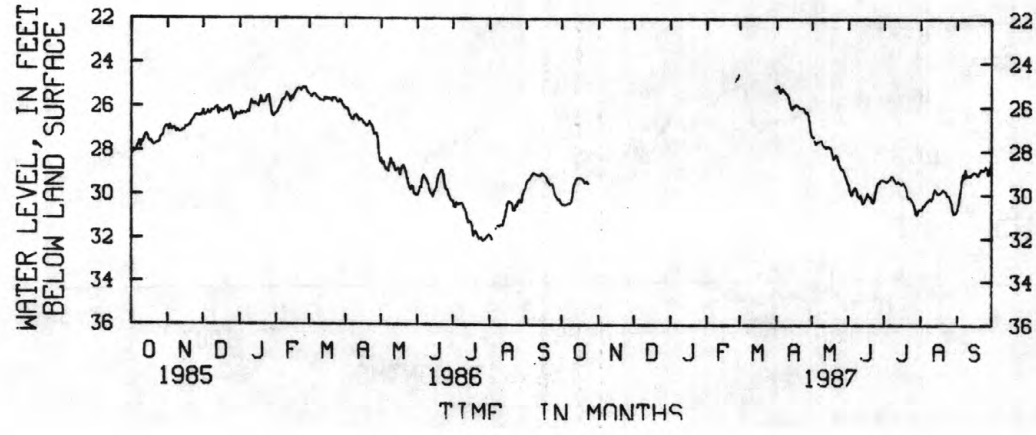


BEAUFORT COUNTY

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 December 1958 to Sept. 1983 are unpublished but are available in District files.
EXTREMES OUTSIDE PERIOD OF RECORD.--Highest mean water level 14.35 ft below land-surface datum, March 10, 1959.
EXTREMES 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, Jul. 26, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.45	---	---	---	---	---	25.14	27.36	29.53	29.35	30.69	30.69
2	30.48	---	---	---	---	---	25.03	27.34	29.82	29.37	30.67	30.44
3	30.47	---	---	---	---	---	25.05	27.52	29.99	29.43	30.51	30.09
4	30.49	---	---	---	---	---	25.35	27.68	30.02	29.38	30.53	29.75
5	30.47	---	---	---	---	---	25.26	27.60	29.82	29.34	30.40	29.32
6	30.42	---	---	---	---	---	25.17	27.58	29.68	29.29	30.33	29.07
7	30.41	---	---	---	---	---	25.27	27.58	29.69	29.16	30.29	29.20
8	30.42	---	---	---	---	---	25.31	27.53	29.86	29.14	30.20	28.85
9	30.30	---	---	---	---	---	25.41	27.50	30.05	29.26	30.18	29.16
10	30.08	---	---	---	---	---	25.42	27.73	30.14	29.34	30.25	29.15
11	29.63	---	---	---	---	---	25.55	27.78	30.03	29.47	30.14	29.12
12	29.47	---	---	---	---	---	25.82	27.79	30.17	29.46	29.90	29.16
13	29.33	---	---	---	---	---	26.03	27.87	30.39	29.41	29.76	29.08
14	29.26	---	---	---	---	---	26.10	27.80	30.35	29.45	29.82	29.03
15	29.26	---	---	---	---	---	25.97	27.80	30.21	29.52	29.93	28.97
16	29.25	---	---	---	---	---	25.99	27.87	30.13	29.53	29.96	29.00
17	29.26	---	---	---	---	---	25.90	27.86	29.95	29.46	29.93	29.02
18	29.30	---	---	---	---	---	25.90	28.10	30.06	29.50	29.89	29.12
19	29.34	---	---	---	---	---	25.95	28.38	30.12	29.63	29.81	29.13
20	29.47	---	---	---	---	---	26.01	28.30	30.12	29.80	29.76	28.97
21	29.42	---	---	---	---	---	26.03	28.19	30.30	30.11	29.82	28.83
22	29.42	---	---	---	---	---	26.04	28.23	30.36	30.16	29.84	28.86
23	29.50	---	---	---	---	---	26.06	28.42	30.15	30.13	30.02	28.88
24	---	---	---	---	---	---	26.07	28.61	29.82	30.22	30.05	28.86
25	---	---	---	---	24.84	---	26.21	28.75	29.58	30.33	30.06	28.71
26	---	---	---	---	24.71	---	26.26	28.84	29.44	30.45	30.23	28.79
27	---	---	---	---	24.71	---	26.21	28.83	29.45	30.67	30.39	29.08
28	---	---	---	---	24.53	---	26.41	28.97	29.34	30.87	30.71	29.02
29	---	---	---	---	---	---	26.84	29.14	29.32	30.91	30.87	28.77
30	---	---	---	---	---	---	27.19	29.28	29.32	30.72	30.85	28.60
31	---	---	---	---	---	25.09	---	29.44	---	30.67	30.81	---
MEAN	---	---	---	---	---	---	25.8	28.1	29.9	29.8	30.2	29.2
MAX	---	---	---	---	---	---	27.19	29.44	30.39	30.91	30.87	30.69
MIN	---	---	---	---	---	---	25.03	27.34	29.32	29.14	29.76	28.60



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 (Topo 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 1987

DATE	WATER LEVEL
12/03/86	17.75
01/21/87	16.27
03/23/87	16.13
04/22/87	18.35
06/11/87	20.11

BEAUFORT COUNTY

321558080431302. 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 (Topo 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, Jun. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR 1987

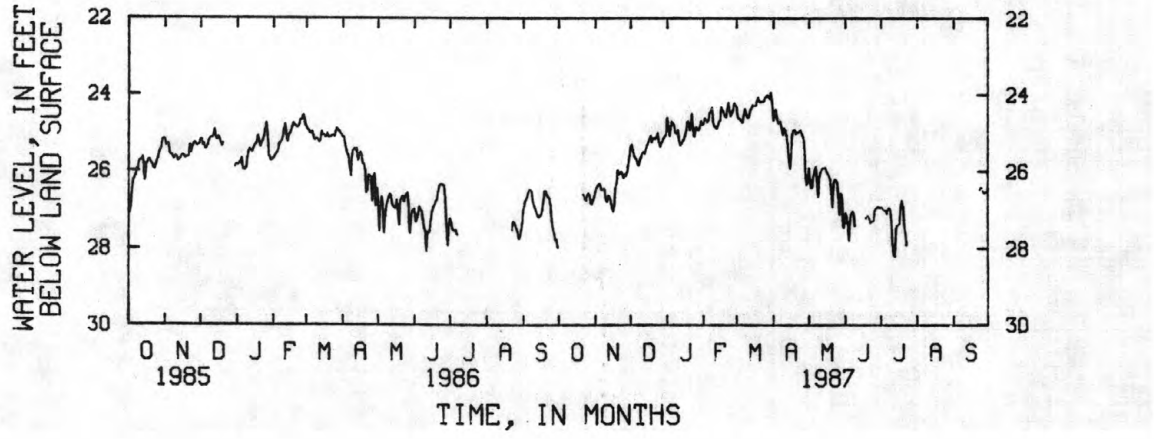
DATE	WATER LEVEL
12/03/86	16.57
01/21/87	14.89
03/23/87	14.99
04/22/87	17.85
06/11/87	19.85

BEAUFORT COUNTY

321551080491003. Local number, BFT-429.
LOCATION.--Lat 32°15'51'', long 80°49'10'', Hydrologic Unit 03050208, 7.7 mi southeast on U.S. Hwy. 278 from intersection with State Hwy. 170, 1.6 mi, northwest on County Road 744, 2 mi southwest of Foot Point Plantation at Victoria Bluff.
Owner: South Carolina Wildlife and Marine Resources Dept.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 300 ft, cased to 100 ft, open hole from 100 to 300 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 22.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.85 ft above land-surface datum.
REMARKS.--Water-quality data available in District files. Electric and Gamma logs available in Distict files.
PERIOD OF RECORD.--August 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 21.71 ft below land surface datum, Sept. 10, 1971; lowest, 28.21 ft below land-surface datum, Jul. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	26.52	25.38	24.59	24.77	24.32	24.68	25.92	27.08	26.94	---	---
2	---	26.43	25.31	24.94	24.61	24.61	24.47	26.25	27.15	26.95	---	---
3	---	26.39	25.47	25.08	24.65	24.63	24.40	26.44	27.38	27.00	---	---
4	---	26.33	25.61	24.84	24.72	24.63	24.61	26.42	27.82	27.00	---	---
5	---	26.34	25.67	24.71	24.68	24.70	24.75	26.12	27.27	27.03	---	---
6	---	26.48	25.70	24.77	24.49	24.74	24.72	25.95	27.10	27.10	---	---
7	---	26.48	25.84	24.83	24.44	24.54	24.72	25.88	27.06	27.01	---	---
8	---	26.46	25.85	25.00	24.33	24.37	24.90	26.28	27.07	26.96	---	---
9	---	26.51	25.69	25.02	24.73	24.46	25.05	26.67	27.41	26.98	---	---
10	---	26.77	25.63	24.94	24.84	24.60	24.89	26.15	---	27.31	---	---
11	---	26.79	25.52	25.22	24.84	24.61	24.93	26.03	---	27.90	---	---
12	---	26.65	25.51	25.34	24.89	24.46	25.08	25.96	---	28.17	---	---
13	---	26.68	25.55	25.29	24.83	24.38	25.30	25.93	---	28.21	---	---
14	---	26.75	25.41	25.22	24.71	24.31	25.64	25.92	---	27.50	---	---
15	---	26.95	25.32	25.18	24.67	24.27	25.94	25.90	---	27.41	---	---
16	---	27.05	25.24	25.09	24.32	24.28	25.61	26.01	---	27.40	---	---
17	---	26.89	25.16	24.94	24.40	24.28	25.03	26.07	---	27.37	---	---
18	---	26.45	25.08	24.71	24.45	24.17	24.94	26.12	27.21	26.91	---	---
19	---	26.32	25.25	24.71	24.57	24.07	24.92	26.21	27.20	26.76	---	---
20	---	25.98	25.17	24.93	24.61	24.17	25.03	26.59	27.15	26.93	---	---
21	26.60	26.09	25.15	24.84	24.43	24.20	24.99	26.93	27.21	27.45	---	---
22	26.61	26.06	25.16	24.50	24.22	24.19	25.00	26.32	27.34	27.60	---	---
23	26.74	26.02	25.11	24.94	24.43	24.20	24.97	26.21	27.32	27.92	---	26.49
24	26.77	26.10	25.01	25.11	24.56	24.17	24.93	26.25	27.31	---	---	26.43
25	26.63	26.17	25.24	24.88	24.51	24.07	25.03	26.29	27.30	---	---	26.44
26	26.57	26.09	25.36	24.86	24.40	24.05	25.11	26.72	27.02	---	---	26.54
27	26.63	26.12	25.27	24.92	24.23	24.01	25.24	27.13	26.97	---	---	26.58
28	26.85	26.04	25.22	24.92	24.27	24.06	26.00	26.59	26.94	---	---	26.55
29	26.85	25.86	25.15	24.82	---	24.11	26.36	26.60	26.92	---	---	26.55
30	26.75	25.60	25.09	24.69	---	23.95	26.32	27.45	26.95	---	---	26.45
31	26.67	---	25.07	24.79	---	24.24	---	27.46	---	---	---	---
MEAN	---	26.4	25.4	24.9	24.6	24.3	25.1	26.3	---	---	---	---
MAX	---	27.05	25.85	25.34	24.89	24.74	26.36	27.46	---	---	---	---
MIN	---	25.60	25.01	24.50	24.22	23.95	24.40	25.88	---	---	---	---



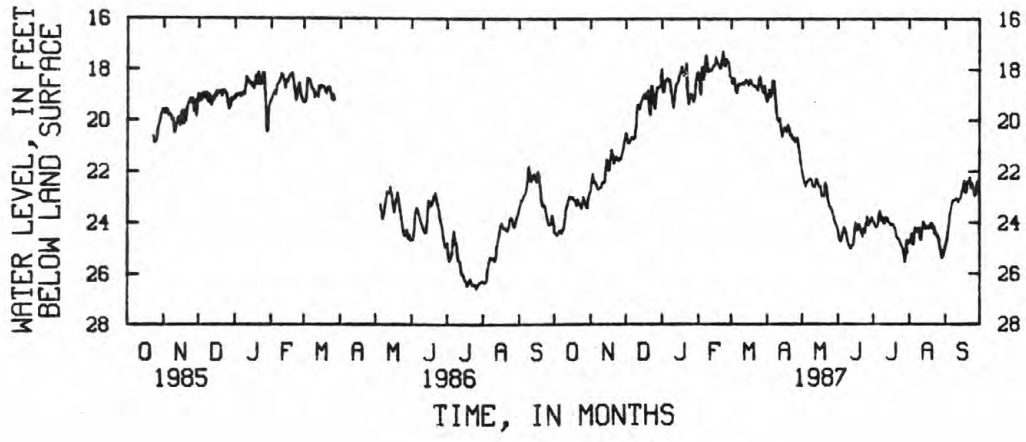
BEAUFORT COUNTY

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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.41	22.75	20.51	17.97	18.10	18.32	19.26	22.03	24.34	23.97	24.79	24.93
2	24.41	22.32	20.54	18.88	18.43	18.57	19.10	22.24	24.62	24.06	24.74	24.74
3	24.51	22.11	20.89	18.88	18.97	18.35	18.82	22.44	24.77	24.19	24.46	24.37
4	24.50	22.44	20.90	18.47	17.90	18.38	19.05	22.59	24.67	24.19	24.87	24.09
5	24.37	22.41	20.80	18.41	18.39	18.84	18.86	22.48	24.41	24.12	24.58	23.64
6	24.30	22.54	20.69	18.36	18.25	18.93	18.43	22.39	24.21	23.68	24.22	23.44
7	24.42	22.69	20.67	18.47	17.45	18.64	18.47	22.33	24.26	23.56	24.35	23.21
8	24.35	22.70	20.75	18.41	17.45	18.56	19.19	22.29	24.45	23.90	24.33	23.12
9	24.20	22.61	20.67	18.89	18.09	18.60	19.76	22.34	24.71	23.81	24.23	23.12
10	23.89	22.64	20.24	19.18	17.99	18.57	19.98	22.54	24.91	24.04	24.59	23.05
11	23.44	22.45	19.41	19.51	18.02	18.51	20.05	22.60	24.96	24.04	24.68	23.09
12	23.34	22.45	19.42	19.06	18.03	18.60	19.93	22.62	25.03	23.83	24.25	23.19
13	23.09	22.45	19.56	18.58	17.95	18.51	20.40	22.31	24.93	23.82	23.98	23.09
14	22.99	21.89	19.32	18.57	17.83	18.41	20.63	22.33	24.91	23.99	24.10	23.03
15	23.07	21.53	19.19	18.48	17.83	18.47	20.39	22.55	24.51	24.02	24.23	22.79
16	23.04	21.95	19.10	18.25	17.52	18.62	20.30	22.62	24.00	24.12	24.18	22.64
17	23.01	21.95	18.97	18.14	17.72	18.43	20.32	22.61	24.25	24.08	24.17	22.36
18	23.14	21.42	19.15	17.88	17.82	18.42	20.45	22.98	24.32	24.07	24.23	22.83
19	23.12	21.17	18.94	18.12	17.93	18.58	20.19	22.94	24.09	24.20	24.14	22.82
20	23.34	21.35	18.83	18.27	17.97	18.61	20.34	22.97	24.18	24.29	24.03	22.42
21	23.10	21.68	19.39	18.15	17.64	18.67	20.61	22.45	24.42	24.59	24.21	22.42
22	23.22	21.51	19.79	17.76	17.27	18.65	20.56	22.60	24.57	24.65	24.18	22.23
23	23.31	21.43	18.66	19.03	17.82	18.77	20.75	23.07	24.26	24.65	24.43	22.65
24	23.46	21.55	18.66	19.36	17.87	18.83	20.69	23.26	24.40	24.82	24.46	22.47
25	23.24	21.59	19.39	19.04	17.59	18.42	20.85	23.39	24.03	24.90	24.52	22.72
26	23.02	21.47	19.54	18.98	17.67	18.28	20.73	23.48	23.80	25.02	24.66	22.96
27	23.20	21.51	19.03	19.02	17.73	18.64	20.69	23.57	24.10	25.24	24.96	22.85
28	23.36	21.33	18.71	19.25	18.27	18.84	21.03	23.78	24.02	25.56	25.12	22.40
29	23.42	21.12	18.72	19.07	---	18.91	21.29	23.96	23.89	25.16	25.39	22.43
30	23.07	20.79	18.69	18.44	---	18.65	21.70	24.10	23.81	24.71	25.28	22.29
31	22.86	---	18.65	18.15	---	19.10	---	24.16	---	24.82	25.10	---
MEAN	23.6	21.9	19.6	18.6	17.9	18.6	20.1	22.8	24.4	24.3	24.5	23.0
MAX	24.51	22.75	20.90	19.51	18.97	19.10	21.70	24.16	25.03	25.56	25.39	24.93
MIN	22.86	20.79	18.65	17.76	17.27	18.28	18.43	22.03	23.80	23.56	23.98	22.23

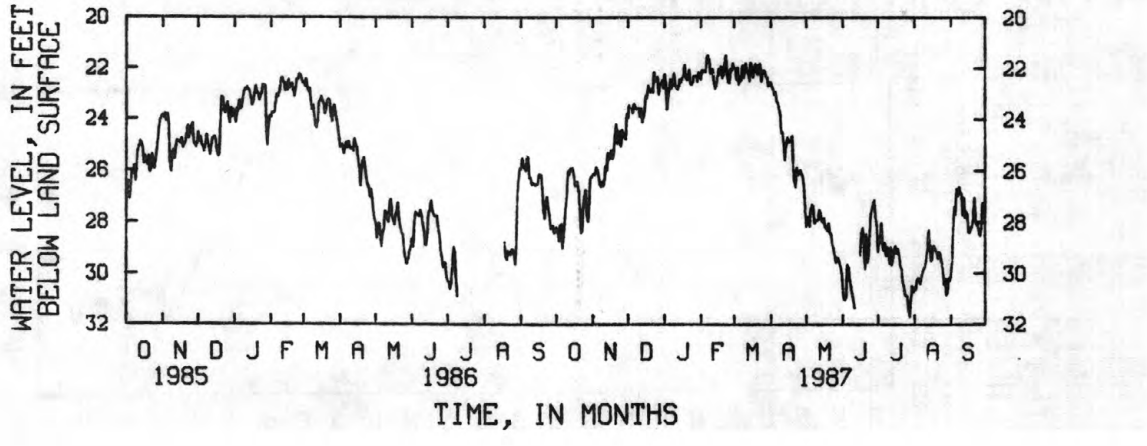
CAL YR 1986 MEAN 22.1 HIGH 18.14 LOW 26.61
WTR YR 1987 MEAN 21.6 HIGH 17.27 LOW 25.56



321125080423000. Local number, BFT-444.
LOCATION.--Lat 32°11'25'', long 80°42'30'', Hydrologic Unit 03050208, 0.1 mi from US HWY 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, 31.72 ft below land-surface datum, Jul. 28, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.22	26.16	23.94	22.24	22.44	21.98	22.57	28.19	30.59	29.17	30.57	30.14
2	28.40	26.13	23.47	22.59	22.08	22.04	22.73	27.97	31.03	28.76	30.65	29.56
3	28.74	26.17	---	23.63	22.15	22.46	22.82	27.81	31.06	28.82	30.29	28.26
4	28.17	25.88	23.60	23.11	22.08	21.98	23.04	28.17	30.96	28.05	30.18	27.41
5	28.09	26.02	23.77	22.85	22.14	22.64	22.95	27.49	29.68	28.77	30.28	27.70
6	29.05	26.21	23.42	22.43	21.55	22.38	23.30	27.33	29.81	29.12	30.41	26.71
7	28.56	26.54	23.54	22.78	21.49	22.47	23.36	27.42	30.29	28.84	30.13	26.97
8	28.07	26.63	23.62	22.65	21.68	21.90	23.64	28.06	30.53	29.32	29.94	26.64
9	27.36	26.46	23.61	22.18	22.20	22.36	23.85	27.95	30.81	29.00	29.82	26.89
10	26.95	26.59	23.58	22.70	22.12	22.15	24.55	27.95	31.08	29.08	29.76	26.89
11	26.03	26.34	23.91	22.75	22.03	21.81	24.53	27.93	31.37	29.64	29.52	27.73
12	26.16	25.84	23.60	22.81	22.60	22.14	24.98	27.54	---	28.99	29.15	27.06
13	25.93	25.99	24.12	22.70	22.80	22.23	25.60	27.64	---	29.68	28.32	27.82
14	25.91	25.32	23.90	22.44	22.71	22.52	24.97	27.98	---	29.38	28.90	27.60
15	25.89	25.56	23.68	22.55	22.33	21.78	24.73	28.02	---	29.07	29.51	27.74
16	26.29	25.51	23.09	22.41	22.03	21.94	24.89	27.87	29.30	28.95	29.47	28.39
17	26.61	25.22	23.17	22.30	22.25	22.35	24.87	28.20	28.44	29.22	28.94	28.42
18	26.53	25.54	22.68	21.88	21.92	22.01	24.82	28.28	28.23	29.07	28.94	28.25
19	26.44	25.25	22.88	22.36	22.39	21.84	24.67	28.36	28.77	29.27	29.10	28.19
20	26.82	24.64	22.95	22.47	22.26	22.12	26.03	28.07	29.85	29.76	29.19	27.94
21	27.49	24.22	22.81	22.43	21.81	22.25	26.46	28.43	28.48	29.85	29.42	27.04
22	28.43	24.94	22.93	22.06	21.50	21.88	26.67	28.51	29.59	30.37	29.18	27.88
23	28.35	24.48	22.17	22.62	22.27	21.84	25.89	28.91	29.44	30.51	29.28	28.13
24	27.29	24.63	22.45	22.64	22.54	22.53	26.18	29.03	28.55	30.86	29.54	28.10
25	27.01	25.07	22.52	22.54	22.58	22.22	26.06	29.32	27.68	30.89	29.83	28.46
26	26.78	24.43	22.36	22.32	22.03	22.10	26.00	29.60	27.43	30.93	30.45	28.54
27	27.73	24.68	23.04	22.31	22.08	22.12	26.15	29.42	27.26	31.50	30.23	28.22
28	27.98	24.60	22.63	22.29	21.81	22.32	26.23	29.42	27.15	31.72	30.87	27.26
29	27.24	24.78	22.61	22.54	---	22.38	26.56	29.59	27.81	31.06	30.79	27.38
30	26.28	23.78	22.49	22.16	---	22.71	27.34	29.73	28.14	30.49	30.20	27.33
31	26.25	---	22.77	22.26	---	22.64	---	29.99	---	30.73	30.28	---
MEAN	27.3	25.5	---	22.5	22.1	22.2	24.9	28.4	---	29.7	29.8	27.8
MAX	29.05	26.63	---	23.63	22.80	22.71	27.34	29.99	---	31.72	30.87	30.14
MIN	25.89	23.78	---	21.88	21.49	21.78	22.57	27.33	---	28.05	28.32	26.64

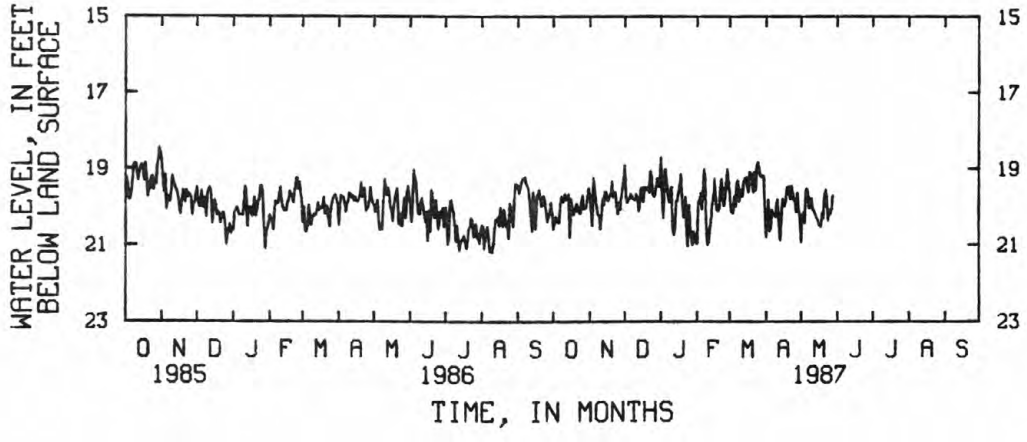


BEAUFORT COUNTY

322340080455500. Local number, BFT-453.
LOCATION.--Lat 32°23'40'', long 80°45'55'', Hydrologic Unit 03050208, 0.75 mi northeast of Edward Burton Rogers Bridge over Broad River at the intersection of State Hwy. 170, 281, and 20 on Parris Island.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 104 ft, cased to 63 ft, open hole from 63 to 104 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.5 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files. Water-quality data available in District files. Water level affected by stage of Broad River.
PERIOD OF RECORD.--December 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 16.84 ft below land-surface datum, Nov. 14, 1981; lowest, 21.43 ft below land-surface datum, Jan. 23, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.61	19.75	18.92	18.71	20.97	19.58	20.82	20.95	---	---	---	---
2	20.41	20.09	19.75	19.83	19.89	20.15	20.20	20.24	---	---	---	---
3	20.28	20.51	19.91	20.32	19.84	20.17	19.83	20.17	---	---	---	---
4	20.41	19.24	19.85	19.39	19.65	20.18	20.66	20.44	---	---	---	---
5	20.34	19.50	19.80	19.04	20.07	19.74	20.58	19.61	---	---	---	---
6	20.43	19.80	19.68	19.44	19.52	20.00	20.10	19.52	---	---	---	---
7	19.93	20.05	19.74	19.67	19.02	19.41	20.19	19.62	---	---	---	---
8	19.74	20.23	19.82	19.90	19.30	19.33	20.21	20.06	---	---	---	---
9	19.89	20.23	19.82	19.66	20.74	19.86	20.27	19.98	---	---	---	---
10	19.85	20.61	19.84	19.51	21.03	19.72	19.91	19.79	---	---	---	---
11	19.67	20.23	19.69	20.61	20.96	19.58	19.82	20.07	---	---	---	---
12	19.83	19.82	19.78	20.75	20.55	19.73	20.53	20.13	---	---	---	---
13	19.77	19.96	20.14	20.59	20.33	19.35	20.90	20.19	---	---	---	---
14	19.69	19.63	19.84	19.87	19.94	19.29	20.36	20.29	---	---	---	---
15	20.84	19.63	19.55	19.85	19.68	19.25	19.80	20.36	---	---	---	---
16	19.81	19.84	19.51	19.66	19.29	19.45	19.86	20.47	---	---	---	---
17	20.09	19.85	19.88	19.44	19.84	19.62	19.99	20.50	---	---	---	---
18	20.22	19.72	19.51	19.17	20.10	19.11	19.86	20.54	---	---	---	---
19	20.06	19.68	19.56	19.72	20.13	19.14	19.52	20.19	---	---	---	---
20	20.13	19.34	19.54	20.30	20.06	19.19	19.50	20.32	---	---	---	---
21	19.94	19.76	19.50	20.11	19.50	19.64	19.67	19.67	---	---	---	---
22	20.03	19.65	19.64	19.76	19.30	19.12	19.81	19.57	---	---	---	---
23	20.15	19.64	19.08	20.79	19.83	19.59	19.48	19.76	---	---	---	---
24	20.19	19.99	19.22	21.06	19.98	18.93	19.67	20.38	---	---	---	---
25	19.82	20.20	19.67	19.96	19.72	18.85	19.82	20.10	---	---	---	---
26	19.72	19.91	19.75	20.59	19.39	18.97	19.87	20.19	---	---	---	---
27	20.08	20.08	19.70	20.67	19.03	19.20	20.16	20.07	---	---	---	---
28	20.05	19.78	19.47	21.02	19.39	19.23	19.65	19.72	---	---	---	---
29	20.03	19.52	19.28	20.67	---	19.22	19.99	---	---	---	---	---
30	19.76	19.25	19.44	20.80	---	19.22	20.28	---	---	---	---	---
31	19.52	---	19.49	20.95	---	20.21	---	---	---	---	---	---
MEAN	20.0	19.8	19.6	20.1	19.9	19.5	20.0	---	---	---	---	---
MAX	20.84	20.61	20.14	21.06	21.03	20.21	20.90	---	---	---	---	---
MIN	19.52	19.24	18.92	18.71	19.02	18.85	19.48	---	---	---	---	---



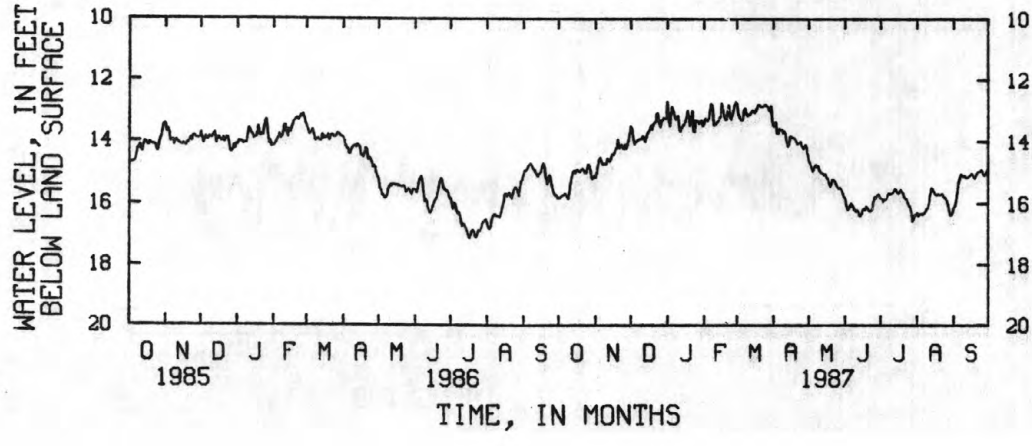
BEAUFORT COUNTY

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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.82	15.17	13.52	12.74	13.42	12.78	13.51	14.66	15.83	15.84	16.32	16.15
2	15.84	15.03	13.60	13.35	13.27	13.12	13.41	14.70	16.08	15.85	16.41	16.07
3	15.79	14.79	13.93	13.51	13.32	13.21	13.39	14.83	16.20	15.94	16.35	15.92
4	15.76	14.60	14.09	13.09	13.32	13.30	13.74	14.95	16.19	15.88	16.36	15.65
5	15.75	14.53	14.04	12.90	13.25	13.31	13.74	14.91	16.11	15.89	16.33	15.34
6	15.70	14.66	13.99	13.06	12.98	13.31	13.61	14.79	16.00	15.87	16.37	15.22
7	15.71	14.75	13.96	13.18	12.78	13.00	13.62	14.77	16.07	15.74	16.34	15.07
8	15.79	14.73	13.95	13.29	12.85	12.93	13.64	14.82	16.11	15.68	16.26	15.09
9	15.86	14.74	13.92	13.24	13.48	13.10	13.72	14.79	16.22	15.70	16.19	15.14
10	15.67	14.75	13.93	13.18	13.44	13.17	13.67	14.94	16.27	15.69	16.15	15.11
11	15.35	14.57	13.85	13.65	13.45	13.15	13.74	15.01	16.23	15.68	15.99	15.17
12	15.17	14.61	13.89	13.68	13.38	13.13	14.00	15.02	16.26	15.64	15.72	15.17
13	15.00	14.66	14.02	13.55	13.34	13.06	14.17	15.04	16.40	15.54	15.52	15.16
14	14.96	14.56	13.85	13.49	13.23	13.00	14.11	15.09	16.42	15.55	15.53	15.13
15	15.02	14.42	13.74	13.46	13.19	13.01	13.84	15.06	16.34	15.64	15.62	15.09
16	14.92	14.44	13.69	13.37	12.76	13.08	13.85	15.18	16.23	15.69	15.70	15.04
17	14.93	14.38	13.60	13.23	13.02	13.01	13.88	15.20	16.18	15.63	15.72	15.09
18	14.98	14.24	13.49	13.01	13.16	12.93	13.89	15.34	16.20	15.57	15.73	15.18
19	14.98	14.23	13.61	13.20	13.29	12.82	13.91	15.46	16.11	15.62	15.71	15.19
20	14.91	13.97	13.45	13.50	13.28	12.82	13.99	15.41	16.14	15.68	15.73	15.08
21	14.88	14.22	13.40	13.35	13.04	12.87	14.08	15.25	16.24	15.80	15.73	15.00
22	14.93	14.17	13.37	13.03	12.83	12.87	14.07	15.25	16.26	15.86	15.70	15.00
23	15.02	14.12	13.12	13.68	13.22	12.88	14.05	15.29	16.25	15.86	15.79	14.98
24	15.03	14.21	13.09	13.70	13.28	12.83	14.01	15.38	16.19	16.00	15.80	14.91
25	14.86	14.25	13.40	13.33	13.16	12.80	14.16	15.45	15.97	16.08	15.83	14.96
26	14.75	14.13	13.53	13.35	12.99	12.84	14.24	15.52	15.80	16.11	15.92	15.07
27	14.79	14.24	13.34	13.36	12.83	12.86	14.21	15.52	15.83	16.27	16.04	15.10
28	15.02	14.13	13.31	13.43	12.72	12.97	14.13	15.52	15.75	16.59	16.23	15.02
29	15.21	13.98	13.25	13.36	---	13.02	14.21	15.59	15.72	16.54	16.38	14.94
30	15.19	13.74	13.27	13.33	---	12.86	14.44	15.70	15.79	16.38	16.37	14.82
31	15.12	---	13.27	13.50	---	13.34	---	15.80	---	16.38	16.29	---
MEAN	15.2	14.4	13.6	13.3	13.2	13.0	13.9	15.2	16.1	15.9	16.0	15.2
MAX	15.86	15.17	14.09	13.70	13.48	13.34	14.44	15.80	16.42	16.59	16.41	16.15
MIN	14.75	13.74	13.09	12.74	12.72	12.78	13.39	14.66	15.72	15.54	15.52	14.82

CAL YR 1986 MEAN 14.8 HIGH 13.09 LOW 17.14
WTR YR 1987 MEAN 14.6 HIGH 12.72 LOW 16.59



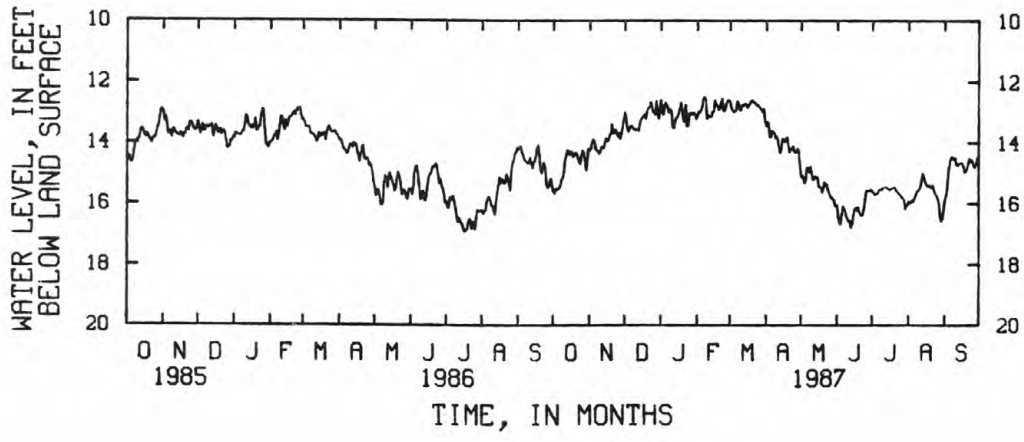
BEAUFORT COUNTY

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 16.95 ft below land-surface datum Jul. 17, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.61	14.26	13.02	12.62	13.13	12.66	13.46	15.14	16.07	15.60	15.95	15.96
2	15.68	14.22	13.12	13.00	13.00	12.90	13.34	15.09	16.49	15.65	16.00	15.77
3	15.55	14.04	13.47	13.10	13.01	12.94	13.38	15.18	16.68	15.73	15.98	15.57
4	15.54	13.91	13.64	12.80	12.94	13.01	13.82	15.34	16.68	15.70	15.91	15.18
5	15.54	13.95	13.56	12.70	12.79	12.97	13.82	15.21	16.38	15.68	15.95	14.80
6	15.50	14.19	13.47	12.80	12.56	12.96	13.63	14.82	16.11	15.66	15.85	14.60
7	15.42	14.28	13.47	12.90	12.50	12.65	13.66	14.85	16.21	15.55	15.75	14.47
8	15.24	14.29	13.53	13.02	12.58	12.68	13.70	14.98	16.27	15.55	15.60	14.49
9	15.16	14.37	13.58	12.94	13.23	12.91	13.86	14.81	16.46	15.54	15.60	14.56
10	14.97	14.32	13.62	12.96	13.12	12.94	13.79	15.01	16.55	15.50	15.55	14.51
11	14.58	14.16	13.57	13.51	13.15	12.80	13.89	15.22	16.63	15.48	15.47	14.72
12	14.38	14.18	13.58	13.53	13.14	12.79	14.18	15.23	16.60	15.47	15.31	14.76
13	14.26	14.20	13.63	13.31	13.14	12.75	14.36	15.13	16.82	15.46	15.02	14.72
14	14.29	14.00	13.35	13.21	13.01	12.72	14.25	15.15	16.69	15.50	15.09	14.68
15	14.40	13.87	13.24	13.18	12.97	12.76	13.88	15.18	16.39	15.53	15.26	14.68
16	14.32	13.96	13.21	13.07	12.61	12.86	13.96	15.46	16.22	15.55	15.36	14.68
17	14.33	13.93	13.15	12.91	12.74	12.78	13.99	15.46	16.16	15.53	15.42	14.79
18	14.48	13.77	13.09	12.71	12.80	12.72	13.89	15.49	16.24	15.50	15.45	14.99
19	14.41	13.72	13.22	12.94	12.92	12.64	13.82	15.65	16.14	15.48	15.42	14.96
20	14.35	13.41	13.01	13.33	12.90	12.61	14.07	15.51	16.29	15.47	15.49	14.87
21	14.36	13.70	12.89	13.10	12.69	12.68	14.32	15.32	16.41	15.56	15.46	14.69
22	14.53	13.65	12.85	12.78	12.56	12.70	14.23	15.39	16.39	15.60	15.41	14.53
23	14.65	13.59	12.68	13.47	12.96	12.72	14.22	15.38	16.40	15.65	15.62	14.62
24	14.70	13.72	12.81	13.46	12.96	12.79	14.13	15.54	16.16	15.70	15.69	14.56
25	14.44	13.81	13.01	13.06	12.84	12.77	14.28	15.65	15.85	15.75	15.77	14.66
26	14.27	13.70	12.99	13.09	12.71	12.83	14.34	15.78	15.59	15.80	15.85	14.81
27	14.33	13.87	13.10	13.04	12.63	12.88	14.33	15.84	15.58	15.85	16.01	14.81
28	14.61	13.72	12.64	13.10	12.62	12.96	14.21	15.84	15.60	15.90	16.43	14.69
29	14.93	13.51	12.96	13.04	---	13.02	14.28	15.90	15.58	16.20	16.59	14.50
30	14.53	13.24	13.22	13.06	---	12.90	14.68	16.07	15.55	16.10	16.52	14.45
31	14.21	---	12.95	13.24	---	13.34	---	16.11	---	16.05	16.29	---
MEAN	14.8	13.9	13.2	13.1	12.9	12.8	14.0	15.4	16.2	15.7	15.7	14.8
MAX	15.68	14.37	13.64	13.53	13.23	13.34	14.68	16.11	16.82	16.20	16.59	15.96
MIN	14.21	13.24	12.64	12.62	12.50	12.61	13.34	14.81	15.55	15.46	15.02	14.45

CAL YR 1986 MEAN 14.5 HIGH 12.64 LOW 16.95
WTR YR 1987 MEAN 14.4 HIGH 12.50 LOW 16.82

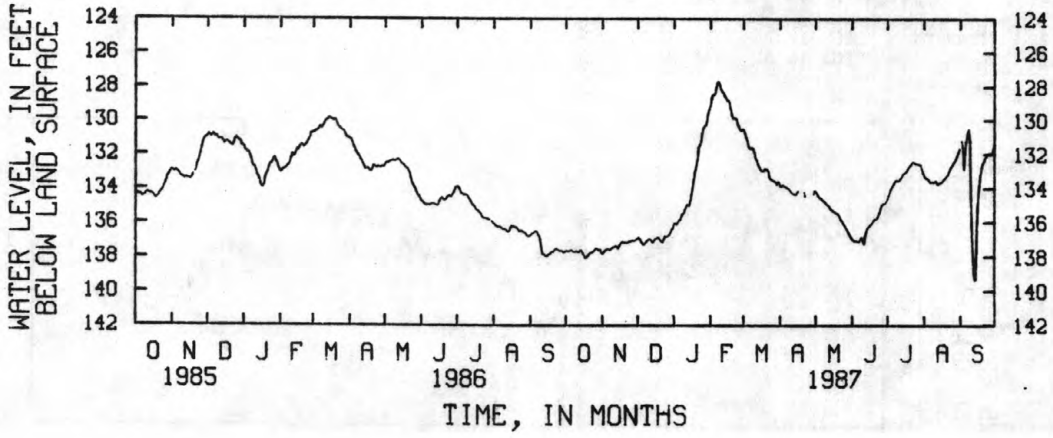


BERKELEY COUNTY

330218080080700. Local number, BRK-91.
LOCATION.--Lat 33°02'18'', long 80°08'07'', Hydrologic Unit 03050201, 0.6 mi northeast of U.S. I-26 on U.S. Hwy. 17A and 0.1 mi south of front entrance of Berkeley-Sangaree Public Service District.
Owner: Berkeley-Sangaree Public Service District.
AQUIFER.--Paleocene-Eocene limestone and sand.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 434 ft, cased to 75 ft, open hole from 75 to 434 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch. Data collection platform installed April, 1987.
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, 127.72 ft below land-surface datum, Feb. 8, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	137.68	137.84	136.94	136.10	129.15	130.55	133.88	134.21	137.00	134.63	133.25	---
2	137.68	137.74	136.91	136.08	128.70	130.76	133.92	134.30	137.07	134.43	133.36	131.25
3	137.70	137.69	137.01	136.13	128.51	131.02	133.83	134.46	137.12	134.25	133.42	131.62
4	137.67	137.62	137.16	136.03	128.47	131.17	133.85	134.57	137.09	134.06	133.46	132.90
5	137.61	137.57	137.27	135.90	128.40	131.52	133.91	134.60	137.11	133.92	133.53	131.69
6	137.66	137.57	137.31	135.89	128.06	131.66	133.95	134.66	137.14	133.78	133.64	131.22
7	137.73	137.63	137.25	135.67	127.77	131.69	133.98	134.74	137.13	133.64	133.65	130.81
8	137.72	137.58	137.16	135.55	127.72	131.65	134.04	134.77	137.02	133.55	133.64	130.55
9	137.71	137.52	137.09	135.48	127.90	131.70	134.10	134.86	136.88	133.55	133.65	131.27
10	137.68	137.48	137.03	135.27	128.14	131.91	134.19	134.92	137.10	133.58	133.64	135.09
11	137.75	137.45	137.01	135.12	128.30	132.21	134.28	134.99	137.27	133.53	133.57	137.12
12	137.75	137.39	137.01	134.99	128.36	132.34	134.34	135.06	136.82	133.44	133.72	138.42
13	137.66	137.42	137.16	135.00	128.55	132.58	134.36	135.18	136.55	133.32	133.77	139.36
14	137.64	137.54	137.17	135.03	128.66	132.74	134.40	135.27	136.34	133.18	133.73	139.32
15	137.77	137.38	137.04	134.73	128.82	132.88	134.28	135.31	136.26	133.14	133.66	136.46
16	137.92	137.30	136.97	134.36	128.81	132.98	134.19	135.37	136.21	133.07	133.63	134.80
17	138.07	137.21	136.94	133.98	128.98	132.99	---	135.42	136.10	133.02	133.56	133.86
18	138.08	137.15	136.89	133.51	129.30	132.98	---	135.45	136.03	132.90	133.46	133.24
19	138.03	137.21	136.94	133.01	129.72	132.86	---	135.50	135.92	132.78	133.38	132.81
20	137.91	137.19	137.03	132.73	129.88	132.93	---	135.56	135.82	132.69	133.29	132.55
21	137.82	137.18	137.12	132.34	129.89	132.90	134.22	135.66	135.84	132.61	133.22	132.41
22	137.78	137.20	137.16	131.63	129.89	133.01	134.46	135.83	135.77	132.50	133.03	132.22
23	137.76	137.17	137.01	131.48	129.94	133.40	---	135.93	135.63	132.46	132.86	132.14
24	137.73	137.13	136.81	131.24	130.24	133.48	---	136.04	135.45	132.52	132.76	132.04
25	137.67	137.12	136.86	130.77	130.39	133.53	---	136.13	135.20	132.55	132.64	131.95
26	137.56	137.08	136.83	130.46	130.56	133.56	---	136.29	135.04	132.56	132.49	131.95
27	137.55	137.07	136.77	130.35	130.60	133.59	---	136.38	134.92	132.59	132.43	131.94
28	137.59	137.09	136.73	130.28	130.59	133.65	---	136.51	134.90	132.60	132.30	131.89
29	137.64	137.06	136.58	130.05	---	133.80	134.37	136.65	134.88	132.63	132.12	131.69
30	137.59	136.99	136.39	129.60	---	133.64	134.16	136.79	134.81	132.84	131.92	131.42
31	137.80	---	136.36	129.36	---	133.66	---	136.91	---	133.12	131.72	---
MEAN	138	137	137	133	129	133	---	135	136	133	133	---
MAX	138.08	137.84	137.31	136.13	130.60	133.80	---	136.91	137.27	134.63	133.77	---
MIN	137.55	136.99	136.36	129.36	127.72	130.55	---	134.21	134.81	132.46	131.72	---



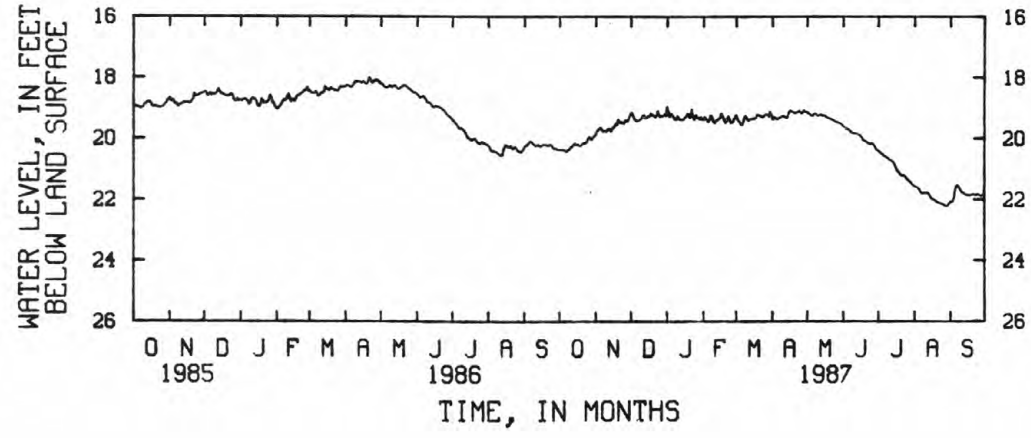
CHARLESTON COUNTY

324741080041400. Local number, CHN-44.
LOCATION.--Lat 32°47'41'', long 80°04'14'', Hydrologic Unit 03050202, USDA Experimental Station, 300 ft northeast of U.S. Hwy. 17 at elevated water tank.
Owner: U.S. Department of Agriculture.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 434 ft. Open hole. 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, 22.25 ft below land-surface datum, Aug. 29, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.39	19.85	19.20	18.97	19.41	19.24	19.38	19.16	19.61	20.43	21.59	22.08
2	20.40	19.78	19.17	19.16	19.31	19.38	19.37	19.17	19.65	20.46	21.60	22.10
3	20.40	19.74	19.27	19.30	19.35	19.45	19.32	19.22	19.69	20.50	21.61	22.08
4	20.40	19.69	19.37	19.23	19.43	19.50	19.37	19.25	19.70	20.51	21.65	21.97
5	20.39	19.66	19.41	19.21	19.48	19.55	19.38	19.28	19.71	20.56	21.68	21.73
6	20.44	19.70	19.44	19.31	19.40	19.57	19.37	19.25	19.74	20.60	21.76	21.60
7	20.46	19.77	19.43	19.33	19.27	19.47	19.35	19.21	19.79	20.61	21.81	21.56
8	20.40	19.77	19.42	19.39	19.26	19.31	19.33	19.20	19.82	20.63	21.82	21.60
9	20.40	19.76	19.39	19.40	19.43	19.28	19.31	19.24	19.84	20.67	21.81	21.67
10	20.33	19.79	19.36	19.29	19.51	19.35	19.29	19.27	19.85	20.69	21.81	21.74
11	20.30	19.71	19.28	19.37	19.49	19.42	19.28	19.25	19.86	20.72	21.81	21.79
12	20.28	19.70	19.23	19.39	19.41	19.41	19.32	19.23	19.86	20.75	21.80	21.81
13	20.21	19.74	19.34	19.40	19.41	19.38	19.34	19.24	19.87	20.77	21.82	21.82
14	20.18	19.78	19.35	19.41	19.35	19.38	19.34	19.27	19.88	20.80	21.88	21.86
15	20.23	19.67	19.31	19.38	19.35	19.37	19.18	19.25	19.92	20.88	21.95	21.88
16	20.21	19.65	19.29	19.34	19.19	19.37	19.11	19.27	19.94	20.97	22.00	21.88
17	20.22	19.59	19.27	19.30	19.26	19.38	19.10	19.30	19.99	21.06	22.01	21.88
18	20.25	19.53	19.20	19.22	19.35	19.34	19.13	19.33	20.07	21.11	22.03	21.87
19	20.26	19.57	19.26	19.21	19.46	19.23	19.16	19.34	20.09	21.15	22.05	21.88
20	20.22	19.40	19.23	19.34	19.50	19.26	19.18	19.36	20.10	21.21	22.09	21.84
21	20.17	19.46	19.28	19.30	19.39	19.25	19.18	19.38	20.12	21.24	22.13	21.85
22	20.17	19.50	19.32	19.06	19.29	19.28	19.17	19.39	20.17	21.23	22.13	21.87
23	20.16	19.49	19.26	19.29	19.39	19.31	19.15	19.41	20.18	21.23	22.13	21.87
24	20.13	19.51	19.11	19.40	19.49	19.31	19.10	19.43	20.20	21.28	22.15	21.84
25	20.05	19.52	19.24	19.27	19.49	19.27	19.15	19.46	20.19	21.33	22.17	21.85
26	19.98	19.43	19.31	19.25	19.48	19.23	19.20	19.48	20.18	21.37	22.19	21.89
27	19.98	19.44	19.28	19.33	19.38	19.22	19.18	19.49	20.22	21.40	22.21	21.90
28	20.04	19.44	19.28	19.37	19.30	19.25	19.10	19.50	20.29	21.44	22.23	21.89
29	20.02	19.38	19.26	19.40	---	19.30	19.13	19.52	20.36	21.48	22.25	21.84
30	19.94	19.28	19.21	19.32	---	19.14	19.13	19.54	20.41	21.53	22.20	21.73
31	19.92	---	19.27	19.38	---	19.22	---	19.57	---	21.57	22.15	---
MEAN	20.2	19.6	19.3	19.3	19.4	19.3	19.2	19.3	20.0	21.0	22.0	21.8
MAX	20.46	19.85	19.44	19.41	19.51	19.57	19.38	19.57	20.41	21.57	22.25	22.10
MIN	19.92	19.28	19.11	18.97	19.19	19.14	19.10	19.16	19.61	20.43	21.59	21.56

CAL YR 1986 MEAN 19.3 HIGH 18.03 LOW 20.59
WTR YR 1987 MEAN 20.0 HIGH 18.97 LOW 22.25

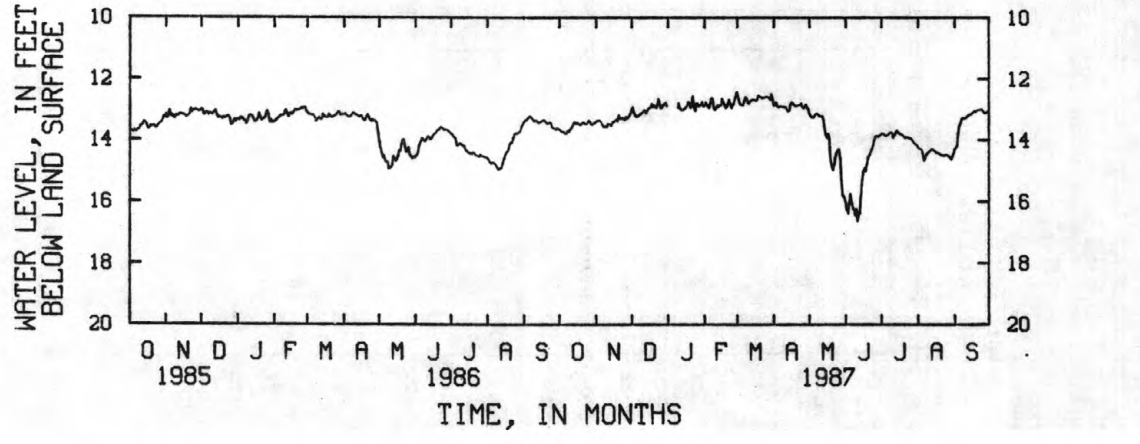


CHARLESTON COUNTY

330247079340300. Local number, CHN-101.
LOCATION.--Lat 33°02'47'', long 79°34'03'', Hydrologic Unit 03050202, Buckhall Campground, 300 ft southeast of State Hwy 913 and U.S. Hwy. 17 junction, 200 ft south of U.S. 17.
Owner: U.S. Forest Service.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in, depth 91 ft, cased to 82 ft. Open hole from 82 to 91 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.
REMARKS.--Water-quality data available in District files. Gamma logged Feb. 15, 1980 to 91 ft. Gamma logged Dec. 18, 1979 to 90 ft.
PERIOD OF RECORD.--January 1982 to current year.
EXTREMES FOR PERIOD FOR RECORD.--Highest mean water level 12.34 ft below land-surface datum, Mar. 18, 1983; lowest, 18.97 ft below land-surface datum, Jun. 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.67	13.41	13.00	---	12.91	12.45	12.88	13.14	16.06	13.83	14.25	14.31
2	13.72	13.38	12.94	---	12.78	12.69	12.85	13.22	16.28	13.80	14.29	14.26
3	13.75	13.39	13.12	---	12.85	12.80	12.79	13.27	16.40	13.82	14.30	14.19
4	13.75	13.38	13.21	---	12.93	12.86	12.89	13.27	16.07	13.86	14.33	13.78
5	13.77	13.41	13.25	---	12.96	12.87	12.94	13.27	15.77	13.88	14.45	13.54
6	13.81	13.51	13.25	---	12.80	12.88	12.93	13.18	16.07	13.86	14.69	13.46
7	13.81	13.58	13.21	---	12.64	12.72	12.91	13.16	16.24	13.85	14.62	13.33
8	13.72	13.58	13.19	---	12.65	12.61	12.92	13.16	16.28	13.78	14.50	13.29
9	13.75	13.56	13.16	12.95	12.97	12.65	12.94	13.21	16.45	13.77	14.44	13.31
10	13.68	13.60	13.14	12.81	13.03	12.79	12.93	13.24	16.27	13.77	14.42	13.29
11	13.64	13.49	13.07	12.98	12.97	12.82	12.94	13.24	16.66	13.94	14.38	13.27
12	13.57	13.50	13.04	13.02	12.88	12.75	13.02	13.23	16.38	13.87	14.33	13.23
13	13.47	13.54	13.14	13.04	12.93	12.73	13.08	13.36	16.38	13.78	14.31	13.18
14	13.43	13.57	13.07	13.03	12.88	12.69	13.06	13.66	15.69	13.71	14.33	13.18
15	13.48	13.42	12.99	13.00	12.89	12.69	12.84	13.85	15.29	13.75	14.37	13.16
16	13.46	13.43	12.97	12.96	12.66	12.70	12.77	13.94	15.02	13.78	14.44	13.12
17	13.48	13.38	12.94	12.90	12.77	12.73	12.82	13.83	14.93	13.83	14.42	13.08
18	13.52	13.34	12.83	12.77	12.86	12.68	12.86	13.99	15.02	13.83	14.44	13.07
19	13.52	13.40	12.93	12.78	12.96	12.56	12.89	14.70	14.78	13.85	14.46	13.09
20	13.47	13.20	12.88	12.96	12.95	12.60	12.90	14.86	14.58	13.91	14.50	13.04
21	13.44	13.29	12.92	12.89	12.82	12.60	12.88	14.99	14.52	13.95	14.52	13.03
22	13.46	13.32	12.96	12.59	12.69	12.64	12.88	14.82	14.42	13.92	14.51	13.02
23	13.49	13.30	12.84	12.94	12.83	12.64	12.86	14.57	14.32	13.92	14.53	13.02
24	13.49	13.32	12.67	13.05	12.96	12.63	12.80	14.43	14.21	13.94	14.51	13.00
25	13.43	13.36	12.88	12.84	12.90	12.60	12.91	14.35	14.05	13.96	14.50	13.07
26	13.38	13.26	12.98	12.82	12.83	12.59	12.97	14.32	13.90	13.97	14.52	13.12
27	13.41	13.31	12.91	12.90	12.65	12.60	12.91	14.61	13.89	14.03	14.55	13.14
28	13.51	13.29	12.88	12.89	12.48	12.65	12.85	15.31	13.91	14.09	14.59	13.11
29	13.52	13.23	12.84	12.87	---	12.70	12.94	15.79	13.89	14.13	14.66	13.09
30	13.47	13.13	12.79	12.77	---	12.52	13.00	15.87	13.86	14.15	14.55	13.02
31	13.46	---	12.89	12.89	---	12.66	---	15.91	---	14.19	14.45	---
MEAN	13.6	13.4	13.0	---	12.8	12.7	12.9	14.1	15.3	13.9	14.5	13.3
MAX	13.81	13.60	13.25	---	13.03	12.88	13.08	15.91	16.66	14.19	14.69	14.31
MIN	13.38	13.13	12.67	---	12.48	12.45	12.77	13.14	13.86	13.71	14.25	13.00

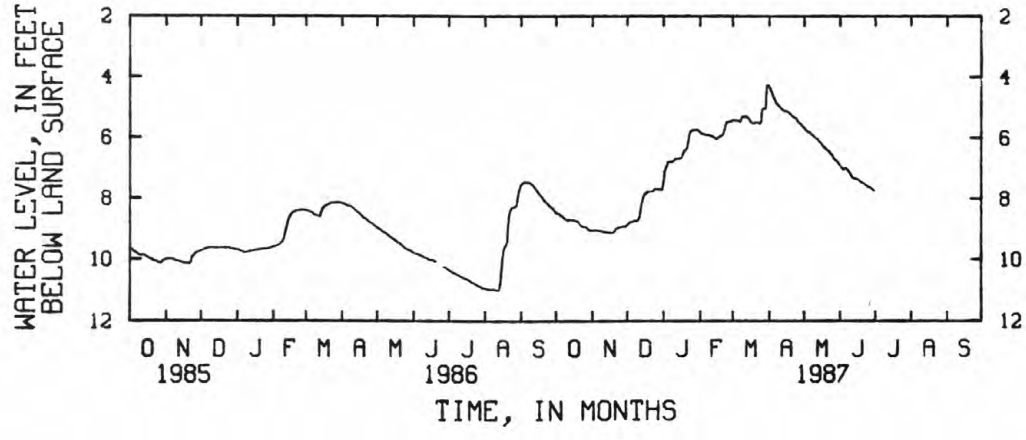


CHARLESTON COUNTY

323031080185200. Local number, CHN-551.
LOCATION.--Lat 32°30'31'', long 80°18'52'', Hydrologic Unit 03050205, Edisto State Park, 1.4 mi west of State Highway 174 on Palmetto Drive, 0.25 mi east on dirt road.
Owner: Town of Edisto Beach
AQUIFER.--Surficial Sand.
WELL CHARACTERISTICS.--Drilled observation water-table well, diameter 4 in, depth 45 ft, casing depth and screened intervals unknown.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below lands-surface datum.
REMARKS.--1982 Gamma and Neutron logs available in District files.
PERIOD OF RECORD.--November 1983 to June 1987 (discontinued).
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 4.25 ft below land-surface datum, Mar. 31, 1987; lowest, 11.02 ft below lands-surface datum, August 11-12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.48	9.05	8.88	7.43	5.83	5.42	4.33	5.68	6.92	---	---	---
2	8.48	9.05	8.83	7.10	5.87	5.42	4.41	5.72	6.97	---	---	---
3	8.51	9.05	8.79	6.98	5.88	5.43	4.49	5.76	7.02	---	---	---
4	8.53	9.05	8.79	6.90	5.88	5.43	4.61	5.80	7.04	---	---	---
5	8.56	9.05	8.78	6.79	5.89	5.43	4.69	5.82	7.00	---	---	---
6	8.59	9.06	8.75	6.79	5.91	5.45	4.78	5.83	7.01	---	---	---
7	8.62	9.07	8.74	6.78	5.91	5.48	4.86	5.88	7.05	---	---	---
8	8.66	9.08	8.74	6.78	5.90	5.41	4.90	5.91	7.10	---	---	---
9	8.69	9.09	8.74	6.77	5.91	5.31	4.94	5.94	7.14	---	---	---
10	8.71	9.10	8.74	6.73	5.94	5.30	4.98	5.97	7.21	---	---	---
11	8.71	9.11	8.64	6.69	5.94	5.30	5.02	6.01	7.29	---	---	---
12	8.71	9.11	8.51	6.69	5.95	5.30	5.06	6.04	7.32	---	---	---
13	8.71	9.12	8.26	6.69	5.99	5.31	5.10	6.07	7.34	---	---	---
14	8.72	9.12	8.06	6.69	6.02	5.35	5.12	6.12	7.35	---	---	---
15	8.72	9.13	7.93	6.69	6.04	5.39	5.13	6.15	7.36	---	---	---
16	8.72	9.13	7.86	6.66	6.02	5.45	5.13	6.20	7.38	---	---	---
17	8.73	9.14	7.84	6.58	5.98	5.50	5.15	6.26	7.40	---	---	---
18	8.75	9.12	7.79	6.48	5.96	5.52	5.19	6.30	7.44	---	---	---
19	8.76	9.12	7.77	6.42	5.94	5.52	5.22	6.34	7.47	---	---	---
20	8.79	9.09	7.77	6.39	5.92	5.51	5.26	6.37	7.47	---	---	---
21	8.86	9.01	7.77	6.33	5.86	5.50	5.30	6.41	7.50	---	---	---
22	8.90	8.99	7.77	6.10	5.72	5.50	5.32	6.44	7.54	---	---	---
23	8.92	8.97	7.77	5.85	5.55	5.51	5.34	6.48	7.57	---	---	---
24	8.93	8.96	7.70	5.80	5.49	5.54	5.37	6.53	7.60	---	---	---
25	8.95	8.95	7.70	5.77	5.48	5.47	5.44	6.57	7.63	---	---	---
26	8.95	8.94	7.70	5.74	5.48	5.10	5.49	6.65	7.64	---	---	---
27	8.96	8.93	7.70	5.74	5.46	5.04	5.52	6.70	7.65	---	---	---
28	9.03	8.93	7.70	5.74	5.46	5.04	5.56	6.73	7.69	---	---	---
29	9.05	8.93	7.70	5.74	---	5.03	5.60	6.77	7.72	---	---	---
30	9.05	8.93	7.71	5.74	---	4.29	5.64	6.81	7.75	---	---	---
31	9.05	---	7.71	5.77	---	4.25	---	6.87	---	---	---	---
MEAN	8.77	9.05	8.17	6.43	5.83	5.31	5.10	6.23	7.35	---	---	---
MAX	9.05	9.14	8.88	7.43	6.04	5.54	5.64	6.87	7.75	---	---	---
MIN	8.48	8.93	7.70	5.74	5.46	4.25	4.33	5.68	6.92	---	---	---

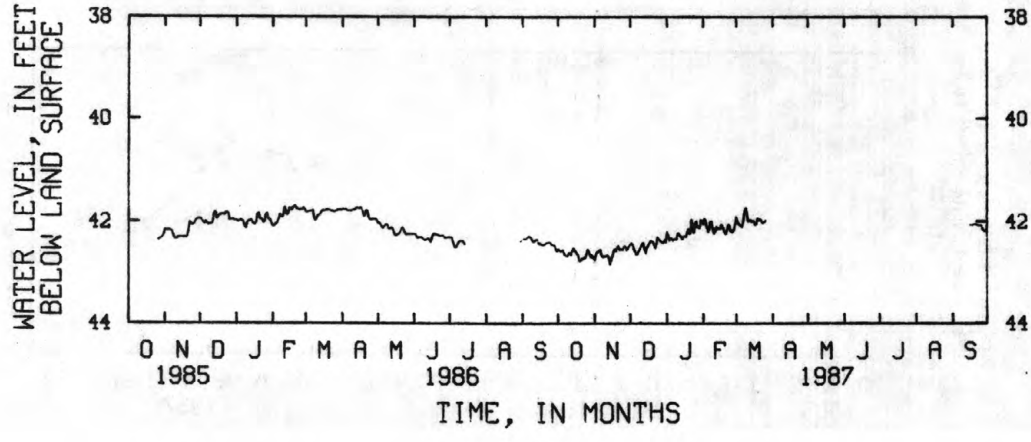


COLLETON COUNTY

330256080354500. Local number, COL-97.
LOCATION.--Lat 33°02'56'', long 80°35'45'', Hydrologic Unit 03050205, 1.6 mi southeast of Canadys at intersection of State Hwy. 61 and State Road 45.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 500 ft, cased to 134.4 ft, open hole from 134.4 to 500 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch. Data collection platform installed March 1987.
DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.10 ft above lands-surface datum.
REMARKS.--Depth, measured Jan. 17, 1979, 356 ft. Caliper, electric, and gamma logs available in District files.
PERIOD OF RECORD.--August 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.79 below land-surface datum, May 14, 1978; lowest 42.84 ft below lands-surface datum, Nov. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.57	42.76	42.46	42.22	42.06	41.92	---	---	---	---	---	---
2	42.56	42.67	42.43	42.29	41.96	42.01	---	---	---	---	---	---
3	42.59	42.60	42.46	42.38	41.99	42.06	---	---	---	---	---	---
4	42.59	42.61	42.55	42.35	42.13	42.07	---	---	---	---	---	---
5	42.57	42.57	42.59	42.34	42.21	42.10	---	---	---	---	---	---
6	42.64	42.57	42.65	42.38	42.16	42.10	---	---	---	---	---	---
7	42.67	42.67	42.65	42.35	42.02	41.99	---	---	---	---	---	---
8	42.68	42.70	42.60	42.35	42.01	41.81	---	---	---	---	---	---
9	42.68	42.69	42.55	42.36	42.15	41.75	---	---	---	---	---	---
10	42.63	42.69	42.50	42.24	42.24	41.84	---	---	---	---	---	---
11	42.63	42.68	42.45	42.24	42.21	42.00	---	---	---	---	---	---
12	42.66	42.68	42.43	42.29	42.12	41.99	---	---	---	---	---	---
13	42.58	42.72	42.55	42.31	42.15	41.98	---	---	---	---	---	---
14	42.53	42.84	42.62	42.34	42.14	42.01	---	---	---	---	---	42.07
15	42.58	42.76	42.53	42.30	42.15	42.00	---	---	---	---	---	42.08
16	42.60	42.69	42.48	42.30	42.07	42.00	---	---	---	---	---	42.08
17	42.64	42.59	42.44	42.31	42.09	42.07	---	---	---	---	---	42.08
18	42.67	42.55	42.39	42.23	42.15	42.05	---	---	---	---	---	42.08
19	42.77	42.59	42.40	42.15	42.22	41.94	---	---	---	---	---	42.06
20	42.77	42.52	42.40	42.24	42.25	41.98	---	---	---	---	---	42.06
21	42.75	42.48	42.45	42.23	42.18	41.96	---	---	---	---	---	42.07
22	42.73	42.55	42.52	41.97	42.07	41.98	---	---	---	---	---	42.09
23	42.73	42.56	42.45	42.12	42.08	42.03	---	---	---	---	---	42.09
24	42.72	42.56	42.33	42.22	42.19	42.03	---	---	---	---	---	42.09
25	42.65	42.55	42.35	42.06	42.20	42.02	---	---	---	---	---	42.09
26	42.56	42.50	42.38	42.01	42.22	41.99	---	---	---	---	---	42.15
27	42.58	42.50	42.40	42.11	42.16	---	---	---	---	---	---	42.18
28	42.66	42.56	42.42	42.11	42.05	---	---	---	---	---	---	42.20
29	42.70	42.55	42.42	42.14	---	---	---	---	---	---	---	42.20
30	42.68	42.49	42.37	41.98	---	---	---	---	---	---	---	42.10
31	42.72	---	42.41	42.00	---	---	---	---	---	---	---	---
MEAN	42.6	42.6	42.5	42.2	42.1	---	---	---	---	---	---	---
MAX	42.77	42.84	42.65	42.38	42.25	---	---	---	---	---	---	---
MIN	42.53	42.48	42.33	41.97	41.96	---	---	---	---	---	---	---

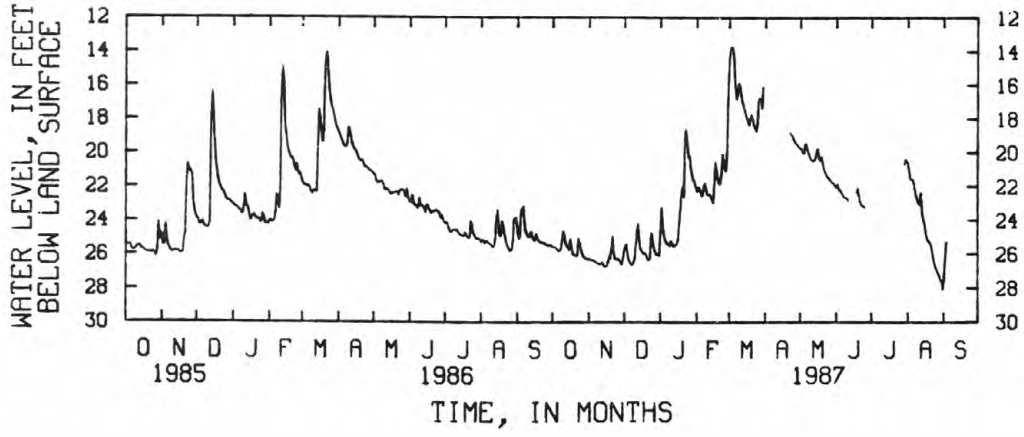


DORCHESTER COUNTY

331325080263400. Local number, DOR-103.
LOCATION.--Lat 33°13'25'', long 80°26'34'', Hydrologic Unit 03050206, 0.8 mi northeast of U.S. Hwy. 178, approximately 120 ft east of railroad in Harleyville.
Owner: Ford Redimix Concrete Co.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 56 ft, cased to 43 ft, open hole from 43 to 56 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch. Data collection platform installed March 1987.
DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft above land-surface datum.
REMARKS.--Original depth was 212 ft, well caved in and bottom was plugged with cement. Well was sounded Mer. 27, 1980 to a depth of 56 ft. Water-quality analysis on file in District office. Pump test data on file in District office. Gamma and caliper logged Nov. 29, 1979 to a depth of 55 ft.
PERIOD OF RECORD.--January 1980 to September 1987 (discontinued).
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 13.36 ft below land-surface datum, May 8, 1984; lowest, 29.52 ft below land-surface datum, Jul. 24, 1985. (lowest extreme may have been exceeded during period of missing record Sept. 4-30, 1987).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.58	26.30	25.73	24.62	22.29	14.49	---	19.78	22.03	---	20.64	27.57
2	25.61	26.32	25.52	23.23	22.09	13.84	---	19.77	21.88	---	21.10	26.26
3	25.64	26.37	25.43	24.31	22.06	13.75	---	19.99	22.23	---	21.56	25.32
4	25.70	26.39	26.10	24.85	22.31	13.75	---	20.01	22.19	---	21.60	---
5	25.77	26.40	26.37	25.15	22.56	14.47	---	19.51	22.30	---	21.61	---
6	25.82	26.44	26.54	25.37	22.54	16.08	---	19.47	22.48	---	21.81	---
7	25.85	26.51	26.64	25.34	21.93	16.82	---	19.85	22.61	---	22.22	---
8	25.73	26.56	26.62	25.44	21.79	16.53	---	20.05	22.66	---	22.59	---
9	25.22	26.59	26.51	25.51	22.21	15.91	---	20.28	22.68	---	22.91	---
10	24.69	26.63	26.28	25.24	22.47	15.99	---	20.39	22.73	---	22.99	---
11	24.83	26.58	25.39	25.42	22.51	16.56	---	20.43	22.84	---	23.11	---
12	25.39	26.50	24.56	25.55	22.46	16.96	---	20.49	---	---	22.41	---
13	25.53	26.62	24.21	25.53	22.62	17.20	---	20.43	---	---	23.48	---
14	25.61	26.76	25.32	25.47	22.76	17.51	---	20.26	---	---	23.88	---
15	25.75	26.74	25.73	25.39	22.96	17.77	---	19.82	---	---	24.18	---
16	25.15	26.74	25.86	25.16	21.94	17.95	---	19.77	---	---	24.61	---
17	25.66	26.47	25.96	24.10	20.53	18.23	---	20.36	---	---	24.99	---
18	25.94	26.14	25.96	23.35	21.10	18.36	---	20.46	22.35	---	25.16	---
19	26.07	26.27	26.00	22.28	21.55	17.98	---	20.27	22.12	---	25.26	---
20	26.09	25.60	26.12	22.02	21.79	17.77	---	20.64	22.49	---	25.34	---
21	26.10	24.95	26.30	22.63	21.83	18.06	---	20.93	22.92	---	25.53	---
22	26.12	25.94	26.37	18.65	21.34	18.34	18.82	21.16	23.08	---	25.94	---
23	25.07	26.27	26.28	18.64	20.10	18.54	18.94	21.30	23.14	---	26.33	---
24	25.41	26.34	24.74	19.63	20.62	18.71	19.01	21.43	23.17	---	26.58	---
25	25.74	26.30	24.88	20.29	20.91	18.25	19.19	21.51	23.24	---	26.80	---
26	25.95	26.30	25.59	20.19	21.08	16.95	19.37	21.59	---	---	26.98	---
27	26.13	26.41	25.82	20.92	19.91	16.76	19.45	21.67	---	---	27.15	---
28	26.24	26.56	25.99	21.35	16.27	16.90	19.49	21.75	---	---	27.29	---
29	26.30	26.64	26.06	21.64	---	17.35	19.62	21.81	---	20.70	27.50	---
30	26.27	26.20	26.01	21.67	---	16.12	19.68	21.87	---	20.42	27.63	---
31	26.35	---	26.10	22.01	---	---	---	22.03	---	20.56	28.10	---
MEAN	25.7	26.4	25.8	23.3	21.6	---	---	20.6	---	---	24.4	---
MAX	26.35	26.76	26.64	25.55	22.96	---	---	22.03	---	---	28.10	---
MIN	24.69	24.95	24.21	18.64	16.27	---	---	19.47	---	---	20.64	---

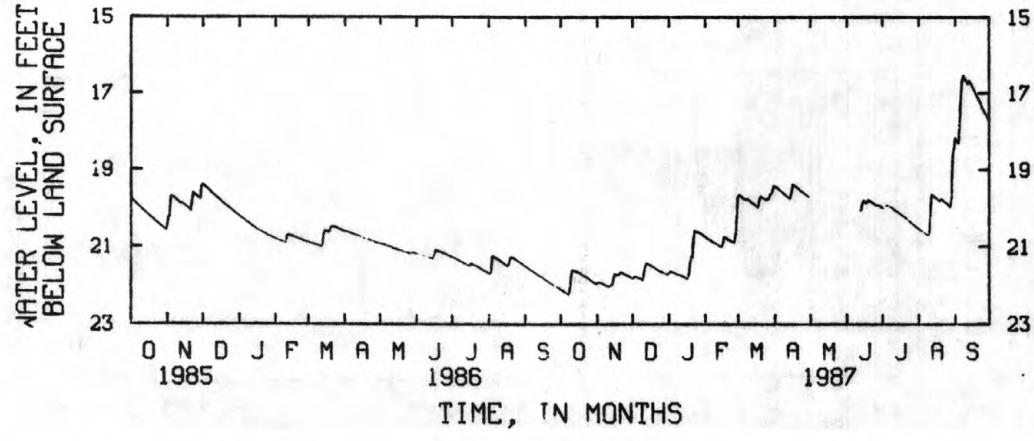


FLORENCE COUNTY

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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22 11	21.95	21.82	21.69	20.75	19.72	19.44	---	---	20 00	20.55	18.20
2	22.13	21.93	21.81	21.65	20.78	19.67	19.46	---	---	20.02	20.57	18.24
3	22 15	21.93	21.77	21.66	20.80	19.69	19.48	---	---	20.01	20.59	18.28
4	22.17	21.94	21.78	21.67	20.82	19.72	19.51	---	---	19.96	20.61	18.32
5	22.19	21.95	21.79	21.68	20.84	19.74	19.54	---	---	19.93	20.64	17.78
6	22.21	21.97	21.81	21.69	20.86	19.77	19.57	---	---	19.94	20.66	17 [illegible]
7	22.23	21 99	21.82	21.71	20.88	19.80	19.59	---	---	19.96	20.68	16.64
8	22.25	22.00	21.83	21.72	20.90	19.79	19.62	---	---	19 98	20.70	16.54
9	22 07	22.02	21.85	21.73	20.91	19.78	19.65	---	---	20.00	20.72	16.59
10	21 72	22.03	21.87	21.74	20.93	19.80	19.67	---	---	20 02	20.74	16.65
11	21.61	22.04	21.64	21.75	20.95	19.82	19.70	---	20.05	20.05	20.20	16.71
12	21.62	22.02	21.50	21.76	20.97	19.85	19.72	---	20.07	20.07	19.65	16.76
13	21.63	21.98	21.44	21.77	20.99	19.87	19.74	---	20.09	20.09	19.67	16.68
14	21.65	21.99	21.45	21.79	21.01	19.90	19.77	---	19.89	20.11	19.70	16.73
15	21.65	21.80	21.46	21.81	21.03	19.92	19.61	---	19.82	20.13	19.72	16.79
16	21.67	21.71	21.48	21.82	20.94	19.95	19.39	---	19.84	20.15	19 75	16.85
17	21 68	21.72	21.50	21.83	20.77	19.98	19.41	---	19.86	20.18	19.77	16.92
18	21.70	21.72	21.52	21.70	20.78	20.00	19.43	---	19.87	20.20	19.80	16.98
19	21.72	21.73	21.54	21.42	20.79	19.80	19.45	---	19.80	20.22	19 81	17.04
20	21.74	21 71	21.56	21.27	20.81	19.71	19.48	---	19.82	20 24	19.77	17.11
21	21.76	21.67	21.58	21.28	20.83	19.73	19.50	---	19.83	20.27	19.79	17.17
22	21.78	21.68	21.60	20.77	20.85	19.75	19.53	---	19.85	20.29	19.82	17.23
23	21.80	21.69	21.62	20.60	20.87	19.77	19.56	---	19.88	20.32	19.84	17.30
24	21.82	21.71	21.64	20.61	20.88	19.80	19.58	---	19.90	20.35	19.87	17.38
25	21 84	21.72	21.65	20.63	20.89	19.80	19.61	---	19.92	20.37	19.89	17 44
26	21 87	21.74	21.66	20.63	20.91	19.76	19.63	---	19.94	20.40	19.92	17.50
27	21.88	21.75	21.68	20.65	20.68	19.78	19.65	---	19.93	20.42	19.95	17.55
28	21 91	21.77	21.69	20.67	20.21	19.65	19.68	---	19.94	20.45	19.98	17.61
29	21.93	21.79	21.70	20.69	---	19.65	19.70	---	19.96	20.47	19.75	17.67
30	21.95	21.80	21.72	20.71	---	19.57	19.73	---	19.98	20 50	18.61	17.72
31	21.97	---	21.73	20.73	---	19.44	---	---	---	20.52	18.46	---
MEAN	21.9	21.8	21.7	21.3	20.8	19.8	19.6	---	---	20.2	20.0	17.3
MAX	22.25	22.04	21.87	21.83	21.03	20.00	19.77	---	---	20.52	20.74	18.32
MIN	21.61	21.67	21.44	20.60	20.21	19.44	19.39	---	---	19.93	18.46	16.54



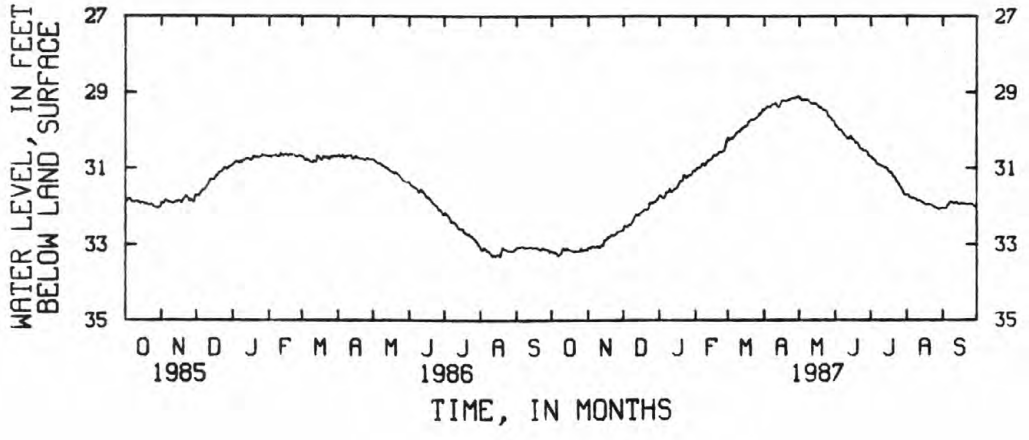
FLORENCE COUNTY

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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.19	33.11	32.65	31.74	31.09	30.21	29.49	29.16	29.87	30.70	31.71	32.06
2	33.22	33.09	32.54	31.72	31.03	30.26	29.45	29.14	29.91	30.74	31.70	32.07
3	33.22	33.12	32.54	31.77	31.00	30.24	29.42	29.20	29.93	30.77	31.76	32.06
4	33.23	33.08	32.56	31.78	31.00	30.22	29.38	29.22	30.00	30.78	31.77	32.07
5	33.24	33.07	32.54	31.80	31.00	30.24	29.38	29.20	30.00	30.80	31.80	31.99
6	33.31	33.07	32.49	31.76	30.95	30.19	29.41	29.21	30.01	30.88	31.80	31.96
7	33.30	33.08	32.50	31.66	30.89	30.16	29.36	29.20	30.06	30.90	31.78	31.91
8	33.28	33.08	32.49	31.65	30.89	30.10	29.32	29.20	30.10	30.92	31.82	31.89
9	33.25	33.05	32.43	31.64	30.94	30.06	29.32	29.22	30.15	30.93	31.82	31.92
10	33.16	33.09	32.37	31.56	30.89	30.04	29.32	29.26	30.17	30.94	31.88	31.93
11	33.11	33.09	32.29	31.61	30.84	30.06	29.28	29.30	30.23	30.96	31.87	31.94
12	33.15	33.04	32.23	31.64	30.80	30.01	29.36	29.30	30.23	30.97	31.85	31.92
13	33.16	33.03	32.26	31.59	30.81	29.96	29.40	29.30	30.21	31.00	31.89	31.90
14	33.12	33.04	32.24	31.57	30.78	29.96	29.41	29.32	30.16	30.98	31.90	31.95
15	33.15	32.91	32.26	31.56	30.78	29.92	29.32	29.30	30.24	31.02	31.93	31.97
16	33.15	32.90	32.20	31.54	30.71	29.92	29.24	29.32	30.25	31.08	31.94	31.94
17	33.18	32.89	32.17	31.48	30.66	29.89	29.22	29.36	30.27	31.11	31.97	31.94
18	33.18	32.83	32.16	31.42	30.67	29.87	29.22	29.40	30.34	31.12	31.98	31.94
19	33.18	32.83	32.12	31.35	30.66	29.78	29.23	29.40	30.34	31.14	31.97	31.95
20	33.22	32.79	32.11	31.36	30.66	29.76	29.24	29.41	30.35	31.21	31.96	31.94
21	33.19	32.76	32.10	31.34	30.61	29.72	29.22	29.46	30.41	31.25	31.98	31.96
22	33.19	32.77	32.12	31.20	30.57	29.74	29.21	29.48	30.48	31.27	31.98	31.96
23	33.21	32.78	32.07	31.20	30.59	29.73	29.20	29.48	30.49	31.34	32.00	31.95
24	33.19	32.77	31.95	31.27	30.58	29.71	29.17	29.49	30.52	31.38	32.03	31.96
25	33.20	32.74	31.93	31.26	30.56	29.69	29.15	29.54	30.55	31.42	32.04	31.95
26	33.12	32.69	31.92	31.22	30.55	29.67	29.16	29.64	30.55	31.48	32.05	31.96
27	33.17	32.67	31.93	31.19	30.43	29.64	29.18	29.65	30.54	31.54	32.06	31.99
28	33.18	32.68	31.89	31.19	30.31	29.56	29.13	29.67	30.58	31.59	32.09	32.02
29	33.17	32.67	31.91	31.16	---	29.60	29.15	29.74	30.66	31.66	32.10	32.03
30	33.15	32.65	31.83	31.09	---	29.54	29.10	29.76	30.68	31.70	32.06	32.03
31	33.18	---	31.83	31.08	---	29.45	---	29.77	---	31.72	32.07	---
MEAN	33.2	32.9	32.2	31.5	30.8	29.9	29.3	29.4	30.3	31.1	31.9	32.0
MAX	33.31	33.12	32.65	31.80	31.09	30.26	29.49	29.77	30.68	31.72	32.10	32.07
MIN	33.11	32.65	31.83	31.08	30.31	29.45	29.10	29.14	29.87	30.70	31.70	31.89

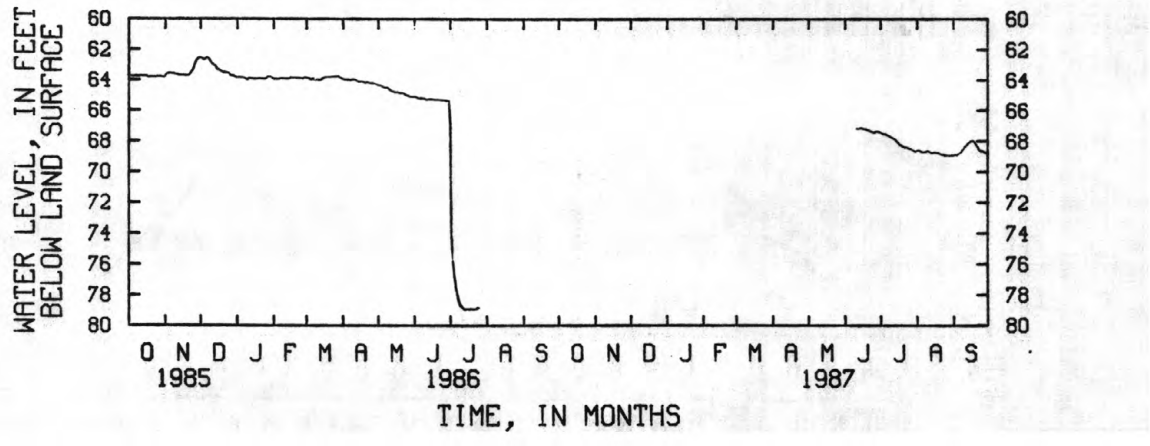
CAL YR 1986 MEAN 31.9 HIGH 30.62 LOW 33.33
WTR YR 1987 MEAN 31.2 HIGH 29.10 LOW 33.31



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 (Revised), 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 Jul. 1986. Jun. 1987 to Sept. 1987.
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, Jul. 13-21, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	67.47	68.60	68.94
2	---	---	---	---	---	---	---	---	---	67.50	68.59	68.91
3	---	---	---	---	---	---	---	---	---	67.54	68.63	68.92
4	---	---	---	---	---	---	---	---	---	67.54	68.68	68.92
5	---	---	---	---	---	---	---	---	---	67.55	68.69	68.85
6	---	---	---	---	---	---	---	---	---	67.60	68.70	68.80
7	---	---	---	---	---	---	---	---	---	67.64	68.71	68.74
8	---	---	---	---	---	---	---	---	---	67.67	68.70	68.63
9	---	---	---	---	---	---	---	---	---	67.71	68.69	68.56
10	---	---	---	---	---	---	---	---	67.21	67.76	68.64	68.41
11	---	---	---	---	---	---	---	---	67.22	67.81	68.68	68.32
12	---	---	---	---	---	---	---	---	67.20	67.83	68.72	68.24
13	---	---	---	---	---	---	---	---	67.20	67.89	68.76	68.16
14	---	---	---	---	---	---	---	---	67.14	67.97	68.78	68.09
15	---	---	---	---	---	---	---	---	67.17	68.05	68.76	68.05
16	---	---	---	---	---	---	---	---	67.22	68.13	68.76	68.00
17	---	---	---	---	---	---	---	---	67.22	68.23	68.77	67.98
18	---	---	---	---	---	---	---	---	67.24	68.25	68.78	68.01
19	---	---	---	---	---	---	---	---	67.25	68.30	68.78	68.11
20	---	---	---	---	---	---	---	---	67.30	68.36	68.81	68.21
21	---	---	---	---	---	---	---	---	67.31	68.41	68.87	68.34
22	---	---	---	---	---	---	---	---	67.34	68.41	68.90	68.49
23	---	---	---	---	---	---	---	---	67.39	68.39	68.88	68.60
24	---	---	---	---	---	---	---	---	67.43	68.44	68.91	68.63
25	---	---	---	---	---	---	---	---	67.46	68.49	68.95	68.66
26	---	---	---	---	---	---	---	---	67.46	68.51	68.95	68.67
27	---	---	---	---	---	---	---	---	67.39	68.54	68.92	68.71
28	---	---	---	---	---	---	---	---	67.37	68.59	68.93	68.77
29	---	---	---	---	---	---	---	---	67.40	68.64	68.95	68.76
30	---	---	---	---	---	---	---	---	67.42	68.68	68.92	68.67
31	---	---	---	---	---	---	---	---	---	68.66	68.93	---
MEAN	---	---	---	---	---	---	---	---	---	68.1	68.8	68.5
MAX	---	---	---	---	---	---	---	---	---	68.68	68.95	68.94
MIN	---	---	---	---	---	---	---	---	---	67.47	68.59	67.98

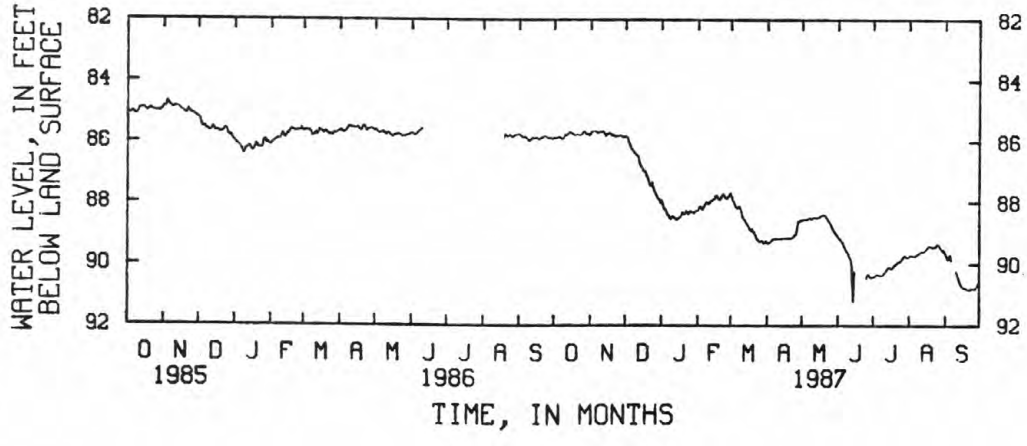


GEORGETOWN COUNTY

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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.90	85.76	85.86	87.95	88.29	87.71	89.32	88.59	89.13	90.43	89.76	89.67
2	85.90	85.69	85.84	88.08	88.17	87.84	89.33	88.58	89.17	90.42	89.74	89.77
3	85.90	85.68	85.92	88.21	88.14	87.95	89.32	88.57	89.22	90.40	89.74	89.86
4	85.88	85.67	86.06	88.24	88.21	88.03	89.30	88.57	89.27	90.37	89.74	89.80
5	85.84	85.66	86.15	88.31	88.25	88.13	89.24	88.57	89.31	90.36	89.74	89.71
6	85.87	85.68	86.24	88.42	88.17	88.19	89.22	88.56	89.41	90.37	89.77	89.88
7	85.92	85.73	86.29	88.44	88.09	88.21	89.20	88.53	89.50	90.37	89.73	---
8	85.92	85.71	86.35	88.52	88.01	88.16	89.19	88.51	89.58	90.38	89.69	---
9	85.89	85.67	86.39	88.56	88.01	88.17	89.19	88.56	89.62	90.38	89.68	---
10	85.79	85.70	86.44	88.47	88.07	88.31	89.19	88.54	89.70	90.35	89.65	90.24
11	85.80	85.67	86.46	88.49	88.04	88.48	89.19	88.52	89.81	90.30	89.62	90.32
12	85.79	85.68	86.50	88.51	87.95	88.55	89.19	88.50	89.88	90.24	89.60	90.46
13	85.75	85.75	86.69	88.56	87.97	88.60	89.18	88.51	90.06	90.18	89.61	90.57
14	85.70	85.83	86.80	88.59	87.91	88.67	89.18	88.53	91.25	90.13	89.60	90.66
15	85.71	85.77	86.85	88.55	87.90	88.72	89.18	88.50	90.28	90.11	89.54	90.73
16	85.73	85.75	86.92	88.52	87.79	88.78	89.17	88.48	---	90.13	89.51	90.77
17	85.76	85.73	86.98	88.49	87.79	88.88	89.17	88.46	---	90.16	89.46	90.78
18	85.79	85.74	86.99	88.41	87.85	88.93	89.17	88.44	---	90.12	89.43	90.80
19	85.80	85.81	87.11	88.33	87.92	88.87	89.17	88.43	---	90.06	89.42	90.81
20	85.78	85.79	87.19	88.39	87.93	88.95	89.17	88.41	---	90.03	89.44	90.83
21	85.77	85.79	87.33	88.38	87.83	89.00	89.17	88.43	---	90.00	89.47	90.84
22	85.79	85.84	87.44	88.29	87.75	89.08	89.17	88.49	---	89.96	89.46	90.84
23	85.80	85.83	87.46	88.33	87.74	89.19	89.16	88.55	---	89.93	89.43	90.83
24	85.78	85.82	87.37	88.40	87.83	89.24	89.13	88.61	---	89.93	89.45	90.81
25	85.74	85.83	87.51	88.32	87.86	89.29	89.05	88.66	90.47	89.89	89.36	90.81
26	85.68	85.80	87.64	88.30	87.88	89.29	89.05	88.75	90.41	89.84	89.37	90.82
27	85.68	85.81	87.73	88.33	87.82	89.27	88.84	88.83	90.34	89.78	89.42	90.81
28	85.75	85.85	87.82	88.35	87.76	89.27	88.63	88.91	90.40	89.74	89.48	90.71
29	85.77	85.86	87.89	88.36	---	89.34	88.64	88.98	90.44	89.76	89.56	90.65
30	85.75	85.84	87.91	88.29	---	89.33	88.60	89.03	90.44	89.79	89.54	90.57
31	85.80	---	88.03	88.29	---	89.26	---	89.08	---	89.78	89.61	---
MEAN	85.8	85.8	86.9	88.4	88.0	88.7	89.1	88.6	---	90.1	89.6	---
MAX	85.92	85.86	88.03	88.59	88.29	89.34	89.33	89.08	---	90.43	89.77	---
MIN	85.68	85.66	85.84	87.95	87.74	87.71	88.60	88.41	---	89.74	89.36	---

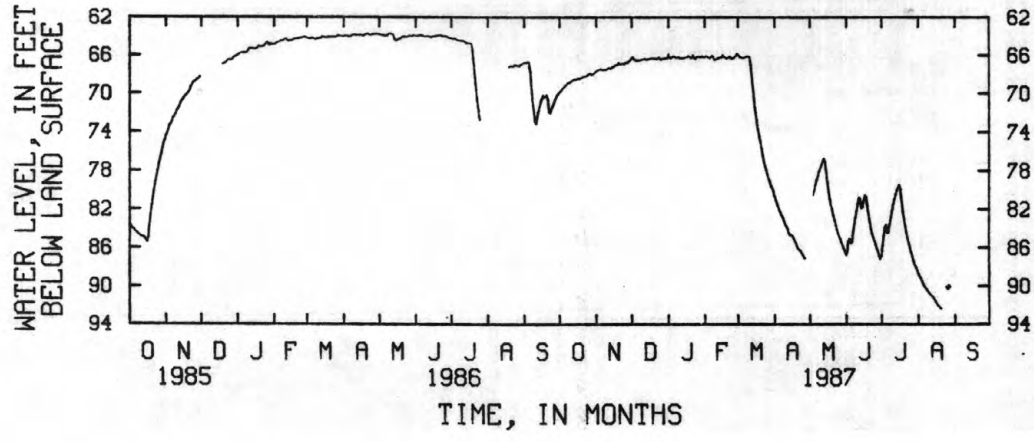


GEORGETOWN COUNTY

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 Hwy. 17.
Owner: Johnnie Strait.
AQUIFER.--Black Creek Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 620 ft, cased to 575 ft, screened interval 575-620 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.
REMARKS.--Gamma logged Feb., 1969 to 530 ft. Fluid-Temperature Resistance logged Oct. 1969 to 535 ft. Water-level influenced by nearby pumping. Water-quality data available in District files.
PERIOD OF RECORD.--December 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.38 ft below land-surface datum, Feb. 10, 1978; lowest, 92.40 ft below land-surface datum, Aug. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69.89	67.66	66.27	65.92	66.19	65.88	80.75	---	86.80	86.94	88.76	---
2	69.75	67.59	66.17	66.20	66.07	66.10	81.09	---	86.48	85.81	89.01	---
3	69.60	67.54	66.41	66.32	66.13	66.19	81.38	---	85.35	84.79	89.23	---
4	69.45	67.47	66.53	66.21	66.23	66.26	81.75	80.61	85.11	83.93	89.53	---
5	69.31	67.47	66.55	66.11	66.30	66.28	82.13	80.13	85.57	83.68	89.80	---
6	69.19	67.52	66.56	66.18	66.22	66.32	82.39	79.52	85.43	84.46	90.06	---
7	69.07	67.55	66.57	66.22	66.09	66.23	82.68	79.03	84.49	84.45	90.23	---
8	68.92	67.52	66.55	66.28	66.12	66.13	82.95	78.57	83.60	83.60	90.38	---
9	68.94	67.51	66.51	66.27	66.45	66.12	83.26	78.13	82.85	82.83	90.56	---
10	68.84	67.50	66.48	66.18	66.46	66.15	83.61	77.82	82.17	82.14	90.74	---
11	68.73	67.36	66.40	66.34	66.42	66.18	83.85	77.45	81.43	81.53	90.91	---
12	68.67	67.36	66.35	66.34	66.32	67.03	84.10	77.07	80.86	80.98	91.05	---
13	68.56	67.38	66.49	66.29	66.33	68.52	84.52	76.77	81.00	80.50	91.15	---
14	68.52	67.37	66.45	66.31	66.26	69.83	84.72	77.11	81.93	80.08	91.32	---
15	68.57	67.22	66.43	66.29	66.25	70.99	84.73	78.23	81.86	79.75	91.56	---
16	68.49	67.21	66.43	66.24	65.99	72.04	84.78	79.34	81.16	79.48	91.80	---
17	68.46	67.11	66.39	66.16	66.13	72.95	85.01	80.22	80.57	79.92	91.98	---
18	68.47	67.01	66.30	66.06	66.22	73.77	85.31	81.02	80.74	81.11	92.15	---
19	68.43	67.02	66.40	66.11	66.32	74.40	85.53	81.70	81.72	82.21	92.29	---
20	68.33	66.77	66.33	66.32	66.35	75.11	85.89	82.25	82.62	83.08	92.40	---
21	68.27	66.94	66.35	66.24	66.24	75.80	86.16	82.71	83.38	83.87	---	---
22	68.25	66.94	66.41	65.95	66.13	76.43	86.28	83.20	84.07	84.50	---	---
23	68.25	66.89	66.34	66.28	66.29	77.02	86.38	83.73	84.58	85.04	---	---
24	68.20	66.93	66.20	66.38	66.36	77.59	86.59	84.16	85.02	85.58	---	---
25	68.07	66.92	66.39	66.19	66.32	78.00	86.80	84.56	85.35	86.08	---	---
26	67.93	66.77	66.48	66.13	66.27	78.53	87.07	84.91	85.72	86.55	90.10	---
27	67.94	66.82	66.38	66.20	66.10	78.91	87.18	85.18	86.14	87.04	---	---
28	68.04	66.73	66.37	66.18	65.91	79.18	---	85.51	86.53	87.47	---	---
29	68.01	66.63	66.34	66.18	---	79.65	---	85.85	86.89	87.84	---	---
30	67.91	66.48	66.29	66.11	---	79.88	---	86.18	87.22	88.09	---	---
31	67.80	---	66.36	66.21	---	80.18	---	86.50	---	88.38	---	---
MEAN	68.6	67.2	66.4	66.2	66.2	72.1	---	---	83.9	83.9	---	---
MAX	69.89	67.66	66.57	66.38	66.46	80.18	---	---	87.22	88.38	---	---
MIN	67.80	66.48	66.17	65.92	65.91	65.88	---	---	80.57	79.48	---	---

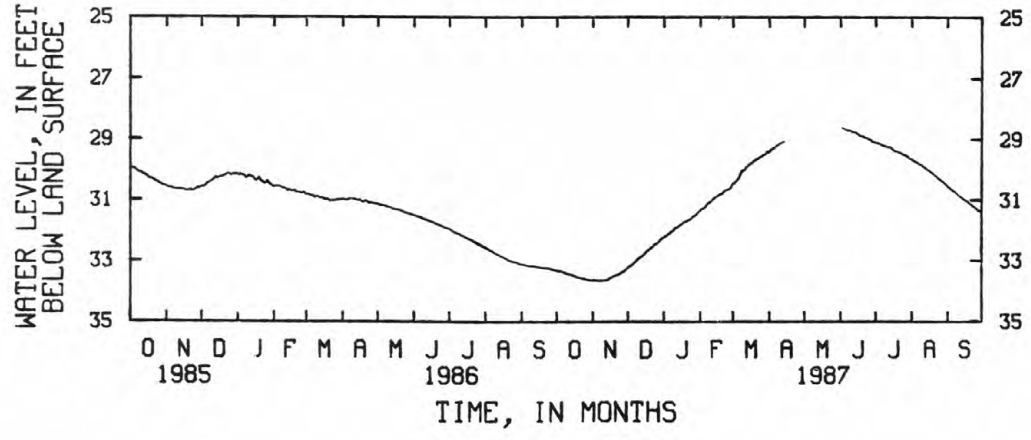


GREENVILLE COUNTY

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, 34.19 ft below land-surface datum, Oct. 28, 1981 (estimated).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.33	33.66	33.26	32.23	31.39	30.47	29.44	---	---	29.11	29.68	30.56
2	33.35	33.66	33.21	32.21	31.33	30.47	29.38	---	28.63	29.13	29.70	30.59
3	33.36	33.66	33.19	32.20	31.30	30.43	29.34	---	28.65	29.14	29.73	30.63
4	33.36	33.67	33.17	32.16	31.30	30.39	29.32	---	28.66	29.15	29.75	30.66
5	33.37	33.66	33.14	32.14	31.28	30.34	29.30	---	28.69	29.18	29.76	30.68
6	33.39	33.67	33.11	32.12	31.22	30.29	29.27	---	28.71	29.20	29.79	30.71
7	33.41	33.68	33.07	32.07	31.16	30.20	29.23	---	28.72	29.21	29.82	30.73
8	33.41	33.67	33.03	32.05	31.11	30.10	29.21	---	28.73	29.22	29.84	30.76
9	33.43	33.67	32.99	32.01	31.12	30.04	29.19	---	28.72	29.24	29.86	30.80
10	33.44	33.67	32.95	31.95	31.08	30.05	29.16	---	28.74	29.24	29.87	30.84
11	33.46	33.65	32.92	31.94	31.04	30.02	29.13	---	28.78	29.26	29.91	30.87
12	33.47	33.65	32.89	31.93	30.98	29.96	29.11	---	28.77	29.27	29.94	30.89
13	33.47	33.65	32.87	31.92	30.97	29.91	29.10	---	28.78	29.27	29.97	30.92
14	33.48	33.64	32.85	31.88	30.93	29.88	29.09	---	28.79	29.29	30.00	30.96
15	33.50	33.60	32.80	31.85	30.91	29.85	---	---	28.82	29.32	30.02	30.99
16	33.52	33.58	32.76	31.83	30.88	29.82	---	---	28.84	29.36	30.05	31.01
17	33.53	33.56	32.72	31.80	30.86	29.81	---	---	28.88	29.39	30.07	31.03
18	33.55	33.54	32.67	31.76	30.83	29.76	---	---	28.91	29.40	30.10	31.06
19	33.56	33.53	32.66	31.74	30.83	29.72	---	---	28.91	29.41	30.13	31.09
20	33.57	33.50	32.62	31.74	30.81	29.70	---	---	28.92	29.43	30.17	31.13
21	33.58	33.49	32.59	31.72	30.75	29.68	---	---	28.94	29.45	30.21	31.16
22	33.59	33.48	32.57	31.68	30.71	29.66	---	---	28.96	29.46	30.22	31.19
23	33.60	33.46	32.52	31.68	30.70	29.64	---	---	28.97	29.47	30.25	31.21
24	33.61	33.45	32.47	31.67	30.69	29.60	---	---	28.99	29.50	30.30	31.24
25	33.61	33.42	32.47	31.61	30.67	29.58	---	---	29.01	29.52	30.33	31.27
26	33.63	33.38	32.45	31.58	30.66	29.56	---	---	29.01	29.53	30.35	31.31
27	33.64	33.37	32.42	31.56	30.62	29.52	---	---	29.04	29.55	30.38	31.35
28	33.65	33.36	32.38	31.53	30.54	29.52	---	---	29.09	29.57	30.41	31.37
29	33.65	33.32	32.34	31.50	---	29.50	---	---	29.11	29.61	30.44	31.37
30	33.66	33.28	32.30	31.44	---	29.42	---	---	29.12	29.64	30.48	31.39
31	33.67	---	32.28	31.42	---	29.44	---	---	---	29.66	30.51	---
MEAN	33.5	33.6	32.8	31.8	31.0	29.9	---	---	---	29.4	30.1	31.0
MAX	33.67	33.68	33.26	32.23	31.39	30.47	---	---	---	29.66	30.51	31.39
MIN	33.33	33.28	32.28	31.42	30.54	29.42	---	---	---	29.11	29.68	30.56

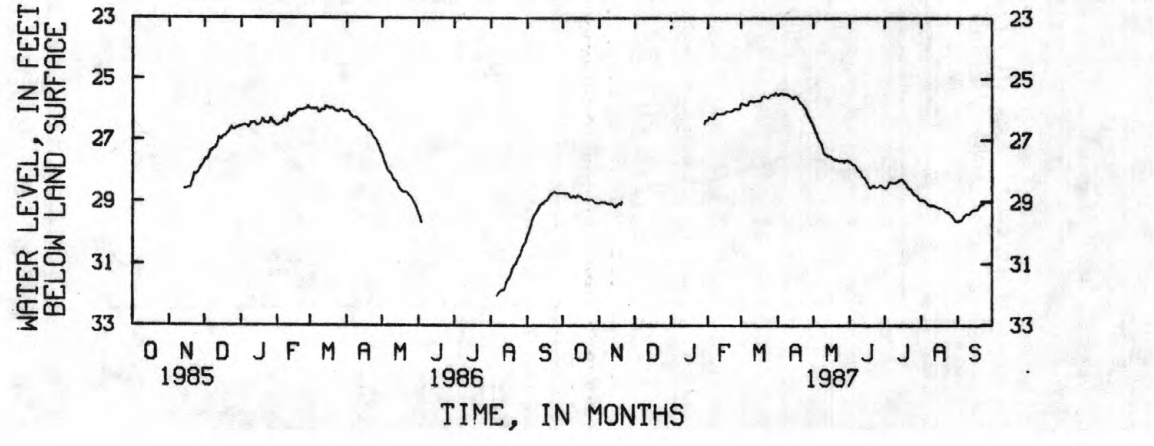


HAMPTON COUNTY

325005081122800. Local number, HAM-82.
LOCATION.--Lat 32°50'05'', long 81°12'28'', Hydrologic Unit 03050208, at the intersection of State Hwy. 363 and State Road 41, 5.7 mi west of Hampton on SC-363, at Hampton County landfill.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Santee Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 200 ft, cased to 98 ft, open hole from 98 to 200 ft.
INSTRUMENTATION.--Digital Recorder--60 minute punch.
DATUM.--Land-surface datum is 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of platform, 2.80 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD.--February 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 25.43 below land-surface datum, Apr. 24, 1983; lowest, 32.65 ft below land-surface datum June 29, 1985 (lowest may have been exceeded during period of missing record Jun. 4, to Aug. 5, 1986).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.73	29.05	---	---	26.36	25.81	25.53	26.55	27.70	28.56	28.96	29.64
2	28.72	29.02	---	---	26.26	25.80	25.52	26.63	27.72	28.56	28.95	29.64
3	28.74	29.02	---	---	26.26	25.81	25.47	26.73	27.78	28.55	28.96	29.62
4	28.74	29.03	---	---	26.30	25.83	25.46	26.82	27.81	28.48	28.99	29.62
5	28.73	29.02	---	---	26.30	25.85	25.47	26.93	27.81	28.39	29.01	29.56
6	28.77	29.02	---	---	26.29	25.85	25.49	27.00	27.83	28.37	29.05	29.50
7	28.83	29.06	---	---	26.23	25.84	25.50	27.06	27.91	28.39	29.10	29.45
8	28.86	29.07	---	---	26.18	25.75	25.50	27.14	27.97	28.39	29.11	29.41
9	28.85	29.07	---	---	26.13	25.72	25.50	27.29	28.01	28.39	29.13	29.41
10	28.81	29.09	---	---	26.15	25.72	25.52	27.42	28.03	28.39	29.13	29.41
11	28.85	29.08	---	---	26.15	25.73	25.54	27.46	28.09	28.38	29.12	29.40
12	28.86	29.08	---	---	26.15	25.74	25.58	27.49	28.18	28.35	29.13	29.35
13	28.82	29.13	---	---	26.14	25.73	25.61	27.51	28.22	28.32	29.15	29.30
14	28.80	29.19	---	---	26.14	25.72	25.66	27.53	28.24	28.30	29.17	29.29
15	28.82	29.15	---	---	26.13	25.71	25.59	27.53	28.31	28.28	29.19	29.27
16	28.84	29.12	---	---	26.08	25.69	25.57	27.53	28.38	28.29	29.20	29.26
17	28.87	29.07	---	---	26.06	25.72	25.59	27.59	28.46	28.34	29.20	29.27
18	28.91	29.05	---	---	26.06	25.69	25.64	27.62	28.55	28.39	29.21	29.24
19	28.94	29.09	---	---	26.06	25.58	25.71	27.63	28.57	28.42	29.21	29.18
20	28.93	29.01	---	---	26.06	25.58	25.79	27.67	28.51	28.51	29.24	29.11
21	28.92	---	---	---	26.06	25.56	25.80	27.64	28.49	28.57	29.31	29.10
22	28.94	---	---	---	26.03	25.57	25.84	27.66	28.49	28.59	29.34	29.09
23	28.95	---	---	---	25.98	25.60	25.92	27.68	28.53	28.59	29.33	29.06
24	28.95	---	---	---	25.98	25.61	25.93	27.68	28.54	28.67	29.35	29.03
25	28.93	---	---	---	25.98	25.57	26.01	27.67	28.53	28.71	29.40	28.99
26	28.94	---	---	---	25.98	25.53	26.16	27.68	28.50	28.77	29.42	28.99
27	28.97	---	---	---	25.98	25.51	26.24	27.73	28.47	28.80	29.46	28.99
28	29.02	---	---	---	25.97	25.51	26.27	27.69	28.46	28.80	29.51	29.00
29	29.04	---	---	26.47	---	25.53	26.38	27.67	28.51	28.84	29.56	29.00
30	29.03	---	---	26.36	---	25.45	26.43	27.65	28.55	28.93	29.63	28.92
31	29.06	---	---	26.35	---	25.45	---	27.70	---	28.95	29.65	---
MEAN	28.9	---	---	---	26.1	25.7	25.7	27.4	28.2	28.5	29.2	29.3
MAX	29.06	---	---	---	26.36	25.85	26.43	27.73	28.57	28.95	29.65	29.64
MIN	28.72	---	---	---	25.97	25.45	25.46	26.55	27.70	28.28	28.95	28.92

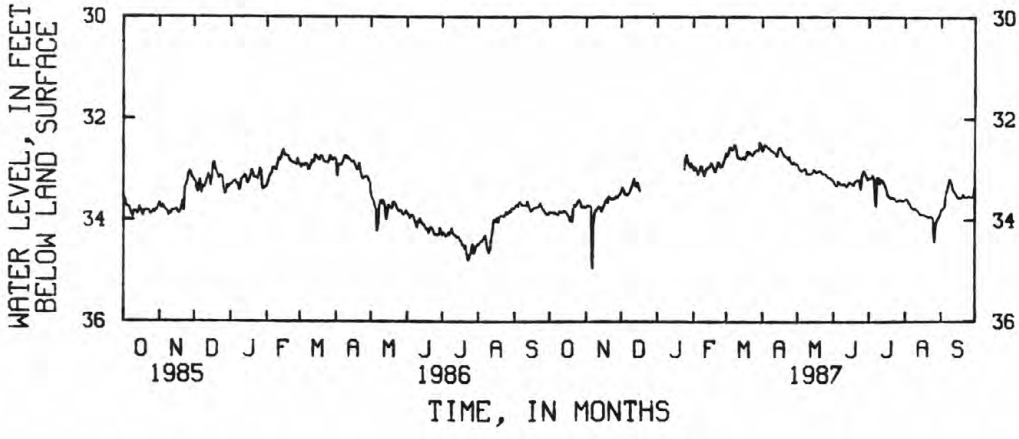


HAMPTON COUNTY

324143080505900. Local number, HAM-83.
LOCATION.--Lat 32°41'43'', long 80°50'59'', Hydrologic Unit 03050208, northwest of Ebenezer Methodist Church, 170 ft northeast and 80 ft northwest of intersection of State Road 44 and State Road 10, 0.4 mi northwest of the intersection of State Road 44 and U.S. Hwy. 17A-21, in Yemassee.
Owner: South Carolina Water Resources Commission.
AQUIFER.--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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.85	33.76	33.43	---	33.02	32.69	32.64	32.91	33.25	33.17	33.60	33.80
2	33.86	33.72	33.37	---	32.97	32.74	32.62	32.96	33.29	33.17	33.58	33.80
3	33.85	33.73	33.41	---	32.99	32.71	32.53	33.01	33.33	33.18	33.60	33.76
4	33.87	33.73	33.49	---	33.08	32.58	32.53	33.03	33.32	33.12	33.65	33.75
5	33.85	33.75	33.50	---	33.12	32.57	32.55	33.04	33.24	33.13	33.69	33.53
6	33.88	34.97	33.52	---	33.03	32.63	32.59	33.02	33.27	33.48	33.74	33.42
7	33.88	34.12	33.49	---	32.95	32.63	32.59	33.00	33.30	33.72	33.77	33.33
8	33.91	33.87	33.46	---	32.95	32.53	32.63	32.99	33.29	33.16	33.79	33.20
9	33.84	33.82	33.41	---	33.06	32.53	32.64	33.09	33.31	33.16	33.77	33.20
10	33.85	33.80	33.35	---	33.14	32.66	32.65	33.09	33.28	33.28	33.78	33.29
11	33.85	33.76	33.26	---	33.08	32.79	32.67	33.10	33.32	33.22	33.80	33.39
12	33.85	33.74	33.20	---	32.99	32.78	32.69	33.10	33.35	33.20	33.82	33.43
13	33.83	33.77	33.33	---	33.00	32.79	32.73	33.09	33.32	33.25	33.85	33.47
14	33.83	33.84	33.34	---	32.96	32.81	32.75	33.07	33.26	33.28	33.89	33.51
15	33.86	33.76	33.28	---	32.97	32.79	32.61	33.01	33.26	33.34	33.89	33.56
16	33.90	33.72	33.36	---	32.88	32.77	32.58	33.02	33.27	33.40	33.89	33.56
17	33.94	33.65	33.43	---	32.91	32.81	32.58	33.07	33.30	33.52	33.90	33.56
18	34.02	33.60	---	---	32.97	32.76	32.65	33.06	33.32	33.53	33.91	33.56
19	33.96	33.66	---	---	33.05	32.66	32.71	33.05	33.25	33.55	33.92	33.56
20	34.03	33.54	---	---	33.06	32.71	32.74	33.04	33.23	33.57	33.92	33.50
21	33.75	33.55	---	---	32.96	32.67	32.75	33.03	33.21	33.55	33.96	33.54
22	33.71	33.59	---	---	32.86	32.69	32.77	33.08	33.22	33.57	33.94	33.55
23	33.73	33.60	---	---	32.89	32.73	32.81	33.09	33.21	33.57	33.93	33.55
24	33.69	33.59	---	33.01	32.96	32.73	32.76	33.09	33.39	33.62	33.95	33.54
25	33.64	33.59	---	32.79	32.94	32.68	32.85	33.10	33.14	33.63	33.97	33.52
26	33.60	33.54	---	32.72	32.95	32.65	32.89	33.13	33.06	33.62	34.45	33.55
27	33.65	33.56	---	32.85	32.85	32.62	32.90	33.16	33.03	33.60	34.17	33.55
28	33.75	33.56	---	32.92	32.79	32.63	32.86	33.16	33.09	33.61	34.04	33.54
29	33.76	33.52	---	32.97	---	32.64	32.90	33.17	33.15	33.60	33.98	33.50
30	33.74	33.49	---	32.89	---	32.48	32.90	33.20	33.21	33.63	33.94	33.36
31	33.77	---	---	32.95	---	32.53	---	33.21	---	33.61	33.91	---
MEAN	33.8	33.7	---	---	33.0	32.7	32.7	33.1	33.2	33.4	33.9	33.5
MAX	34.03	34.97	---	---	33.14	32.81	32.90	33.21	33.39	33.72	34.45	33.80
MIN	33.60	33.49	---	---	32.79	32.48	32.53	32.91	33.03	33.12	33.58	33.20

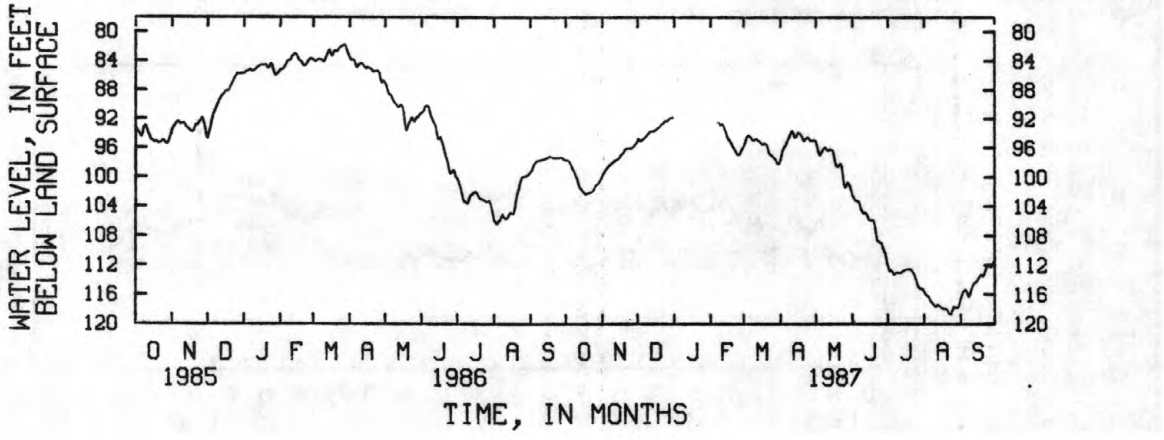


HORRY COUNTY

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. 1982 geophysical logs,
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.
REMARKS.--Previously published as HO-433. Aug. 1982 geophysical logs available in District Files.
PERIOD OF RECORD.--June 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 36.17 ft below land-surface datum, Dec. 16, 1977; lowest, 118.76 ft below land-surface datum, Aug. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	97.75	99.87	95.03	---	---	95.91	97.73	95.16	102.50	112.17	115.69	116.62
2	97.76	99.58	94.78	---	---	95.45	96.99	95.76	102.88	112.57	115.95	116.14
3	97.77	99.37	95.05	---	---	94.97	96.38	96.51	103.12	112.88	116.17	115.69
4	97.94	99.05	95.11	---	---	94.50	96.01	97.03	103.28	112.74	116.26	115.51
5	98.26	98.84	95.00	---	---	94.33	95.80	96.98	103.33	112.91	116.44	115.34
6	98.64	98.69	94.83	---	92.69	94.42	95.40	96.65	103.33	113.27	116.82	115.57
7	98.99	98.53	94.67	---	92.48	94.57	94.98	96.32	103.64	113.31	117.04	116.07
8	99.30	98.35	94.52	---	92.52	94.85	94.63	96.09	104.27	113.14	117.18	116.34
9	99.73	98.20	94.31	---	92.91	95.00	94.29	95.96	104.62	113.06	117.41	115.93
10	100.12	98.08	94.11	---	92.88	94.97	93.93	96.24	104.99	113.16	117.65	115.32
11	100.45	97.88	93.91	---	92.72	94.85	93.68	96.46	105.01	113.10	117.73	114.89
12	101.10	97.85	93.78	---	92.96	94.81	94.06	96.39	104.94	113.12	117.56	114.57
13	101.52	97.68	93.78	---	93.47	95.07	94.57	96.26	105.03	113.06	117.46	114.46
14	101.68	97.61	93.76	---	93.89	95.09	94.57	96.34	105.40	112.86	117.60	114.32
15	101.96	97.53	93.68	---	94.52	95.26	94.23	96.34	105.83	112.82	117.75	114.19
16	102.18	97.28	93.64	---	94.82	95.52	93.93	96.85	105.94	112.73	117.90	113.89
17	102.36	97.04	93.50	---	94.98	95.58	94.05	97.71	105.94	112.62	118.02	113.62
18	102.40	96.87	93.30	---	95.25	95.54	94.13	98.38	105.95	112.56	118.00	113.34
19	102.37	96.75	93.23	---	95.48	95.46	94.44	98.62	106.00	112.56	118.00	113.32
20	102.28	96.38	93.05	---	95.91	95.53	94.93	98.60	106.57	112.64	118.02	113.57
21	102.21	96.25	92.85	---	96.20	95.92	95.09	98.40	107.71	112.64	118.33	113.29
22	102.17	96.20	92.73	---	96.49	96.53	94.87	98.28	108.71	112.88	118.66	112.75
23	102.12	96.12	92.58	---	96.81	96.91	94.70	98.69	108.81	113.13	118.75	112.34
24	102.00	96.13	92.33	---	97.00	97.05	94.63	99.96	108.95	113.51	118.76	112.06
25	101.74	96.17	92.34	---	96.99	97.17	94.68	101.08	109.00	113.94	118.22	112.12
26	101.37	96.08	92.34	---	96.93	97.35	95.01	101.48	109.15	114.49	117.73	112.26
27	101.10	96.02	92.14	---	96.38	97.51	95.10	101.18	109.75	115.00	117.74	112.28
28	100.97	95.87	92.04	---	96.09	97.67	95.09	100.79	110.20	115.17	117.86	112.12
29	100.81	95.61	91.94	---	---	98.12	95.07	101.00	110.49	115.29	117.86	111.73
30	100.54	95.39	91.85	---	---	98.28	95.06	101.34	111.36	115.28	117.76	111.31
31	100.23	---	91.85	---	---	98.20	---	101.90	---	115.38	117.27	---
MEAN	101	97.4	93.5	---	---	95.9	94.9	98.0	106	113	118	114
MAX	102.40	99.87	95.11	---	---	98.28	97.73	101.90	111.36	115.38	118.76	116.62
MIN	97.75	95.39	91.85	---	---	94.33	93.68	95.16	102.50	112.17	115.69	111.31

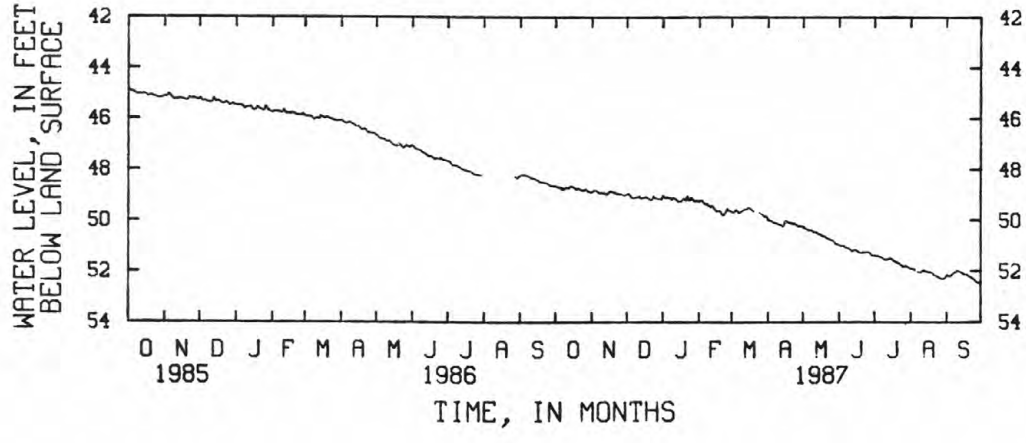


HORRY COUNTY

335115079033500. Local number, HO-307.
LOCATION.--Lat 33°50'58'', long 79°03'27'', Hydrologic Unit 03040206, 0.75 mi northeast from Intersection 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, 52.49 ft below land-surface datum, Sept. 28, 29, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48.69	48.93	49.02	49.06	49.30	49.70	50.00	50.28	51.02	51.41	51.91	52.17
2	48.71	48.88	48.97	49.10	49.24	49.73	50.03	50.31	51.02	51.42	51.93	52.19
3	48.73	48.87	49.00	49.15	49.26	49.71	50.04	50.34	51.06	51.44	51.95	52.22
4	48.74	48.87	49.08	49.13	49.25	49.64	50.06	50.37	51.03	51.43	51.96	52.22
5	48.74	48.87	49.12	49.12	49.33	49.61	50.10	50.40	51.04	51.45	51.99	52.17
6	48.78	48.90	49.15	49.15	49.39	49.69	50.12	50.41	51.09	51.47	52.04	52.12
7	48.82	48.96	49.15	49.14	49.40	49.74	50.14	50.41	51.12	51.48	52.06	52.08
8	48.80	48.96	49.13	49.18	49.38	49.72	50.15	50.41	51.13	51.51	52.07	52.06
9	48.78	48.95	49.13	49.20	49.44	49.69	50.17	50.46	51.13	51.55	52.07	52.06
10	48.74	48.98	49.13	49.14	49.45	49.67	50.19	50.49	51.17	51.57	52.06	52.00
11	48.75	48.97	49.10	49.16	49.51	49.62	50.20	50.50	51.22	51.58	52.03	52.02
12	48.75	48.97	49.08	49.19	49.45	49.60	50.22	50.50	51.23	51.56	51.99	52.05
13	48.73	49.01	49.16	49.24	49.49	49.61	50.26	50.52	51.23	51.54	52.03	52.05
14	48.69	49.05	49.17	49.28	49.56	49.60	50.29	50.57	51.19	51.54	52.04	52.08
15	48.71	48.95	49.14	49.28	49.64	49.52	50.15	50.57	51.21	51.53	52.04	52.12
16	48.72	48.92	49.13	49.28	49.68	49.55	50.07	50.59	51.23	51.54	52.07	52.14
17	48.75	48.90	49.13	49.27	49.67	49.56	50.07	50.63	51.26	51.60	52.07	52.15
18	48.79	48.90	49.11	49.20	49.63	49.61	50.09	50.65	51.30	51.63	52.07	52.15
19	48.80	48.95	49.15	49.16	49.67	49.65	50.12	50.65	51.32	51.65	52.10	52.18
20	48.79	48.92	49.17	49.23	49.76	49.68	50.14	50.68	51.32	51.68	52.13	52.21
21	48.79	48.94	49.21	49.24	49.80	---	50.14	50.72	51.29	51.70	52.19	52.25
22	48.82	48.99	49.23	49.08	49.84	---	50.16	50.75	51.30	51.72	52.20	52.27
23	48.85	48.99	49.19	49.19	49.77	---	50.17	50.78	51.30	51.76	52.20	52.30
24	48.86	48.99	49.07	49.24	49.68	49.71	50.16	50.79	51.28	51.81	52.24	52.33
25	48.85	49.01	49.13	49.17	49.57	49.74	50.19	50.80	51.30	51.84	52.27	52.37
26	48.82	49.00	49.16	49.16	49.63	49.77	50.25	50.82	51.29	51.85	52.29	52.42
27	48.81	49.02	49.17	49.23	49.64	49.79	50.27	50.85	51.31	51.84	52.31	52.46
28	48.87	49.05	49.18	49.27	49.66	49.84	50.25	50.92	51.37	51.83	52.33	52.49
29	48.90	49.04	49.18	49.30	---	49.90	50.27	50.96	51.41	51.84	52.35	52.49
30	48.91	49.02	49.15	49.24	---	49.86	50.25	50.97	51.41	51.88	52.32	52.46
31	48.95	---	49.21	49.27	---	49.88	---	50.99	---	51.91	52.26	---
MEAN	48.8	49.0	49.1	49.2	49.5	---	50.2	50.6	51.2	51.6	52.1	52.2
MAX	48.95	49.05	49.23	49.30	49.84	---	50.29	50.99	51.41	51.91	52.35	52.49
MIN	48.69	48.87	48.97	49.06	49.24	---	50.00	50.28	51.02	51.41	51.91	52.00

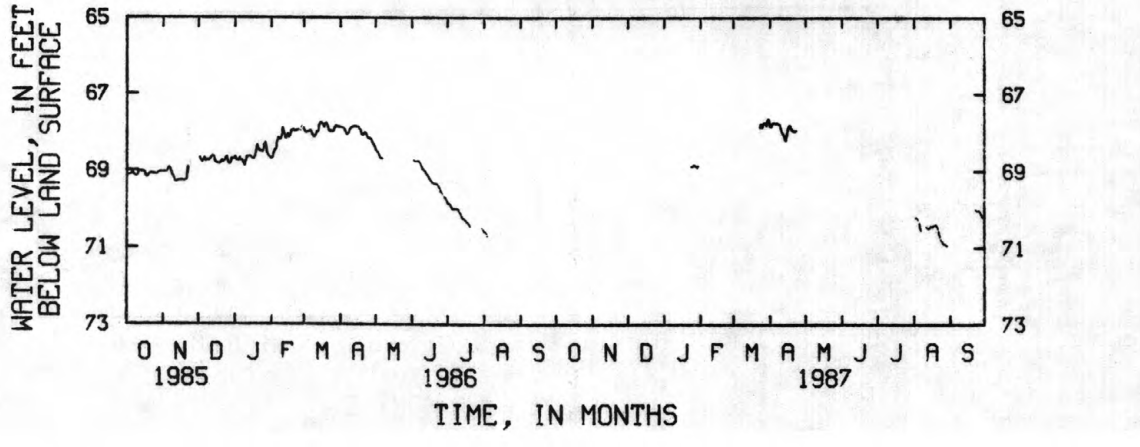


JASPER COUNTY

323111080592000 Local number, JAS-144.
LOCATION.--Lat 32°31'11'', long 80°59'20'', Hydrologic Unit 03050208, 3.5 mi northwest of Ridgeland, 200 ft north of State Road 175, 0.1 mi east of the intersection of State Road 39 and State Road 175 and 1.6 mi west of the intersection of State Road 175 and U.S. Hwy. 17.
Owner Ted Roach
AQUIFER.--Hawthorn Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in, depth 189 ft, cased to 104 ft, open hole from 104 to 189 ft.
INSTRUMENTATION --Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point Top of platform, 1.6 ft above land-surface datum.
REMARKS.--Geophysical logs available in District files.
PERIOD OF RECORD --February 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 64.78 ft below land-surface datum, Apr. 15, 1975 lowest recorded, 70.97 ft below land-surface datum, Aug. 30, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	67.84	---	---	---	70.20	---
2	---	---	---	---	---	---	67.85	---	---	---	70.23	---
3	---	---	---	---	---	---	67.77	---	---	---	70.21	---
4	---	---	---	---	---	---	67.75	---	---	---	70.26	---
5	---	---	---	---	---	---	67.76	---	---	---	70.31	---
6	---	---	---	---	---	---	67.77	---	---	---	70.44	---
7	---	---	---	---	---	---	67.75	---	---	---	70.58	---
8	---	---	---	---	---	---	67.77	---	---	---	---	---
9	---	---	---	---	---	---	67.79	---	---	---	---	---
10	---	---	---	---	---	---	67.89	---	69.37	---	---	---
11	---	---	---	---	---	---	67.99	---	---	---	70.46	---
12	---	---	---	---	---	---	68.04	---	---	---	70.48	---
13	---	---	---	---	---	---	68.11	---	---	---	70.51	---
14	---	---	---	---	---	---	68.22	---	---	---	70.50	---
15	---	---	---	---	---	---	68.06	---	---	---	70.44	---
16	---	---	---	---	---	---	67.90	---	---	---	70.45	---
17	---	---	---	---	---	---	67.82	---	---	---	70.46	---
18	---	---	69.59	---	---	---	67.82	---	---	---	70.42	---
19	---	---	---	---	---	---	67.91	---	---	---	70.41	---
20	---	---	---	---	---	---	67.95	---	---	---	70.41	---
21	70.09	---	---	---	---	---	67.97	---	---	---	70.48	---
22	---	---	---	---	---	---	67.97	---	---	---	70.63	70.00
23	---	---	---	68.82	---	67.92	67.95	---	---	---	70.73	70.04
24	---	---	---	68.89	---	67.78	---	---	---	---	70.83	70.04
25	---	---	---	68.89	---	67.86	---	---	---	---	70.85	70.03
26	---	---	---	68.85	---	67.79	---	---	---	---	70.90	70.06
27	---	---	---	68.86	---	67.75	---	---	---	---	70.92	70.13
28	---	---	---	68.88	---	67.75	---	---	---	---	70.92	70.21
29	---	---	---	68.92	---	67.81	---	---	---	---	70.96	70.20
30	---	---	---	68.88	---	67.67	---	---	---	70.12	70.97	70.13
31	---	---	---	---	---	67.65	---	---	---	70.18	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

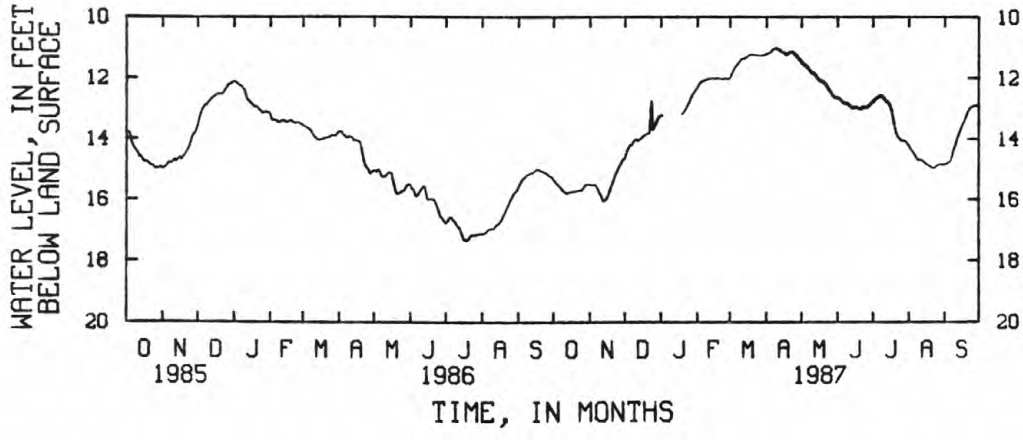


LEE COUNTY

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, Jun. 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.38	15.53	14.65	13.24	12.32	12.00	11.22	11.49	12.66	12.78	14.25	14.85
2	15.42	15.54	14.52	13.23	12.24	11.91	11.20	11.54	12.67	12.74	14.32	14.83
3	15.47	15.54	14.40	---	12.18	11.83	11.19	11.57	12.71	12.72	14.38	14.81
4	15.52	15.54	14.31	---	12.14	11.74	11.17	11.58	12.75	12.68	14.43	14.80
5	15.56	15.54	14.25	---	12.12	11.67	11.13	11.61	12.80	12.65	14.49	14.78
6	15.59	15.55	14.22	---	12.10	11.61	11.08	11.65	12.83	12.62	14.55	14.73
7	15.63	15.62	14.19	---	12.09	11.57	11.05	11.70	12.85	12.60	14.62	14.61
8	15.68	15.72	14.13	---	12.08	11.53	11.03	11.75	12.85	12.59	14.67	14.47
9	15.73	15.82	14.07	---	12.06	11.46	11.03	11.81	12.85	12.60	14.71	14.33
10	15.77	15.84	14.03	---	12.04	11.41	11.03	11.84	12.88	12.65	14.71	14.21
11	15.79	15.98	14.04	---	12.04	11.38	11.06	11.85	12.92	12.70	14.71	14.09
12	15.81	16.06	14.08	---	12.03	11.37	11.09	11.87	12.96	12.75	14.72	13.98
13	15.81	16.06	14.05	---	12.02	11.36	11.11	11.92	13.00	12.78	14.75	13.88
14	15.79	16.04	14.03	---	12.02	11.35	11.14	11.98	13.01	12.81	14.78	13.76
15	15.77	15.99	14.00	---	12.02	11.33	11.17	12.03	12.99	12.86	14.81	13.66
16	15.77	15.92	13.96	---	12.03	11.28	11.19	12.09	12.98	12.93	14.85	13.57
17	15.76	15.83	13.92	---	12.02	11.25	11.21	12.12	12.98	13.08	14.87	13.48
18	15.75	15.71	13.89	---	12.02	11.24	11.23	12.12	13.00	13.27	14.90	13.40
19	15.76	15.60	13.86	13.19	12.02	11.24	11.23	12.13	13.01	13.47	14.92	13.31
20	15.75	15.50	13.84	13.14	12.03	11.24	11.20	12.16	13.03	13.67	14.94	13.22
21	15.73	15.40	13.83	13.09	12.04	11.24	11.17	12.20	13.03	13.82	14.96	13.12
22	15.72	15.29	13.83	13.03	12.05	11.25	11.15	12.25	13.00	13.91	14.98	13.04
23	15.72	15.16	13.39	12.95	12.04	11.25	11.16	12.31	12.98	13.97	14.97	12.99
24	15.72	15.10	12.77	12.87	12.03	11.25	11.18	12.37	12.98	14.01	14.94	12.96
25	15.71	15.02	13.72	12.80	12.02	11.26	11.21	12.43	12.98	14.06	14.90	12.93
26	15.66	14.92	13.64	12.71	12.03	11.26	11.26	12.48	12.97	14.08	14.88	12.92
27	15.60	14.86	13.56	12.63	12.04	11.26	11.31	12.54	12.95	14.08	14.86	12.92
28	15.56	14.80	13.47	12.56	12.03	11.26	11.35	12.60	12.90	14.08	14.85	12.92
29	15.54	14.71	13.39	12.50	---	11.26	11.39	12.64	12.86	14.10	14.85	12.91
30	15.52	14.69	13.30	12.45	---	11.25	11.43	12.66	12.82	14.14	14.86	12.91
31	15.52	---	13.26	12.39	---	11.23	---	12.66	---	14.19	14.86	---
MEAN	15.7	15.5	13.9	---	12.1	11.4	11.2	12.1	12.9	13.3	14.8	13.7
MAX	15.81	16.06	14.65	---	12.32	12.00	11.43	12.66	13.03	14.19	14.98	14.85
MIN	15.38	14.69	12.77	---	12.02	11.23	11.03	11.49	12.66	12.59	14.25	12.91



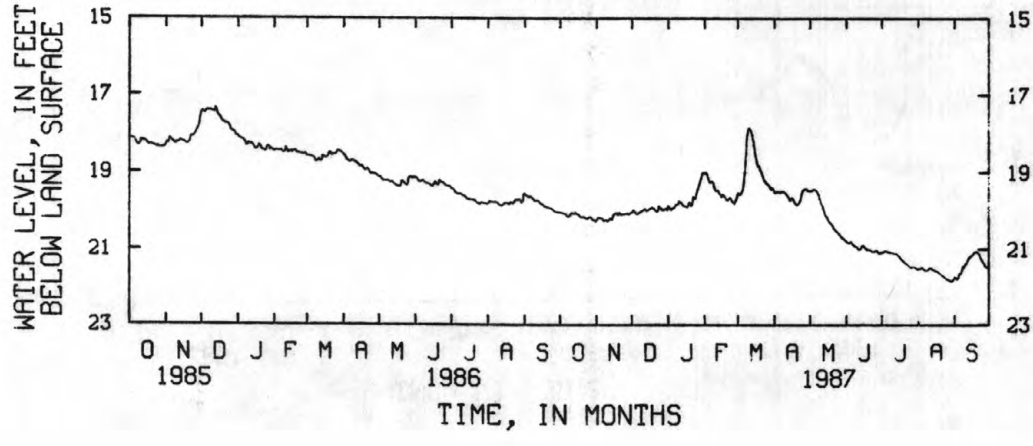
MARION COUNTY

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, 21.85 ft below land-surface datum, Aug. 29, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.05	20.26	20.05	19.88	19.04	19.55	19.53	19.49	20.81	21.10	21.53	21.74
2	20.06	20.20	19.99	19.93	19.01	19.58	19.54	19.49	20.83	21.09	21.52	21.76
3	20.08	20.19	20.02	19.98	19.06	19.58	19.52	19.47	20.85	21.07	21.52	21.78
4	20.08	20.20	20.07	19.96	19.17	19.55	19.51	19.45	20.83	21.05	21.48	21.77
5	20.08	20.20	20.09	19.93	19.26	19.48	19.52	19.45	20.82	21.06	21.51	21.66
6	20.12	20.22	20.09	19.92	19.28	19.30	19.52	19.47	20.87	21.08	21.55	21.64
7	20.16	20.26	20.06	19.86	19.25	18.99	19.51	19.51	20.90	21.09	21.56	21.57
8	20.16	20.26	20.04	19.85	19.28	18.51	19.51	19.58	20.92	21.10	21.58	21.46
9	20.14	20.25	20.02	19.83	19.40	18.04	19.52	19.70	20.94	21.11	21.57	21.48
10	20.08	20.28	20.01	19.76	19.48	17.87	19.55	19.78	20.96	21.11	21.51	21.41
11	20.07	20.26	19.98	19.78	19.49	17.87	19.57	19.86	21.00	21.12	21.51	21.38
12	20.08	20.22	19.95	19.80	19.48	17.93	19.62	19.94	21.01	21.13	21.50	21.32
13	20.07	20.21	20.00	19.85	19.55	18.04	19.67	20.04	21.01	21.12	21.53	21.24
14	20.06	20.24	20.01	19.88	19.58	18.21	19.73	20.13	20.94	21.14	21.56	21.21
15	20.09	20.13	19.98	19.88	19.64	18.40	19.68	20.17	20.91	21.17	21.56	21.19
16	20.10	20.09	19.96	19.90	19.59	18.58	19.67	20.22	20.94	21.19	21.58	21.16
17	20.12	20.08	19.94	19.90	19.61	18.75	19.72	20.28	20.97	21.25	21.60	21.12
18	20.16	20.07	19.91	19.84	19.65	18.85	19.78	20.31	21.01	21.29	21.61	21.08
19	20.18	20.11	19.94	19.79	19.71	18.85	19.83	20.35	21.02	21.31	21.63	21.08
20	20.17	20.07	19.96	19.86	19.73	18.95	19.85	20.39	21.02	21.35	21.66	21.07
21	20.18	20.08	20.00	19.85	19.70	19.02	19.83	20.46	21.03	21.38	21.70	21.11
22	20.19	20.11	20.03	19.65	19.66	19.11	19.79	20.50	21.06	21.40	21.71	21.15
23	20.21	20.10	20.01	19.68	19.69	19.20	19.71	20.53	21.07	21.42	21.72	21.23
24	20.21	20.10	19.89	19.68	19.77	19.25	19.56	20.55	21.08	21.46	21.75	21.29
25	20.20	20.10	19.93	19.55	19.80	19.29	19.47	20.59	21.07	21.48	21.78	21.34
26	20.17	20.08	19.97	19.44	19.83	19.31	19.45	20.63	21.05	21.49	21.80	21.40
27	20.18	20.08	19.98	19.37	19.75	19.34	19.44	20.67	21.05	21.48	21.82	21.45
28	20.23	20.10	19.98	19.25	19.66	19.39	19.43	20.70	21.10	21.46	21.83	21.48
29	20.25	20.09	19.97	19.17	---	19.46	19.48	20.73	21.12	21.47	21.85	21.47
30	20.25	20.06	19.94	19.03	---	19.42	19.48	20.75	21.12	21.51	21.83	21.42
31	20.29	---	19.98	19.02	---	19.44	---	20.78	---	21.53	21.80	---
MEAN	20.1	20.2	20.0	19.7	19.5	18.9	19.6	20.1	21.0	21.3	21.6	21.4
MAX	20.29	20.28	20.09	19.98	19.83	19.58	19.85	20.78	21.12	21.53	21.85	21.78
MIN	20.05	20.06	19.89	19.02	19.01	17.87	19.43	19.45	20.81	21.05	21.48	21.07

CAL YR 1986 MEAN 19.4 HIGH 18.10 LOW 20.29
WTR YR 1987 MEAN 20.3 HIGH 17.87 LOW 21.85



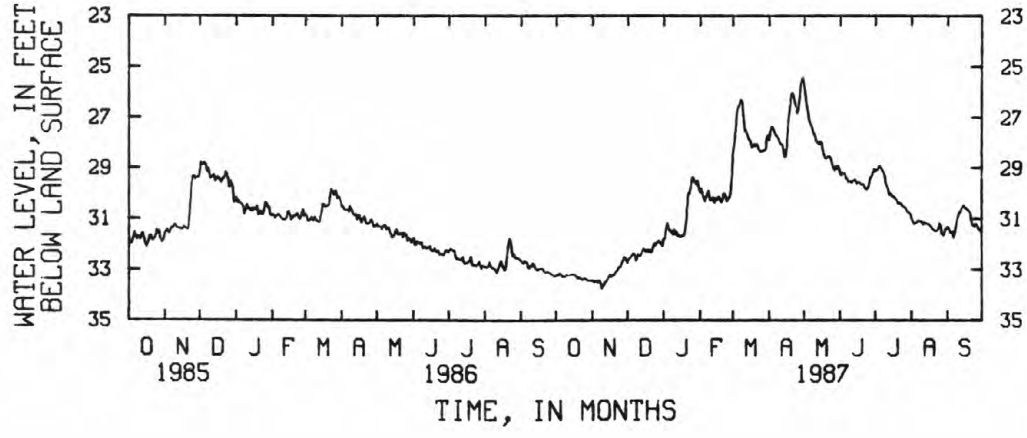
MARLBORO COUNTY

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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.27	33.43	32.74	31.82	29.96	28.43	27.89	25.77	29.25	29.14	30.99	31.34
2	33.20	33.47	32.60	31.78	29.85	28.08	27.55	26.08	29.30	29.08	31.10	31.39
3	33.24	33.52	32.58	31.43	30.01	27.54	27.37	26.49	29.20	29.08	31.21	31.56
4	33.17	33.46	32.50	31.18	30.21	26.94	27.39	26.76	29.23	28.96	31.19	31.57
5	33.18	33.46	32.44	31.32	30.31	26.64	27.52	27.09	29.23	28.93	31.18	31.52
6	33.29	33.53	32.39	31.49	30.17	26.54	27.63	27.21	29.43	29.02	31.13	31.75
7	33.26	33.46	32.40	31.47	30.03	26.43	27.74	27.32	29.41	29.12	31.08	31.53
8	33.29	33.53	32.66	31.58	29.90	26.30	27.80	27.45	29.56	29.18	31.12	31.34
9	33.29	33.77	32.57	31.63	30.20	26.41	27.88	27.66	29.55	29.36	31.11	31.07
10	33.22	33.67	32.43	31.45	30.30	27.01	28.02	27.66	29.55	29.65	31.16	30.89
11	33.23	33.59	32.46	31.63	30.23	27.49	28.06	27.91	29.59	29.74	31.25	30.73
12	33.24	33.49	32.48	31.55	30.19	27.56	28.11	28.01	29.53	29.88	31.16	30.75
13	33.23	33.47	32.42	31.67	30.39	27.65	28.27	27.99	29.47	30.06	31.19	30.62
14	33.21	33.38	32.25	31.68	30.22	27.82	28.57	28.06	29.48	30.03	31.21	30.51
15	33.19	33.28	32.18	31.72	30.27	27.89	28.56	27.98	29.66	30.08	31.22	30.48
16	33.20	33.22	32.26	31.74	30.18	27.96	28.16	28.04	29.58	30.14	31.22	30.58
17	33.26	33.28	32.32	31.67	30.15	28.19	27.44	28.32	29.58	30.14	31.30	30.62
18	33.22	33.24	32.24	31.70	30.25	28.16	26.94	28.48	29.59	30.22	31.35	30.67
19	33.34	33.25	32.32	31.56	30.37	28.07	26.47	28.61	29.68	30.25	31.42	30.72
20	33.37	33.17	32.23	31.19	30.27	28.14	26.08	28.62	29.65	30.38	31.44	30.79
21	33.31	33.11	32.34	30.59	30.03	28.07	26.04	28.57	29.68	30.42	31.50	31.10
22	33.36	33.09	32.34	30.00	30.03	28.11	26.18	28.57	29.81	30.38	31.50	31.29
23	33.40	32.98	32.13	30.03	30.19	28.27	26.43	28.56	29.84	30.42	31.49	31.25
24	33.42	32.91	31.99	29.82	30.31	28.34	26.62	28.67	29.87	30.51	31.41	31.31
25	33.36	32.93	32.07	29.41	30.22	28.36	26.84	28.87	29.77	30.54	31.20	31.23
26	33.35	32.77	31.98	29.40	30.17	28.35	26.70	29.02	29.63	30.57	31.27	31.27
27	33.41	32.67	31.91	29.55	30.01	28.31	26.21	29.11	29.39	30.62	31.59	31.42
28	33.43	32.53	31.88	29.56	29.40	28.31	25.69	28.97	29.33	30.72	31.67	31.44
29	33.45	32.54	31.95	29.66	---	28.26	25.52	29.05	29.21	30.77	31.65	31.52
30	33.45	32.63	32.02	29.53	---	27.79	25.44	28.93	29.06	30.77	31.42	31.50
31	33.46	---	32.10	29.82	---	27.72	---	29.03	---	30.83	31.39	---
MEAN	33.3	33.2	32.3	30.9	30.1	27.7	27.2	28.0	29.5	30.0	31.3	31.1
MAX	33.46	33.77	32.74	31.82	30.39	28.43	28.57	29.11	29.87	30.83	31.67	31.75
MIN	33.17	32.53	31.88	29.40	29.40	26.30	25.44	25.77	29.06	28.93	30.99	30.48

CAL YR 1986 MEAN 32.0 HIGH 29.85 LOW 33.77
WTR YR 1987 MEAN 30.4 HIGH 25.44 LOW 33.77



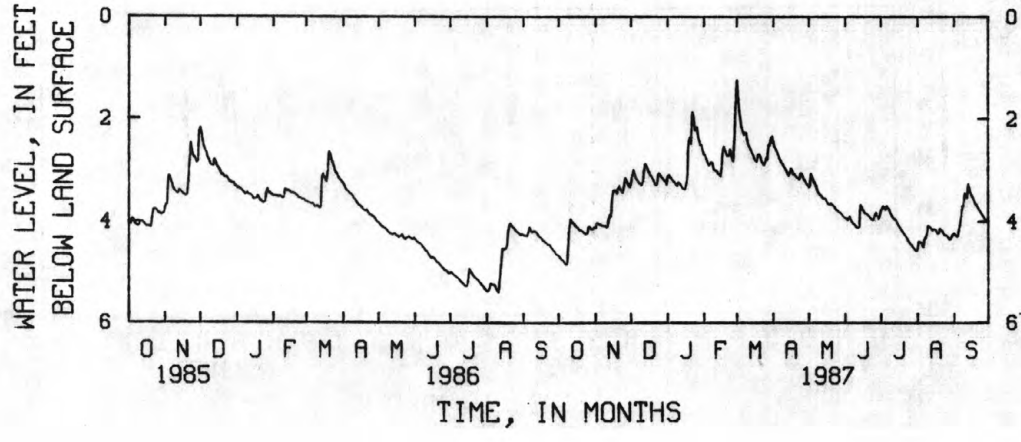
MARLBORO COUNTY

343715079411500. Local number, MLB-112.
LOCATION.--Lat 34°37'15'', long 79°41'15'', Hydrologic Unit 03040201, Marlboro County Recreation Department (Revised) in Bennettsville.
Owner: Town of Bennettsville.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 345 ft, perforated 220-320 ft, screened interval 320-335 ft.
INSTRUMENTATION.--Digital recorder--60 minute punch.
DATUM.--Land-surface datum is 135 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.20 ft above land-surface datum.
REMARKS.--1971 Gamma and Caliper logged to 297 ft.
PERIOD OF RECORD.--January 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 0.85 ft below land-surface datum, Feb. 2, 1973; lowest, 5.40 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.68	4.13	3.26	3.13	2.70	1.25	2.47	3.34	3.95	3.78	4.57	4.24
2	4.71	4.05	3.12	3.10	2.71	1.62	2.55	3.32	3.94	3.76	4.40	4.26
3	4.74	4.05	3.00	3.15	2.79	1.85	2.60	3.08	3.98	3.71	4.41	4.29
4	4.76	4.06	3.09	3.16	2.86	2.03	2.64	3.16	3.95	3.73	4.41	4.30
5	4.78	4.06	3.16	3.20	2.91	2.16	2.71	3.22	3.91	3.77	4.46	4.18
6	4.82	4.08	3.20	3.24	2.90	2.26	2.77	3.26	3.98	3.71	4.51	4.08
7	4.85	4.09	3.23	3.24	2.85	2.32	2.82	3.31	4.02	3.74	4.34	3.90
8	4.84	4.09	3.26	3.29	2.86	2.28	2.86	3.38	4.05	3.77	4.31	3.71
9	4.45	4.09	3.28	3.31	2.97	2.28	2.89	3.44	4.07	3.83	4.25	3.70
10	4.10	4.12	3.30	3.25	3.01	2.43	2.94	3.47	4.10	3.88	4.09	3.45
11	3.96	4.11	3.23	3.27	3.02	2.53	2.97	3.50	4.12	3.92	4.10	3.53
12	4.01	3.97	3.01	3.29	3.02	2.57	3.02	3.52	4.13	3.95	4.12	3.55
13	4.03	3.88	2.89	3.35	3.08	2.62	3.08	3.56	4.12	3.96	4.16	3.27
14	4.05	3.91	2.94	3.37	3.09	2.68	3.12	3.55	3.68	3.99	4.18	3.37
15	4.09	3.56	2.99	3.37	3.13	2.71	3.05	3.56	3.73	4.04	4.16	3.45
16	4.11	3.40	3.05	3.38	2.96	2.78	2.98	3.60	3.77	4.08	4.16	3.51
17	4.13	3.41	3.10	3.26	2.61	2.83	3.02	3.64	3.82	4.12	4.19	3.55
18	4.16	3.40	3.12	3.11	2.55	2.84	3.09	3.67	3.85	4.15	4.24	3.60
19	4.18	3.46	3.18	2.43	2.62	2.71	3.09	3.68	3.85	4.19	4.23	3.66
20	4.18	3.37	3.21	2.37	2.69	2.70	3.13	3.65	3.87	4.22	4.14	3.68
21	4.20	3.31	3.27	2.50	2.73	2.75	3.15	3.68	3.89	4.26	4.17	3.73
22	4.22	3.38	3.30	1.87	2.73	2.83	3.17	3.70	3.93	4.29	4.19	3.77
23	4.24	3.42	3.29	1.97	2.61	2.88	3.19	3.73	3.95	4.33	4.24	3.81
24	4.25	3.45	3.09	2.20	2.71	2.91	3.08	3.76	3.98	4.38	4.27	3.84
25	4.23	3.32	3.07	2.23	2.77	2.85	3.07	3.79	3.97	4.41	4.27	3.88
26	4.11	3.16	3.12	2.18	2.83	2.77	3.14	3.81	3.88	4.44	4.29	3.92
27	4.11	3.22	3.15	2.35	2.40	2.80	3.19	3.82	3.83	4.47	4.32	3.95
28	4.15	3.27	3.18	2.44	1.67	2.51	3.22	3.84	3.90	4.50	4.36	3.98
29	4.16	3.31	3.21	2.52	---	2.52	3.27	3.87	3.95	4.53	4.36	3.99
30	4.15	3.35	3.23	2.52	---	2.40	3.29	3.90	3.92	4.56	4.30	3.95
31	4.12	---	3.29	2.63	---	2.35	---	3.92	---	4.58	4.26	---
MEAN	4.31	3.68	3.16	2.86	2.78	2.48	2.99	3.57	3.94	4.10	4.27	3.80
MAX	4.85	4.13	3.30	3.38	3.13	2.91	3.29	3.92	4.13	4.58	4.57	4.30
MIN	3.96	3.16	2.89	1.87	1.67	1.25	2.47	3.08	3.68	3.71	4.09	3.27

CAL YR 1986 MEAN 4.03 HIGH 2.65 LOW 5.40
WTR YR 1987 MEAN 3.50 HIGH 1.25 LOW 4.85

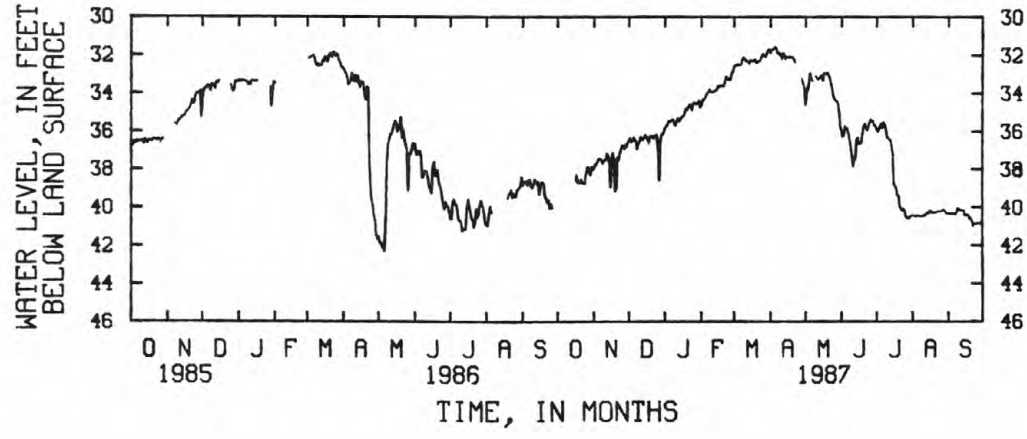


ORANGEBURG COUNTY

332649081072500. Local number, ORG-95.
LOCATION.--Lat 33°26'49'', long 81°07'25'', Hydrologic Unit 03050204, 40 ft east on First Street (SC-38-628) and 70 ft north of Saxton Street (SC-38-213) in Norway.
Owner: Town of Norway.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in, depth 250 ft, screened intervals 173-193, 200-220, 228-238 ft, gravel finish.
INSTRUMENTATION.--Digital recorder--60 minute punch. Data collection platform installed April 1987.
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 (lowest may have been exceeded during period of missing record).

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUE

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	37.97	36.55	35.84	34.63	32.60	31.85	34.63	35.95	35.89	40.47	40.34
2	---	37.77	36.37	35.76	34.36	32.55	31.74	33.79	36.31	36.04	40.47	40.36
3	---	37.77	36.58	35.68	34.34	32.52	31.69	33.85	36.22	35.97	40.47	40.35
4	---	37.61	36.53	35.50	34.28	32.50	31.69	33.45	35.77	35.79	40.50	40.32
5	---	37.48	36.36	35.45	34.12	32.49	31.59	32.97	35.79	35.62	40.46	40.36
6	---	37.47	36.47	35.47	34.01	32.53	31.66	33.26	35.90	35.84	40.46	40.34
7	---	37.51	36.52	35.40	33.94	32.46	31.86	33.33	36.12	35.56	40.47	40.38
8	---	37.70	36.96	35.40	33.81	32.20	31.94	---	36.44	35.69	40.51	40.29
9	---	37.64	36.72	35.64	33.92	32.09	31.88	---	36.74	35.90	40.50	40.08
10	---	37.53	36.60	35.70	33.93	32.18	32.03	33.12	37.30	36.35	40.47	40.15
11	---	37.54	36.32	35.46	33.94	32.31	32.18	33.26	37.89	36.38	40.44	40.18
12	---	37.19	36.40	35.32	33.88	32.29	31.91	33.27	37.44	36.44	40.46	40.17
13	---	37.32	36.47	35.46	33.87	32.36	32.01	33.22	37.48	36.51	40.36	40.17
14	---	37.62	36.39	35.39	33.83	32.45	32.18	33.11	36.48	36.79	40.28	40.17
15	---	38.96	36.20	35.28	33.64	32.27	32.08	33.08	36.36	37.27	40.35	40.45
16	38.60	37.38	36.31	35.22	33.67	32.28	32.09	33.34	36.69	38.83	40.20	40.43
17	38.32	37.17	36.45	35.20	33.59	32.34	32.09	32.96	36.66	38.89	40.25	40.41
18	38.73	37.56	36.61	34.95	33.60	32.29	32.06	32.98	36.63	39.04	40.25	40.42
19	38.67	39.20	36.26	34.80	33.61	32.22	32.11	32 98	36.17	39.39	40.32	40.63
20	38.74	39.05	36.27	34.87	33.65	32.40	32.08	32.94	35.80	39.43	40.31	40.59
21	38.56	37.39	36.26	34.72	33.44	32.39	32.22	33.09	35.61	40.00	40.29	40.73
22	38.70	37.50	36.39	34.58	33.15	32.31	32.37	33.23	35.78	40.10	40.28	41.00
23	38.78	37.12	36.26	34.71	33.21	32.29	---	33.52	35.97	40.21	40.24	40.88
24	38.75	36.98	36.23	34.88	33.28	32.14	---	33.79	35.79	40.13	40.25	40.85
25	38.30	36.78	36.19	34.54	33.25	31.97	---	34.16	35.58	40.20	40.25	40.88
26	37.94	36.80	36.95	34.49	33.29	31.94	---	34.33	35.39	40.53	40.23	40.83
27	37.91	36.95	38.63	34.56	32.93	32.02	---	34.40	35.49	40.55	40.15	40.83
28	38.24	36.72	36.55	34.56	32.91	32.07	33.23	34.43	35.47	40.63	40.16	40.88
29	38.31	36.85	36.23	34.51	---	31.89	33.47	34.58	35.69	40.59	40.20	40.82
30	37.90	36.59	36.16	34.37	---	31.74	33.73	35.04	35.71	40.50	40.33	40.78
31	38.02	---	36.06	34.75	---	31.70	---	35.79	---	40.48	40.34	---
MEAN	---	37.5	36.5	35.1	33.7	32.3	---	---	36.2	38.1	40.3	40.5
MAX	---	39.20	38.63	35.84	34.63	32.60	---	---	37.89	40.63	40.51	41.00
MIN	---	36.59	36.06	34.37	32.91	31.70	---	---	35.39	35.56	40.15	40.08

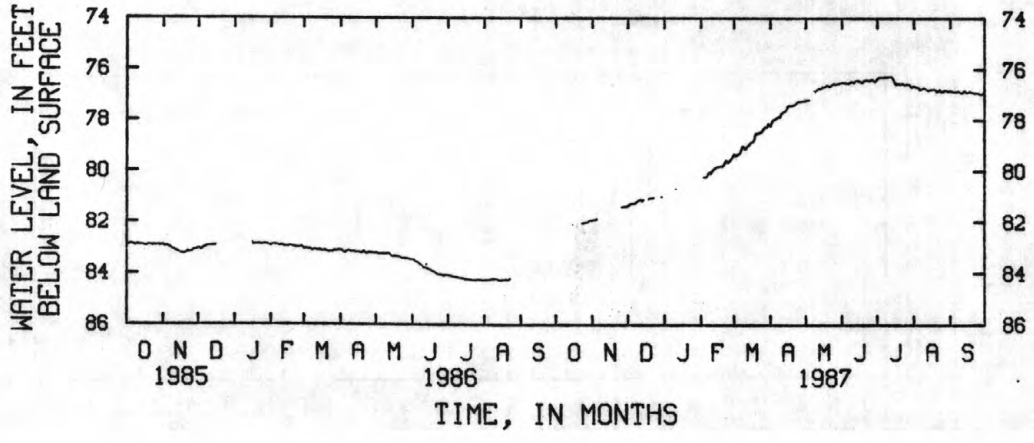


RICHLAND COUNTY

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.--Digital recorder--60 minute punch. Data collection platform installed March, 1987.
DATUM.--Land-surface datum is 390 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.37 ft above land-surface datum.
REMARKS.--Water-quality data available in District files.
PERIOD OF RECORD.--1942-52, 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 76.03 ft below land-surface datum, Oct. 17, 1975; lowest, 95.29 ft below land-surface datum, Apr. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	81.94	81.38	---	---	79.33	78.22	77.22	76.50	76.35	76.66	76.84
2	---	81.93	81.34	---	80.27	79.41	78.09	77.21	76.51	76.32	76.68	76.86
3	---	81.93	81.29	---	80.24	79.38	78.01	77.21	76.51	76.32	76.70	76.88
4	---	81.92	81.30	---	80.27	79.36	77.98	77.21	76.53	76.30	76.70	76.89
5	---	81.89	81.29	---	80.25	79.34	77.95	---	76.53	76.31	76.71	76.88
6	---	---	81.29	---	80.22	79.29	77.93	---	76.54	76.32	76.78	76.89
7	---	---	81.28	---	80.12	79.19	77.89	76.82	76.53	76.29	76.79	76.85
8	---	---	81.25	---	80.06	79.06	77.84	76.83	76.51	76.29	76.77	76.86
9	---	---	81.20	80.73	80.11	79.03	77.88	76.88	76.47	76.30	76.74	76.91
10	---	---	81.17	80.70	80.05	79.12	77.76	76.81	76.48	76.28	76.72	76.93
11	---	---	81.16	80.71	79.97	79.11	77.70	76.76	76.52	76.28	76.76	76.93
12	---	---	81.14	---	79.91	79.03	77.67	76.74	76.47	76.28	76.80	76.87
13	---	---	81.19	---	79.88	79.00	77.64	76.76	76.43	76.28	76.83	76.83
14	---	---	81.15	---	79.85	78.95	77.62	76.74	76.42	76.33	76.83	76.87
15	82.11	---	---	---	79.84	78.90	77.48	76.69	76.46	76.42	76.79	76.91
16	---	---	---	---	79.83	78.86	77.44	76.69	76.45	76.53	76.79	76.90
17	---	---	---	---	79.82	78.85	77.41	76.69	76.49	76.59	76.78	76.88
18	---	---	81.11	---	79.81	78.76	77.42	76.64	76.52	76.57	76.77	76.86
19	---	---	81.09	---	79.82	78.56	77.43	76.62	76.49	76.55	76.78	76.90
20	---	---	81.08	---	79.78	78.54	77.41	76.63	76.43	76.58	76.85	76.90
21	82.09	---	81.08	---	79.68	78.51	77.40	76.68	76.41	76.58	76.87	76.94
22	82.08	---	81.08	---	79.59	78.50	77.38	76.65	76.43	76.55	76.82	76.94
23	82.06	---	81.06	---	79.64	78.49	77.33	76.61	76.42	76.56	76.78	76.93
24	82.06	---	---	---	79.66	78.47	77.27	76.57	76.43	76.61	76.87	76.92
25	82.05	81.43	---	---	79.60	78.41	77.26	76.56	76.43	76.61	76.87	76.94
26	82.03	81.42	---	---	79.56	78.35	77.27	76.57	76.40	76.58	76.86	76.97
27	82.02	81.42	---	---	79.49	78.29	77.25	76.58	76.40	76.58	76.83	76.98
28	82.01	81.42	---	---	79.41	78.28	77.24	76.56	76.45	76.59	76.82	76.98
29	81.98	81.41	81.03	---	---	78.28	77.24	76.54	76.47	76.65	76.83	76.90
30	81.95	81.39	81.02	---	---	78.13	77.23	76.52	76.42	76.69	76.88	76.82
31	81.95	---	---	---	---	78.16	---	76.51	---	76.68	76.85	---
MEAN	---	---	---	---	---	78.8	77.6	---	76.5	76.5	76.8	76.9
MAX	---	---	---	---	---	79.41	78.22	---	76.54	76.69	76.88	76.98
MIN	---	---	---	---	---	78.13	77.23	---	76.40	76.28	76.66	76.82

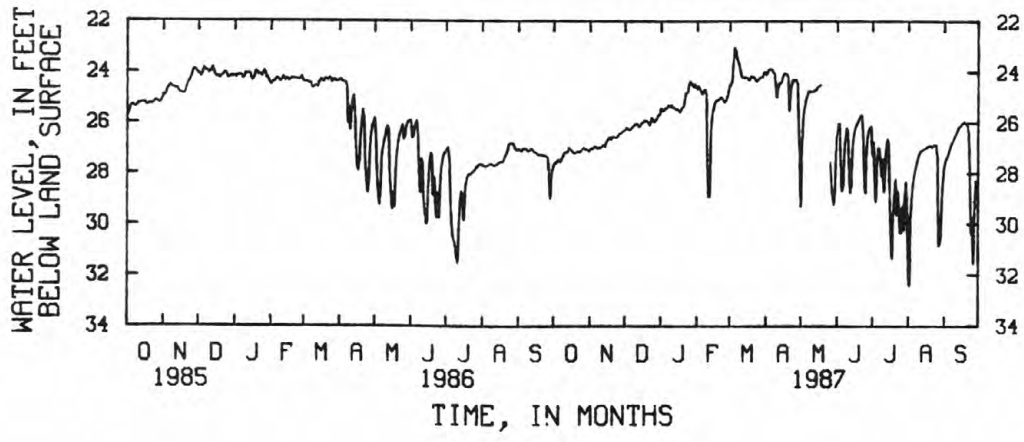


RICHLAND COUNTY

334944080380100. Local number, RIC-63.
LOCATION.--Lat 33°49'44'', long 80°38'01'', Hydrologic Unit 03050110, Hercules Plant, 3,600 ft east of Hwy. 601, near Wateree.
Owner: Hercules, Inc.
AQUIFER.--Middendorf Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 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.--Digital recorder--60 minute punch. Data collection platform installed May 1987.
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 Jul. 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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.71	27.08	26.31	25.46	24.68	24.51	24.10	29.33	26.39	27.32	32.14	27.72
2	27.62	27.03	26.20	25.49	24.59	24.52	24.03	27.04	26.06	26.79	32.43	27.51
3	27.60	27.03	26.21	25.55	24.65	24.38	23.92	25.89	26.04	28.29	29.91	27.39
4	27.53	27.00	26.28	25.47	24.77	23.60	23.89	25.42	27.79	29.15	28.95	27.30
5	27.47	26.92	26.28	25.43	24.87	23.05	23.89	25.17	28.74	27.85	28.42	27.13
6	27.53	26.95	26.24	25.42	24.84	23.17	23.91	24.98	28.48	26.99	28.11	27.00
7	27.55	27.01	26.19	25.32	24.73	23.44	24.02	24.83	27.12	27.04	27.84	26.84
8	27.42	27.01	26.15	25.35	24.70	23.58	24.04	24.77	26.64	27.48	27.65	26.77
9	27.32	26.96	26.10	25.39	24.91	23.71	24.51	24.80	26.25	28.13	27.46	26.65
10	27.18	27.01	26.06	25.31	28.10	23.98	25.00	24.77	26.33	27.47	27.29	26.53
11	27.20	26.95	26.05	25.39	28.94	24.18	24.71	24.79	27.80	28.76	27.18	26.45
12	27.18	26.87	26.05	25.42	28.94	24.22	24.46	24.77	28.81	27.59	27.11	26.34
13	27.12	26.88	26.16	25.46	26.38	24.21	24.46	24.72	28.50	26.95	27.09	26.22
14	27.01	26.93	26.15	25.49	25.74	24.23	24.43	24.71	27.02	26.67	27.06	26.17
15	27.03	26.77	26.04	25.47	25.50	24.22	24.22	24.61	26.55	26.85	27.03	26.12
16	27.10	26.69	26.00	25.54	25.26	24.23	24.10	24.57	26.29	28.81	27.00	26.06
17	27.15	26.61	25.98	25.62	25.17	24.33	24.05	24.55	26.14	30.77	26.97	26.01
18	27.20	26.57	25.91	25.54	25.13	24.31	24.07	24.52	26.03	31.36	26.95	25.97
19	27.21	26.66	25.94	25.42	25.13	24.18	24.12	---	25.94	29.54	26.91	26.00
20	27.17	26.57	25.93	25.40	25.10	24.20	24.23	---	25.84	28.86	26.90	26.04
21	27.14	26.55	26.02	25.25	25.03	24.18	25.53	---	25.74	28.25	26.97	26.13
22	27.15	26.56	26.10	24.87	25.03	24.23	24.77	---	25.73	29.67	26.93	26.39
23	27.16	26.58	25.98	24.84	25.09	24.34	24.48	---	26.35	28.73	26.87	28.17
24	27.13	26.59	25.81	24.80	25.20	24.38	24.32	---	28.25	29.63	26.89	30.40
25	27.07	26.53	25.88	24.52	25.20	24.31	24.32	---	28.81	30.37	26.88	29.75
26	27.00	26.44	25.96	24.38	25.13	24.27	24.34	27.59	27.20	30.36	27.40	31.57
27	27.00	26.42	25.95	24.46	24.96	24.22	24.31	28.38	26.54	29.32	30.86	29.55
28	27.07	26.41	25.86	24.52	24.74	24.20	24.49	28.91	26.32	30.27	30.79	28.33
29	27.05	26.35	25.78	24.60	---	24.22	26.04	29.25	26.22	28.89	30.47	---
30	27.06	26.32	25.69	24.50	---	24.02	27.21	28.69	26.16	28.39	28.97	---
31	27.14	---	25.70	24.60	---	24.00	---	27.01	---	29.66	28.17	---
MEAN	27.2	26.7	26.0	25.2	25.4	24.1	24.5	---	26.9	28.6	28.1	---
MAX	27.71	27.08	26.31	25.62	28.94	24.52	27.21	---	28.81	31.36	32.43	---
MIN	27.00	26.32	25.69	24.38	24.59	23.05	23.89	---	25.73	26.67	26.87	---

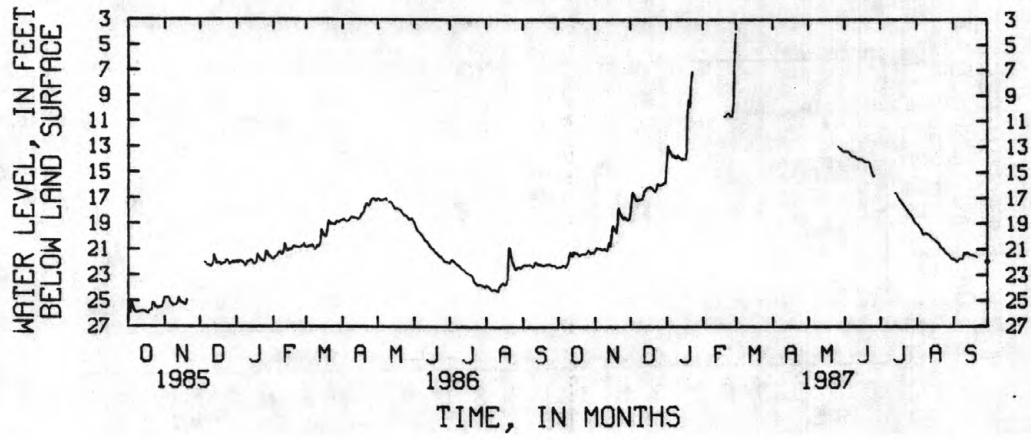


RICHLAND COUNTY

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.--Digital recorder--60 minute punch. Data collection platform installed May 1987.
DATUM.--Land-surface datum is 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.
REMARKS.--Water-level affected by nearby pumping.
PERIOD OF RECORD.--1972 to June 1975, September 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.39	21.10	18.25	14.41	---	4.11	---	---	13.42	---	19.07	21.74
2	22.36	20.88	17.37	12.94	---	---	---	---	13.42	---	19.16	21.84
3	22.37	20.89	16.58	13.28	---	---	---	---	13.43	---	19.31	21.93
4	22.34	20.93	16.78	13.40	---	---	---	---	13.42	---	19.42	22.04
5	22.23	20.90	17.00	13.56	---	---	---	---	13.52	---	19.58	21.89
6	22.29	20.96	17.19	13.74	---	---	---	---	13.65	---	19.80	21.79
7	22.40	21.05	17.20	13.66	---	---	---	---	13.73	---	19.83	21.79
8	22.25	21.01	17.17	13.82	---	---	---	---	13.77	---	19.81	21.79
9	22.04	20.92	17.15	13.87	---	---	---	---	13.77	---	19.81	21.77
10	21.53	21.08	17.13	13.66	---	---	---	---	13.81	---	19.83	21.30
11	21.25	21.12	17.09	13.78	---	---	---	---	13.95	---	19.86	21.31
12	21.45	20.78	16.81	13.83	---	---	---	---	13.99	---	19.95	21.36
13	21.51	20.49	16.44	13.95	---	---	---	---	13.99	16.62	20.07	21.29
14	21.21	20.72	16.36	14.01	---	---	---	---	13.98	16.64	20.15	21.34
15	21.26	19.85	16.22	13.94	---	---	---	---	14.00	16.77	20.20	21.44
16	21.28	19.22	16.20	13.97	---	---	---	---	14.03	16.98	20.30	21.47
17	21.30	19.37	16.18	13.97	---	---	---	---	14.12	17.14	20.36	21.49
18	21.45	19.47	16.11	13.48	---	---	---	---	14.21	17.25	20.45	21.48
19	21.52	19.71	16.23	10.11	10.61	---	---	---	14.21	17.35	20.53	21.53
20	21.40	19.08	16.26	9.34	10.63	---	---	---	14.22	17.49	20.66	21.57
21	21.36	17.78	16.42	9.84	10.50	---	---	---	14.23	17.64	20.84	21.64
22	21.36	18.12	16.51	7.93	10.39	---	---	---	14.28	17.73	20.92	---
23	21.36	18.35	16.34	7.14	10.37	---	---	---	14.62	17.86	20.97	---
24	21.38	18.48	15.91	---	10.60	---	---	---	15.03	18.01	21.12	---
25	21.27	18.61	15.94	---	10.59	---	---	---	15.26	18.17	21.23	---
26	21.06	18.53	16.01	---	10.63	---	---	12.98	15.32	18.26	21.33	---
27	21.13	18.60	16.00	---	9.60	---	---	13.06	---	18.37	21.41	---
28	21.30	18.73	15.96	---	6.10	---	---	13.16	---	18.50	21.50	---
29	21.28	18.73	15.90	---	---	---	---	13.24	---	18.68	21.61	---
30	21.19	18.65	15.74	---	---	---	---	13.33	---	18.87	21.74	21.96
31	21.29	---	15.84	---	---	---	---	13.41	---	18.98	21.80	---
MEAN	21.6	19.8	16.5	---	---	---	---	---	---	---	20.4	---
MAX	22.40	21.12	18.25	---	---	---	---	---	---	---	21.80	---
MIN	21.06	17.78	15.74	---	---	---	---	---	---	---	19.07	---

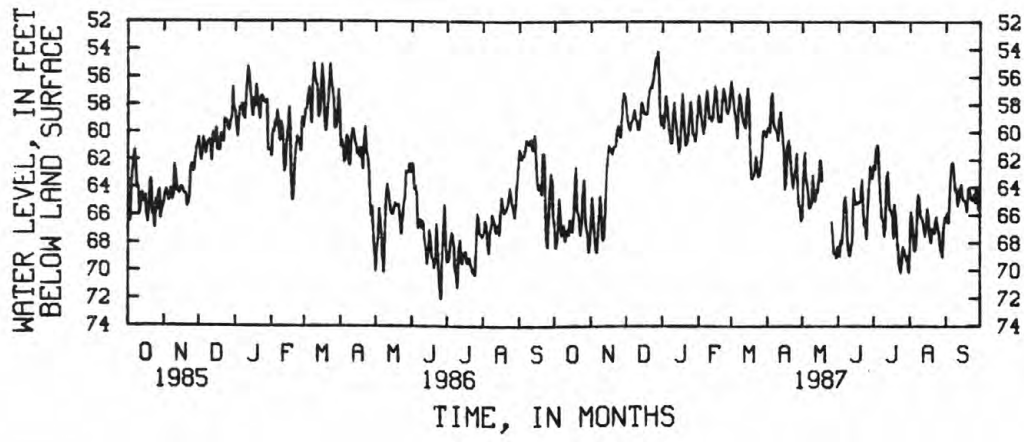


SUMTER COUNTY

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.--Digital recorder--60 minute punch. Data collection platform installed May 1987.
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.
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, Jun. 28, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

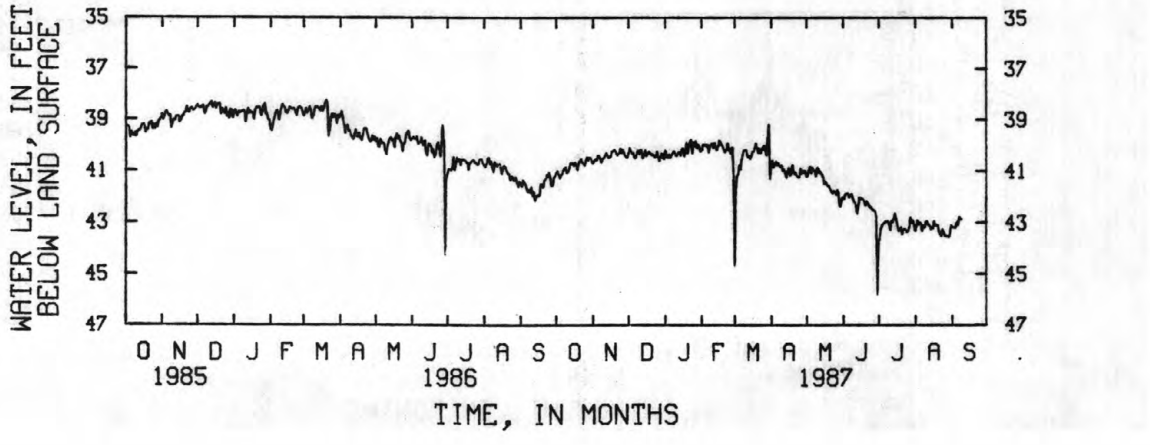
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66.77	66.08	58.42	58.82	57.30	56.34	59.72	66.25	68.30	62.45	68.43	66.46
2	68.40	64.75	59.08	59.72	57.93	57.15	59.72	62.89	69.01	62.69	65.76	65.88
3	68.03	65.96	59.57	58.60	58.85	58.09	60.00	61.50	67.86	61.12	66.20	66.55
4	67.08	67.50	59.89	57.37	59.52	58.74	57.46	63.60	68.08	60.94	67.58	65.28
5	64.86	68.42	59.30	58.16	60.12	59.20	57.15	63.57	67.14	60.94	68.62	63.08
6	66.16	68.74	59.17	59.23	59.45	60.43	59.37	64.34	64.89	63.69	68.48	62.24
7	67.49	67.44	58.82	60.09	57.70	58.09	59.66	65.52	64.67	65.04	67.10	62.19
8	67.36	66.04	58.41	60.78	56.99	57.24	59.82	65.49	65.84	66.24	64.51	63.29
9	66.79	64.65	59.08	60.80	57.82	57.70	60.03	65.10	68.05	66.42	64.71	64.31
10	67.89	66.30	59.18	58.63	58.98	58.82	60.60	63.13	68.89	67.57	65.95	64.19
11	67.41	67.87	59.81	57.88	58.89	59.15	59.07	64.48	68.98	66.87	66.19	65.39
12	67.14	67.58	59.80	59.06	59.17	59.50	58.55	65.01	68.25	63.23	66.36	65.00
13	67.43	65.91	58.98	59.93	58.90	59.71	59.30	64.21	68.02	62.86	66.89	64.08
14	66.37	63.44	57.84	60.63	57.77	57.52	60.37	64.37	64.05	64.79	67.56	63.79
15	66.67	61.94	57.99	61.49	56.68	56.81	61.40	63.48	64.90	65.64	66.75	64.73
16	67.23	61.00	58.62	61.08	57.15	57.62	64.16	62.03	65.26	65.73	65.57	64.91
17	66.12	61.18	58.63	59.29	58.48	60.91	63.71	62.10	65.12	66.07	66.04	64.99
18	64.48	61.41	58.71	57.22	59.26	63.29	61.04	63.56	65.19	67.70	67.55	65.26
19	62.51	61.60	58.59	58.73	58.90	63.43	60.60	---	65.05	65.26	68.01	65.77
20	65.63	61.16	57.51	60.12	59.22	63.20	61.07	---	65.02	66.24	66.99	64.11
21	65.91	61.04	56.98	60.96	57.67	62.87	62.26	---	63.46	67.68	67.12	64.16
22	66.36	61.02	56.68	60.80	56.81	61.81	63.19	---	64.93	68.51	67.28	64.77
23	67.52	59.84	56.79	60.24	57.14	62.19	64.09	---	66.74	69.66	66.54	64.93
24	66.56	59.57	56.19	58.62	57.92	63.23	63.21	---	66.76	70.19	66.17	64.96
25	64.12	60.13	55.61	57.81	58.63	63.19	62.81	---	67.74	69.45	66.97	64.52
26	63.51	60.37	54.71	58.60	58.64	62.65	61.54	66.53	66.03	68.29	67.32	65.12
27	65.90	59.07	54.60	60.03	58.21	61.83	64.14	67.47	64.13	68.53	68.30	63.97
28	67.01	57.59	54.18	60.24	56.74	59.91	65.38	68.79	62.45	68.96	68.64	65.12
29	67.32	57.18	55.80	60.67	---	59.91	65.33	68.83	63.12	69.29	69.04	65.66
30	68.75	57.40	58.99	60.02	---	60.12	66.44	69.11	63.37	69.00	66.93	64.86
31	68.13	---	59.51	58.76	---	60.32	---	68.36	---	70.24	66.17	---
MEAN	66.5	63.1	58.0	59.5	58.2	60.0	61.4	---	66.0	66.2	67.0	64.7
MAX	68.75	68.74	59.89	61.49	60.12	63.43	66.44	---	69.01	70.24	69.04	66.55
MIN	62.51	57.18	54.18	57.22	56.68	56.34	57.15	---	62.45	60.94	64.51	62.19



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, 46.19 ft below land-surface datum, Mar. 12, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.09	40.72	40.34	40.21	40.19	44.74	40.82	41.24	42.04	43.71	43.32	43.17
2	41.02	40.63	40.14	40.47	40.03	41.79	40.63	41.23	42.09	43.66	43.15	43.19
3	41.15	40.56	40.26	40.50	40.00	41.22	40.87	41.02	41.93	43.28	42.93	43.19
4	41.30	40.60	40.35	40.39	40.01	41.16	40.79	40.85	41.89	43.12	43.08	43.21
5	41.18	40.42	40.32	40.51	40.06	40.80	40.67	41.09	41.88	43.07	43.01	43.00
6	41.14	40.42	40.52	40.42	40.01	40.95	40.79	40.90	42.03	43.03	43.05	43.09
7	40.98	40.51	40.52	40.35	40.30	40.57	40.73	41.01	42.00	42.97	43.34	42.79
8	40.91	40.68	40.33	40.25	40.03	40.37	40.81	41.00	41.92	42.98	43.12	42.84
9	40.88	40.55	40.23	40.30	40.03	40.22	40.87	41.23	42.00	42.95	43.19	42.89
10	41.09	40.53	40.37	40.43	39.95	40.21	40.81	40.91	42.20	43.06	42.98	---
11	41.05	40.42	40.21	40.43	40.11	40.21	41.02	40.93	42.25	43.30	42.95	---
12	40.91	40.32	40.21	40.31	39.95	40.47	40.97	41.09	42.38	42.95	43.09	---
13	40.71	40.39	40.54	40.29	40.10	40.44	41.12	41.07	42.69	42.99	43.09	---
14	40.74	40.50	40.38	40.42	40.20	40.55	41.27	41.16	42.31	42.85	43.26	---
15	40.70	40.49	40.21	40.17	40.05	40.46	41.04	41.30	42.06	42.66	43.18	---
16	40.82	40.44	40.43	40.13	39.85	40.29	40.91	41.53	42.10	42.88	43.24	---
17	40.69	40.25	40.36	40.46	39.90	40.25	41.19	41.45	42.09	43.09	42.96	---
18	40.79	40.24	40.27	40.27	40.01	40.14	41.18	41.53	42.10	43.34	43.11	---
19	40.97	40.19	40.30	39.91	40.10	39.95	40.79	41.59	42.20	43.31	43.13	---
20	40.68	40.24	40.40	40.32	40.21	40.15	41.06	41.61	42.36	43.19	43.11	---
21	40.61	40.36	40.36	40.08	40.29	40.31	41.15	41.71	42.21	43.46	43.33	---
22	40.54	40.40	40.41	39.92	40.20	40.16	41.09	41.83	42.26	43.30	43.47	---
23	40.68	40.33	40.50	39.82	39.94	40.32	41.23	41.90	42.36	43.28	43.53	---
24	40.73	40.16	40.45	40.35	40.22	40.20	41.28	41.81	42.45	43.28	43.27	---
25	40.80	40.32	40.26	39.92	40.18	40.07	41.27	41.82	42.44	43.37	43.37	---
26	40.60	40.20	40.48	40.06	40.34	40.04	40.93	41.93	42.53	43.35	43.53	---
27	40.49	40.31	40.63	39.88	40.10	40.24	41.12	41.77	42.54	43.20	43.52	---
28	40.59	40.42	40.50	40.12	41.02	40.40	41.00	41.85	42.58	42.82	43.54	---
29	40.51	40.50	40.34	40.02	---	39.72	41.09	42.38	42.76	43.02	43.55	---
30	40.51	40.52	40.50	40.07	---	39.22	41.02	42.40	45.83	42.94	43.53	---
31	40.65	---	40.55	40.26	---	41.36	---	42.09	---	43.10	43.12	---
MEAN	40.8	40.4	40.4	40.2	40.1	40.5	41.0	41.5	42.3	43.1	43.2	---
MAX	41.30	40.72	40.63	40.51	41.02	44.74	41.28	42.40	45.83	43.71	43.55	---
MIN	40.49	40.16	40.14	39.82	39.85	39.22	40.63	40.85	41.88	42.66	42.93	---



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 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.93	22.22	21.76	21.28	21.57	20.84	21.05	20.69	28.24	23.08	25.72	25.28
2	23.02	22.10	21.65	21.24	21.64	20.89	21.03	20.64	28.08	23.29	25.52	25.12
3	23.10	22.05	21.63	21.31	21.76	20.95	20.96	20.64	27.72	23.51	25.41	24.88
4	23.18	22.00	21.72	21.34	21.84	20.99	20.91	20.58	27.25	23.62	25.30	24.60
5	23.24	21.93	21.81	21.40	21.90	21.04	20.94	20.55	26.72	23.69	25.31	24.33
6	23.45	21.95	21.93	21.48	21.83	21.06	20.98	20.47	26.13	23.62	25.33	24.11
7	23.66	21.97	21.95	21.47	21.73	21.01	20.98	20.36	25.53	23.63	25.33	23.84
8	23.77	21.92	21.93	21.52	21.68	20.88	20.99	20.35	25.08	23.70	25.20	---
9	23.75	21.85	21.85	21.48	21.77	20.80	21.00	20.50	24.75	23.60	24.86	---
10	23.68	21.87	21.81	21.47	21.80	20.89	21.07	20.75	24.51	23.43	24.54	---
11	23.64	21.84	21.79	21.61	21.83	20.93	21.15	21.03	24.38	23.45	24.25	---
12	23.50	21.79	21.69	21.69	21.78	20.88	21.21	21.40	24.26	23.52	24.02	---
13	23.31	21.79	21.73	21.76	21.85	20.90	21.31	21.74	24.16	23.72	23.79	---
14	23.09	21.77	21.67	21.82	21.91	21.00	21.39	21.94	24.12	23.86	23.65	---
15	23.04	21.57	21.59	21.86	21.98	21.05	21.29	22.09	24.10	23.91	23.50	---
16	22.94	21.46	21.54	21.88	21.93	21.10	21.05	22.18	24.10	23.81	23.38	---
17	22.88	21.46	21.43	21.86	21.90	21.19	20.96	22.19	24.00	23.68	23.29	---
18	22.86	21.50	21.33	21.65	21.90	21.14	20.98	22.21	23.79	23.50	23.24	---
19	22.88	21.59	21.31	21.33	21.95	21.05	20.99	22.32	23.57	23.38	23.29	---
20	22.86	21.58	21.30	21.24	21.90	21.05	20.94	22.46	23.34	23.40	23.42	---
21	22.83	21.60	21.34	21.15	21.76	21.00	20.89	22.62	23.05	23.58	23.57	---
22	22.80	21.66	21.35	20.90	21.60	21.03	20.87	22.70	22.86	23.82	23.69	---
23	22.74	21.67	21.30	20.83	21.54	21.06	20.99	22.81	22.69	24.06	23.82	---
24	22.66	21.67	21.16	20.82	21.54	21.10	20.96	23.29	22.71	24.48	24.08	---
25	22.52	21.71	21.14	20.73	21.49	21.12	21.03	24.12	22.80	24.91	24.35	---
26	22.34	21.70	21.17	20.72	21.47	21.14	21.06	25.15	22.84	25.21	24.48	---
27	22.26	21.78	21.20	20.81	21.38	21.10	21.00	26.23	22.77	25.57	24.58	---
28	22.30	21.82	21.23	20.95	21.05	21.09	20.88	27.08	22.70	25.84	24.73	---
29	22.26	21.78	21.31	21.11	---	21.12	20.85	27.68	22.71	26.01	24.95	---
30	22.25	21.76	21.27	21.13	---	21.00	20.74	28.10	22.87	26.05	25.18	---
31	22.28	---	21.38	21.35	---	20.98	---	28.28	---	25.94	25.33	---
MEAN	23.0	21.8	21.5	21.3	21.7	21.0	21.0	22.7	24.4	24.1	24.4	---
MAX	23.77	22.22	21.95	21.88	21.98	21.19	21.39	28.28	28.24	26.05	25.72	---
MIN	22.25	21.46	21.14	20.72	21.05	20.80	20.74	20.35	22.69	23.08	23.24	---