Water Resources Data for South Carolina

Water Year 1976

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-76-1

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

CALENDAR FOR WATER YEAR 1976

1975

OCTOBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
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1976

JANUARY

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FEBRUARY

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29						

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APRIL

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MAY

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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26	27	28	29	30		

Water Resources Data for South Carolina

Water Year 1976

U.S. GEOLOGICAL SURVEY WATER-DATA REPORT SC-76-1

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

UNITED STATES DEPARTMENT OF THE INTERIOR

THOMAS S. KLEPPE, Secretary

GEOLOGICAL SURVEY

V. E. McKelvey, Director

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Columbia, South Carolina 29201

1977

Preface

This report was prepared by the U.S. Geological Survey in cooperation with the State of South Carolina and with other agencies by personnel for the South Carolina district of the Water Resources Division under the supervision of J. S. Stallings, District Chief, and L. B. Laird, Regional Hydrologist, Southeastern Region.

This report is one of a series issued State by State under the general direction of J. S. Cragwall, Jr., Chief Hydrologist, and G. W. Whetstone, Assistant Chief Hydrologist, for Scientific Publications and Data Management.

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16. Abstracts Water resources data for the 1976 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 in wells. This report contains discharge records for 55 gaging stations; stage and contents for 11 lakes and reservoirs; water quality for 18 gaging stations and 5 ungaged stations; and water levels for 26 observations wells. Also included are 25 crest-stage partial-record stations. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in South Carolina.

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

GROUND-WATER WELLS, BY COUNTY,
FOR WHICH RECORDS ARE PUBLISHED

GROUND-WATER WELLS--Continued

WATER RESOURCES DATA FOR SOUTH CAROLINA, 1976

INTRODUCTION

Water resources data for the 1976 water year for South Carolina consist of records of stage, discharge, and water quality of streams; stage and contents of lakes and reservoirs; and water levels of ground water. This report contains discharge records for 55 gaging stations; stage only records for 1 gaging station; stage and contents for 11 lakes and reservoirs; water quality for 18 gaging stations and 5 ungaged stations; and water levels for 26 observation wells. Also included are data for 25 crest-stage partial-record stations. 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 or 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, 1200 South Eads Street, Arlington, VA 22202.

For water years 1961 through 1974, streamflow data were released by the Geological Survey in annual reports on a State-boundary basis. Water-quality records for water years 1964 through 1974 were similarly released either in separate reports or in conjunction with streamflow records. Beginning with the 1975 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-76-1." Water data reports are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia, 22151.

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, C.P. Guess, Jr., executive director.
South Carolina Public Service Authority, J.B. Thomason, general manager.
South Carolina State Highway Department, S.N. Pearman, chief highway commissioner.
City of Spartanburg, L.D. Cantrell, chairman of commissioners of public works.

Assistance in the form of funds or services was given by the Corps of Engineers, U.S. Army, in collecting records for 33 gaging stations and 5 water-quality stations, Atomic Energy Commission in collecting records for one gaging station and 3 water-quality stations, and by the Environmental Protection Agency in collecting water-quality records for 2 stations published in this report.

The following organizations aided in collecting records:

Duke Power Company; Greenwood County Electric Power Commission; South Carolina Electric and Gas Company; South Carolina Public Service Authority; and Carolina Power and Light Company.

HYDROLOGIC CONDITIONS

Streamflow during the 1976 water-year was generally normal over the state. Flows were excessive (in the highest 25 percent of record) during five months and deficient (in the lowest 25 percent of record) for two months of the water year for the eastern section of the state. No exceptionally dry conditions or significant flood events occurred in the state during the water year.

Figure 1 on page 3, compiled from records of two long-term representative gaging stations shows a comparison of the monthly and yearly mean discharges for the 1976 water year with the corresponding median discharges for the water years 1931-70.

HYDROLOGIC CONDITIONS

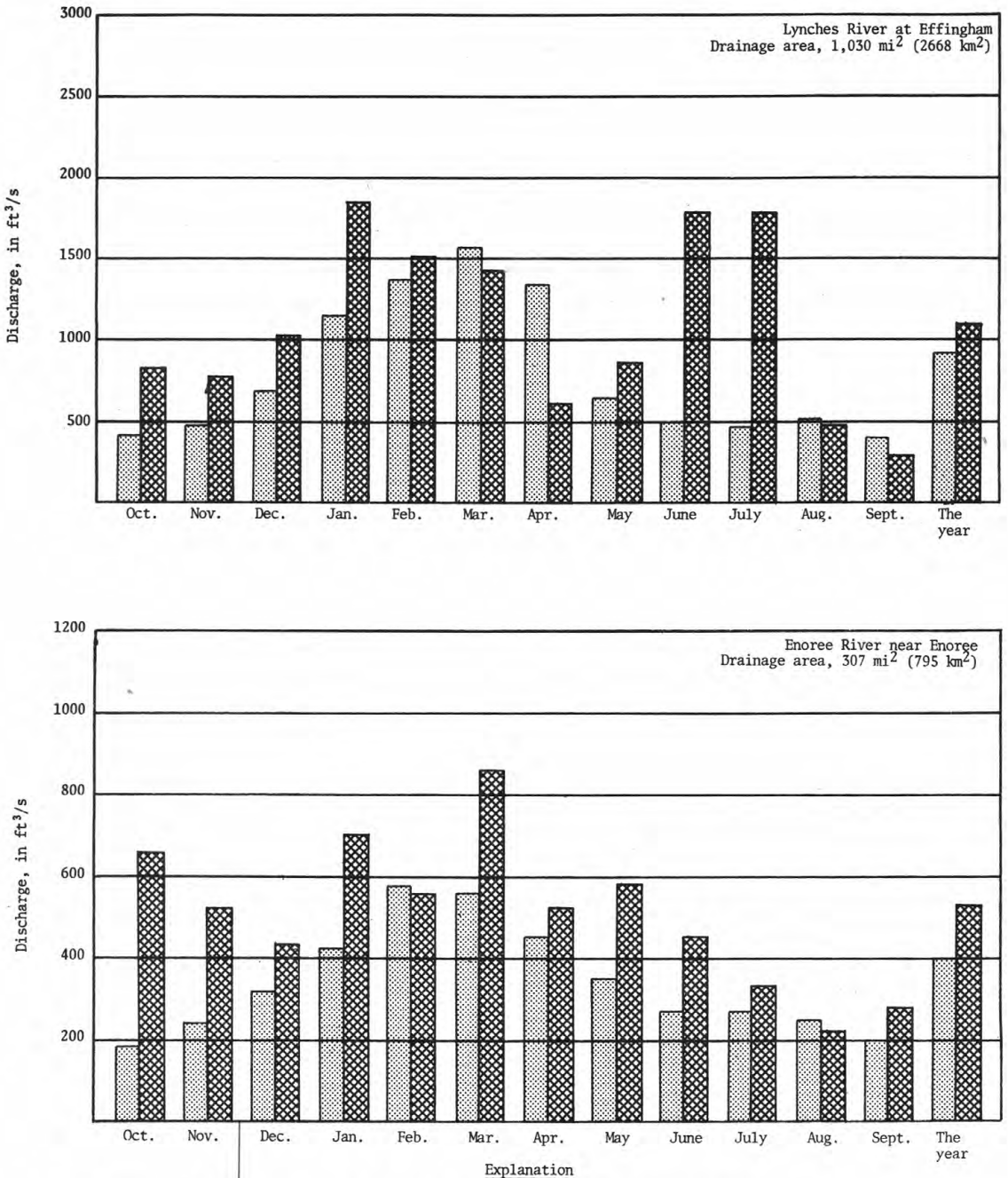


Figure 1. Comparison of discharge at two long-term representative gaging stations during 1976 water year with median discharge for water years 1931-70.

Ground-water conditions have not changed markedly in South Carolina during the 1976 water year. In the upper half of the State above the "Fall Line" known as the Piedmont physiographic province ground water occurs in the fault and fracture systems of the crystalline rocks and in places in the shallow (10-60 feet) material overlying the hard rock. Fluctuation of the water level in wells in this part of South Carolina are controlled mostly by recharge from precipitation.

The remaining half of the State that lies below the "Fall Line" is in the Coastal Plain province and here ground water occur 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 withdrawals of ground water by pumping from the artesian aquifers, a reduction of the pressure head has caused the water level surface to decline. This decline presist in areas where continual heavy pumping on a year-round basis exists. In areas where heavy pumping is subject to seasonal or peak demands water levels will fluctuate upward during periods of lighter pumping. Non-artesian or water table aquifers are used mostly for domestic water supplies and are not affected by pumping. Fluctuation of the water level in these wells mostly are dependent on recharge from precipitation.

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 level 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 colifrom 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.

Cfs-day is the volume of water represented by 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 refers to the amount of substance present in true chemical solution. In practice, however, the term includes all forms of substance that will pass through a 0.45-micrometer membrane filter, and thus may include some very small (coloidal) suspended particles. Analyses are performed on filtered samples.

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 noncontribution 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.

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.

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

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

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

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.

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 plant respectively, are the two categories reported.

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

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

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

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

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

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

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

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

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

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

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

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

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of hte specific conductance in (micromhos). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

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

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

Substrate is the physical surface upon which an organism lived.

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

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

Surface area of a lake is that area outlined on the latest U.S.G.S. 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 (as used in tables of chemical analyses) refers to the amount (concentration) of the total concentration in a water-sediment mixture. The water-sediment mixture is associated with (or sorbed on) that material retained on a 0.45 micrometer filter.

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 load (tons) is the total quantity of any individual constituent, as measured by dry 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 factors 0.0027, times the number of days.

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 NUMBER

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) identify the wells or other sites within a 1-second grid. See figure 2 below.

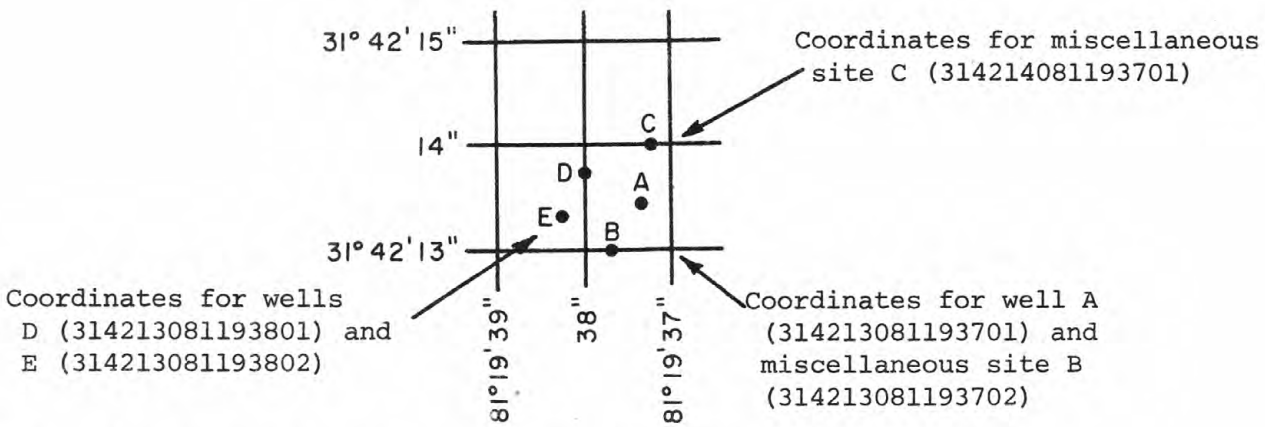


Figure 2. System for numbering wells and miscellaneous sites (latitude and longitude)

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.

Pesticide Program is a network of regularly sampled water-quality stations where samples are collected to determine the concentration and distribution of pesticides in streams where potential contamination could result from the application of the commonly used insecticides and herbicides. Operation of the network is a Federal interagency activity.

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.

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

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The base data 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. 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 revision 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.

The type of gage currently in use, the datum of the present gage above mean sea level, and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." In references to datum of gage, the phrase "mean sea level" denotes "Sea Level Datum of 1929" as used by the Topographic Division of the Geological Survey unless otherwise qualified.

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. In addition, the median of yearly mean discharges is given for stream-gaging stations having 10 or more complete years of record if the median differs from the average by more than 10 percent. Under "EXTREMES" are given first, the extremes for the period of record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR; if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharges are not published for any canals, ditches, drains, or for any stream for which the peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for

the month. Discharge for the month also may be expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditons. 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. 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.

Other data available

Information of a more detailed nature than that published for most of the gaging stations such as observations of water temperatures, discharge measurements, gage-height records, and rating tables is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

Surface water samples for analyses usually are collected at or near gaging stations. 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.

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-heat discharges.

At stations where recording instruments are used, maximumm, 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

Only ground-water level data from a basic network of observation wells are published herein. This basic network contains observation wells so located that the most significant data are obtained from the fewest wells in the most important aquifers.

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. See figure 2.

Measurements are made in many types of wells, under varying conditions of access and at different temperatures, hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Water-level measurements in this report are given in feet with reference to either mean sea level (msl) or land-surface datum (lsd). Mean sea level is the datum plane on which the national network or 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 mean sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. According, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-one manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing 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) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 604 South Picket Street, Alexandria, VA 22304 (authorized agent of the Superintendent of Documents, Government Printing Office).

NOTE: When ordering 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 p. $1.60.

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. $1.90.

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. $1.75.

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. $0.25.

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. $0.20.

3-A3. Measurement of peak discharge at culverts by indirect methods, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages. $0.40.

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. $1.00.

3-A5. Measurements of peak discharge at dams by indirect methods, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages. $0.30.

3-A6. General procedure for gaging streams, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6, 1968, 13 pages. $0.20.

3-A7. Stage measurements at gaging stations, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages. $0.45.

3-A8. Discharge measurements at gaging stations, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages. $1.25.

3-A11. Measurement of discharge by moving-boat method, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages. $0.40.

3-A12. Fluorometric procedures for dye tracing, by J. F. Wilson Jr.: USGS--TWRI Book 3, Chapter A12. 1968. 31 pages. $0.35. Not currently available.

3-B1. Aquifer-test design, observation, and data analysis, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages $0.70.

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

3-C1. Fluvial sediment concepts, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages. $0.65.

3-C2. Field methods for measurement of fluvial sediment, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, chapter C2, 1970. 59 pages $0.70.

3-C3. Computation of fluvial-sediment discharge, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages. $1.15.

4-A1. Some statistical tools in hydrology, by H. C. Riggs: USGS--TWRI Book 4 Chapter A1. 1968. 39 pages. $0.30.

4-A2. Frequency curves, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages. $0.20.

4-B1. Low-flow investigations, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972, 18 pages. $0.65.

4-B2. Storage analyses for water supply, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages. $0.75.

4-B3. Regional analyses of streamflow characteristics, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages. $0.75.

4-D1. Computation of rate and volume of stream depletion by wells, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages. $0.65.

5-A1. Methods for collection and analysis of water samples for dissolved minerals and gases, by Eugene Brown, M. W. Skougstad, and M. J. Fishman: USGS--TWRI Book 5, Chapter A1. 1970. 160 pages. $2.40.

5-A2. Determination of minor elements in water by emission spectroscopy, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages. $0.80.

5-A3. Methods for analysis of organic substances in water, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages. $0.90.

5-A4. Methods for collection and analysis of aquatic biological and microbiological samples, by K. V. Slack, R. C. Averett, P. E. Greeson, and R. G. Lipscomb: USGS--TWRI Book 5, Chapter A4. 1973. 165 pages. $1.95.

5-C1. Laboratory theory and methods for sediment analysis, by H. P. Guy: USGS--TWRI Book 5, Chapter C1, 1969. 58 pages. $0.65.

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

8-A1. Methods of measuring water levels in deep wells, by M. S. Garber and F. C. Koopman; USGS--TWRI Book 8, Chapter A1. 1968. 23 pages. $0.70.

8-B2. Calibration and maintenance of vertical-axis type current meters, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages. $0.40.

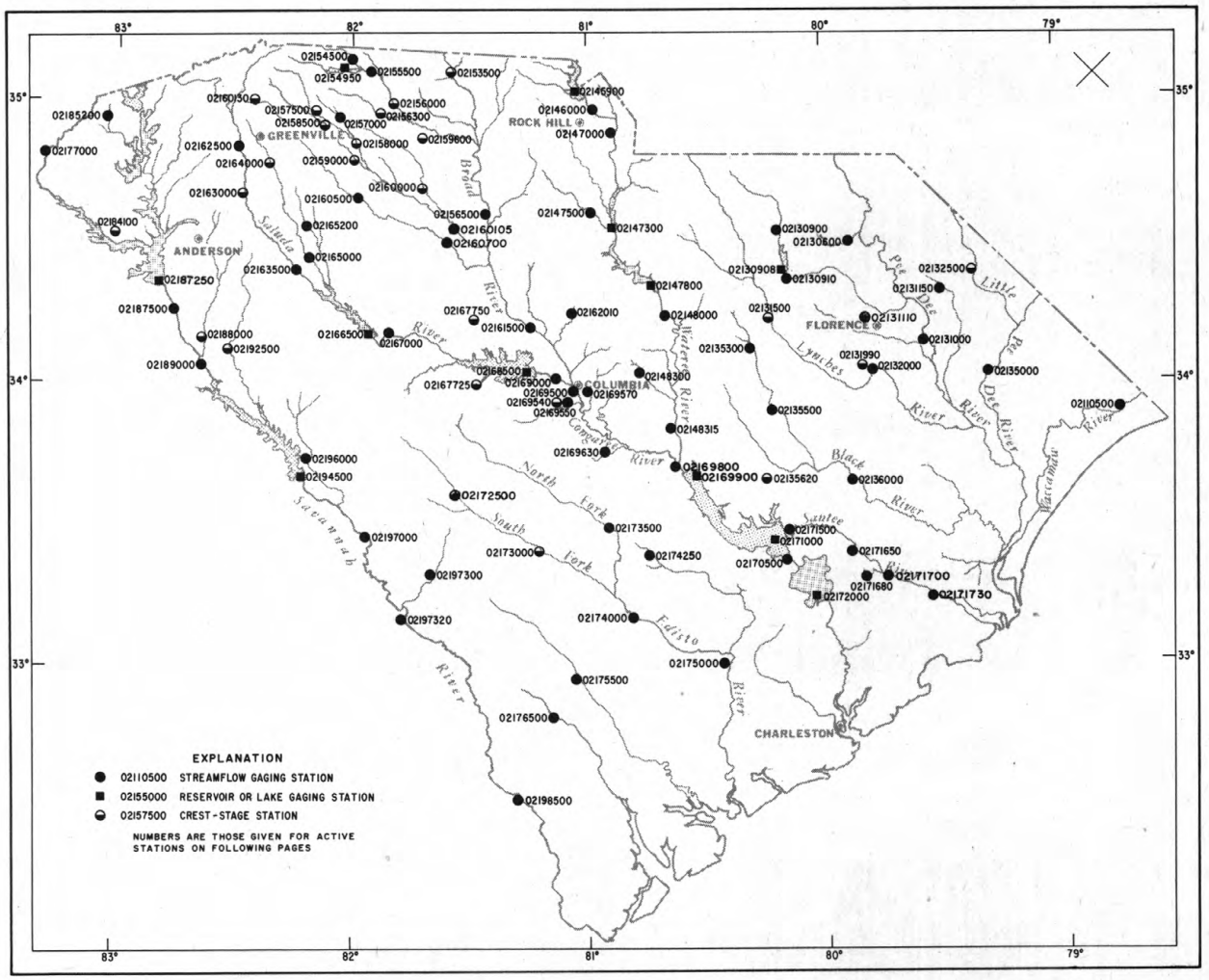


Figure 3. Map of South Carolina showing location of active gaging stations.

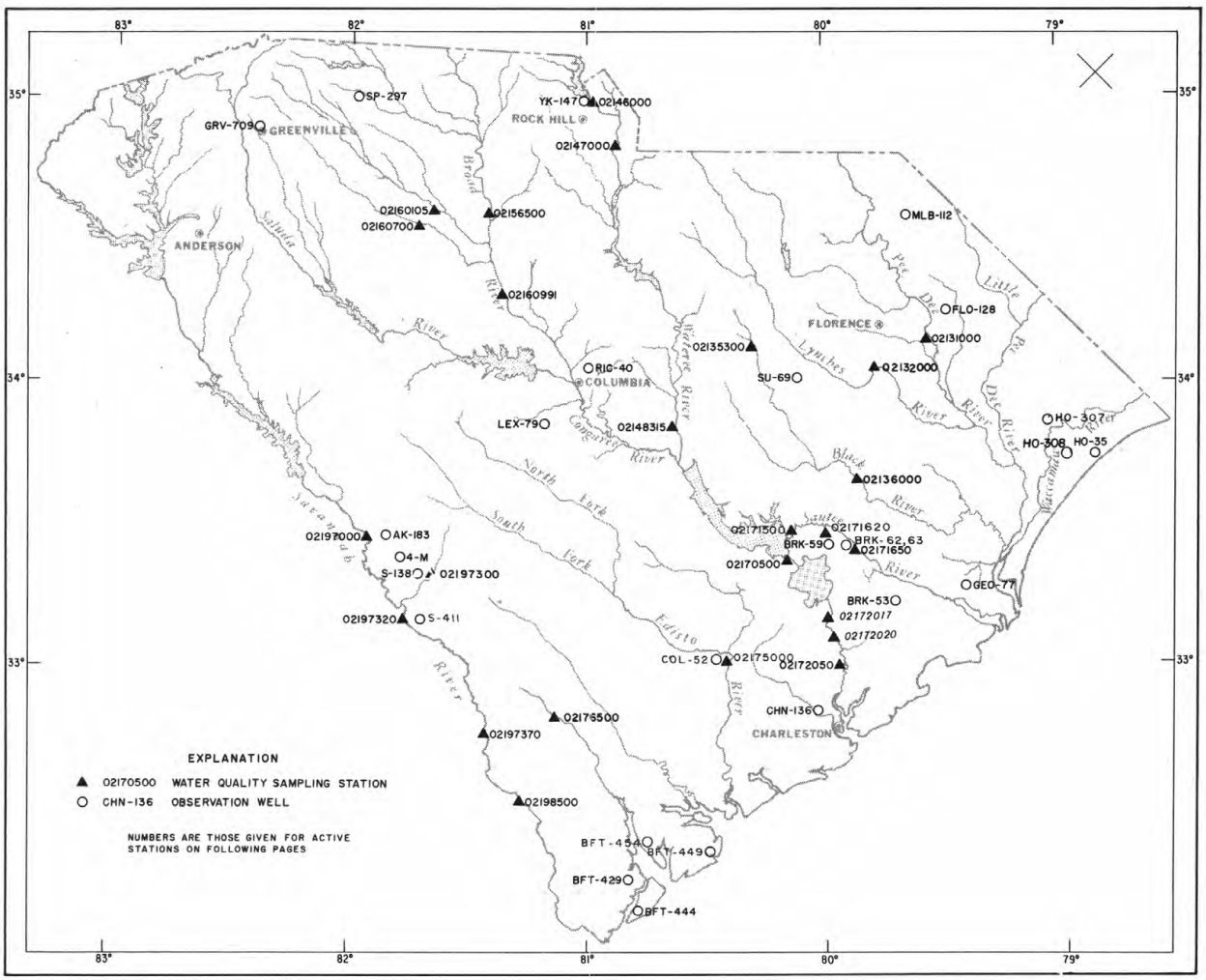


Figure 4. Map of South Carolina showing locations of active water quality stations and ground water wells.

WACCAMAW RIVER BASIN

02110500 WACCAMAW RIVER NEAR LONGS, S.C.

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 (152 m) downstream from Buck Creek, 2.1 mi (3.4 km) southeast of Longs, and at mile 85.4 (137.4 km).

DRAINAGE AREA.--1,110 mi^2 (2,875 km^2), approximately.

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

GAGE.--Water-stage recorder. Datum of gage is 5.28 ft (1.609 m) above mean sea level (levels by Corps of Engineers). Prior to Aug. 11, 1967, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--26 years, 1,217 ft^3/s (34.5 m^3/s), 14.89 in/yr (378 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,100 ft^3/s (314 m^3/s) about July 6, 1961, gage height, 13.94 ft (4.249 m) (from floodmark); minimum, 1 ft^3/s (0.038 m^3/s) Oct. 14, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,780 ft^3/s (135 m^3/s) July 13, gage height, 11.54 ft (3.517 m); minimum, 70 ft^3/s (1.98 m^3/s) May 1, gage height 1.43 ft (0.436 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3130	601	476	1800	3590	1010	1340	77	142	1510	704	2000
2	3260	550	474	1960	3930	946	1250	89	126	1600	1220	1830
3	3240	497	462	2030	4100	888	1160	83	178	1750	1450	1850
4	3150	452	440	2100	4220	834	1080	79	550	1950	1430	1700
5	2990	411	414	2160	4260	785	995	78	656	2450	1460	1550
6	2810	380	387	2220	4220	736	904	75	664	3020	1480	1380
7	2560	351	360	2320	4120	686	816	94	686	3470	1460	1210
8	2340	356	366	2590	3990	640	732	141	717	3950	1420	1060
9	2410	405	371	2740	3830	636	646	139	750	3930	1470	913
10	2330	404	389	2710	3680	656	565	149	780	4040	1630	796
11	2130	380	393	2680	3510	648	494	168	802	4420	1710	733
12	1940	371	386	2630	3310	634	431	246	809	4680	1640	664
13	1780	374	378	2600	3110	723	384	236	789	4740	1530	583
14	1640	381	370	2570	2900	796	342	219	745	4580	1410	509
15	1530	365	360	2530	2680	822	304	207	682	4320	1290	635
16	1440	353	350	2490	2470	938	273	202	613	3990	1220	675
17	1410	344	377	2430	2280	1130	244	192	545	3590	1420	628
18	1420	335	513	2360	2100	1210	218	193	474	3210	1930	577
19	1390	327	586	2250	1960	1280	193	205	412	2840	2120	526
20	1330	316	611	2130	1830	1360	174	198	356	2490	2270	478
21	1260	307	636	2020	1700	1450	157	196	362	2170	2810	437
22	1190	295	664	1910	1620	1560	143	196	426	1930	3100	401
23	1110	296	692	1800	1550	1650	130	196	579	1690	3120	366
24	1050	388	721	1710	1460	1710	118	220	666	1530	3010	333
25	983	426	758	1620	1370	1720	108	243	772	1380	2910	302
26	927	438	966	1550	1290	1710	99	233	904	1220	2840	273
27	878	447	1140	2080	1210	1680	90	221	1090	1090	2730	249
28	825	456	1180	3040	1130	1620	83	206	1380	999	2630	227
29	776	464	1210	3230	1070	1560	77	194	1480	892	2520	206
30	721	467	1270	3260	---	1490	72	178	1500	788	2380	192
31	662	---	1500	3370	---	1410	---	160	---	694	2200	---
TOTAL	54612	11937	19200	72890	78490	34918	13622	5313	20635	80913	60514	23283
MEAN	1762	398	619	2351	2707	1126	454	171	688	2610	1952	776
MAX	3260	601	1500	3370	4260	1720	1340	246	1500	4740	3120	2000
MIN	662	295	350	1550	1070	634	72	75	126	694	704	192
CFSM	1.59	.36	.56	2.12	2.44	1.01	.41	.15	.62	2.35	1.76	.70
IN.	1.83	.40	.64	2.44	2.63	1.17	.46	.18	.69	2.71	2.03	.78

CAL YR 1975 TOTAL 558093 MEAN 1529 MAX 4280 MIN 145 CFSM 1.38 IN 18.70
WTR YR 1976 TOTAL 476327 MEAN 1301 MAX 4740 MIN 72 CFSM 1.17 IN 15.96

02130600 CEDAR CREEK AT SOCIETY HILL, S.C.

LOCATION.--Lat 34°31'30", long 79°51'05", Darlington County, Hydrologic Unit 03040201, on upstream side of old highway bridge, 300 ft (91 m) downstream from U.S. Highway 52, 0.3 mi (0.5 km) upstream from Seaboard Coast Line Railroad, at Society Hill, and at mile 1.7 (2.7 km).

DRAINAGE AREA.--55 mi^2 (142 km^2), approximately.

PERIOD OF RECORD.--October 1970 to current year. Occasional low-flow measurements, water years 1949-65.

GAGE.--Water-stage recorder. Altitude of gage is 70 ft (21 m) (from topographic map).

REMARKS.--Records good, except period of no gage-height record, which is poor.

AVERAGE DISCHARGE.--6 years, 102 ft^3/s (2.89 m^3/s), 25.18 in/yr (640 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 750 ft^3/s (21.2 m^3/s) June 23, 1973; maximum gage height, 12.24 ft (3.731 m) Apr. 3, 1973 (caused by backwater); minimum daily, 18 ft^3/s (0.51 m^3/s) July 18, 1971.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 547 ft^3/s (15.5 m^3/s) Jun. 18, gage height, 7.38 ft (2.249 m); minimum daily, 28 ft^3/s (0.793 m^3/s) June 2, Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	95	70	83	141	101	72	70	60	32	127	42	31
2	106	70	91	169	109	71	65	130	28	106	40	32
3	115	72	95	144	118	70	65	98	50	86	51	38
4	98	73	97	121	139	70	60	101	80	71	68	40
5	85	75	90	105	128	72	60	63	150	128	70	40
6	78	76	84	97	106	70	60	47	250	265	52	37
7	76	78	84	95	92	70	55	43	120	404	40	34
8	75	90	90	129	87	75	55	54	60	334	40	33
9	88	97	102	159	83	85	50	62	47	213	63	32
10	98	105	115	198	82	90	50	62	42	146	82	32
11	122	106	121	163	81	85	48	57	41	120	103	31
12	124	99	114	129	80	85	46	52	40	109	70	29
13	97	123	101	112	80	100	44	56	38	90	46	28
14	81	141	90	101	78	120	44	62	35	73	40	29
15	75	163	86	95	78	140	42	69	35	57	37	44
16	73	158	85	91	78	168	40	120	37	47	37	63
17	75	119	93	90	78	229	40	360	115	46	40	66
18	82	98	121	90	76	317	38	300	368	49	37	54
19	86	90	134	90	76	220	36	200	410	49	33	43
20	86	86	144	86	75	143	36	140	244	47	32	39
21	80	85	128	84	74	113	34	90	166	45	35	42
22	74	83	106	83	75	100	34	60	175	42	47	44
23	72	82	95	83	78	92	32	50	131	40	52	43
24	70	86	90	82	78	87	30	65	95	52	48	38
25	70	89	88	80	75	83	30	75	78	74	40	37
26	70	89	97	80	73	81	32	70	70	115	36	42
27	71	86	109	95	73	78	36	60	105	75	35	86
28	70	83	114	126	72	75	34	48	162	52	34	105
29	71	82	115	144	71	70	30	46	288	46	32	102
30	72	81	111	157	---	70	40	44	209	42	34	90
31	72	---	124	122	---	70	---	36	---	42	35	---
TOTAL	2607	2835	3197	3541	2494	3271	1336	2780	3701	3192	1451	1404
MEAN	84.1	94.5	103	114	86.0	106	44.5	89.7	123	103	46.8	46.8
MAX	124	163	144	198	139	317	70	360	410	404	103	105
MIN	70	70	83	80	71	70	30	36	28	40	32	28
CFSM	1.53	1.72	1.87	2.07	1.56	1.93	.81	1.63	2.24	1.87	.85	.85
IN.	1.76	1.92	2.16	2.39	1.69	2.21	.90	1.88	2.50	2.16	.98	.95

CAL YR 1975 TOTAL 39618 MEAN 109 MAX 517 MIN 24 CFSM 1.98 IN 26.80
WTR YR 1976 TOTAL 31809 MEAN 86.9 MAX 410 MIN 28 CFSM 1.58 IN 21.51

Note: No gage-height record Mar. 27 to May 3.

02130900 BLACK CREEK NEAR MCBEE, S.C.

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 (0.3 km) upstream from Little Alligator Creek, 5.3 mi (8.5 km) northeast of McBee, and at mile 59.1 (95.1 km).

DRAINAGE AREA.--108 mi^2 (280 km^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 (68.495 m) above mean sea level. Prior to Dec. 22, 1959, nonrecording gage same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--17 years, 174 ft^3/s (4.928 m^3/s), 21.88 in/yr (556 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,770 ft^3/s (50.1 m^3/s) July 16, 1975; gage height, 11.29 ft (3.441 m); minimum, 21 ft^3/s (0.59 m^3/s) Sept. 25, 1968 and Oct. 3, 1968.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 19.9 ft^3/s (0.56 m^3/s) was measured on Sept. 18, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft^3/s (14.2 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
June 23	1200	*694	19.7	*9.51	2.899

Minimum discharge, 47 ft^3/s (1.33 m^3/s) Sept. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	203	102	130	237	243	129	182	155	91	210	80	67
2	204	102	146	247	247	137	196	190	84	161	73	64
3	187	104	150	273	240	133	179	189	133	133	71	64
4	160	104	143	263	242	129	148	173	233	135	73	67
5	143	100	132	228	265	124	137	111	328	236	81	67
6	134	103	125	192	236	140	131	91	333	314	75	64
7	129	107	125	179	198	159	127	90	243	415	68	60
8	125	134	151	210	175	172	124	118	157	397	87	58
9	159	145	169	221	167	186	121	146	105	321	134	56
10	188	155	186	225	160	173	116	135	89	243	145	55
11	200	149	201	244	176	171	114	109	83	175	117	53
12	213	143	213	224	174	186	112	133	75	145	85	50
13	177	248	181	185	163	209	111	143	73	122	71	48
14	145	232	148	170	157	215	109	130	70	107	68	53
15	132	194	137	165	152	224	106	246	69	97	66	77
16	125	243	136	161	149	304	103	433	112	89	80	88
17	123	240	156	160	147	328	100	448	254	90	81	86
18	135	184	195	156	146	321	96	418	424	88	78	74
19	137	148	198	151	164	340	93	314	400	85	70	66
20	133	139	197	147	172	308	91	207	318	83	67	61
21	122	134	201	145	167	240	88	150	274	80	82	58
22	117	130	167	146	155	192	86	122	310	77	111	57
23	112	128	147	146	155	172	83	109	638	99	106	55
24	109	128	140	144	155	163	79	136	454	160	90	52
25	106	127	137	142	148	157	76	152	321	100	78	50
26	106	125	165	143	140	155	76	145	288	85	70	55
27	106	123	188	191	136	153	74	128	260	82	68	133
28	106	123	193	252	133	152	71	114	209	86	65	173
29	106	122	215	265	131	148	70	113	174	105	64	276
30	106	120	232	321	---	155	72	112	216	84	66	263
31	105	---	238	296	---	170	---	106	---	82	68	---
TOTAL	4353	4336	5242	6229	5093	5945	3271	5366	6818	4686	2538	2450
MEAN	140	145	169	201	176	192	109	173	227	151	81.9	81.7
MAX	213	248	238	321	265	340	196	448	638	415	145	276
MIN	105	100	125	142	131	124	70	90	69	77	64	48
CFSM	1.30	1.34	1.56	1.86	1.63	1.78	1.01	1.60	2.10	1.40	.76	.76
IN.	1.50	1.49	1.81	2.15	1.75	2.05	1.13	1.85	2.35	1.61	.87	.84

CAL YR 1975 TOTAL 79089 MEAN 217 MAX 1360 MIN 60 CFSM 2.01 IN 27.24
WTR YR 1976 TOTAL 56327 MEAN 154 MAX 638 MIN 48 CFSM 1.43 IN 19.40

02130910 BLACK CREEK NEAR HARTSVILLE, S.C.

LOCATION.--Lat 34°23'50", long 80°09'00", Darlington County, Hydrologic Unit 03040201, at downstream side of highway bridge, 1,000 ft (300 m) downstream from dam at H. B. Robinson steam electric plant, 2.1 mi (3.4 km) upstream from Beaverdam Creek, 4.6 mi (7.4 km) west of Hartsville and at mile 49.9 (80.3 km).

DRAINAGE AREA.--173 mi^2 (448 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is 177.48 ft (54.096 m) above mean sea level (revised).

REMARKS.--Records good. Some regulation by storage in steam electric plant reservoir above station.

AVERAGE DISCHARGE.--16 years, 242 ft^3/s (6.853 m^3/s), 19.00 in/yr (483 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,010 ft^3/s (56.9 m^3/s), Aug. 18, 1971, gage height, 10.08 ft (3.072 m); minimum, 51 ft^3/s (1.44 m^3/s) July 14, 1970.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 541 ft^3/s (15.3 m^3/s) June 27, gage height, 6.97 ft (2.124 m); minimum, 90 ft^3/s (2.55 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	321	165	222	345	370	210	233	148	162	420	142	110
2	319	166	226	343	398	207	232	165	162	378	140	109
3	302	167	224	345	390	204	226	175	205	327	132	114
4	290	170	228	358	380	200	229	182	239	325	128	112
5	280	172	226	349	370	197	223	177	248	373	124	111
6	241	172	221	339	373	207	213	169	273	395	121	112
7	199	178	229	335	360	210	204	165	292	433	117	108
8	203	190	246	360	331	207	197	171	292	460	128	106
9	222	197	252	351	317	221	194	173	272	469	140	103
10	227	209	260	341	296	223	178	171	252	472	147	105
11	233	228	259	337	286	222	171	171	238	428	154	99
12	244	229	264	341	283	226	170	171	217	375	145	95
13	251	297	270	331	276	247	164	170	193	329	138	93
14	248	311	272	327	274	252	162	173	176	293	130	98
15	238	306	263	309	264	255	160	214	169	261	125	106
16	227	302	261	299	255	309	158	291	163	234	130	112
17	219	311	272	300	250	355	156	348	260	207	129	116
18	218	314	289	285	243	353	156	387	339	190	123	119
19	215	303	282	270	246	363	154	394	390	178	116	119
20	205	289	280	263	246	373	151	370	423	153	114	117
21	200	276	287	257	239	368	147	332	430	113	118	116
22	196	265	281	252	244	351	145	315	410	114	125	116
23	191	256	272	244	244	323	143	324	430	117	128	111
24	189	244	263	242	234	297	138	287	508	137	129	110
25	183	233	255	242	232	281	132	219	502	149	128	108
26	182	226	270	242	230	269	134	212	487	144	125	109
27	176	221	277	276	227	259	129	201	499	138	121	121
28	173	221	278	305	219	255	125	190	478	134	117	136
29	172	217	281	312	213	241	121	183	433	131	118	156
30	176	213	300	329	---	235	121	176	454	132	120	201
31	165	---	329	349	---	234	---	168	---	139	115	---
TOTAL	6905	7048	8139	9578	8290	8154	5066	6992	9596	8148	3967	3448
MEAN	223	235	263	309	286	263	169	226	320	263	128	115
MAX	321	314	329	360	398	373	233	394	508	472	154	201
MIN	165	165	221	242	213	197	121	148	162	113	114	93
CFSM	1.29	1.36	1.52	1.79	1.65	1.52	.98	1.31	1.85	1.52	.74	.66
IN.	1.48	1.52	1.75	2.06	1.78	1.75	1.09	1.50	2.06	1.75	.85	.74

CAL YR 1975 TOTAL 110474 MEAN 303 MAX 1380 MIN 118 CFSM 1.75 IN 23.75
WTR YR 1976 TOTAL 85331 MEAN 233 MAX 508 MIN 93 CFSM 1.35 IN 18.35

02131000 PEE DEE RIVER AT PEEDEE, S.C.
(Radiochemical program station)

LOCATION.--Lat 34°12'15", long 79°32'55", Marion County, Hydrologic Unit 03040201, in pier of bridge on U.S. Highway 76 at Peedee, 0.2 mi (0.3 km) downstream from Seaboard Coast Line Railroad bridge, 8.2 mi (13.2 km) downstream from Black Creek, and at mile 100.2 (161.2 km).

DRAINAGE AREA.--8,830 mi^2 (22,870 mi^2), approximately.

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.

REVISED RECORDS.--WSP 1233: Drainage area. WSP 1623: 1933, 1941-51 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 24.73 ft (7.537 m) above mean sea level. Prior to Oct. 1, 1947, at site 1.6 mi (2.6 km) downstream at datum 23.46 ft (7.151 m) above mean sea level.

REMARKS.--Records good. Flow regulated by six powerplants above station. Combined usable capacity of reservoirs, 30,819,624,000 ft^3 (872,811,800 m^3).

AVERAGE DISCHARGE.--38 years, 9,618 ft^3/s (272.4 m^3/s), 14.79 in/yr (376 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 220,000 ft^3/s (6,230 m^3/s) Sept. 22, 1945, gage height, 33.30 ft (10.150 m) (site and datum then in use) from rating curve extended above 76,000 ft^3/s (2,150 m^3/s) on basis of discharge measurement of 221,000 ft^3/s (6.260 m^3/s) at Cheraw; minimum, 700 ft^3/s (19.8 m^3/s) Sept. 29, 1954, gage height, 0.60 ft (0.18 m) (from graph based on gage readings).

EXTREMES FOR CURRENT YEAR.--Maximum discahrge, 23,100 ft^3/s (654 m^3/s) June 26, gage height, 20.49 ft (6.245 m); minimum daily, 1,490 ft^3/s (42.2 m^3/s) Aug. 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21000	7830	5910	12400	16000	4390	8690	4380	3640	17000	3360	2200
2	17900	7870	3890	15000	15700	3770	9730	5160	2800	15600	2000	2240
3	16000	6890	5370	16800	16000	6230	10200	5580	4430	14600	1960	3060
4	13600	6590	6780	17700	17100	7800	10500	3470	7900	13700	3320	3720
5	11200	6820	7410	17900	18000	7360	10600	4240	13400	12100	3030	3220
6	10000	6680	6730	16900	18000	7110	10600	5070	16200	11200	3460	2600
7	9720	6550	5980	15800	17200	6320	9640	4430	16400	12300	3090	2200
8	9600	6600	6000	15000	16300	4700	8330	5460	15400	13500	2700	2340
9	8690	6120	7070	14900	15200	4470	8460	5150	13300	13100	1940	4450
10	9400	4240	8370	15300	14100	8080	7830	3500	11200	11500	1820	3930
11	10000	4260	9020	15500	13000	9380	7220	2630	9940	10400	2570	4780
12	9950	7140	9240	15400	11500	8310	6840	4020	8950	8740	2720	4270
13	8990	7290	9120	14900	10900	8220	6160	4330	6460	7410	3320	2490
14	7490	9480	8910	14200	10700	8820	5840	4600	4300	7540	3820	2190
15	7870	13400	8620	13400	10400	6980	4700	6030	3460	6450	3580	2190
16	7470	14300	8020	12700	9000	6130	5600	6790	6380	6350	2560	2180
17	7050	13600	7110	12200	8660	9780	5920	11700	7440	6580	1760	3180
18	7730	12500	6960	11800	8800	13300	4490	13700	9350	5920	1750	3870
19	8400	11100	8070	10700	8840	15800	3240	13900	12500	3620	3390	3370
20	8760	9830	8570	8710	8910	16000	2960	12500	13900	2950	3680	2280
21	8960	8860	7570	8690	8790	15500	4700	9970	14400	4860	3150	2210
22	9070	8330	5480	9170	7810	14200	4760	7830	16100	5530	5920	2730
23	9590	7050	5510	9630	5000	11300	4790	5850	18600	5390	4940	2300
24	10500	6190	6910	10000	4600	8810	5340	3450	20200	5050	4460	2390
25	10500	7300	7230	10300	6930	8970	4290	4170	21900	4390	1490	3150
26	10300	8150	6270	9900	8280	8820	2630	5850	22800	3270	2780	3780
27	10000	8170	6200	8020	8730	8480	2600	5790	21800	2520	3540	2530
28	9480	7260	9820	10000	8380	7190	4810	6560	20500	2380	3020	3050
29	8700	7110	11900	12700	7230	5060	4120	7640	19600	4620	2420	4030
30	7550	7390	12000	15400	---	4920	3410	6540	18600	5500	2220	3780
31	7550	---	11800	16100	---	6470	---	5400	---	4780	2210	---
TOTAL	313020	244900	237840	407120	330060	262670	189000	195690	381850	248850	91980	90710
MEAN	10100	8163	7672	13130	11380	8473	6300	6313	12730	8027	2967	3024
MAX	21000	14300	12000	17900	18000	16000	10600	13900	22800	17000	5920	4780
MIN	7050	4240	3890	8020	4600	3770	2600	2630	2800	2380	1490	2180
CFSM	1.14	.92	.87	1.49	1.29	.96	.71	.71	1.44	.91	.34	.34
IN.	1.32	1.03	1.00	1.72	1.39	1.11	.80	.82	1.61	1.05	.39	.38

CAL YR 1975 TOTAL 5823040 MEAN 15950 MAX 83500 MIN 2720 CFSM 1.81 IN 24.53
WTR YR 1976 TOTAL 2993690 MEAN 8179 MAX 22800 MIN 1490 CFSM .93 IN 12.61

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-SOLVED RA-226 (RADON METHOD) (PC/L)	DIS-SOLVED URANIUM (U) (UG/L)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUS-PENDED GROSS ALPHA AS U-NAT. (UG/L)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUS-PENDED GROSS BETA AS SR90 /Y90 (PC/L)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L)	SUS-PENDED GROSS BETA AS CS-137 (PC/L)	TOTAL FILT-RABLE RESIDUE (MG/L)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)
MAR.											
17...	1100	.04	.01	<.7	2.3	<.4	.6	<.4	.7	53	36
JUNE											
29...	1730	.05	.20	1.1	1.7	2.4	1.3	3.0	1.5	52	41

02131150 CATFISH CANAL AT SELLERS, S.C.

LOCATION.--Lat 34°17'04", long 79°26'32", Marion County, Hydrologic Unit 03040201, on right downstream wingwall of bridge on State Highway 38, 2.0 mi (3.2 km) east of Sellers, 2.3 mi (3.7 km) upstream from Stackhouse Creek, and at mile 25.6 (41.2 km)

DRAINAGE AREA.--28 mi^2 (73 km^2), approximately.

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

GAGE.--Water-stage recorder. Altitude of gage is 75 ft (23 m) (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--9 years, 30.2 ft^3/s (0.855 m^3/s), 14.65 in/yr (372 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 890 ft^3/s (25.2 m^3/s), Mar. 4, 1971, gage height, 9.15 ft (2.789 m); minimum daily, 0.10 ft^3/s (0.003 m^3/s) Oct. 5, 1968.

EXTREMES FOR CURRENT YEAR.--Peak discharge above a base of 150 ft^3/s (4.25 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
July 10	1015	*156	4.42	*4.39	1.338

Minimum daily, 1.5 ft^3/s (0.042 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	3.5	7.8	100	52	16	18	5.8	4.1	29	5.1	1.9
2	12	3.6	9.6	75	82	16	16	5.3	4.9	22	5.6	1.9
3	9.6	3.5	8.7	63	72	15	15	4.1	8.7	18	11	1.9
4	8.5	3.3	8.2	57	60	15	14	3.6	15	28	7.1	2.1
5	8.0	3.5	7.4	50	52	15	13	3.3	12	96	5.8	2.0
6	7.6	3.2	7.1	45	48	18	12	3.3	10	90	5.3	1.9
7	6.9	3.1	7.6	45	44	18	12	3.3	8.5	107	4.9	1.8
8	7.1	4.4	9.6	94	40	17	11	3.9	7.4	76	4.8	1.7
9	18	4.8	11	90	38	23	9.6	4.1	6.0	52	4.8	1.6
10	12	4.4	17	69	34	26	9.1	3.6	5.3	124	4.6	1.7
11	10	4.2	19	59	33	22	8.9	3.6	4.8	84	4.2	1.6
12	8.7	4.4	13	54	30	20	8.2	11	4.4	57	3.9	1.6
13	7.4	13	11	49	29	34	8.0	6.0	4.1	41	3.6	1.5
14	6.5	11	10	46	28	31	7.8	5.1	3.6	31	3.5	1.6
15	6.0	8.7	9.3	42	26	28	7.1	6.9	3.6	25	3.2	2.3
16	5.6	7.6	11	42	26	68	6.7	16	3.9	21	3.2	2.2
17	5.6	6.7	35	42	25	86	6.3	10	5.8	18	3.2	2.1
18	8.2	6.0	76	39	24	62	5.8	9.8	9.6	16	3.1	2.0
19	6.7	5.6	52	36	24	50	5.4	11	9.1	14	2.8	1.8
20	6.0	5.4	41	34	22	43	5.3	8.7	10	13	2.8	1.8
21	5.3	5.4	36	34	22	39	5.1	7.6	37	12	3.3	1.7
22	5.3	5.3	33	32	23	34	5.1	6.5	36	11	3.5	1.9
23	4.6	6.5	30	31	22	31	4.6	6.3	20	9.6	3.2	1.8
24	4.2	10	27	30	20	28	4.2	7.6	10	9.1	2.9	1.7
25	4.4	8.2	27	28	20	26	4.1	7.1	8.2	8.2	2.6	1.6
26	4.4	7.1	88	29	20	25	3.9	6.5	7.4	7.6	2.5	1.7
27	4.4	7.1	82	70	19	24	3.6	5.8	14	7.4	2.4	1.8
28	4.1	7.1	62	105	18	22	3.3	5.3	81	6.7	2.1	1.8
29	4.1	6.5	52	80	17	20	3.3	5.3	60	6.0	2.1	1.8
30	4.2	6.3	61	65	---	19	3.5	5.1	50	5.6	2.2	1.9
31	3.6	---	106	55	---	19	---	4.6	---	5.4	2.0	---
TOTAL	224.0	179.4	975.3	1690	970	910	239.9	196.1	464.4	1050.6	121.3	54.7
MEAN	7.23	5.98	31.5	54.5	33.4	29.4	8.00	6.33	15.5	33.9	3.91	1.82
MAX	18	13	106	105	82	86	18	16	81	124	11	2.3
MIN	3.6	3.1	7.1	28	17	15	3.3	3.3	3.6	5.4	2.0	1.5
CFSM	.26	.21	1.13	1.95	1.19	1.05	.29	.23	.55	1.21	.14	.07
IN.	.30	.24	1.30	2.25	1.29	1.21	.32	.26	.62	1.40	.16	.07

CAL YR 1975 TOTAL 13059.4 MEAN 35.8 MAX 254 MIN 2.5 CFSM 1.28 IN 17.35
WTR YR 1976 TOTAL 7075.7 MEAN 19.3 MAX 124 MIN 1.5 CFSM .69 IN 9.40

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.
(National stream-quality accounting network station)

LOCATION.--Lat 34°03'05", long 79°45'15", Florence County, Hydrologic Unit 03040202, on left bank at downstream side of bridge on U.S. Highway 52, 75 ft (23 m) upstream from Seaboard Coast Line Railroad bridge, 1 mi (1.6 km) south of Effingham, and at mile 43.4 (69.8 km).

DRAINAGE AREA.--1,030 mi^2 (2,670 km^2) approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 58.49 ft (17.828 m) above mean sea level. Prior to Sept. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--47 years, 1,020 ft^3/s (28.89 m^3/s), 13.45 in/yr (342 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,000 ft^3/s (708 m^3/s) Sept. 22, 1945, gage height, 21.21 ft (6.465 m), from rating curve extended above 17,000 ft^3/s (481 m^3/s); minimum 94 ft^3/s (2.66 m^3/s) Oct. 10, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,500 ft^3/s (127 m^3/s) June 28, gage height, 13.37 ft (4.075 m); minimum, 238 ft^3/s (6.74 m^3/s) Sept. 14.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1650	466	635	1620	1770	827	960	369	488	3400	513	284
2	1540	461	641	1740	1980	796	915	384	471	3150	509	282
3	1270	453	648	1920	2200	776	875	402	510	2730	902	282
4	980	449	650	2060	2450	757	878	443	924	2120	654	282
5	844	444	667	1980	2680	738	934	529	1410	2450	527	277
6	790	441	705	1840	2610	723	986	634	1850	3090	475	272
7	749	447	742	1850	2350	710	955	706	1600	3140	466	276
8	711	456	747	2400	2090	710	847	661	1360	3070	461	280
9	908	475	729	2810	1980	774	758	543	1280	3000	460	279
10	911	524	754	2830	2040	911	702	466	1290	2730	491	275
11	899	574	786	2690	2010	982	661	443	1320	2490	627	265
12	935	629	825	2470	1790	1010	627	535	1100	2740	666	253
13	985	790	899	2230	1540	1070	596	622	695	2910	696	244
14	1020	860	980	2080	1330	1110	572	652	573	2630	790	240
15	1050	820	1060	2020	1210	1150	555	819	577	2190	714	247
16	1060	818	1140	2060	1130	1380	546	1130	636	1760	505	254
17	970	858	1190	2040	1080	1710	534	1170	653	1490	398	262
18	823	928	1260	1870	1050	1860	516	1410	881	1310	349	296
19	722	1020	1210	1660	1030	2000	495	1610	1280	1090	343	369
20	665	1120	1220	1470	1000	2140	475	1630	2480	757	387	440
21	625	1310	1260	1360	971	2180	461	1590	3130	634	437	466
22	616	1630	1280	1280	966	2130	448	1550	3260	733	423	411
23	623	1610	1290	1210	979	2450	436	1550	3040	746	381	346
24	612	1300	1300	1160	962	3010	422	1540	2740	676	364	310
25	582	970	1340	1110	942	2870	406	1210	2480	593	380	291
26	550	786	1450	1080	907	2400	391	852	2240	623	400	286
27	522	718	1410	1250	897	1920	377	697	2860	636	394	283
28	501	680	1250	1810	896	1540	370	648	4370	590	365	270
29	489	656	1200	1870	870	1260	365	648	4240	546	330	263
30	482	639	1240	1760	---	1090	360	617	3840	526	308	296
31	473	---	1420	1740	---	1010	---	547	---	530	293	---
TOTAL	25557	23332	31928	57270	43710	43994	18423	26607	53578	55080	15008	8881
MEAN	824	778	1030	1847	1507	1419	614	858	1786	1777	484	296
MAX	1650	1630	1450	2830	2680	3010	986	1630	4370	3400	902	466
MIN	473	441	635	1080	870	710	360	369	471	526	293	240
CFSM	.80	.76	1.00	1.79	1.46	1.38	.60	.83	1.73	1.73	.47	.29
IN.	.92	.84	1.15	2.07	1.58	1.59	.67	.96	1.94	1.99	.54	.32

CAL YR 1975 TOTAL 596580 MEAN 1634 MAX 9400 MIN 338 CFSM 1.59 IN 21.55
WTR YR 1976 TOTAL 403368 MEAN 1102 MAX 4370 MIN 240 CFSM 1.07 IN 14.57

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.--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.

PERIOD OF DAILY RECORDS.--
SPECIFIC CONDUCTANCE: April 1975 to current year.
WATER TEMPERATURE: October 1954 to September 1972, April 1975 to current year.

INSTRUMENTATION.--Servo Programmer since April 1975.

EXTREMES FOR PERIOD OF DAILY RECORDS.--
SPECIFIC CONDUCTANCE: Maximum, 118 micromhos July 6, 1976; minimum, 30 micromhos July 20, 1976.
WATER TEMPERATURE: Maximum 32.0°C on several days in 1960, 1961 and 1963; minimum, 0.5°C Jan. 24, 1970.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 103 micromhos Sept. 7; minimum, 39 micromhos Oct. 2.
WATER TEMPERATURE: Maximum, 28.0°C July 30; minimum, 2.0°C Jan. 20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT.												
14...	1020	20.5	7.1	62	7.0	8	10	3.2	0	7.8	1.6	113
NOV.												
11...	1115	19.0	7.9	75	7.2	16	20	2.5	0	9.0	2.0	108
DEC.												
16...	1100	13.0	9.5	58	6.6	9	11	2.5	0	7.1	4.4	120
JAN.												
13...	1130	5.0	12.1	60	6.8	8	10	3.9	0	9.0	2.5	80
FEB.												
10...	1100	6.0	11.1	56	6.7	8	10	2.1	0	6.9	3.2	98
MAR.												
16...	1050	12.5	9.2	66	6.6	14	17	2.4	0	8.1	6.8	8480
APR.												
13...	1010	14.0	9.5	74	7.0	16	19	3.4	0	7.6	3.0	84
MAY												
11...	1015	19.0	8.2	77	7.1	8	10	2.1	0	8.3	1.3	90
JUNE												
08...	0915	20.0	6.9	53	6.6	8	10	2.9	0	6.5	4.0	112
JULY												
13...	0915	24.0	6.2	45	6.5	5	6	2.8	0	5.0	3.0	73
AUG.												
10...	0915	24.0	7.1	74	7.0	16	20	3.0	0	7.9	3.2	107
SEP.												
08...	0900	22.5	7.7	86	7.2	16	20	1.4	0	8.8	2.0	108

DATE	STREPTOCOCCI (COLONIES PER 100 ML)	DISSOLVED FLUORIDE (F) (MG/L)	NONCARBONATE HARDNESS (MG/L)	HARDNESS (CA,MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)
OCT.											
14...	280	.1	4	12	.9	.52	.46	.06	2.3	.05	31
NOV.											
11...	380	.2	0	10	1.0	.46	.38	.08	2.0	.05	85
DEC.											
16...	410	.0	0	8	.5	.35	.30	.05	1.6	.04	21
JAN.											
13...	122	.1	6	14	1.1	.54	.21	.33	2.4	.04	19
FEB.											
10...	95	.1	0	9	.8	.42	.34	.08	1.9	.03	0
MAR.											
16...	82500	.1	0	12	1.4	.60	.47	.13	2.7	.04	110
APR.											
13...	84	.2	0	13	1.0	.57	.32	.25	2.5	.03	190
MAY											
11...	110	.1	0	9	.8	.41	.09	.32	1.8	.03	340
JUNE											
08...	248	.1	0	8	.1	.77	.43	.34	3.4	.05	97
JULY											
13...	317	.3	3	8	.3	.64	.55	.09	2.8	.02	66
AUG.											
10...	250	.2	0	10	.7	.65	.43	.22	2.9	.04	340
SEP.											
08...	108	.1	0	8	1.0	.62	.34	.28	2.7	.04	420

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED POTASSIUM (K) (MG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SODIUM ADSORPTION RATIO	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DIS-SOLVED SULFATE (SO4) (MG/L)	TURBIDITY (JTU)
OCT.											
14...	1.5	41	38	116	.06	.8	8.9	6.3	50	4.2	7
NOV.											
11...	1.4	52	47	84.8	.07	1.3	8.3	9.3	63	5.4	5
DEC.											
16...	1.3	56	38	181	.08	1.1	8.9	7.0	60	5.0	7
JAN.											
13...	1.1	39	38	236	.05	.6	7.0	5.5	43	5.6	6
FEB.											
10...	1.0	44	33	242	.06	.8	6.1	5.7	56	5.4	9
MAR.											
16...	1.1	56	40	203	.08	.8	6.0	6.3	51	5.5	9
APR.											
13...	1.1	49	44	66.3	.07	1.1	7.0	9.3	59	4.7	7
MAY											
11...	1.1	68	41	78.9	.09	1.5	7.4	10	69	6.2	8
JUNE											
08...	1.1	53	33	196	.07	.9	6.3	5.4	56	5.2	15
JULY											
13...	1.0	26	30	206	.04	.6	7.7	4.0	48	5.7	8
AUG.											
10...	1.1	63	45	80.8	.09	1.2	7.7	9.2	63	5.8	5
SEP.											
08...	1.0	62	47	47.0	.08	1.9	7.3	12	75	5.5	5

DATE	TIME	DIS-SOLVED ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED CADMIUM (CD) (UG/L)	SUS-PENDED CADMIUM (CD) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	DIS-SOLVED CHROMIUM (CR) (UG/L)	SUS-PENDED CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)
DEC.												
16...	1100	0	0	0	0	0	0	7.6	0	<10	<10	0
MAR.												
16...	1050	0	1	1	0	0	0	9.6	0	<10	<10	0
JUNE												
08...	0915	0	--	0	0	0	0	--	1	19	20	0
SEP.												
08...	0900	0	1	1	0	0	0	5.0	0	<10	<10	0

DATE	SUS-PENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED MANGANESE (MN) (UG/L)
DEC.											
16...	0	0	4	0	4	960	450	10	0	10	20
MAR.											
16...	0	0	5	0	5	1200	250	5	7	12	30
JUNE											
08...	0	0	4	0	4	1100	390	10	0	--	10
SEP.											
08...	0	0	3	0	2	1100	400	4	0	4	10

DATE	TOTAL MANGANESE (MN) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED SELENIUM (SE) (UG/L)	SUS-PENDED SELENIUM (SE) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC.											
16...	40	20	.0	.0	.0	0	0	0	10	0	10
MAR.											
16...	50	20	.1	.0	.1	0	0	0	10	10	20
JUNE											
08...	30	20	.3	--	.4	0	--	0	0	30	30
SEP.											
08...	50	40	.1	.0	.1	0	0	0	20	0	20

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
14...	1020	1050	10	29	100
NOV.					
11...	1115	604	11	19	100
DEC.					
16...	1100	1200	8	27	100
JAN.					
13...	1130	2240	2	14	100
FEB.					
10...	1100	2040	4	27	100
MAR.					
16...	1050	1340	15	55	100
APR.					
13...	1010	501	5	6.8	100
MAY					
11...	1015	430	8	9.3	100
JUNE					
08...	0915	1370	11	43	100
JULY					
13...	0915	2940	6	48	100
AUG.					
10...	0915	475	9	12	100
SEP.					
08...	0900	281	6	5.0	100

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	42	40	41	82	77	80	73	69	70	67	64	66
2	46	39	42	78	69	75	76	74	75	67	64	66
3	56	44	51	73	68	71	76	74	75	64	62	63
4	54	51	52	72	67	70	75	72	73	63	61	62
5	51	48	50	72	66	70	76	71	74	63	61	62
6	61	60	60	68	64	66	71	65	68	64	63	64
7	62	60	61	81	69	78	66	64	65	64	63	64
8	61	59	60	85	80	83	70	65	68	62	58	60
9	60	57	58	82	75	80	73	70	72	58	56	57
10	63	61	62	76	71	74	9	69	70	57	56	57
11	63	59	62	77	74	76	69	68	69	60	57	58
12	63	60	61	75	70	72	67	63	65	62	60	61
13	61	60	61	71	68	69	63	61	62	62	61	62
14	64	61	63	74	72	73	67	63	65	63	62	63
15	62	58	59	72	66	69	67	66	66	62	61	62
16	59	57	58	67	63	65	67	66	66	62	59	61
17	64	59	62	62	60	60	69	67	68	61	60	61
18	64	62	63	62	60	61	70	68	69	64	61	62
19	66	64	65	62	62	62	71	70	70	67	64	65
20	70	66	68	62	61	62	70	68	69	69	67	68
21	74	71	73	63	61	62	69	67	68	69	66	68
22	74	66	70	62	59	61	67	66	67	68	64	66
23	68	64	65	61	59	60	67	66	66	70	67	69
24	75	69	72	62	60	61	67	65	66	69	69	69
25	77	74	76	62	61	61	65	64	65	71	68	70
26	78	70	74	62	60	61	66	65	65	74	71	73
27	70	68	69	66	60	62	66	63	65	75	69	73
28	73	70	72	71	66	69	63	62	62	69	67	68
29	72	67	70	73	70	71	62	61	62	70	68	69
30	69	66	67	72	69	70	61	60	61	71	70	71
31	80	70	77	---	---	---	64	61	62	70	66	68
MONTH	80	39	63	85	59	68	76	60	67	75	56	65

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	66	64	64	76	73	75	65	61	62	85	82	83
2	65	63	64	74	68	72	69	65	67	88	85	87
3	64	62	63	69	65	67	71	66	69	87	80	83
4	62	58	60	72	65	68	69	65	68	84	80	82
5	58	57	57	75	69	72	70	66	68	80	66	72
6	58	56	57	78	73	75	69	66	68	67	63	65
7	60	58	59	75	73	74	67	64	66	67	65	66
8	62	59	61	78	73	76	68	63	65	69	66	68
9	61	60	61	80	75	77	70	68	69	72	69	70
10	60	59	59	74	66	70	71	69	71	79	72	75
11	59	59	59	70	65	68	71	69	70	80	74	77
12	62	59	60	73	69	71	74	71	73	75	67	72
13	67	61	64	72	70	71	74	66	71	69	66	67
14	67	66	67	71	66	69	68	63	65	72	69	69
15	68	66	67	72	69	70	65	61	63	72	65	70
16	69	68	69	71	65	68	76	66	72	70	66	69
17	70	68	69	65	58	62	77	74	76	69	67	68
18	69	64	68	62	59	60	76	70	72	69	66	67
19	72	66	69	63	60	61	74	67	70	66	60	63
20	74	72	73	62	59	61	74	66	70	60	58	58
21	72	70	71	60	57	59	67	64	65	59	58	59
22	72	70	71	60	57	58	69	65	67	58	56	57
23	75	73	74	58	51	55	72	64	67	57	56	56
24	75	72	74	52	49	50	74	71	73	62	57	59
25	71	68	69	51	49	50	72	66	69	69	63	66
26	72	67	69	55	50	52	75	69	72	69	67	68
27	73	70	72	60	52	57	78	72	74	75	68	71
28	70	69	70	65	59	62	19	72	74	77	75	76
29	73	70	71	69	64	67	75	69	72	75	73	74
30	---	---	---	70	64	67	84	74	80	74	71	73
31	---	---	---	65	60	62	---	---	---	77	74	76
MONTH	75	56	66	80	49	65	84	61	70	88	56	70

021320 LYNCHES RIVER AT EFFINGHAM, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C)*, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	77	75	76	51	49	50	75	72	74	81	73	76
2	77	69	73	52	50	51	77	68	74	72	68	70
3	76	69	71	55	52	54	76	61	67	90	67	78
4	76	62	67	56	54	55	80	76	79	96	90	94
5	62	56	60	54	48	51	81	74	76	98	94	96
6	60	55	57	49	47	48	89	82	86	100	96	97
7	60	59	59	52	49	51	94	88	91	103	96	100
8	60	58	60	54	52	53	93	85	90	95	69	78
9	58	54	57	54	53	53	83	79	81	67	52	56
10	55	53	54	54	52	54	79	73	75	56	52	54
11	61	55	57	54	52	53	73	66	69	87	52	64
12	71	61	66	51	47	49	74	67	70	98	88	92
13	75	71	73	48	46	47	74	70	73	102	97	100
14	79	75	77	49	48	49	70	68	68	101	95	99
15	79	71	75	53	49	51	72	68	70	94	71	82
16	74	69	71	59	53	56	79	73	76	70	53	60
17	81	75	79	62	59	61	83	78	80	75	52	59
18	81	76	78	66	62	64	81	73	77	95	76	85
19	76	60	69	70	65	67	73	69	71	95	78	88
20	60	49	55	71	69	70	90	74	84	77	69	72
21	49	47	48	73	71	72	88	82	85	83	70	74
22	49	47	48	76	72	73	86	76	80	83	65	75
23	50	49	50	83	76	80	76	74	74	64	59	61
24	50	50	50	82	74	78	77	71	76	81	61	72
25	54	51	52	77	75	76	71	69	69	88	81	85
26	57	54	55	78	74	76	73	65	68	90	86	87
27	54	44	49	78	75	76	83	74	81	90	85	88
28	45	42	44	76	70	73	89	83	86	84	75	77
29	49	46	47	74	69	71	101	87	94	76	57	68
30	49	48	49	83	74	78	100	94	97	59	49	53
31	---	---	---	84	76	81	93	83	87	---	---	---
MONTH	81	42	61	84	46	62	101	61	78	103	49	78
YEAR	103	39	68									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02132000 LYNCHES RIVER AT EFFINGHAM, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	24.0	22.0	23.0	24.0	23.0	23.5	27.5	26.0	26.5	24.0	22.5	23.0
2	23.5	22.5	23.0	23.5	23.0	23.0	27.5	25.0	26.5	24.5	23.0	23.5
3	23.0	22.0	22.5	24.0	23.0	23.5	25.0	23.0	24.0	24.0	23.0	23.5
4	22.0	19.5	20.5	24.0	23.0	23.5	24.5	23.0	23.5	24.0	22.5	23.0
5	19.5	18.0	18.5	23.5	21.5	22.5	24.5	23.5	24.0	23.5	23.0	23.5
6	18.0	17.0	17.5	22.0	21.5	22.0	25.5	23.5	24.5	24.0	22.5	23.0
7	18.5	17.0	18.0	22.0	21.5	22.0	25.0	23.5	24.5	23.5	22.5	23.0
8	19.5	17.5	18.5	22.5	21.5	22.0	25.0	23.5	24.5	24.0	22.0	23.0
9	20.0	19.0	19.5	23.5	22.0	23.0	25.0	23.5	24.0	24.5	23.0	23.5
10	21.0	19.5	20.0	24.0	23.0	23.5	25.0	23.5	24.5	24.0	23.0	23.5
11	21.0	20.0	20.5	24.0	23.5	24.0	25.0	24.0	24.5	23.0	21.5	22.5
12	22.5	20.5	21.5	24.5	23.5	24.0	25.5	24.0	24.5	22.0	20.5	21.5
13	24.0	22.0	23.0	25.0	24.0	24.5	25.5	24.0	25.0	21.5	20.5	21.0
14	24.5	23.0	23.5	24.5	24.0	24.0	25.5	24.5	25.0	21.0	20.5	20.5
15	23.5	23.0	23.0	24.5	23.0	24.0	26.0	24.5	25.5	22.0	20.5	21.0
16	24.0	22.0	23.0	25.5	24.0	24.5	27.0	25.0	26.0	22.0	21.0	21.5
17	24.0	23.0	23.5	25.5	24.0	25.0	26.5	25.5	26.0	22.5	21.0	22.0
18	23.5	22.0	23.0	25.0	24.0	24.5	26.0	24.5	25.0	22.5	21.5	22.0
19	23.0	22.5	23.0	25.0	24.0	24.5	25.0	24.0	24.5	22.5	21.0	21.5
20	23.0	22.5	22.5	26.0	24.0	25.0	23.5	22.0	23.0	22.0	21.0	21.5
21	22.5	22.0	22.5	26.0	24.5	25.5	22.5	22.0	22.5	22.0	21.0	21.5
22	22.5	21.5	22.0	26.5	24.5	25.5	23.5	22.0	22.5	22.0	21.0	21.5
23	22.0	21.5	21.5	26.5	25.5	26.0	25.0	23.0	24.0	21.5	20.0	21.0
24	22.0	21.0	21.5	27.0	25.0	26.0	25.5	24.0	25.0	21.5	20.0	21.0
25	23.0	21.5	22.0	27.5	25.5	26.5	26.5	24.5	25.5	21.5	20.5	21.0
26	23.5	22.5	23.0	27.0	26.0	26.5	26.0	24.5	25.5	21.5	20.5	21.0
27	23.5	23.0	23.0	27.0	25.0	26.0	25.5	24.5	25.0	23.0	21.0	22.0
28	23.0	22.5	23.0	27.0	25.5	26.0	26.0	24.5	25.0	23.0	22.5	22.5
29	23.5	22.5	23.0	27.5	25.5	26.5	26.0	24.5	25.5	22.5	22.0	22.0
30	24.0	23.0	23.5	28.0	26.0	27.0	25.0	24.5	25.0	22.5	21.5	22.0
31	---	---	---	27.5	26.0	27.0	24.5	23.0	23.5	---	---	---
MONTH	24.5	17.0	22.0	28.0	21.5	24.5	27.5	22.0	24.5	24.5	20.0	22.0
YEAR	28.0	1.5	17.0									

02135000 LITTLE PEE DEE RIVER AT GALIVANTS FERRY, S.C.

LOCATION.--Lat 34°03'25", long 79°14'50", Horry-Marion County line, Hydrologic Unit 03040204, near left bank on downstream side of bridge on U.S. Highway 501, at Galivants Ferry, 1.0 mi (1.6 km) downstream from Lake Swamp, and at mile 41.7 (67.1 km).

DRAINAGE AREA.--2,790 mi^2 (7,230 km), approximately.

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

GAGE.--Water-stage recorder. Datum of gage is 23.95 ft (7.300 m) above mean sea level. Prior to July 26, 1967, nonrecording gage and crest-stage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--35 years, 3,245 ft^3/s (91.90 m^3/s), 15.79 in/yr (401 mm/yr).

EXTREMES FOR PERIOD OF RECORD.-- Maximum discharge, 27,600 ft^3/s (782 m^3/s) Oct. 9, 10, 1964, gage height, 13.01 ft (3.965 m); minimum, 155 ft^3/s (4.39 m^3/s) Oct. 12, 13, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 16.0 ft (4.877 m) in September 1928, from floodmark set by local resident.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,030 ft^3/s (227 m^3/s) Feb. 4, gage height, 9.91 ft (3.021 m); minimum, 414 ft^3/s (11.7 m^3/s) Sept. 14, gage height, 3.82 ft (1.164 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3130	1460	1880	4760	6220	2630	3300	663	1250	3460	648	512
2	3680	1370	1890	5170	7100	2560	3090	666	1100	3740	630	500
3	4120	1290	1880	5690	7700	2500	2880	663	1060	3840	669	485
4	4340	1230	1860	6080	8000	2450	2680	663	1120	3800	717	472
5	4520	1180	1850	6280	8000	2400	2520	666	1240	3800	825	465
6	4640	1130	1850	6360	7850	2340	2370	681	1290	3660	776	457
7	4690	1090	1840	6470	7850	2290	2240	714	1430	4020	687	452
8	4720	1060	1830	6680	7790	2230	2120	796	1750	4770	642	444
9	5040	1040	1830	6710	7700	2220	2010	885	1930	5910	624	438
10	4740	1020	1820	6890	7450	2230	1930	920	2000	6970	595	436
11	4430	1010	1810	7010	7140	2280	1820	925	2010	7390	595	432
12	4140	1010	1810	7010	6750	2390	1720	930	1980	7530	606	426
13	3820	1020	1820	6980	6360	2520	1610	910	1900	7360	621	420
14	3490	1050	1820	6980	5960	2580	1510	900	1790	6720	639	416
15	3200	1080	1840	6950	5570	2710	1420	925	1690	5960	654	434
16	2990	1130	1870	6500	5180	2980	1330	1050	1610	5180	651	446
17	2840	1160	1980	6500	4850	3190	1250	1120	1510	4360	648	450
18	2780	1190	2170	6500	4520	3500	1180	1200	1440	3740	627	448
19	2700	1230	2310	6220	4280	3940	1110	1190	1300	3190	615	448
20	2630	1290	2560	5940	4040	4260	1040	1190	1210	2690	621	452
21	2550	1350	2760	5660	3800	4470	970	1230	1260	2330	651	457
22	2430	1420	2960	5120	3580	4720	920	1320	1380	1980	627	465
23	2340	1500	3100	5120	3390	4930	865	1470	1590	1580	606	472
24	2240	1590	3230	5120	3220	5070	810	1670	1820	1230	609	485
25	2160	1640	3360	4860	3100	4980	760	1770	1970	1000	609	490
26	2070	1700	3620	4620	2980	4800	728	1790	2170	855	587	490
27	1990	1770	3740	4380	2880	4550	699	1760	2390	772	565	487
28	1900	1810	3900	4380	2780	4300	681	1690	2610	732	547	482
29	1790	1840	4090	4860	2700	4020	666	1620	2800	714	532	477
30	1680	1870	4270	5660	---	3780	654	1520	3120	702	527	482
31	1560	---	4500	5660	---	3520	---	1390	---	678	520	---
TOTAL	99350	39530	78050	183120	158740	103340	46883	34887	51720	110663	19470	13820
MEAN	3205	1318	2518	5907	5474	3334	1563	1125	1724	3570	628	461
MAX	5040	1870	4500	7010	8000	5070	3300	1790	3120	7530	825	512
MIN	1560	1010	1810	4380	2700	2220	654	663	1060	678	520	416
CFSM	1.15	.47	.90	2.12	1.96	1.19	.56	.40	.62	1.28	.23	.17
IN.	1.32	.53	1.04	2.44	2.12	1.38	.63	.47	.69	1.48	.26	.18

CAL YR 1975 TOTAL 1500292 MEAN 4110 MAX 12800 MIN 929 CFSM 1.47 IN 20.00
WTR YR 1976 TOTAL 939573 MEAN 2567 MAX 8000 MIN 416 CFSM .92 IN 12.53

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.
(Hydrologic bench-mark station)

LOCATION.--Lat 34°09'02", long 80°18'18", Lee County, Hydrologic Unit 03040205, at bridge on U.S. Highway 15, 0.1 mi (0.2 km) downstream from Beaverdam Creek, 0.9 mi (1.4 km) upstream from Seaboard Coast Line Railroad bridge and 5.8 mi (9.3 km) southwest of Bishopville.

DRAINAGE AREA.--70 mi^2 (181 km^2), approximately.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Altitude of gage is 170 ft (52 m) (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--8 years, 112 ft^3/s (3.17 m^3/s), 21.73 in/yr (552 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,330 ft^3/s (37.7 m^3/s), Mar. 5, 1971, gage height, 8.09 ft (2.466 m); minimum daily, 6.7 ft^3/s (0.19 m^3/s) July 21, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft^3/s (14.2 m^3/s) and maximum.
No peaks above base.
Maximum discharge, 490 ft^3/s (13.9 m^3/s) June 20, gage height, 6.60 ft (2.012 m).
Minimum daily, 16 ft^3/s (0.45 m^3/s) Aug. 18-20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	46	79	230	220	78	85	75	34	263	34	52
2	69	45	97	234	222	77	83	108	30	184	37	46
3	65	45	101	224	243	76	78	109	46	167	40	38
4	58	47	100	202	254	75	71	105	91	157	39	34
5	54	53	98	172	242	75	68	97	147	186	35	32
6	51	54	91	150	210	92	65	51	270	283	34	31
7	49	61	85	137	180	109	63	37	198	336	30	30
8	65	95	88	186	160	112	61	41	135	336	42	27
9	208	97	96	243	143	126	59	53	88	324	43	26
10	232	88	112	268	130	132	56	48	43	255	32	25
11	228	108	116	260	122	122	54	46	35	190	28	24
12	186	122	113	220	117	114	52	83	37	158	25	22
13	153	156	107	186	113	139	50	94	48	126	22	21
14	119	208	98	161	109	157	49	98	57	90	20	24
15	84	250	87	146	106	156	48	146	42	60	18	73
16	67	253	83	131	103	200	47	342	34	47	17	98
17	63	210	104	128	101	278	45	318	210	39	17	94
18	67	164	144	126	98	308	43	333	303	34	16	78
19	67	132	160	121	97	303	40	238	342	39	16	65
20	65	108	163	116	95	248	39	164	414	35	16	47
21	61	92	156	113	94	196	36	116	357	32	26	40
22	58	83	144	110	95	161	35	73	434	30	55	39
23	54	78	125	106	99	139	34	51	372	28	63	35
24	52	76	107	104	96	121	31	69	288	28	50	33
25	57	74	94	102	93	109	30	82	212	30	38	31
26	55	72	122	101	90	100	29	74	160	30	31	31
27	57	71	143	140	85	94	35	65	123	45	27	37
28	55	72	151	226	82	93	35	52	131	59	24	41
29	50	71	150	290	79	91	30	51	310	63	39	45
30	50	70	158	303	---	90	29	47	389	61	86	78
31	48	---	200	263	---	88	---	41	---	42	64	---
TOTAL	2619	3101	3671	5499	3878	4259	1480	3307	5380	3757	1064	1297
MEAN	84.5	103	118	177	134	137	49.3	107	179	121	34.3	43.2
MAX	232	253	200	303	254	308	85	342	434	336	86	98
MIN	48	45	78	101	79	75	29	37	30	28	16	21
CFSM	1.21	1.47	1.69	2.53	1.91	1.96	.70	1.53	2.56	1.73	.49	.62
IN.	1.39	1.65	1.95	2.92	2.06	2.26	.79	1.76	2.86	2.00	.57	.69

CAL YR 1975 TOTAL 53887 MEAN 148 MAX 749 MIN 23 CFSM 2.11 IN 28.64
WTR YR 1976 TOTAL 39312 MEAN 107 MAX 434 MIN 16 CFSM 1.53 IN 20.89

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.--Continued

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	CARBONATE (CO3) (MG/L)
OCT. 14...	0905	20.0	5.8	30	5.5	6	7	2.6	35	0
NOV. 19...	0945	9.0	9.6	27	5.8	0	0	2.0	.0	0
DEC. 16...	0945	9.0	9.3	25	5.9	1	1	2.6	2.0	0
JAN. 13...	0950	3.0	12.0	25	5.9	0	0	.6	.0	0
FEB. 10...	0930	4.0	11.2	24	6.0	2	3	.1	4.8	0
MAR. 23...	0940	10.5	10.5	23	5.6	0	0	2.2	.0	0
APR. 28...	0945	15.0	8.8	26	6.0	0	0	.9	.0	0
MAY 19...	0945	17.0	7.2	24	5.2	0	0	1.4	.0	0
JUNE 24...	0830	21.0	6.5	23	5.3	2	3	1.0	24	0
JULY 22...	0815	22.5	7.3	26	5.9	3	4	2.0	8.1	0
AUG. 19...	0835	20.0	7.8	27	6.1	2	2	.9	2.5	0
SEP. 21...	0845	20.0	7.5	30	6.1	8	10	1.2	13	0

DATE	DISSOLVED CHLORIDE (CL) (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	DISSOLVED FLUORIDE (F) (MG/L)	NONCARBONATE HARDNESS (MG/L)	HARDNESS (CA,MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)
OCT. 14...	4.7	527	60	307	.1	4	10	.8	.02	.02
NOV. 19...	5.1	686	95	780	.2	5	5	.0	.00	.02
DEC. 16...	5.1	550	36	140	.0	7	8	.4	.07	.01
JAN. 13...	3.8	[illegible]	118	155	.0	4	4	.5	.04	.02
FEB. 10...	4.0	>1	820	68	.1	0	1	.2	.04	.02
MAR. 23...	4.3	588	35	110	.1	8	8	.6	.01	.03
APR. 28...	3.9	888	8300	8880	.1	4	4	.5	.19	.01
MAY 19...	3.8	420	43	112	.1	6	6	.5	.01	.02
JUNE 24...	3.6	8280	90	400	.1	0	3	.1	.01	.01
JULY 22...	3.7	457	79	8550	.1	3	6	.2	.31	.01
AUG. 19...	4.0	457	100	395	.1	1	3	.1	.39	.02
SEP. 21...	4.3	414	90	182	.1	0	5	.6	--	.00

DATE	DISSOLVED POTASSIUM (K) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	DISSOLVED SOLIDS (TONS PER AC-FT)	DISSOLVED SODIUM (NA) (MG/L)	SODIUM ADSORPTION RATIO	PERCENT SODIUM	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
OCT. 14...	.7	34	28	10.1	.05	2.5	.3	34	9.9	3.2
NOV. 19...	.6	60	22	19.4	.08	2.4	.5	48	8.8	3.1
DEC. 16...	.4	11	23	2.11	.02	2.7	.4	40	7.9	2.9
JAN. 13...	.5	12	17	5.25	.02	2.4	.6	55	5.8	3.7
FEB. 10...	.4	21	14	6.29	.03	2.6	1.1	78	2.5	2.3
MAR. 23...	.4	35	16	11.3	.05	2.5	.4	39	3.1	2.7
APR. 28...	.4	33	16	3.12	.04	2.9	.6	57	4.8	2.7
MAY 19...	.5	33	19	21.8	.04	2.4	.4	46	5.4	4.7
JUNE 24...	.5	32	18	24.0	.04	1.7	.4	51	5.6	3.6
JULY 22...	.3	38	24	2.77	.05	3.9	.7	58	7.8	4.0
AUG. 19...	.5	32	20	1.38	.04	2.9	.8	66	7.6	3.2
SEP. 21...	.6	47	28	4.44	.06	2.9	.5	50	11	2.7

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL ARSENIC (AS) (UG/L)	TOTAL BARIUM (BA) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL COPPER (CU) (UG/L)	CYANIDE (CN) (MG/L)
NOV. 19...	0945	0	0	0	<10	2	.00
MAY 19...	0945	1	0	0	20	0	.00

DATE	TOTAL IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	TOTAL SILVER (AG) (UG/L)	TOTAL ZINC (ZN) (UG/L)
NOV. 19...	990	7	10	.3	0	0	10
MAY 19...	810	10	10	.2	0	0	10

DATE	TIME	DISSOLVED RA-226 (RADON METHOD) (PC/L)	DISSOLVED URANIUM (U) (UG/L)	DISSOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUSPENDED GROSS ALPHA AS U-NAT. (UG/L)	DISSOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUSPENDED GROSS BETA AS SR90 /Y90 (PC/L)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NONFILTRABLE RESIDUE (MG/L)
NOV. 19...	0945	.06	.04	.7	.4	1.6	<.4	1.9	<.4	38	4

DATE	TIME	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)
NOV. 19...	0945	.00	.0	.0	0	.00	.5	.00	.4	.00	.2

DATE	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MATERIAL (UG/KG)
NOV. 19...	.00	.3	.00	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MATERIAL (UG/KG)	TOTAL SILVEX (UG/L)	TOTAL TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)
NOV. 19...	.00	.00	.00	.0	0	.00	0	0	.00	.00

02135300 SCAPE ORE SWAMP NEAR BISHOPVILLE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
14...	0905	110	4	1.2	100
NOV.					
19...	0945	120	3	1.3	100
DEC.					
16...	0945	71	3	.73	100
JAN.					
13...	0950	162	2	.87	100
FEB.					
10...	0930	111	3	.96	100
MAR.					
23...	0940	120	4	1.4	100
APR.					
28...	0945	35	9	.85	100
MAY					
19...	0945	245	1	.66	100
JUNE					
24...	0830	278	5	4.1	100
JULY					
22...	0815	27	3	.25	100
AUG.					
19...	0835	16	3	.15	100
SEP.					
21...	0845	35	1	.17	100

02135500 BLACK RIVER NEAR GABLE, S.C.

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 mi (1.6 km) downstream from Church Branch, 6.3 mi (10.1 km) northwest of Gable, and at mile 123.1 (198.1 km).

DRAINAGE AREA.--401 mi^2 (1,039 km^2).

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

GAGE.--Water-stage recorder. Altitude of gage is 95 ft (29 m) (from topographic map). Crest-stage station October 1970 to September 1971 at same site and datum. Prior to Dec. 9, 1955, wire-weight gage at same site and datum.

REMARKS.--Records good except those below 100 ft^3/s (2.83 m^3/s) which are fair.

AVERAGE DISCHARGE.--18 years, 402 ft^3/s (11.38 m^3/s), 13.61 in/yr (346 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft^3/s (354 m^3/s) Mar. 5, 1971, gage height, 6.82 ft (2.079 m); maximum gage height 6.92 ft (2.109 m) June 13, 1973; no flow for several days in 1954, 1956, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,060 ft^3/s (86.7 m^3/s) June 20, gage height, 5.12 ft (1.561 m); minimum daily 22 ft^3/s (0.623 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	450	118	221	710	970	275	270	112	194	516	86	110
2	420	115	230	810	937	270	257	149	177	385	207	124
3	383	115	234	850	904	266	243	165	552	327	333	115
4	313	115	230	820	893	261	230	157	1010	435	261	84
5	268	118	230	760	850	257	216	136	1190	893	142	70
6	232	118	230	700	790	252	203	121	1180	1350	84	61
7	200	121	225	651	730	243	194	112	830	2160	60	52
8	239	139	230	820	680	248	185	207	597	2390	55	40
9	401	181	266	1010	624	288	177	281	427	1690	56	35
10	401	275	344	1280	579	340	165	234	346	1180	73	31
11	420	379	353	1250	525	340	153	185	333	893	270	27
12	383	346	346	1130	480	327	139	169	307	720	307	24
13	356	353	333	1000	442	353	130	169	261	570	234	22
14	440	366	314	904	420	379	121	173	230	427	139	36
15	480	346	294	810	405	372	115	248	203	327	77	157
16	420	333	288	730	385	480	107	489	230	261	53	181
17	347	346	346	670	379	615	99	1200	288	221	39	157
18	305	359	427	606	372	893	88	1680	516	181	30	136
19	275	372	489	561	366	1040	81	1420	1740	161	24	110
20	245	379	624	534	353	959	77	1070	2810	139	24	96
21	243	359	597	507	346	830	70	790	1900	115	49	93
22	225	327	552	465	353	720	66	597	1380	93	61	86
23	207	294	507	450	359	606	60	465	1540	81	61	75
24	185	275	457	435	346	516	53	450	1690	99	53	64
25	169	261	420	427	333	450	49	427	1490	207	49	58
26	157	248	489	427	320	398	44	379	1300	216	52	50
27	145	239	534	516	301	359	40	333	1080	181	47	47
28	139	230	570	670	294	333	37	294	1300	198	40	44
29	136	221	579	882	288	314	35	266	1010	165	53	46
30	130	212	579	1070	---	301	43	243	740	139	115	58
31	121	---	651	1050	---	281	---	216	---	107	107	---
TOTAL	8835	7660	12191	23505	15024	13566	3747	12937	26851	16827	3241	2289
MEAN	285	255	393	758	518	438	125	417	895	543	105	76.3
MAX	480	379	651	1280	970	1040	270	1680	2810	2390	333	181
MIN	121	115	221	427	288	243	35	112	177	81	24	22
CFSM	.71	.64	.98	1.89	1.29	1.09	.31	1.04	2.23	1.35	.26	.19
IN.	.82	.71	1.13	2.18	1.39	1.26	.35	1.20	2.49	1.56	.30	.21

CAL YR 1975 TOTAL 219273 MEAN 601 MAX 2760 MIN 38 CFSM 1.50 IN 20.34
WTR YR 1976 TOTAL 146673 MEAN 401 MAX 2810 MIN 22 CFSM 1.00 IN 13.61

02136000 BLACK RIVER AT KINGSTREE, S.C.
(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 (1.6 km) downstream from Kingstree Swamp Canal, and at mile 86.7 (139.5 km).

DRAINAGE AREA.--1,260 mi^2, (3,260 km^2), approximately.

WATER-DISCHARGE RECORDS

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

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

GAGE.--Water-stage recorder. Datum of gage is 25.66 ft (7.821 m) above mean sea level. Prior to Nov. 7, 1934, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--47 years, 934 ft^3/s (26.45 m^3/s), 10.07 in/yr (256 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58,000 ft^3/s (1,640 m^3/s) June 14, 1973, gage height, 19.77 ft (6.026 m); minimum, 2.0 ft^3/s (0.06 m^3/s) Sept. 12-15, Oct. 7, 8, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,490 ft^3/s (184 m^3/s) July 9, gage height, 12.24 ft (3.731 m); minimum, 105 ft^3/s (2.97 m^3/s) April 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	780	253	466	1400	2100	830	1020	110	1000	3610	334	189
2	780	236	442	1500	2280	800	920	125	848	3500	296	208
3	758	223	423	1510	2430	768	833	152	733	3530	280	223
4	730	216	407	1510	2590	740	763	166	690	2960	303	226
5	698	212	392	1520	2680	710	690	169	815	2690	364	224
6	658	206	378	1540	2700	685	632	164	980	2630	455	222
7	630	214	369	1580	2580	660	576	156	1260	3090	552	220
8	600	222	369	1740	2400	634	527	152	1580	4550	622	212
9	612	226	378	1880	2240	620	483	160	1760	6260	632	201
10	630	237	404	1990	2090	616	445	185	1780	5860	569	187
11	606	243	433	1960	1950	622	412	222	1710	5360	507	172
12	576	253	462	1990	1820	640	381	257	1530	5100	482	155
13	578	270	476	2040	1710	688	352	293	1340	4680	405	144
14	571	304	503	2120	1570	740	322	308	1190	3960	327	137
15	559	372	521	2200	1480	798	297	348	1050	3000	312	153
16	540	432	536	2250	1390	878	274	416	932	2410	327	195
17	518	466	569	2240	1290	1000	252	525	830	2020	307	281
18	509	492	642	2160	1210	1210	233	612	800	1700	261	352
19	514	531	710	2040	1160	1430	216	670	815	1400	220	412
20	536	567	773	1920	1110	1670	201	725	908	1160	197	423
21	546	596	815	1790	1050	1890	186	805	1320	971	192	380
22	531	604	857	1670	1000	2020	176	956	1920	823	199	332
23	500	608	887	1530	996	2070	164	1350	2610	698	216	294
24	471	614	911	1420	974	2080	153	1990	3610	592	227	272
25	440	610	932	1320	959	2040	143	2280	3790	485	227	258
26	412	604	1020	1250	935	1940	133	2290	3470	407	219	252
27	381	584	1120	1260	911	1780	125	2190	3160	351	205	254
28	351	559	1200	1340	890	1610	117	1980	3470	333	192	253
29	321	525	1230	1520	863	1430	110	1720	4080	367	181	258
30	296	496	1220	1700	---	1270	105	1430	4060	407	176	261
31	272	---	1290	1880	---	1130	---	1190	---	388	180	---
TOTAL	16904	11975	21135	53770	47358	35999	11241	24096	54041	75292	9966	7350
MEAN	545	399	682	1735	1633	1161	375	777	1801	2429	321	245
MAX	780	614	1290	2250	2700	2080	1020	2290	4080	6260	632	423
MIN	272	206	369	1250	863	616	105	110	690	333	176	137
CFSM	.43	.32	.54	1.38	1.30	.92	.30	.62	1.43	1.93	.25	.19
IN.	.50	.35	.62	1.59	1.40	1.06	.33	.71	1.60	2.22	.29	.22

CAL YR 1975 TOTAL 571794 MEAN 1567 MAX 7050 MIN 206 CFSM 1.24 IN 16.88
WTR YR 1976 TOTAL 369127 MEAN 1009 MAX 6260 MIN 105 CFSM .80 IN 10.90

02136000 BLACK RIVER AT KINGSTREE, S.C.--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1975 to current year.
WATER TEMPERATURE: April 1975 to current year.

INSTRUMENTATION.--Servo Programmer since April 1975.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 153 micromhos Sept. 15, 1975; minimum, 49 micromhos June 30, 1976.
WATER TEMPERATURE: Maximum, 29.0°C Aug. 26, 1975; minimum, 2.0°C Jan. 20, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 153 micromhos Sept. 15; minimum, 49 micromhos June 30.
WATER TEMPERATURE: Maximum, 28.0°C July 30, Aug. 1; minimum 2.0°C Jan. 20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT.												
14...	1120	21.5	6.6	71	6.6	10	12	3.4	0	8.8	4.8	58
NOV.												
11...	1300	21.0	7.1	90	7.2	16	20	4.8	0	11	2.0	43
DEC.												
16...	1300	11.0	9.2	69	6.4	8	10	2.8	0	8.8	6.4	64
JAN.												
13...	1230	6.0	11.9	61	7.0	6	7	3.5	0	9.7	1.1	92
FEB.												
10...	1300	7.0	10.7	61	6.7	8	10	2.5	0	8.8	3.2	55
MAR.												
16...	1240	13.5	8.6	70	6.5	8	10	3.8	0	9.5	5.1	157
APR.												
13...	1110	15.0	9.3	71	6.7	11	14	4.4	0	8.8	4.5	100
MAY												
11...	1145	20.0	8.2	80	6.8	13	16	3.5	0	7.9	4.1	B1813
JUNE												
08...	1030	19.0	7.1	52	6.1	8	10	3.6	0	6.7	13	148
JULY												
13...	1010	24.5	5.1	49	6.0	8	10	4.0	0	6.9	16	73
AUG.												
10...	1030	24.0	6.5	75	6.6	12	15	3.8	0	8.5	6.0	630
SEP.												
08...	1030	23.0	7.7	94	6.9	21	26	3.5	0	10	5.2	55

DATE	STREPTOCOCCI (COLONIES PER 100 ML)	DISSOLVED FLUORIDE (F) (MG/L)	NONCARBONATE HARDNESS (MG/L)	HARDNESS (CA,MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)
OCT.											
14...	151	.2	2	12	.8	.61	.59	.02	2.7	.15	16
NOV.											
11...	112	.3	0	17	1.1	.74	.69	.05	3.3	.21	98
DEC.											
16...	300	.1	1	9	.5	.38	.36	.02	1.7	.09	80
JAN.											
13...	162	.6	8	13	1.1	.37	.31	.06	1.6	.05	7
FEB.											
10...	76	.2	1	10	.8	.47	.46	.01	2.1	.03	110
MAR.											
16...	400	.2	7	15	1.4	.44	.39	.05	1.9	.10	110
APR.											
13...	76	.3	3	15	.9	.65	.55	.10	2.9	.10	110
MAY											
11...	B1680	.3	0	13	1.0	.72	.54	.18	3.2	.14	350
JUNE											
08...	373	.2	1	9	.1	.58	.53	.05	2.6	.06	190
JULY											
13...	210	.2	3	11	.3	.81	.70	.11	3.6	.05	210
AUG.											
10...	480	.2	1	14	1.0	.83	.74	.09	3.7	.13	930
SEP.											
08...	118	.2	0	15	1.5	.59	.49	.10	2.6	.18	180

02136000 BLACK RIVER AT KINGSTREE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SODIUM AD-SORP-TION RATIO	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DIS-SOLVED SULFATE (SO4) (MG/L)	TUR-BID-ITY (JTU)
OCT.											
14...	2.3	61	44	103	.08	.9	10	7.2	52	5.3	2
NOV.											
11...	2.4	53	54	27.6	.07	1.2	10	11	55	6.0	2
DEC.											
16...	1.8	76	42	114	.10	1.1	9.0	7.5	59	5.9	2
JAN.											
13...	1.4	52	39	289	.07	.7	6.2	5.7	45	7.6	3
FEB.											
10...	1.2	49	32	274	.07	.8	2.0	5.6	52	5.7	3
MAR.											
16...	1.4	66	36	154	.09	.8	3.2	6.8	46	4.2	2
APR.											
13...	1.2	64	40	60.3	.09	1.0	3.7	8.6	54	5.1	5
MAY											
11...	1.4	79	47	46.9	.11	1.0	5.6	8.5	56	11	4
JUNE											
08...	1.0	58	34	252	.08	.7	6.0	4.8	49	6.4	9
JULY											
13...	1.2	60	36	761	.08	.5	7.1	4.0	41	7.1	3
AUG.											
10...	1.6	79	47	118	.11	.9	8.7	7.3	50	8.4	4
SEP.											
08...	2.2	77	54	39.7	.10	1.1	9.4	10	55	6.4	2

DATE	TIME	DIS-SOLVED ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)
DEC.												
16...	1300	0	0	0	3	0	--	10	0	<10	<10	0
MAR.												
16...	1240	1	0	1	1	0	1	13	0	<10	<10	0
JUNE												
08...	1030	0	--	1	0	0	0	9.0	2	8	10	0
SEP.												
08...	1030	1	0	0	0	0	0	8.8	0	<10	<10	0

DATE	SUS-PENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED MAN-GANESE (MN) (UG/L)
DEC.											
16...	0	0	1	9	10	510	260	9	3	12	0
MAR.											
16...	0	0	0	0	0	650	290	10	0	10	20
JUNE											
08...	0	0	1	0	1	610	400	5	0	5	0
SEP.											
08...	0	0	0	0	0	580	380	3	1	4	0

DATE	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC.											
16...	10	10	.0	.1	.1	0	0	0	10	0	--
MAR.											
16...	20	0	.0	.0	.0	0	0	0	0	10	10
JUNE											
08...	10	10	.3	--	.3	0	--	0	0	20	20
SEP.											
08...	30	30	.2	.0	.2	0	0	0	30	0	20

02136000 BLACK RIVER AT KINGSTREE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
14...	1120	623	5	9.1	100
NOV.					
11...	1300	193	4	2.1	100
DEC.					
16...	1300	557	2	4.2	100
JAN.					
13...	1230	2060	2	14	100
FEB.					
10...	1300	2070	1	7.3	100
MAR.					
16...	1240	863	2	4.7	100
APR.					
13...	1110	349	8	7.5	100
MAY					
11...	1145	220	2	1.2	100
JUNE					
08...	1030	1610	8	35	100
JULY					
13...	1010	4700	3	38	100
AUG.					
10...	1030	554	6	9.0	100
SEP.					
08...	1030	191	1	.77	100

02136000 BLACK RIVER AT KINGSTREE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	64	63	64	81	79	80	76	75	76	74	70	72
2	64	63	63	82	81	82	78	76	77	76	74	75
3	65	63	64	82	81	82	79	78	79	76	72	74
4	70	64	66	82	80	81	81	79	80	77	72	74
5	72	70	71	81	79	80	81	80	81	79	75	76
6	70	68	70	80	78	79	81	79	80	79	75	78
7	69	68	69	82	78	80	80	78	79	78	74	76
8	70	68	70	87	82	84	80	78	79	74	72	74
9	71	70	71	83	81	82	---	---	---	77	74	75
10	70	70	70	81	80	81	80	76	78	77	72	75
11	71	70	71	82	77	81	76	75	76	77	71	74
12	71	70	71	83	80	82	75	75	75	77	71	76
13	70	69	69	83	78	82	75	74	74	80	71	75
14	70	69	69	82	80	81	74	73	73	74	70	73
15	70	69	69	80	79	80	73	71	72	79	75	77
16	70	70	70	79	76	77	73	71	72	80	71	76
17	71	70	70	76	75	76	74	73	74	81	76	78
18	71	69	71	75	75	75	74	72	73	84	78	81
19	70	68	69	77	75	77	73	72	73	82	73	78
20	69	66	67	78	77	78	73	71	73	77	70	73
21	68	67	68	77	76	76	73	71	73	72	70	71
22	70	68	69	76	75	76	73	73	73	74	71	73
23	70	69	69	76	75	75	73	73	73	74	72	73
24	69	68	69	76	75	75	73	73	73	73	72	72
25	70	69	69	75	74	74	73	72	73	74	73	74
26	71	69	70	75	74	74	73	71	72	74	71	73
27	71	70	70	75	74	74	74	72	73	72	71	72
28	74	71	73	75	74	75	75	73	74	72	70	71
29	75	73	73	76	75	76	76	75	76	71	69	70
30	77	75	76	78	76	77	76	74	75	75	69	71
31	79	76	77	---	---	---	74	70	73	78	70	74
MONTH	79	63	70	87	74	78	81	70	75	84	69	74

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	76	69	73	---	---	---	69	67	68	106	97	104
2	79	69	71	---	---	---	70	69	70	105	91	98
3	79	68	74	---	---	---	72	70	71	91	84	87
4	80	68	74	---	---	---	72	70	71	90	83	86
5	77	69	73	---	---	---	73	72	72	85	82	83
6	74	67	69	---	---	---	74	73	74	83	79	81
7	79	71	75	---	---	---	75	74	75	81	78	79
8	75	67	70	---	---	---	75	74	75	81	79	80
9	78	73	75	---	---	---	75	75	75	82	80	81
10	78	69	72	---	---	---	76	75	75	81	77	79
11	74	69	71	---	---	---	75	74	75	79	77	78
12	75	73	74	---	---	---	77	75	76	78	76	77
13	75	69	72	---	---	---	78	76	77	78	74	75
14	74	71	73	---	---	---	78	77	77	76	73	75
15	74	69	71	---	---	---	79	77	78	78	74	75
16	72	69	70	---	---	---	79	77	78	77	75	76
17	71	69	70	---	---	---	80	77	78	75	73	74
18	71	70	70	---	---	---	80	79	80	72	71	73
19	---	---	---	---	---	---	82	79	81	72	71	72
20	---	---	---	---	---	---	83	81	82	71	70	71
21	---	---	---	---	---	---	82	81	82	70	69	70
22	---	---	---	---	---	---	84	81	82	69	67	68
23	---	---	---	---	---	---	85	82	83	67	65	66
24	---	---	---	69	67	68	86	83	85	71	64	67
25	---	---	---	70	66	68	89	86	87	69	64	66
26	---	---	---	71	69	70	91	89	90	67	60	64
27	---	---	---	70	68	69	96	91	94	71	59	66
28	---	---	---	70	68	69	100	96	98	69	60	64
29	---	---	---	70	68	69	103	96	99	66	59	61
30	---	---	---	69	68	68	105	96	102	68	60	63
31	---	---	---	69	67	67	---	---	---	67	63	65
MONTH	---	---	---	---	---	---	105	67	80	106	59	75

02136000 BLACK RIVER AT KINGSTREE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	67	64	65	60	50	55	69	65	67	95	91	93
2	68	66	67	62	50	53	70	69	69	93	88	91
3	72	52	69	60	50	55	73	70	71	89	83	86
4	80	68	73	60	52	56	100	69	79	85	83	84
5	70	52	65	61	50	56	68	63	66	86	84	85
6	62	50	58	60	50	57	62	59	60	86	83	85
7	63	50	57	60	51	56	74	59	65	90	86	88
8	62	50	57	61	50	52	75	71	72	92	89	91
9	61	50	59	60	50	59	92	67	75	96	93	95
10	62	57	59	59	58	59	77	71	73	96	93	95
11	61	57	59	58	56	57	70	68	69	101	96	99
12	62	58	60	58	55	56	71	68	69	109	102	106
13	64	50	54	59	56	58	79	71	74	114	109	112
14	68	52	60	62	50	55	80	78	79	116	99	113
15	68	54	61	61	50	55	78	73	76	153	113	136
16	70	68	70	61	50	54	77	73	75	123	105	111
17	73	68	70	64	50	54	79	74	76	108	87	103
18	73	69	71	53	50	51	82	77	80	108	101	104
19	68	51	58	54	51	53	86	82	84	103	100	102
20	62	50	51	54	52	53	86	81	84	104	101	102
21	60	57	58	65	51	53	86	80	83	104	103	104
22	61	50	55	68	53	58	89	84	86	123	100	111
23	71	50	58	77	55	68	92	84	88	127	98	115
24	74	51	64	---	---	---	91	88	90	122	102	113
25	63	50	55	---	---	---	90	86	89	116	107	112
26	60	55	57	---	---	---	95	90	92	110	104	107
27	61	50	57	---	---	---	97	94	95	110	98	106
28	68	50	58	72	69	70	100	95	97	121	107	113
29	60	50	54	68	63	65	101	95	98	122	90	118
30	61	49	54	64	62	63	104	96	100	134	111	121
31	---	---	---	66	63	64	100	92	97	---	---	---
MONTH	80	49	60	77	50	57	104	59	80	153	83	103
YEAR	153	49	75									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02136000 BLACK RIVER AT KINGSTREE, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	21.5	22.0	24.0	23.5	23.5	28.0	25.5	27.0	24.0	22.0	23.0
2	23.0	22.0	22.5	23.5	23.0	23.5	27.5	26.0	26.5	24.5	22.5	23.5
3	22.5	22.0	22.5	24.0	22.5	23.5	25.5	23.0	24.0	23.5	22.0	22.5
4	22.0	20.0	21.0	24.0	23.5	23.5	24.5	22.0	23.0	23.0	21.0	22.0
5	20.0	18.5	19.0	23.5	22.5	23.0	24.0	22.0	23.0	23.0	21.5	22.0
6	18.5	17.5	18.0	22.5	22.0	22.5	24.0	21.5	22.5	23.0	21.5	22.5
7	18.5	17.5	18.0	22.5	21.5	22.0	23.0	22.0	22.5	23.5	22.0	22.5
8	19.0	17.5	18.5	23.0	22.0	22.5	23.0	22.0	22.5	23.5	21.5	22.5
9	19.5	18.5	19.0	23.5	22.5	23.0	23.5	21.5	22.0	24.5	22.0	23.0
10	20.0	19.0	19.5	24.0	23.0	23.5	24.5	22.0	23.0	24.5	22.5	23.5
11	20.5	19.5	20.0	24.5	23.0	24.0	24.5	23.0	24.0	23.5	21.0	22.5
12	21.5	20.0	21.0	25.0	24.0	24.5	25.5	23.5	24.5	23.0	20.0	21.5
13	22.5	21.5	22.0	25.5	24.5	25.0	26.0	24.0	25.0	21.5	20.0	21.0
14	23.0	22.5	22.5	25.0	24.5	24.5	26.5	24.0	25.5	21.0	18.5	20.0
15	23.0	22.5	22.5	25.0	24.0	24.5	27.0	24.5	25.5	20.0	18.5	19.0
16	23.5	22.0	23.0	25.5	24.5	25.0	27.0	25.0	26.0	20.5	19.0	19.5
17	23.0	22.5	23.0	25.5	25.0	25.0	27.0	25.0	26.0	22.5	19.0	20.5
18	23.5	22.5	23.0	25.0	24.5	25.0	26.0	24.0	25.0	23.0	20.5	22.0
19	24.0	22.5	23.5	25.0	24.5	24.5	24.5	23.5	24.0	22.5	20.5	21.5
20	23.5	22.5	23.0	25.0	24.0	24.5	23.5	19.5	21.5	22.5	20.5	21.5
21	22.5	22.0	22.5	25.5	24.5	25.0	19.5	19.0	19.0	21.5	21.0	21.5
22	22.0	21.5	22.0	26.0	25.0	25.5	21.5	18.5	20.0	23.0	20.5	21.5
23	22.0	21.0	21.5	27.0	25.5	26.0	25.0	20.5	22.5	23.0	19.5	21.0
24	22.5	21.5	21.5	27.5	25.5	26.5	26.0	23.5	24.5	22.0	19.5	21.0
25	23.0	21.5	22.5	28.0	26.0	27.0	26.5	24.0	25.0	22.5	19.5	21.0
26	23.5	22.0	23.0	27.0	26.0	26.5	27.0	24.0	25.5	21.5	20.5	21.0
27	23.5	23.0	23.5	27.5	25.5	26.5	26.5	24.0	25.5	23.0	20.5	22.0
28	23.5	23.0	23.0	27.5	26.0	26.5	27.0	24.0	25.5	24.0	19.5	23.0
29	24.0	22.5	23.5	27.5	25.5	26.5	27.0	24.5	26.0	23.5	22.0	23.0
30	24.0	23.0	23.5	28.0	26.0	27.0	26.0	24.5	25.5	22.5	21.0	22.0
31	---	---	---	27.5	25.5	26.5	25.0	23.0	24.0	---	---	---
MONTH	24.0	17.5	21.5	28.0	21.5	24.5	28.0	18.5	24.0	24.5	18.5	22.0
YEAR	28.0	2.0	17.5									

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.

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 (5.6 km) downstream from Lake Wylie Dam, 5.0 mi (8.0 km) northeast of Rock Hill, 7.5 mi (12.1 km) upstream from Sugar Creek, and at mile 137.6 (221.4 km).

DRAINAGE AREA.--3,050 mi^2 (7,900 km^2), approximately.

WATER-DISCHARGE RECORDS

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 (148.078 m). Sept. 23, 1895, to July 31, 1903, nonrecording gage at Southern Railway bridge, 2.0 mi (3.2 km) downstream, at different datum.

REMARKS.--Records good. Flow regulated by Lake Wylie, usable capacity, 6,542,000,000 ft^3 (185,300,000 m^3) and by other powerplants above station.

AVERAGE DISCHARGE.--42 years, 4,548 ft^3/s (128.8 m^3/s), 20.25 in/yr (514 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 151,000 ft^3/s (4,280 m^3/s) May 23, 1901, gage height, 24.15 ft (7.361 m), site and datum then in use; minimum daily, 490 ft^3/s (13.9 m^3/s) Oct. 21, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 13,400 ft^3/s (379 m^3/s) Mar. 8, gage height, 7.47 ft (2.277 m); minimum daily, 582 ft^3/s (16.5 m^3/s) Sept. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6370	5170	5900	3210	5810	3060	1070	781	3230	7450	820	1000
2	5530	2620	5500	7850	6780	4220	4470	742	4610	5440	1020	1600
3	5110	4900	5500	6440	9330	2530	3280	703	6780	918	960	1200
4	4140	5350	5900	6750	9220	2230	834	1420	8350	1160	1040	666
5	2840	5140	5470	9110	8500	3950	5530	2040	9030	975	2360	582
6	5680	5290	4640	9110	4340	876	2000	848	3540	3810	3900	642
7	6650	5140	3300	8460	5940	834	794	820	6750	6270	755	1610
8	5900	2820	6540	6540	5470	5350	1920	2080	7130	4720	666	990
9	5260	2560	5560	7420	6440	6920	1420	755	4140	5810	3450	4960
10	5620	6100	6650	6270	6710	3140	1320	1340	3500	4120	1080	1790
11	4640	4670	7700	3860	6650	3690	2000	2730	1080	5680	2690	918
12	1370	5810	3520	4290	6440	6000	4270	2580	4220	8990	3620	862
13	4240	5870	2970	5560	5500	2230	1660	3450	1000	4290	3710	946
14	6370	6370	848	4610	5590	890	781	4070	5050	4840	678	834
15	6100	5620	4020	5840	3520	3620	1640	904	4670	5530	678	1070
16	6610	6310	5870	5900	6200	1220	3980	5710	5230	1000	630	904
17	8240	8540	6510	5530	5740	2020	1810	8420	5260	2000	654	4960
18	5680	9560	8140	5710	5050	3260	848	7880	5560	848	1160	2730
19	4170	10100	6710	6440	6140	4170	2140	5080	4960	946	2300	1540
20	7310	9030	3470	5380	4050	781	4930	3500	3380	1130	4750	5840
21	5440	8950	2310	5710	4900	3380	3640	1850	6410	3830	703	1280
22	5470	5410	5350	6610	5530	3690	5020	1420	7920	3900	666	2450
23	7160	5110	4190	6780	6170	3330	4290	834	11100	3810	4130	1000
24	3710	6340	4020	4270	4930	1700	807	2620	11500	4000	4750	1870
25	3380	5810	3620	2600	6170	1290	794	848	9830	932	3200	1920
26	2950	5470	904	5620	6030	1020	742	2560	6240	904	2900	1110
27	5840	2730	5590	5900	5900	2800	755	2380	7490	4240	2400	2930
28	5350	3930	3860	6340	4700	862	1750	4340	8390	3090	720	1790
29	5970	3400	5530	8320	3900	862	904	3450	6610	4720	1000	3620
30	6100	1880	5650	9790	---	3860	848	5020	6750	5650	2100	3400
31	3300	---	5200	7880	---	4270	---	5840	---	1070	1100	---
TOTAL	162500	166000	150942	194100	171650	88055	66247	87015	179710	112073	60590	57014
MEAN	5242	5533	4869	6261	5919	2840	2208	2807	5990	3615	1955	1900
MAX	8240	10100	8140	9790	9330	6920	5530	8420	11500	8990	4750	5840
MIN	1370	1880	848	2600	3520	781	742	703	1000	848	630	582

CAL YR 1975 TOTAL 2481753 MEAN 6799 MAX 52100 MIN 803
WTR YR 1976 TOTAL 1495896 MEAN 4087 MAX 11500 MIN 582

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.--Continued

WATER-QUALITY RECORDS

PERIODS OF RECORD.--October 1957 to September 1962, October 1970 to June 1973, February 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TOTAL ORGANIC CARBON (C) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)
OCT.									
09...	0925	7610	21.0	6.8	83	7.1	5.0	.000	.000
30...	1050	9520	20.0	7.5	72	7.4	4.0	.000	.000
NOV.									
10...	1020	9480	20.0	7.5	55	7.4	2.4	.000	.000
25...	1045	12800	13.0	9.2	73	7.4	3.0	4.50	.900
DEC.									
08...	1020	12900	11.5	9.2	73	7.0	1.6	.000	.000
22...	1030	12800	8.0	10.0	72	7.0	2.2	4.70	1.70
JAN.									
06...	1050	9240	6.0	10.6	74	7.2	1.8	.000	.000
19...	1045	9760	5.0	10.2	74	7.1	2.2	.000	.000
FEB.									
03...	1030	9560	6.0	11.0	74	7.0	3.0	.000	.000
18...	1015	3640	10.0	10.5	69	6.9	4.2	.000	.000
MAR.									
12...	1005	7540	13.5	9.1	80	7.0	1.6	.000	.000
29...	1030	648	13.5	9.4	90	7.1	11	.000	.000
APR.									
09...	1040	3280	14.5	9.7	89	7.0	2.2	.000	.000
27...	1030	450	16.0	9.0	100	6.9	4.0	2.50	.500
MAY									
07...	1030	907	18.4	7.0	103	6.9	--	.000	.000
25...	0940	1120	20.0	6.3	105	6.9	3.0	.000	.000
JUNE									
07...	0915	9120	21.0	6.6	109	7.0	5.2	.000	.000
22...	0945	8765	23.0	5.5	86	6.7	3.5	--	--
JULY									
06...	0925	6420	24.0	6.5	76	6.5	4.2	--	--
21...	0945	998	25.0	5.7	81	6.6	3.4	.000	.000
AUG.									
03...	0900	1350	24.0	4.4	84	6.6	3.0	2.86	1.65
17...	0930	742	25.0	6.3	86	6.7	--	.000	.000
31...	0940	920	24.0	6.6	95	6.6	4.8	3.58	3.26
SEP.									
16...	0925	920	23.0	7.2	101	6.4	4.4	5.10	.000
28...	0945	946	22.0	6.4	113	6.5	4.8	4.16	.861

DATE	CHEMICAL OXYGEN DEMAND (LOW LEVEL) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL IRON (FE) (UG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)
OCT.									
09...	4	207	790	.49	.22	.08	.30	.19	2.2
30...	2	42	760	.45	.24	.07	.31	.14	2.0
NOV.									
10...	8	193	560	.35	.14	.07	.21	.14	1.6
25...	6	>1	400	.37	.16	.06	.22	.15	1.6
DEC.									
08...	4	135	440	.21	.00	.06	.05	.16	.93
22...	8	47	320	.33	.09	.06	.15	.18	1.5
JAN.									
06...	4	200	430	.41	.14	.04	.18	.23	1.8
19...	8	810	780	.42	.08	.06	.14	.28	1.9
FEB.									
03...	12	88	260	.46	.16	.04	.20	.26	2.0
18...	8	--	390	.60	.33	.03	.36	.24	2.7
MAR.									
12...	2	71	410	.38	.15	.05	.20	.18	1.7
29...	10	88	220	.42	.17	.04	.21	.21	1.9
APR.									
09...	20	118	460	3.1	2.8	.06	2.9	.18	14
27...	16	140	190	.45	.24	.02	.26	.19	2.0
MAY									
07...	2	240	290	.45	.18	.10	.28	.17	2.0
25...	16	187	250	.55	.30	.10	.40	.15	2.4
JUNE									
07...	120	55	920	.60	.27	.11	.38	.22	2.7
22...	15	78	560	.48	.18	.09	.27	.21	2.1
JULY									
06...	26	78	1600	.51	.29	.09	.38	.13	2.3
21...	18	825	250	.47	.15	.04	.19	.28	2.1
AUG.									
03...	3	813	280	.41	.17	.07	.24	.17	1.8
17...	8	825	210	.43	.20	.10	.30	.13	1.9
31...	2	819	190	.45	.23	.08	.31	.14	2.0
SEP.									
16...	7	205	760	.60	.41	.08	.49	.11	2.7
28...	4	567	370	.48	.20	.08	.28	.20	2.1

02146000 CATAWBA RIVER NEAR ROCK HILL, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	OIL AND GREASE (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	DISSOLVED SOLIDS (TONS PER AC-FT)	DISSOLVED SILICA (SIO2) (MG/L)	TURBIDITY (MG/L)	TURBIDITY (NTU)	TOTAL NONFILTRABLE RESIDUE (MG/L)
OCT.									
09...	0	.06	41	842	.06	11	11	10	12
30...	0	.04	73	1880	.10	9.8	14	9	7
NOV.									
10...	0	.03	33	845	.04	10	14	5	17
25...	3	.04	58	2000	.08	10	8	7	7
DEC.									
08...	0	.05	51	1780	.07	10	5	4	2
22...	0	.04	48	1660	.07	10	1	2	2
JAN.									
06...	1	.05	55	1370	.07	11	5	5	2
19...	0	.05	47	1240	.06	10	12	15	3
FEB.									
03...	0	.05	56	1450	.08	10	4	9	3
18...	0	.03	52	511	.07	10	8	6	6
MAR.									
12...	0	.04	61	1240	.08	11	5	6	6
29...	0	.02	66	115	.09	11	5	5	3
APR.									
09...	0	.01	62	549	.08	11	4	4	0
27...	0	.02	70	85.1	.10	10	3	3	1
MAY									
07...	0	.03	68	167	.09	10	5	3	1
25...	0	.03	62	187	.08	9.4	7	5	1
JUNE									
07...	0	.04	80	1970	.11	9.1	10	15	12
22...	1	.02	64	1520	.09	9.1	7	5	6
JULY									
06...	0	.06	47	815	.06	8.1	17	15	30
21...	0	.01	49	132	.07	8.4	4	4	1
AUG.									
03...	0	.01	57	208	.08	8.9	1	3	3
17...	0	.01	55	110	.07	9.2	4	3	6
31...	2	.01	68	169	.09	9.3	7	2	2
SEP.									
16...	0	.03	62	154	.08	9.0	15	8	14
28...	0	.03	107	273	.15	9.3	15	10	7

DATE	TIME	ALKALINITY AS CACO3 (MG/L)	TOTAL ARSENIC (AS) (UG/L)	BICARBONATE (HCO3) (MG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CALCIUM (CA) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)
NOV.									
25...	1045	21	1	25	1	7.0	1.6	0	4.9
FEB.									
18...	1015	16	1	20	0	8.4	4.0	0	4.6
MAY									
25...	0940	21	0	26	0	14	5.2	0	9.0
JULY									
21...	0945	20	1	24	1	5.0	9.6	0	6.1

DATE	TOTAL CHROMIUM (CR) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MAGNESIUM (MG) (MG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL POTASSIUM (K) (MG/L)	TOTAL SODIUM (NA) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	TOTAL ZINC (ZN) (UG/L)
NOV.								
25...	<10	12	.7	.0	1.6	5.8	7.8	8
FEB.								
18...	<10	0	1.5	.0	5.9	1.6	6.2	0
MAY								
25...	<10	3	1.8	.1	1.9	12	13	10
JULY								
21...	20	2	.8	.6	1.6	7.3	9.1	10

02147000 CATAWBA RIVER NEAR CATAWBA, S.C.

LOCATION.--Lat 34°51'09", long 80°52'06", York County, Hydrologic Unit 03050103, on right bank, 60 ft (20 m) downstream from Seaboard Coast Line Railroad bridge, 200 ft (60 m) downstream from Twelvemile Creek, 2.5 mi (4.0 km) east of Catawba, and at mile 122.8 (197.6 km).

DRAINAGE AREA.--3,530 mi^2 (9,140 km^2), approximately.

WATER-DISCHARGE RECORDS

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 (135.996 m) above mean sea level (levels by Bowaters Carolina Corporation). June 1906 to Dec. 21, 1948, nonrecording gage at site 2.1 mi (3.4 km) downstream at different datum.

REMARKS.--Records good. Flow regulated by Lake Wylie, useable capacity, 6,542,000,000 ft^2 (185,300,000 m^3) and by other powerplants above the station.

AVERAGE DISCHARGE.--8 years, 6,039 ft^3/s (171.0 m^3/s), 23.23 in/yr (590 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63,400 ft^3/s (1,800 m^3/s) Mar. 15, 1975, gage height, 21.76 ft (6.632 m); minimum daily 798 ft^3/s (22.6 m^3/s) June 28, 1970.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum stage known since June 1906, 40.4 ft (12.31 m) July 16, 1916 at site and datum then in use, from records furnished by the National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 15,700 ft^3/s (445 m^3/s) Dec. 31, gage height, 8.48 ft (2.585 m); minimum daily, 798 ft^3/s (22.6 m^3/s) Sept. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7530	4310	4600	8880	5830	3460	5190	1210	3650	7090	1110	1240
2	6670	4140	6810	9120	9060	3880	5000	1220	4740	6270	959	1730
3	5140	4210	5230	8290	10900	2850	4320	994	7290	3050	1150	1380
4	5250	5400	6220	7000	10300	1590	1350	1510	11200	2920	959	805
5	3100	4950	6100	9890	9380	4820	4500	1780	9870	4230	1660	815
6	5340	5960	4990	9970	6400	1540	3830	1080	5600	4620	3570	798
7	6970	5370	4450	10100	4900	1250	1180	1130	5140	5870	2070	1050
8	5900	4950	6960	7450	7120	5130	1990	2270	8170	5680	1130	1470
9	7230	2980	6690	9240	6050	6350	1630	1110	5740	5280	3290	3390
10	6460	5060	6630	6660	7360	6090	1490	1410	3160	5870	1180	3160
11	5000	5460	9150	5630	7520	1900	2080	1980	2070	4870	2180	1260
12	2860	6200	4540	4080	6940	6440	3880	1970	3350	9520	3530	912
13	3300	8840	3960	6420	6650	4360	2450	2710	2240	5120	3940	962
14	5890	7780	1250	4870	5480	2700	1070	3690	4760	4890	1490	948
15	6830	7670	3000	6260	4360	3620	1380	2630	5140	5620	924	1780
16	6980	5190	6090	6330	5710	4300	3020	5840	5080	3070	924	1370
17	8770	9680	7370	5690	7130	6980	2800	10000	6800	1670	896	4670
18	7580	9480	8570	6750	4900	4130	1650	7980	6480	1670	1070	2130
19	4840	10700	8650	6860	6750	4700	1090	7570	5440	1050	1480	2400
20	7550	9640	4850	6580	5170	1440	5210	2830	3940	1080	4360	6090
21	6240	9650	2160	5460	5240	3360	3050	2470	8230	2390	2590	1610
22	5950	6800	4400	6850	5210	3450	5880	1160	8230	5080	854	2730
23	7360	4900	5790	7510	6750	3700	4700	1490	11600	4170	3290	1080
24	4450	6500	3650	6230	5960	1850	2680	1870	12600	3940	4970	1060
25	4140	6160	4680	3060	6070	2140	1030	1700	11900	2000	3580	2520
26	3060	6040	3270	4710	6710	1210	1020	2540	6960	1040	3330	1460
27	4380	4140	6700	6760	6430	2660	921	1860	6830	2680	2690	5190
28	5900	2880	5050	9760	5790	1430	1900	3470	11200	3890	938	2240
29	6780	4060	4940	9150	4700	1090	1050	4000	7000	5300	1110	3110
30	5720	2390	6050	10500	---	4920	986	5450	7290	5480	2210	3970
31	4770	---	9250	10300	---	6380	---	6990	---	2210	1830	---
TOTAL	177940	181490	172050	226360	190770	109720	78327	93914	201700	127620	65264	63330
MEAN	5740	6050	5550	7302	6578	3539	2611	3029	6723	4117	2105	2111
MAX	8770	10700	9250	10500	10900	6980	5880	10000	12600	9520	4970	6090
MIN	2860	2390	1250	3060	4360	1090	921	994	2070	1040	854	798

CAL YR 1975 TOTAL 2930070 MEAN 8028 MAX 62600 MIN 1050
WTR YR 1976 TOTAL 1688485 MEAN 4613 MAX 12600 MIN 798

02147000 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1971 to June 1973, February 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TOTAL ORGANIC CARBON (C) (MG/L)	CHLOROPHYLL A (UG/L)	CHLOROPHYLL B (UG/L)
OCT.									
09...	0845	3618	21.0	6.6	110	7.1	8.4	.000	.000
30...	0950	1246	18.0	7.8	90	7.4	--	.000	.000
NOV.									
10...	0935	1202	19.0	7.5	94	7.4	3.0	.000	.000
25...	0940	1370	12.0	9.6	84	7.5	3.0	4.80	1.30
DEC.									
08...	0925	1630	10.0	9.4	86	7.0	2.6	.000	.000
22...	0940	1246	7.0	10.2	85	7.1	2.6	.000	.000
JAN.									
06...	1000	9900	5.5	10.5	78	7.0	2.0	4.70	1.00
19...	0945	1708	3.0	10.6	86	7.1	3.8	.000	.000
FEB.									
03...	0945	11080	6.0	11.1	79	6.9	4.4	.000	.000
18...	0925	1643	10.5	10.2	85	7.0	1.8	4.40	1.20
MAR.									
12...	0925	3618	13.5	9.4	86	7.1	1.0	9.00	2.00
29...	0945	1146	15.5	8.4	150	7.3	11	.000	.000
APR.									
09...	1000	1146	14.0	8.8	122	7.2	4.3	10.0	3.00
27...	0940	889	16.0	8.5	170	7.2	5.3	2.60	1.00
MAY									
07...	0930	1130	21.0	7.0	179	7.0	9.8	--	--
25...	0845	1178	20.0	7.1	120	7.2	2.6	.000	.000
JUNE									
07...	0830	1106	20.0	7.4	120	7.1	3.5	.000	.000
22...	0855	6782	23.0	6.2	93	7.0	3.8	.000	.000
JULY									
06...	0845	2690	21.0	7.3	110	7.0	6.9	--	--
21...	0900	1106	27.0	6.8	132	7.0	6.0	.000	.000
AUG.									
03...	0825	1154	24.0	6.5	150	7.0	2.7	4.95	3.74
17...	0845	1015	26.0	5.9	175	7.0	3.8	11.1	10.9
31...	0845	1320	23.0	6.9	110	6.9	4.2	.000	.000
SEP.									
16...	0835	1370	21.0	6.5	144	6.6	3.2	.000	.000
28...	0855	1522	22.0	7.1	118	6.9	2.9	18.4	11.0

DATE	CHEMICAL OXYGEN DEMAND (LOW LEVEL) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)	TOTAL IRON (FE) (UG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL ORGANIC NITROGEN (N) (MG/L)	TOTAL AMMONIA NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)
OCT.									
09...	4	B3485	4400	1.5	.61	.24	.85	.60	6.4
30...	10	B410	400	.70	.28	.06	.34	.36	3.1
NOV.									
10...	8	195	1100	.56	.20	.06	.26	.30	2.5
25...	4	188	290	.58	.20	.08	.28	.30	2.6
DEC.									
08...	8	850	1100	.67	.22	.14	.36	.31	3.0
22...	2	520	210	.57	.14	.14	.28	.29	2.5
JAN.									
06...	4	183	380	.42	.15	.03	.18	.24	1.9
19...	10	70	760	.59	.12	.14	.26	.33	2.6
FEB.									
03...	14	110	410	.55	.23	.04	.27	.28	2.4
18...	8	--	320	.73	.36	.05	.41	.32	3.2
MAR.									
12...	2	405	460	.56	.27	.07	.34	.22	2.5
29...	14	189	360	1.3	.46	.25	.71	.60	5.8
APR.									
09...	17	140	430	3.8	3.0	.28	3.3	.52	17
27...	19	263	300	1.6	.48	.24	.72	.86	7.0
MAY									
07...	12	430	280	1.5	.53	.29	.82	.67	6.6
25...	17	113	270	.70	.27	.10	.37	.33	3.1
JUNE									
07...	120	90	480	.92	.27	.08	.35	.57	4.1
22...	16	151	700	.63	.29	.05	.34	.29	2.8
JULY									
06...	35	370	3800	1.3	.48	.16	.64	.69	5.9
21...	34	78	1500	.84	.34	.06	.40	.44	3.7
AUG.									
03...	7	125	250	1.4	.63	.13	.76	.68	6.4
17...	11	825	310	2.1	.42	.48	.90	1.2	9.3
31...	4	B202	230	.59	.27	.08	.35	.24	2.6
SEP.									
16...	14	B3040	5900	1.6	.67	.30	.97	.59	6.9
28...	12	420	1300	.83	.31	.11	.42	.41	3.7

02147000 CATAWBA RIVER NEAR CATAWBA, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	OIL AND GREASE (MG/L)	TOTAL PHOS-PHORUS (P) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	DIS-SOLVED SILICA (SIO2) (MG/L)	TUR-BID-ITY (MG/L)	TUR-BID-ITY (NTU)	TOTAL NON-FILT-RABLE RESIDUE (MG/L)
OCT.									
09...	0	.38	61	596	.08	11	60	55	114
30...	1	.12	65	219	.09	10	9	4	4
NOV.									
10...	0	.09	45	146	.06	10	9	7	8
25...	2	.11	65	240	.09	11	6	5	4
DEC.									
08...	0	.14	63	277	.09	11	16	15	10
22...	0	.12	64	215	.09	10	1	2	1
JAN.									
06...	1	.07	65	1740	.09	11	6	7	3
19...	0	.09	51	235	.07	11	15	15	4
FEB.									
03...	0	.08	63	1890	.09	10	6	8	0
18...	0	.09	60	266	.08	10	6	4	5
MAR.									
12...	0	.08	65	635	.09	11	7	6	8
29...	0	.26	98	303	.13	12	5	5	2
APR.									
09...	0	.24	78	241	.11	12	4	5	1
27...	0	.41	112	269	.15	11	5	3	<1
MAY									
07...	0	.38	94	287	.13	9.8	4	3	3
25...	3	.11	70	223	.10	9.2	4	5	4
JUNE									
07...	0	.11	88	263	.12	9.1	8	10	6
22...	2	.04	65	1190	.09	9.0	11	8	12
JULY									
06...	0	.37	80	581	.11	11	64	45	45
21...	0	.24	66	197	.09	3.4	7	4	2
AUG.									
03...	0	.35	128	399	.17	7.8	1	4	3
17...	0	.52	102	280	.14	9.4	5	5	6
31...	3	.08	74	264	.10	8.9	5	3	4
SEP.									
16...	0	.38	90	333	.12	7.9	64	65	95
28...	0	.14	109	448	.15	9.4	28	30	18

DATE	TIME	ALKA-LINITY AS CACO3 (MG/L)	TOTAL ARSENIC (AS) (UG/L)	BICAR-BONATE (HCO3) (MG/L)	TOTAL CAD-MIUM (CD) (UG/L)	TOTAL CAL-CIUM (CA) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)
NOV.									
25...	0940	22	1	27	2	9.0	1.4	0	5.7
FEB.									
18...	0925	20	1	24	0	5.3	3.8	0	5.2
MAY									
25...	0845	20	1	24	0	8.3	2.4	0	10
JULY									
21...	0900	25	2	30	1	7.0	4.8	0	9.7

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MAG-NE-SIUM (MG) (MG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL PO-TAS-SIUM (K) (MG/L)	TOTAL SODIUM (NA) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	TOTAL ZINC (ZN) (UG/L)
NOV.								
25...	<10	23	1.1	.1	1.8	6.8	9.7	0
FEB.								
18...	<10	8	2.0	.3	7.0	1.7	9.3	0
MAY								
25...	<10	0	2.2	.1	2.0	13	16	10
JULY								
21...	20	2	4.0	.2	2.3	14	22	20

02147500 ROCKY CREEK AT GREAT FALLS, S.C.

LOCATION.--Lat 34°33'45", long 80°55'00", Chester County, Hydrologic Unit 03050103, on left bank 350 ft (107 m) downstream from Turkey Branch 1.0 mi (1.6 km) west of Great Falls, and at mile 1.8 (2.9 km).

DRAINAGE AREA.--194 mi^2 (502 km^2).

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 299 ft (91 m) (by barometer).

REMARKS.--Records good.

AVERAGE DISCHARGE.--25 years, 191 ft^3/s (5.409 m^3/s), 13.37 in/yr (340 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 31,300 ft^3/s (886 m^3/s) Aug. 23, 1967, gage height, 18.82 ft (5.736 m); minimum, 0.04 ft^3/s (.001 m^3/s) Oct. 6-13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 3,500 ft^3/s (99.1 m^3/s) and maximum (*).

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 17	0800	*3,650	103	*6.43	1.960

Minimum discharge, 13 ft^3/s (0.37 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	29	60	1600	147	65	649	87	54	65	32	18
2	40	30	71	415	610	64	210	91	136	56	94	17
3	36	31	56	275	319	63	147	59	169	54	55	32
4	32	31	52	257	205	62	127	50	130	272	37	32
5	31	31	50	188	162	62	119	46	84	1810	30	23
6	31	31	50	149	142	110	106	45	63	871	29	21
7	30	35	53	155	128	252	103	50	53	575	29	19
8	46	75	329	500	113	123	96	56	47	281	151	17
9	370	108	296	319	104	185	91	52	43	164	71	16
10	103	54	185	198	97	260	84	46	47	123	42	16
11	63	76	128	162	94	153	84	44	140	103	34	15
12	51	89	99	149	89	128	79	45	63	87	32	14
13	44	450	85	130	84	988	76	42	44	69	30	13
14	41	178	78	123	82	450	76	40	44	55	29	21
15	38	96	76	112	79	252	75	78	42	52	29	356
16	37	74	91	104	78	1920	72	219	173	50	34	198
17	47	67	159	110	78	2460	71	134	238	48	28	76
18	123	60	462	96	76	446	69	71	92	47	25	48
19	68	56	224	76	78	300	68	59	87	43	23	38
20	47	55	140	81	78	232	64	48	157	36	21	34
21	41	54	117	91	71	198	59	44	312	39	27	34
22	39	53	103	82	84	173	81	42	127	38	33	34
23	36	51	91	76	101	149	72	41	84	35	29	30
24	34	51	82	78	78	134	58	48	590	35	26	28
25	34	50	79	75	72	127	55	56	169	33	22	30
26	34	50	329	74	71	121	54	59	103	97	21	31
27	33	48	356	322	69	115	50	71	106	51	20	326
28	32	50	173	707	67	113	48	52	219	43	19	160
29	32	47	128	293	67	104	47	78	97	38	24	68
30	31	46	221	195	---	138	50	183	76	36	32	56
31	29	---	1370	151	---	240	---	81	---	34	21	---
TOTAL	1696	2156	5793	7343	3523	10187	3040	2117	3789	5340	1129	1821
MEAN	54.7	71.9	187	237	121	329	101	68.3	126	172	36.4	60.7
MAX	370	450	1370	1600	610	2460	649	219	590	1810	151	356
MIN	29	29	50	74	67	62	47	40	42	33	19	13
CFSM	.28	.37	.96	1.22	.62	1.70	.52	.35	.65	.89	.19	.31
IN.	.33	.41	1.11	1.41	.68	1.95	.58	.41	.73	1.02	.22	.35

CAL YR 1975 TOTAL 91229 MEAN 250 MAX 6530 MIN 21 CFSM 1.29 IN 17.49
WTR YR 1976 TOTAL 47934 MEAN 131 MAX 2460 MIN 13 CFSM .68 IN 9.19

02148000 WATEREE RIVER NEAR CAMDEN, S.C.

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 (457 m) downstream from Five and Twenty Creek, 4,000 ft (1,219 m) upstream from Seaboard Coast Line Railroad bridge, 2.2 mi (3.5 km) west of Camden, 7.4 mi (11.9 km) downstream from Wateree Dam, and at mile 68.8 (110.7 km).

DRAINAGE AREA.--5,070 mi^2 (13,100 km^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 (2.4 km) downstream 1891-1934, at site 830 ft (253 m) upstream January 1935 to September 1942, and at present site since October 1942, are contained in reports of National Weather Service.

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

GAGE.--Water-stage recorder with remote system to district office. Datum of gage is 119.36 ft (36.381 m) above mean sea level. January 1903, to September 1910, nonrecording gage at site 1.5 mi (2.4 km) downstream at datum 117.71 ft (35.878 m) above mean sea level. Oct. 1, 1929 to Sept. 1, 1942, recording gage at site 830 ft (253 m) upstream at datum 119.36 ft (36.381 m) above mean sea level.

REMARKS.--Records good. Flow regulated by powerplant at Wateree Reservoir (usable capacity, 2,794,000,000 ft^2 (79,126,000 m^3) and by other powerplants above station.

AVERAGE DISCHARGE.--53 years (1904-10, 1929 to current year), 6,313 ft^3/s (178.8 m^3/s), 16.91 in/yr (430 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, **366,000 ft^3/s** (10,400 m^3/s) Aug. 26, 1908 gage height, 39.7 ft (12.1 m), site and datum then in use, from records of National Weather Service, from rating curve extended above 122,000 ft^3/s (3,460 m^3/s) on basis of computation, by Duke Power Co., of peak flow 382,000 ft^3/s (10,800 m^3/s) over dam at Rocky Creek Reservoir; minimum daily, 155 ft^3/s (4.39 m^3/s) Oct. 28, 1973.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--The flood of July 18, 1916 reached a stage of 40.4 ft (12.3 m), datum, 117.71 ft (35.878 m) above mean sea level, at site 1.5 mi (2.4 km) downstream, from records of National Weather Service, discharge, 400,000 ft^3/s (11,300 m^3/s) from rating curve extended above 122,000 ft^3/s (3,460 m^3/s) as explained above.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,300 ft^3/s (490 m^3/s) Mar. 17, gage height, 16.44 ft (5.011 m); minimum daily, 211 ft^3/s (5.98 m^3/s) Sept. 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8750	2330	1710	14900	7340	6510	11900	2090	3090	8240	358	3310
2	8790	1130	5290	16100	10500	3920	8220	557	4130	8800	1540	2030
3	7560	1760	6230	12500	12600	3000	4180	3910	7930	2400	2320	320
4	5830	3820	6830	11600	12000	3320	1190	2380	11300	1480	1050	320
5	1370	5880	7340	12600	11900	3690	6770	1120	11500	10000	2220	276
6	6470	6200	5790	11900	10900	2060	2990	1090	5160	15400	4220	250
7	7630	6830	4010	11800	7720	1570	3830	1990	6680	10800	1100	1870
8	4350	7720	6520	10100	7050	6340	3270	2700	7820	7930	627	1650
9	7940	2690	8420	9790	5960	7480	2020	430	5840	8360	6120	4180
10	8200	6710	9780	11900	7130	4320	844	3030	3200	6870	5330	1880
11	3320	5400	8460	6440	8630	6190	1450	3240	5290	5790	3270	345
12	738	7060	6930	5810	9020	6650	3850	4640	4810	9010	3890	212
13	6410	8980	3710	7280	7480	5490	2250	1910	2200	6110	3690	1370
14	7710	10000	664	7240	6440	5900	3060	3980	4500	5440	632	542
15	7910	8590	4750	7990	5440	5270	3100	6090	6060	5640	250	5130
16	8140	10200	6830	6880	6270	12200	4280	7340	7330	4500	2040	3670
17	9360	10500	7950	7200	6030	17200	1720	10100	7210	1470	2200	5190
18	8610	11500	9730	6730	5430	17100	610	9410	7680	432	609	2850
19	3790	9070	10100	9400	6620	11500	3370	5780	7360	2730	1820	2020
20	8790	5860	6270	7470	7740	4580	5540	3760	5520	1700	6880	5270
21	7790	8780	2660	6640	6700	3710	4840	2840	13800	4200	2010	4890
22	7720	11700	4060	8520	4770	5170	4190	2470	16700	4130	270	1480
23	7910	7030	5520	10000	5840	5850	4310	476	14500	3730	3870	4270
24	5940	6850	5200	5780	6440	4070	1240	3760	12600	3720	4740	3450
25	5080	7820	7240	4010	7300	2830	231	3190	14000	886	4360	406
26	2110	8810	7080	6200	7530	2530	919	2300	11300	2400	3750	211
27	6550	4490	7680	7990	7850	3330	2210	2740	8110	5300	1800	2730
28	7350	2570	7700	10500	6750	1630	2310	4780	11700	5590	292	4420
29	8000	3390	7510	12300	4780	4310	406	6930	8660	5390	284	6180
30	8040	1790	8820	12300	---	6470	2220	5610	10000	5460	1960	5850
31	3210	---	13900	11500	---	6370	---	7010	---	1080	2030	---
TOTAL	201368	195460	204684	291370	220160	180560	97320	117653	245980	164988	75532	76572
MEAN	6496	6515	6603	9399	7592	5825	3244	3795	8199	5322	2437	2552
MAX	9360	11700	13900	16100	12600	17200	11900	10100	16700	15400	6880	6180
MIN	738	1130	664	4010	4770	1570	231	430	2200	432	250	211

CAL YR 1975 TOTAL 3655105 MEAN 10010 MAX 67000 MIN 518
WTR YR 1976 TOTAL 2071647 MEAN 5660 MAX 17200 MIN 211

02148300 COLONELS CREEK NEAR LEESBURG, S.C.

LOCATION.--Lat 34°00'25", long 80°43'58", Richland County, Hydrologic Unit 03050104, at bridge on State Highway 262, 0.2 mi (0.3 km) above Jumping Run Creek, 1.9 mi (3.1 km) southwest of Leesburg, and at mile 8.0 (12.9 km).

DRAINAGE AREA.--38.1 mi^2 (98.7 km^2).

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

GAGE.--Water-stage recorder. Altitude of gage is 155 ft (47.2 m) (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--10 years, 47.3 ft^3/s (1.34 m^3/s), 16.86 in/yr (428 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 494 ft^3/s (14.0 m^3/s) June 10, 1973, gage height 5.28 ft (1.609 m); minimum, 11 ft^3/s (0.31 m^3/s) July 12-14, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 200 ft^3/s (5.66 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
July 6	0030	*220	6.23	*4.30	1.311

Minimum discharge, 20 ft^3/s (0.57 m^3/s) Sept. 13, gage height, 1.85 ft. (0.564 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	33	49	89	71	45	46	72	28	32	28	24
2	40	33	61	73	94	44	42	83	31	31	27	24
3	37	32	49	67	87	39	40	60	48	30	28	28
4	35	34	32	63	76	39	39	38	127	33	36	28
5	34	35	27	59	68	40	40	31	84	142	30	28
6	34	37	26	76	61	49	39	29	60	184	27	28
7	34	40	28	100	56	49	39	30	39	137	26	26
8	39	53	35	130	48	45	38	33	32	101	26	25
9	102	50	42	100	45	56	37	35	29	73	28	23
10	108	55	63	90	43	60	36	32	38	54	26	22
11	97	85	64	78	43	49	36	30	31	52	25	21
12	77	76	52	71	39	45	35	32	28	40	24	20
13	59	137	52	66	37	68	34	31	26	34	23	20
14	53	113	49	55	39	84	34	29	24	31	22	28
15	50	82	47	49	41	69	34	64	24	29	22	108
16	47	74	49	47	45	130	34	124	26	28	25	99
17	47	62	70	47	42	153	33	94	67	27	23	73
18	56	56	94	49	42	124	32	76	94	27	22	44
19	49	54	74	45	44	99	32	54	100	33	21	31
20	41	52	59	53	43	77	32	36	93	43	21	27
21	38	53	54	70	43	64	31	30	117	36	38	26
22	35	51	52	37	46	57	31	28	91	30	39	30
23	25	50	50	30	49	52	29	29	78	29	35	26
24	24	49	48	30	47	49	29	51	102	31	30	27
25	24	47	47	31	45	48	28	52	86	29	27	33
26	24	46	70	39	45	47	29	46	64	27	27	34
27	24	46	72	102	45	47	28	38	45	29	26	39
28	24	45	57	148	45	49	28	34	46	60	25	38
29	25	43	52	121	45	47	27	41	38	45	24	37
30	30	41	67	96	---	47	31	36	34	34	24	61
31	31	---	102	79	---	47	---	31	---	30	25	---
TOTAL	1385	1664	1693	2190	1474	1918	1023	1429	1730	1541	830	1078
MEAN	44.7	55.5	54.6	70.6	50.8	61.9	34.1	46.1	57.7	49.7	26.8	35.9
MAX	108	137	102	148	94	153	46	124	127	184	39	108
MIN	24	32	26	30	37	39	27	28	24	27	21	20
CFSM	1.17	1.46	1.43	1.85	1.33	1.62	.90	1.21	1.51	1.30	.70	.94
IN.	1.35	1.62	1.65	2.14	1.44	1.87	1.00	1.40	1.69	1.50	.81	1.05

CAL YR 1975 TOTAL 22743 MEAN 62.3 MAX 171 MIN 24 CFSM 1.64 IN 22.21
WTR YR 1976 TOTAL 17955 MEAN 49.1 MAX 184 MIN 20 CFSM 1.29 IN 17.53

02148315 WATEREE RIVER BELOW EASTOVER, S.C.

LOCATION.--Lat 33°49'42", long 80°37'14", Richland County, Hydrologic Unit 03050104, on right bank, 1.3 mi (2.1 km) upstream from Southern Railway bridge, 1.8 mi (2.9 km) northeast of Wateree, 4.5 mi (7.2 km) southeast of Eastover, and at mile 10.8 (17.4 km).

DRAINAGE AREA.--5,590 mi^2 (14,480 km^2), approximately

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1968 to current year, discharge below 10,000 ft^3/s (283 m^3/s) only.

GAGE.--Water-stage recorder. Datum of gage is 77.43 ft (23.601 m) above mean sea level (South Carolina Electric and Gas Company benchmark).

REMARKS.--Records good. Flow regulated by powerplant at Wateree Reservoir, usable capacity, 2,794,000,000 ft^3 (79,126,000 m^3), and by other powerplants above station. Discharge represents only that portion of the flow confined to the main channel. At times of high flow bankfull capacity is exceeded in the intervening channel reach.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.71 ft (5.093 m) Dec. 14, 1969; minimum daily, 702 ft^3/s (19.9 m^3/s) Sept. 3, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.09 ft (4.599 m) June 23; minimum daily, 760 ft^3/s (21.5 m^3/s) Sept. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7600	5600	3520	9110	9370	6050	6560	1600	6380	8980	3860	1990
2	7990	3510	2890	9410	8960	5970	8550	2510	5310	8630	1840	2680
3	8100	2940	4870	9490	8990	5470	8490	2170	4370	8390	1370	2920
4	7750	2310	6130	9480	9310	3990	6690	2440	6680	6080	1970	1910
5	6600	3210	6300	9440	9390	3820	3850	3380	8800	3630	2410	1090
6	4240	5180	6910	9410	9410	3920	4870	2300	9100	7440	1830	858
7	4380	6070	6200	9420	9310	3530	5190	1590	7920	9350	3420	760
8	6860	6590	5180	9410	8890	2520	3870	1750	6630	9460	3360	796
9	6020	7170	5400	9260	8200	4460	4350	2780	7290	9230	1710	1740
10	6920	5350	7360	9170	7260	6900	3230	2110	6810	8840	3080	2830
11	7740	4840	7960	9210	7210	6160	2320	2000	4920	8420	5310	3300
12	6050	6220	8270	8550	7830	5790	1770	2960	4980	7460	4210	1840
13	3420	6490	7420	7280	8110	6850	2800	4200	5290	8100	3920	981
14	4310	7920	5680	7280	7630	6360	3630	3290	4220	7650	4080	775
15	6950	8590	3170	7390	6900	6530	2740	3280	3640	6280	2930	1460
16	7440	8540	3250	7460	6150	6290	3510	5460	5280	6130	1400	2670
17	7530	8810	6230	7180	6110	8540	4040	7270	6950	5470	1140	4140
18	8220	8900	7450	6870	6250	9430	3560	8400	7710	3880	2100	4900
19	8300	9020	8240	7060	5920	9530	1990	8490	8040	2170	2110	4230
20	6240	8770	8590	7670	6520	9520	1850	7460	7900	1800	1310	3130
21	6990	7770	7450	7780	7210	8990	4670	5480	7840	2840	4250	3970
22	7610	7510	5160	6980	7150	7150	5120	3890	9000	3200	4290	4980
23	7460	8660	4070	7250	5940	6740	4550	3200	9570	4620	1890	3720
24	7620	8160	5370	8250	5530	6670	4520	2540	9640	4170	1990	2970
25	7070	7260	5350	7190	6380	5690	3510	2500	9630	4100	4280	4060
26	5770	7430	6380	5460	6830	4360	1710	4030	9630	3230	4610	2690
27	4290	7940	6930	5870	7310	3550	1110	3200	9620	2100	4160	1350
28	4530	6750	7380	7840	7490	3390	1540	2650	9420	4080	3250	1350
29	6690	4200	7490	8870	7070	3380	2100	4140	9380	5630	1900	3510
30	7320	3890	7540	9250	---	3370	1930	6160	9140	5650	1040	5420
31	7460	---	8170	9370	---	5930	---	6140	---	5720	987	---
TOTAL	205470	195600	192310	253660	218630	180850	114620	119370	221090	182730	86007	79020
MEAN	6628	6520	6204	8183	7539	5834	3821	3851	7370	5895	2774	2634
MAX	8300	9020	8590	9490	9410	9530	8550	8490	9640	9460	5310	5420
MIN	3420	2310	2890	5460	5530	2520	1110	1590	3640	1800	987	760

WTR YR 1976 TOTAL 2049357 MEAN 5599 MAX 9640 MIN 760

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

WATER-QUALITY RECORDS

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

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

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

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 167 micromhos June 16, 1976; minimum, 46 micromhos Apr. 9, 1973.
DISSOLVED OXYGEN: Maximum, 11.8 mg/l Dec. 22, 1974; minimum, 4.0 mg/l July 9, 1976.
WATER TEMPERATURE: Maximum, 30.5°C July 30, Aug. 11, 1973, Aug. 1, 2, 1974, Aug. 26, 27, 1975; minimum, 5.0°C Jan. 20, 1976.
pH: Maximum, 7.3 units Nov. 17, 1975; minimum, 5.9 units Nov. 11, 12, 1974, April 21, 22, 1975.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 167 micromhos June 16; minimum, 58 micromhos July 29.
DISSOLVED OXYGEN: Maximum, 10.7 mg/l Jan. 20; minimum, 4.0 mg/l July 9.
WATER TEMPERATURE: Maximum, 29.5°C Aug. 16; minimum, 5.0°C Jan. 20.
pH: Maximum, 7.3 units Nov. 17; minimum, 6.1 units July 28, 29.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	115	107	111	119	115	117	105	103	105	103	102	103
2	109	107	108	115	111	114	103	97	100	103	100	101
3	108	103	105	115	112	114	106	97	102	104	102	103
4	106	100	103	117	113	114	107	104	105	104	100	103
5	101	99	100	118	107	114	107	103	106	101	98	99
6	100	98	99	119	112	117	109	106	108	101	98	100
7	103	96	99	118	116	117	107	104	106	100	98	99
8	101	97	99	117	115	116	104	101	103	97	90	95
9	100	90	94	118	114	116	102	97	99	89	84	87
10	94	89	92	114	111	113	103	100	102	89	82	85
11	97	92	93	114	105	109	104	98	101	91	87	90
12	96	88	92	115	110	113	104	98	101	86	82	84
13	89	87	88	110	106	109	99	97	98	87	81	85
14	98	83	89	110	104	109	98	97	98	90	85	88
15	104	98	101	110	106	108	97	94	96	92	89	91
16	105	102	103	110	104	106	98	87	95	94	89	92
17	105	102	103	114	109	112	101	88	99	95	91	93
18	109	103	105	113	110	112	101	97	100	95	90	92
19	114	109	112	114	112	113	101	96	98	95	90	93
20	109	104	106	111	106	108	101	99	100	98	90	95
21	111	103	107	110	106	108	101	94	96	98	94	96
22	111	109	110	115	106	111	97	91	95	96	93	94
23	115	110	111	116	115	116	93	88	91	99	93	96
24	117	113	115	115	108	112	98	86	95	103	98	100
25	118	114	116	113	109	111	101	97	99	103	98	99
26	116	114	115	115	111	113	102	99	101	101	96	99
27	117	115	116	114	111	112	101	97	100	100	94	97
28	117	111	114	112	107	109	100	95	98	97	95	96
29	120	118	119	107	105	106	99	96	98	96	84	92
30	122	120	120	107	100	104	100	97	99	96	94	95
31	121	118	120	---	---	---	103	99	101	100	95	97
MONTH	122	83	105	119	100	112	109	86	100	104	81	95

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	101	95	100	97	96	96	101	99	100	108	101	105
2	94	87	89	98	95	96	116	100	107	104	94	100
3	100	86	93	96	94	95	---	---	---	103	94	100
4	100	96	98	97	94	95	---	---	---	98	82	95
5	99	97	98	98	95	97	---	---	---	110	77	103
6	99	98	98	96	93	94	---	---	---	110	105	108
7	98	92	97	95	91	92	100	97	98	105	102	104
8	95	87	91	93	91	92	98	88	96	103	98	100
9	96	92	94	95	88	91	99	94	96	116	99	109
10	96	89	93	96	94	95	100	95	97	115	109	113
11	98	96	97	95	89	93	98	92	95	109	105	107
12	98	96	97	96	86	89	94	91	93	115	91	107
13	98	96	97	97	94	96	97	88	91	119	113	117
14	98	94	96	96	94	95	99	95	97	120	116	119
15	97	95	96	94	89	92	96	95	96	116	107	112
16	96	94	95	92	81	88	100	94	98	115	111	113
17	96	93	95	94	79	87	102	98	100	118	104	113
18	96	94	95	90	85	88	103	101	102	121	108	116
19	95	93	94	95	90	93	101	99	100	120	115	118
20	94	91	93	96	92	95	101	97	100	118	116	117
21	96	92	94	91	86	88	111	96	105	121	117	119
22	101	94	97	91	84	87	110	108	109	125	121	123
23	99	95	97	100	80	92	110	108	110	125	122	123
24	97	91	95	104	99	103	111	110	110	124	119	121
25	94	91	93	105	100	104	109	107	108	119	106	112
26	97	91	95	103	99	101	107	106	106	129	116	126
27	97	94	96	101	96	99	101	99	100	128	125	126
28	96	93	95	99	92	97	106	99	102	128	122	125
29	99	94	96	100	91	97	106	95	100	137	125	131
30	---	---	---	98	90	96	108	104	107	147	136	143
31	---	---	---	102	90	100	---	---	---	147	140	144
MONTH	101	86	95	105	79	94	116	88	101	147	77	115

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	148	140	144	125	117	122	98	95	97	112	98	106
2	147	142	145	123	117	119	95	93	94	118	113	116
3	143	139	141	125	122	124	97	94	96	119	116	118
4	145	141	143	123	117	120	98	85	92	116	111	114
5	147	145	146	117	99	110	99	89	94	110	106	108
6	151	148	150	109	88	100	94	93	94	106	104	106
7	149	135	141	114	109	112	---	---	---	104	98	100
8	160	137	148	110	100	104	---	---	---	97	90	92
9	165	160	162	100	82	93	---	---	---	114	91	102
10	165	161	162	100	87	98	---	---	---	120	115	116
11	161	155	159	---	---	---	98	97	98	120	118	119
12	163	152	157	---	---	---	98	97	97	---	---	---
13	165	163	164	98	95	96	101	96	99	---	---	---
14	164	160	163	98	95	96	---	---	---	114	109	112
15	161	156	159	98	95	97	---	---	---	114	109	111
16	167	162	165	99	97	98	99	98	99	114	105	109
17	164	149	158	99	97	98	103	99	100	121	116	118
18	149	142	146	98	97	98	106	97	101	124	107	118
19	144	139	142	101	98	100	107	99	103	127	123	126
20	142	137	139	102	97	101	101	100	101	126	122	124
21	138	123	128	99	93	97	108	99	104	135	124	127
22	130	78	115	103	97	99	107	103	106	136	132	135
23	133	127	131	105	98	101	103	101	102	134	130	132
24	133	130	132	102	98	100	---	---	---	130	127	128
25	130	127	128	103	100	101	---	---	---	137	132	136
26	133	131	132	103	100	101	107	106	106	136	133	135
27	133	123	129	102	100	101	116	107	113	133	123	128
28	126	120	122	104	59	91	117	115	116	122	115	118
29	130	120	127	97	58	88	115	112	114	143	118	133
30	122	116	119	98	92	96	113	109	111	146	140	142
31	---	---	---	100	97	99	109	108	108	---	---	---
MONTH	167	78	143	125	58	102	---	---	---	146	90	119
YEAR	167	58	107									

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.8	6.3	6.5	5.3	5.1	5.2	5.8	5.6	5.7	7.2	6.5	6.9
2	6.9	6.5	6.7	5.2	5.0	5.1	6.0	5.7	5.9	6.9	6.4	6.6
3	6.8	6.4	6.6	5.4	4.6	5.2	6.6	6.0	6.2	6.6	6.3	6.4
4	6.9	6.2	6.6	5.3	5.1	5.2	6.8	6.6	6.7	6.6	6.3	6.5
5	6.3	6.2	6.2	5.7	5.2	5.5	6.9	6.7	6.8	6.6	6.5	6.6
6	6.3	6.2	6.3	5.9	5.3	5.6	6.4	6.2	6.3	6.8	6.6	6.7
7	6.5	6.2	6.4	5.3	5.0	5.1	---	---	---	6.9	6.8	6.8
8	6.6	6.2	6.4	5.1	5.0	5.1	---	---	---	7.1	6.8	6.9
9	6.5	6.2	6.4	5.4	4.0	4.7	---	---	---	7.2	6.6	6.9
10	6.7	6.0	6.4	---	---	---	---	---	---	6.5	6.0	6.3
11	6.7	6.0	6.4	---	---	---	6.0	5.8	5.9	6.0	5.9	6.0
12	6.5	5.8	6.1	---	---	---	6.4	5.9	6.1	---	---	---
13	6.3	5.9	6.2	6.1	5.9	6.0	6.4	5.7	6.1	---	---	---
14	6.3	5.5	6.0	6.4	5.9	6.1	---	---	---	7.6	7.0	7.3
15	6.4	5.9	6.2	6.3	5.8	6.1	---	---	---	7.8	7.4	7.6
16	6.2	5.8	6.0	6.1	5.7	5.9	6.6	6.0	6.3	7.4	6.7	7.2
17	6.2	5.9	6.0	6.0	5.7	5.9	7.2	6.5	6.9	7.0	6.6	6.8
18	5.9	5.7	5.8	5.9	5.7	5.8	7.4	7.0	7.2	6.9	6.7	6.8
19	5.7	5.4	5.6	6.0	5.9	5.9	7.4	7.0	7.2	7.1	6.6	6.9
20	5.9	5.7	5.8	6.3	5.8	6.0	7.7	7.2	7.4	7.1	6.7	7.0
21	6.0	5.7	5.9	6.4	5.9	6.1	8.0	6.5	7.4	7.1	6.5	6.9
22	5.7	5.1	5.5	6.2	5.9	6.1	7.6	6.6	6.9	6.8	6.5	6.6
23	5.3	4.9	5.1	6.3	5.6	6.0	7.6	7.0	7.4	7.5	6.5	7.1
24	5.3	4.9	5.1	6.3	5.7	6.0	---	---	---	7.5	6.9	7.3
25	5.0	4.8	4.9	6.1	5.7	5.9	---	---	---	7.1	6.9	6.9
26	5.0	4.9	5.0	6.0	5.7	5.9	6.5	6.2	6.4	7.0	6.7	6.9
27	5.4	5.0	5.1	6.2	5.8	5.9	6.5	6.2	6.3	6.9	6.7	6.8
28	5.1	4.7	4.9	6.4	5.4	6.0	6.5	6.2	6.3	7.0	6.7	6.8
29	5.4	4.3	5.2	5.7	5.4	5.5	6.5	6.3	6.4	7.0	6.3	6.7
30	5.1	5.0	5.0	5.8	5.4	5.6	6.6	6.3	6.4	6.7	6.2	6.5
31	---	---	---	5.7	5.4	5.6	7.1	6.5	6.7	---	---	---
MONTH	6.9	4.3	5.9	6.4	4.0	5.7	---	---	---	7.8	5.9	6.8
YEAR	10.7	4.0	7.7									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

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

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

02148315 WATEREE RIVER BELOW EASTOVER, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

02154500 NORTH PACOLET RIVER AT FINGERVILLE, S.C.

LOCATION.--Lat 35°07'15", long 81°59'10", Spartanburg County, Hydrologic Unit 03050105, on right bank at McMillin Mill, about 400 ft (120 m) downstream from Obed Creek, 1.4 mi (2.3 km) south of Fingerville, and at mile 48.5 (78.0 km).

DRAINAGE AREA.--116 mi^2 (300 km^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 (218.103 m) above mean sea level. From Nov. 26, 1929 to Nov. 24, 1933, recording gage at site about 400 ft (120 m) downstream at datum 5.60 ft (1.707 m) higher.

REMARKS.--Records fair. Some diurnal fluctuation at low and medium flow caused by mill above station.

AVERAGE DISCHARGE.--47 years, 211 ft^3/s (5.976 m^3/s), 24.70 in/yr (627 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,500 ft^3/s (354 m^3/s) Aug. 14, 1940, gage height, 27.13 ft (8.269 m) from rating curve extended above 4,300 ft^3/s (122 m^3/s) on basis of computation of peak flow over dam 2.0 mi (3.2 km) above station; minimum, 9.0 ft^3/s (0.25 m^3/s) Oct. 6, 1954; minimum daily, 28 ft^3/s (0.79 m^3/s) Oct. 6, 7, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,600 ft^3/s (45.3 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 17	2200	*2,630	74.5	*10.45	3.185

Minimum discharge, 63 ft^3/s (1.78 m^3/s) Sept. 13, gage height, 3.11 ft (0.948 m); minimum daily, 84 ft^3/s (2.38 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	225	212	275	695	340	238	780	250	299	208	127	109
2	263	207	250	391	420	235	473	225	278	198	123	105
3	220	205	235	331	340	230	371	193	272	210	121	105
4	207	200	227	298	300	230	329	181	275	260	119	105
5	200	198	222	266	280	228	299	178	248	284	118	104
6	198	200	220	250	270	228	275	178	228	228	115	102
7	188	353	222	258	260	228	266	263	218	213	119	100
8	437	511	227	308	250	218	255	245	210	200	144	102
9	768	376	220	255	250	290	245	200	228	203	200	95
10	379	304	217	243	248	272	238	188	208	215	140	92
11	295	258	212	240	248	240	233	195	200	181	126	87
12	258	325	210	240	243	238	230	213	225	181	121	86
13	237	529	207	238	243	314	225	188	198	174	117	84
14	225	347	207	263	243	260	223	190	203	165	118	94
15	217	295	207	240	238	248	220	362	200	161	117	390
16	212	272	212	235	240	317	215	581	223	178	125	192
17	1170	235	207	255	238	305	213	392	638	165	119	138
18	1610	226	203	235	243	263	210	293	572	157	114	122
19	685	219	195	223	299	253	208	260	353	159	109	116
20	392	237	195	225	248	245	205	233	638	159	105	113
21	338	245	198	228	240	269	200	218	557	157	111	112
22	307	235	195	223	365	253	200	208	404	149	127	107
23	292	235	193	218	335	238	193	203	335	167	115	102
24	275	242	191	220	272	233	193	198	299	153	108	102
25	266	232	200	220	263	230	193	198	272	141	105	101
26	255	225	412	350	255	228	183	193	250	141	103	157
27	245	250	316	978	250	233	183	190	240	149	108	257
28	230	245	255	927	245	228	178	235	260	140	106	168
29	230	227	235	446	240	220	178	822	225	136	164	174
30	227	225	266	356	---	678	181	755	220	133	137	348
31	217	---	505	314	---	682	---	365	---	135	115	---
TOTAL	11268	8070	7336	10169	7906	8572	7595	8593	8976	5500	3796	4069
MEAN	363	269	237	328	273	277	253	277	299	177	122	136
MAX	1610	529	505	978	420	682	780	822	638	284	200	390
MIN	188	198	191	218	238	218	178	178	198	133	103	84
CFSM	3.13	2.32	2.04	2.83	2.35	2.39	2.18	2.39	2.58	1.53	1.05	1.17
IN.	3.61	2.59	2.35	3.26	2.54	2.75	2.44	2.76	2.88	1.76	1.22	1.30

CAL YR 1975 TOTAL 102586 MEAN 281 MAX 3850 MIN 103 CFSM 2.42 IN 32.90
WTR YR 1976 TOTAL 91850 MEAN 251 MAX 1610 MIN 84 CFSM 2.16 IN 29.46

02154950 LAKE WILLIAM C. BOWEN NEAR FINGERVILLE, S.C.

LOCATION.--Lat 35°06'45", long 82°02'26", Spartanburg County, Hydrologic Unit 03050105, at bridge on State Highway 9, 1.7 mi (2.7 km) upstream from the dam and 2.8 mi (4.5 km) southwest of Fingerville.

DRAINAGE AREA.--79.4 mi^2 (205.6 km^2).

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

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (Spartanburg Water Works datum).

REMARKS.--Reservoir is formed by concrete dam, completed in 1960. Capacity is 7,400,000,000 gal (28.009 hm^3). Spillway crest is at gage height 815 ft (248.4 m). Water used as inflow to South Pacolet River Reservoir, capacity, 1,104,000,000 gal (4.179 hm^3).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 817.12 ft (249.058 m) May 23, 1973; minimum, 809.28 ft (246.669 m) Nov. 30, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 816.07 ft (248.738 m) Oct. 18; minimum, 812.54 ft (247.662 m) Sept. 13, 14.

Capacity table (gage height, in feet and meters) and usable contents (in billions of gallons and millions of cubic meters)
(Prepared from curve by Wiedeman and Singleton Engineers of Atlanta, Ga.)

811 ft (247.19 m)	5.45 (20.628 m^3)
812 ft (247.50 m)	5.90 (22.331 m^3)
813 ft (247.80 m)	6.35 (24.035 m^3)
814 ft (248.11 m)	6.80 (25.738 m^3)
815 ft (248.41 m)	7.30 (27.630 m^3)
816 ft (248.72 m)	7.80 (29.523 m^3)

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	815.05	814.56	814.54	813.96	815.18	814.34	815.41	815.17	815.22	815.10	814.89	813.25
2	815.04	814.50	814.50	814.02	815.12	814.28	815.30	815.15	815.18	815.09	814.84	813.17
3	814.99	814.42	814.45	814.08	815.10	814.22	815.25	815.09	815.20	815.14	814.79	813.08
4	814.93	814.36	814.40	814.07	815.07	814.17	815.23	815.08	815.17	815.22	814.75	812.99
5	814.87	814.29	814.34	814.05	815.06	814.10	815.20	815.07	815.15	815.20	814.71	812.91
6	814.80	814.22	814.28	814.02	815.02	814.05	815.19	815.09	815.15	815.16	814.69	812.82
7	814.74	814.71	814.23	814.09	814.98	813.97	815.18	815.23	815.14	815.15	814.70	812.75
8	815.39	814.95	814.19	814.14	814.96	813.91	815.17	815.17	815.12	815.14	814.74	812.72
9	815.38	815.00	814.12	814.10	814.91	813.99	815.15	815.15	815.14	815.10	814.81	812.69
10	815.22	815.03	814.06	814.07	814.88	813.95	815.16	815.14	815.14	815.09	814.81	812.65
11	815.15	815.01	813.99	814.05	814.83	813.90	815.15	815.14	815.14	815.08	814.79	812.60
12	815.07	815.27	813.91	814.01	814.79	813.92	815.15	815.10	815.09	815.06	814.76	812.57
13	815.02	815.28	813.84	814.01	814.75	813.99	815.15	815.09	815.09	815.04	814.71	812.54
14	814.98	815.15	813.78	814.00	814.70	813.95	815.15	815.09	815.09	815.04	814.63	812.84
15	814.92	815.10	813.71	813.96	814.65	813.97	815.15	815.33	815.08	815.04	814.56	813.33
16	814.86	815.06	813.66	813.94	814.62	814.13	815.15	815.44	815.13	815.07	814.48	813.42
17	816.04	815.03	813.60	813.94	814.56	814.16	815.14	815.31	815.44	815.05	814.40	813.46
18	815.61	814.99	813.51	813.89	814.57	814.15	815.11	815.21	815.28	815.03	814.30	813.46
19	815.31	814.96	813.42	813.83	814.55	814.11	815.11	815.16	815.34	815.03	814.20	813.47
20	815.18	814.92	813.34	813.79	814.50	814.10	815.11	815.15	815.54	815.03	814.09	813.42
21	815.14	814.87	813.26	813.73	814.51	814.09	815.10	815.14	815.37	815.02	814.02	813.34
22	815.08	814.82	813.18	813.68	814.65	814.04	815.10	815.14	815.29	815.01	813.94	813.24
23	815.04	814.81	813.10	813.63	814.64	813.99	815.09	815.10	815.23	815.01	813.86	813.12
24	815.00	814.77	813.01	813.57	814.61	813.94	815.08	815.10	815.20	814.99	813.80	813.00
25	814.97	814.71	813.01	813.51	814.58	813.88	815.07	815.10	815.17	814.97	813.72	812.88
26	814.92	814.67	813.10	813.99	814.53	813.84	815.06	815.09	815.16	814.96	813.63	813.10
27	814.88	814.67	813.18	815.22	814.49	813.79	815.05	815.09	815.16	815.00	813.54	813.15
28	814.83	814.62	813.15	815.35	814.44	813.72	815.06	815.23	815.16	814.99	813.48	813.06
29	814.78	814.56	813.09	815.25	814.39	813.74	815.06	815.61	815.16	814.97	813.50	813.12
30	814.71	814.53	813.18	815.16	---	814.54	815.09	815.38	815.14	814.95	813.43	813.47
31	814.63	---	813.65	815.14	---	815.23	---	815.27	---	814.92	813.34	---
MAX	816.04	815.28	815.54	815.35	815.18	815.23	815.41	815.61	815.54	815.22	814.89	813.47
MIN	814.63	814.22	813.01	813.51	814.39	813.72	815.05	815.07	815.08	814.92	813.34	812.54
(†)	7.12	7.06	6.64	7.37	7.00	7.42	7.34	7.44	7.37	7.26	6.50	6.56
(‡)	-9.98	-3.09	-20.96	36.43	-19.74	20.96	-4.13	4.99	-6.19	-5.49	-37.93	2.99

CAL YR 1975 ‡ 7.59 MAX 816.49 MIN 809.58
WTR YR 1976 ‡ 3.13 MAX 816.04 MIN 812.54

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

02155500 PACOLET RIVER NEAR FINGERVILLE, S.C.

LOCATION.--Lat 35°06'35", long 81°57'35", Spartanburg County, Hydrologic Unit 03050105, on right bank 100 ft (30 m) upstream from highway bridge, 0.2 mi (0.3 km) downstream from confluence of North Pacolet and South Pacolet Rivers, 2.8 mi (4.5 km) southeast of Fingerville, and at mile 46.5 (74.8 km).

DRAINAGE AREA.--212 mi^2 (549 km^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 (215.289 m) above mean sea level.

REMARKS.--Records good. Some regulation by South Pacolet River Reservoir and Lake William C. Bowen (see preceding page). Some diurnal fluctuation caused by mill on North Pacolet River. About 25,050,000 gal per day (94,800 m^3) or 38.8 ft^3/s (1.10 m^3/s) diverted above station for city of Spartanburg water supply during water year 1976.

AVERAGE DISCHARGE.--47 years, 347 ft^3/s (9.827 m^3/s), 22.23 in/yr (565 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,800 ft^3/s (646 m^3/s) Aug. 14, 1940, gage height, 22.43 ft (6.837 m), from rating curve extended above 9,600 ft^3/s (272 m^3/s) by velocity-area studies; minimum daily, 32 ft^3/s (0.91 m^3/s) Oct. 6, 7, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1903 reached a stage of 46 ft (14.0 m), from floodmark (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,190 ft^3/s (204 m^3/s) Oct. 17, gage height, 9.69 ft (2.954 m); minimum daily, 96 ft^3/s (2.72 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	415	376	451	1190	669	356	1330	393	577	336	147	183
2	535	376	424	604	725	348	858	380	525	290	150	178
3	417	393	406	505	577	344	714	313	460	262	166	218
4	350	376	393	470	505	340	626	332	410	344	160	192
5	309	336	389	424	485	340	505	265	344	500	140	175
6	299	317	385	402	480	372	423	227	328	368	137	198
7	294	648	389	424	461	465	414	423	340	344	142	211
8	792	822	398	525	461	376	410	520	324	328	195	140
9	1520	451	336	451	393	410	372	385	302	321	287	132
10	798	428	324	433	380	397	356	328	298	309	218	130
11	571	397	332	389	393	348	348	321	294	221	166	123
12	520	582	328	438	389	344	340	287	321	205	147	116
13	505	936	324	411	385	432	336	234	265	227	145	96
14	437	709	328	406	380	419	340	238	269	231	166	106
15	356	621	368	376	372	406	336	599	269	208	192	505
16	332	588	490	372	372	490	328	1170	321	211	258	302
17	2030	520	447	398	442	545	324	828	1110	189	238	163
18	3200	414	380	393	535	525	321	632	1040	180	211	147
19	1330	376	364	385	545	510	317	495	632	202	153	140
20	810	368	368	385	442	372	305	419	1270	211	150	142
21	643	368	368	385	432	380	290	328	1130	208	155	163
22	545	356	344	406	588	364	280	251	764	186	189	189
23	505	360	313	470	550	344	276	244	632	189	231	202
24	465	364	313	485	437	340	258	244	540	175	205	208
25	432	356	324	480	397	336	234	272	389	166	163	211
26	401	385	593	816	385	340	227	269	332	169	155	328
27	364	500	461	1470	376	401	227	258	321	265	178	520
28	364	447	389	1490	368	360	224	340	380	224	211	234
29	401	398	364	846	360	410	214	1590	348	195	262	294
30	428	393	485	725	---	1100	224	1470	348	172	202	698
31	406	---	894	669	---	1120	---	747	---	153	192	---
TOTAL	20774	13961	12472	17623	13284	13634	11757	14802	14883	7589	5711	6644
MEAN	670	465	402	568	458	440	392	477	496	245	184	221
MAX	3200	936	894	1490	725	1120	1330	1590	1270	500	287	698
MIN	294	317	313	372	360	336	214	227	265	153	137	96
CFSM	3.16	2.19	1.90	2.68	2.16	2.08	1.85	2.25	2.34	1.16	.87	1.04
IN.	3.65	2.45	2.19	3.09	2.33	2.39	2.06	2.60	2.61	1.33	1.00	1.17

CAL YR 1975 TOTAL 183772 MEAN 503 MAX 6550 MIN 156 CFSM 2.37 IN 32.25
WTR YR 1976 TOTAL 153134 MEAN 418 MAX 3200 MIN 96 CFSM 1.97 IN 26.87

02156500 BROAD RIVER NEAR CARLISLE, S.C.

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 (2.1 km) upstream from Sandy River, 2.0 mi (3.2 km) downstream from Seaboard Coast Line Railroad bridge, 2.5 mi (4.0 km) east of Carlisle, 5.0 mi (8.0 km) downstream from Neals Shoals Dam, and at mile 226.0 (363.6 km).

DRAINAGE AREA.--2,790 mi^2 (7,230 km^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 (88.605 m) above mean sea level, datum of 1929.

REMARKS.--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.--38 years, 4,032 ft^3/s (114.2 m^3/s), 19.62 in/yr (498 mm/yr).

EXTREMES FOR PERIOD OF RECORD: Maximum discharge, 103,000 ft^3/s (2,917 m^3/s) Aug. 15, 1940, gage height, 29.41 ft (8.964 m), from rating curve extended above 66,000 ft^3/s (1,869 m^3/s) on basis of computation of peak flow over Neals Shoals Dam; minimum, 37 ft^3/s (1.05 m^3/s), Aug. 29, 1955; minimum daily, 44 ft^3/s (1.25 m^3/s) Sept. 2, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 25,000 ft^3/s (708 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 19	1600	*31,000	878	*14.95	4.557

Minimum discharge, 174 ft^3/s (4.93 m^3/s) Sept. 13; minimum daily 880 ft^3/s (24.9 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3550	3430	4030	16000	5750	3190	15900	2680	6560	3500	1860	1900
2	3170	3330	3750	13500	6090	3130	12100	3560	5300	3680	1770	1640
3	3810	3330	3790	8010	6810	3370	8280	3890	5270	2950	1740	1930
4	3990	3170	3750	6830	5600	3190	6840	2980	5440	3580	1590	2010
5	3390	3310	3190	5880	5160	3150	5900	2330	5260	7120	1450	1580
6	3270	3190	3170	5180	5120	3290	5130	2560	4670	6100	1330	1630
7	3130	3270	3150	4870	4290	3510	4920	2900	3780	4470	1230	1620
8	2570	5230	4050	5120	4310	3190	4720	3850	3230	3220	1420	1850
9	9030	7370	3790	5900	4410	3710	4200	3970	3510	2740	2170	1510
10	10700	5080	3350	5080	3750	4170	4150	2670	3480	2820	2650	1670
11	5770	4430	3410	4270	3730	4580	3370	2700	2930	2990	2200	1360
12	4530	4530	3550	4190	3950	3750	3620	3020	2880	2830	2140	1580
13	3970	6680	2960	3830	3850	5290	3690	2860	3050	2420	1590	880
14	3710	10800	3030	3950	3390	5790	3770	2930	3370	2430	1910	1760
15	3650	6880	2990	4070	3650	5180	3400	3180	3120	2350	1830	3890
16	3690	5330	3310	4230	3870	9460	3220	12400	3050	2150	2510	6590
17	3510	5100	3430	3970	3870	13600	3120	14200	4570	2600	2150	4810
18	14100	4350	3950	3610	3670	6580	3240	8080	7810	2380	2150	2360
19	29100	3970	3350	3810	4090	5080	2990	5760	6040	2170	1900	1820
20	14500	3490	3150	3630	4490	4740	3290	5160	5210	1960	1520	1930
21	7300	3490	3310	3850	4090	4460	2880	4840	8730	2310	1500	1770
22	5710	4150	2620	3530	4270	4130	3070	3960	8880	2160	1820	1420
23	5180	3550	2840	3130	6220	4020	3060	3620	10800	1920	1710	1850
24	4550	3590	2820	3650	5210	3570	3080	3190	7610	2290	1760	1820
25	4090	3390	3230	3550	4620	3460	2960	3060	5830	2120	1570	1650
26	4110	3650	3690	3630	3890	3710	2640	3020	5240	2150	1590	3230
27	3830	3750	5790	4660	3970	3510	2520	3000	4550	1790	1410	7630
28	3750	3430	5960	14900	3890	3440	2500	2780	3730	2410	2250	5460
29	3730	3550	4970	13100	3770	3240	2690	4150	3640	2220	3090	3170
30	3230	3570	4550	8100	---	4940	2810	12400	3730	2210	2010	3790
31	3430	---	7800	6630	---	13400	---	12000	---	1970	2120	---
TOTAL	182050	132390	116730	184660	129780	149830	134060	147700	151270	88010	57940	76110
MEAN	5873	4413	3765	5957	4475	4833	4469	4765	5042	2839	1869	2537
MAX	29100	10800	7800	16000	6810	13600	15900	14200	10800	7120	3090	7630
MIN	2570	3170	2620	3130	3390	3130	2500	2330	2880	1790	1230	880
CFSM	2.11	1.58	1.35	2.14	1.60	1.73	1.60	1.71	1.81	1.02	.67	.91
IN.	2.43	1.77	1.56	2.46	1.73	2.00	1.79	1.97	2.02	1.17	.77	1.01

CAL YR 1975 TOTAL 2222180 MEAN 6088 MAX 64400 MIN 1720 CFSM 2.18 IN 29.63
WTR YR 1976 TOTAL 1550530 MEAN 4236 MAX 29100 MIN 880 CFSM 1.52 IN 20.67

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

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

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 115 micromhos Nov. 8, 1976; minimum, 27 micromhos May 19, 20, 1975.
DISSOLVED OXYGEN: Maximum, 12.5 mg/l Dec. 7, 8, 1974; minimum, 5.5 mg/l Sept. 3, 1974.
WATER TEMPERATURE: Maximum, 31.0°C July 25, 1976; minimum, 2.0°C Jan. 20, 1976.
pH: Maximum, 9.0 units Dec. 25, 1974; minimum, 6.2 units June 29, 1975.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 115 micromhos Nov. 8; minimum, 40 micromhos May 30, 31.
DISSOLVED OXYGEN: Maximum, 12.3 mg/l Dec. 23; minimum, 6.3 mg/l July 27.
WATER TEMPERATURE: Maximum, 31.0°C July 25; minimum, 2.0°C Jan. 20.
pH: Maximum, 7.5 units Jan. 9; minimum, 6.4 units Sept. 30.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	57	55	56	66	62	64	86	79	83	---	---	---
2	60	57	58	66	63	64	84	76	81	50	48	49
3	64	60	62	65	62	64	73	64	70	48	47	48
4	61	59	60	64	63	64	70	62	64	51	48	49
5	60	58	59	63	62	62	63	60	61	51	49	50
6	63	60	61	64	62	63	60	51	55	52	50	51
7	62	58	60	68	62	65	60	54	57	54	50	52
8	63	59	61	115	64	98	62	60	61	58	54	55
9	62	49	58	99	71	86	65	60	62	58	55	56
10	48	47	48	68	57	60	64	62	63	57	56	56
11	52	48	50	63	58	60	63	60	61	59	57	58
12	57	52	55	66	62	63	62	59	60	61	58	59
13	59	57	58	66	61	63	64	55	60	60	57	59
14	60	57	58	63	52	56	70	61	65	60	58	59
15	60	58	59	55	53	54	71	64	67	59	58	59
16	60	57	59	56	53	55	71	64	68	59	58	59
17	64	60	62	57	55	56	72	61	66	61	59	60
18	65	62	63	60	55	57	66	63	65	64	60	62
19	---	---	---	61	59	60	72	60	68	66	59	64
20	45	43	44	62	60	61	67	64	66	61	58	59
21	47	44	45	66	61	64	63	57	60	59	58	58
22	51	47	48	61	59	60	65	60	62	61	59	60
23	54	52	53	63	59	61	67	61	64	66	61	63
24	57	54	55	64	62	63	67	64	66	66	65	66
25	61	57	59	65	61	63	59	55	56	66	63	64
26	62	59	60	64	60	62	58	55	57	64	61	63
27	64	60	62	62	60	61	65	60	62	63	58	60
28	62	58	60	64	62	63	49	40	46	60	46	51
29	61	59	60	70	62	67	58	51	55	47	45	46
30	64	58	61	79	66	73	69	58	64	48	45	47
31	68	64	66	---	---	---	71	58	64	50	48	49
MONTH	68	43	57	115	52	64	86	40	63	66	45	56

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	54	50	52	70	66	68	48	47	48	70	67	69
2	56	53	54	67	60	64	48	47	48	72	70	71
3	56	51	53	65	60	63	49	48	49	72	63	66
4	55	52	53	65	63	64	50	48	49	63	60	61
5	58	54	56	66	63	65	53	49	51	62	61	62
6	58	57	57	74	63	67	53	50	52	66	63	65
7	61	57	59	74	65	70	55	52	54	70	66	67
8	64	60	61	74	72	73	58	54	56	74	69	71
9	62	59	60	73	68	70	60	58	59	71	64	67
10	60	56	58	71	66	69	62	59	61	---	---	---
11	61	60	61	71	63	68	64	62	63	67	62	65
12	61	59	61	67	63	66	66	62	63	66	64	65
13	63	61	62	73	65	69	63	58	60	66	63	65
14	65	62	64	75	62	69	59	56	57	67	65	66
15	67	65	66	72	46	59	60	57	59	73	65	69
16	66	61	64	64	45	59	64	60	63	---	---	---
17	62	55	59	51	46	49	67	64	65	55	54	54
18	60	58	59	58	50	54	66	64	65	56	53	54
19	61	59	60	62	58	60	67	65	66	58	52	55
20	63	61	62	65	62	63	65	60	63	62	58	60
21	63	61	62	66	62	64	62	60	61	---	---	---
22	64	60	62	66	63	64	62	60	61	63	61	62
23	64	60	62	64	59	62	64	62	63	65	62	63
24	62	60	61	63	61	62	67	64	65	68	65	67
25	59	56	58	64	62	63	66	64	66	66	62	64
26	63	56	60	67	63	65	67	65	66	70	63	64
27	67	63	65	66	64	65	67	65	66	66	64	65
28	69	66	67	67	65	66	66	64	65	74	66	69
29	68	66	67	70	67	69	66	63	65	68	62	65
30	---	---	---	69	63	67	68	64	66	65	40	51
31	---	---	---	63	47	55	---	---	---	45	40	42
MONTH	69	50	60	75	45	64	68	47	60	74	40	63

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	47	44	45	59	54	57	70	66	68	75	73	74
2	50	45	47	57	54	56	72	67	70	77	73	75
3	54	49	51	58	57	57	69	67	68	75	72	73
4	59	53	57	63	58	59	71	62	67	80	76	78
5	57	56	56	59	53	55	66	63	65	81	78	79
6	58	56	57	58	53	56	67	64	66	81	76	78
7	59	57	58	55	51	52	69	64	67	82	78	81
8	62	58	60	57	55	56	71	65	69	82	79	80
9	63	58	61	61	58	60	72	70	71	83	78	81
10	59	56	57	66	60	62	71	66	69	79	75	77
11	61	56	58	64	61	62	66	59	61	85	77	81
12	66	61	63	62	59	61	63	58	60	---	---	---
13	67	61	64	63	60	61	66	63	65	95	84	89
14	67	62	64	63	59	60	70	64	67	91	82	88
15	63	60	62	63	60	62	75	70	72	76	71	74
16	65	59	62	65	61	63	77	71	73	75	61	68
17	63	57	59	69	61	65	72	62	67	63	61	62
18	61	50	55	70	63	66	71	68	70	63	61	62
19	52	50	51	68	63	65	69	64	66	65	62	63
20	59	52	53	70	66	68	68	65	66	72	66	69
21	59	49	53	67	62	65	71	66	68	78	73	76
22	53	43	47	69	65	67	79	71	74	78	75	77
23	51	41	44	68	62	65	94	79	86	84	75	79
24	52	42	48	70	65	67	86	78	82	82	78	80
25	54	51	52	72	65	68	81	73	77	80	78	79
26	54	50	52	70	64	67	76	72	75	80	64	77
27	56	51	53	74	66	70	74	70	72	65	48	57
28	57	56	57	71	68	69	78	71	73	72	50	60
29	57	54	56	72	63	68	81	76	78	66	48	62
30	58	54	55	67	62	64	85	75	80	67	62	65
31	---	---	---	69	65	67	76	71	73	---	---	---
MONTH	67	41	55	74	51	63	94	58	70	95	48	74
YEAR	115	40	63									

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	7.9	8.1	7.0	6.8	6.9	6.9	6.5	6.7	6.9	6.7	6.9
2	7.9	7.7	7.8	7.0	6.9	7.0	7.0	6.5	6.8	7.4	6.9	7.1
3	7.9	7.7	7.9	7.2	7.0	7.1	7.2	6.8	7.1	7.4	6.9	7.1
4	8.2	7.9	8.0	7.2	7.0	7.0	7.5	7.1	7.3	7.4	7.0	7.2
5	8.3	8.1	8.2	7.4	7.1	7.3	7.5	7.2	7.3	7.4	7.0	7.2
6	8.6	8.2	8.4	7.4	7.2	7.3	7.6	7.2	7.4	7.6	7.1	7.3
7	8.5	8.2	8.4	7.4	7.2	7.3	7.5	7.1	7.4	7.7	7.1	7.3
8	8.3	8.2	8.2	7.2	6.9	7.1	7.4	7.0	7.2	7.6	7.1	7.3
9	8.2	7.9	8.1	7.1	6.9	7.0	7.3	6.9	7.1	7.8	7.1	7.4
10	8.1	7.8	8.0	7.1	7.0	7.0	7.3	6.9	7.1	7.6	7.0	7.3
11	8.0	7.6	7.8	7.3	7.2	7.2	7.1	6.9	7.0	7.3	7.1	7.2
12	7.9	7.5	7.7	7.4	7.2	7.3	7.1	6.7	6.9	---	---	---
13	7.6	7.4	7.5	7.4	6.8	7.2	7.1	6.7	6.8	9.0	7.5	8.3
14	7.6	7.1	7.4	7.4	7.2	7.3	7.0	6.6	6.8	8.1	7.5	7.7
15	7.5	7.1	7.4	7.4	7.2	7.3	7.0	6.5	6.8	8.2	7.8	8.0
16	7.5	7.3	7.4	7.7	7.1	7.4	6.9	6.7	6.8	8.4	7.5	8.0
17	7.6	7.4	7.5	7.3	7.0	7.1	7.0	6.5	6.8	8.2	6.9	7.6
18	7.8	7.5	7.7	7.6	7.1	7.3	6.9	6.5	6.7	7.3	7.2	7.3
19	7.8	7.6	7.7	7.4	7.1	7.3	7.0	6.7	6.9	7.7	7.4	7.6
20	7.9	7.7	7.8	7.6	7.1	7.4	7.3	6.9	7.1	7.9	6.7	7.7
21	8.2	7.8	8.0	7.7	7.1	7.4	7.4	7.2	7.3	7.7	7.4	7.5
22	8.0	7.8	7.9	7.8	7.0	7.3	7.3	7.0	7.2	8.0	7.4	7.7
23	8.1	7.8	8.0	7.6	6.8	7.1	7.4	7.0	7.2	7.9	7.5	7.8
24	7.8	7.4	7.5	7.3	6.7	7.0	7.5	6.9	7.2	8.2	7.7	8.0
25	7.4	7.2	7.4	7.4	6.6	6.9	7.1	6.7	6.9	8.5	7.8	8.1
26	7.4	7.0	7.2	7.1	6.5	6.7	7.2	6.7	6.9	8.0	7.6	7.8
27	7.1	6.9	7.0	7.0	6.3	6.7	7.0	6.6	6.8	7.9	7.3	7.6
28	7.0	6.9	6.9	7.1	6.6	6.9	7.2	6.6	6.8	7.7	6.6	7.1
29	7.1	6.9	7.0	7.0	6.6	6.7	7.0	6.5	6.7	7.8	7.5	7.7
30	7.0	6.8	6.9	6.9	6.6	6.8	6.6	6.4	6.5	7.4	6.9	7.3
31	---	---	---	7.0	6.6	6.8	6.6	6.4	6.5	---	---	---
MONTH	8.6	6.8	7.7	7.8	6.3	7.1	7.6	6.4	7.0	9.0	6.6	7.5
YEAR	12.3	6.3	9.0									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	20.0	21.5	26.5	25.5	26.0	30.0	28.0	29.0	26.5	23.5	25.0
2	23.5	22.0	22.5	26.0	25.0	26.0	29.0	27.5	28.5	25.5	24.0	25.0
3	23.0	21.0	22.0	25.5	25.0	25.5	27.5	26.0	26.5	25.0	24.0	24.5
4	21.0	19.5	20.0	25.5	23.5	24.5	27.5	24.5	26.0	25.0	23.5	24.5
5	21.5	19.5	20.0	23.5	21.5	22.0	27.5	24.0	24.5	25.0	23.5	24.0
6	21.5	18.0	20.0	21.5	21.0	21.5	27.5	24.5	26.0	25.5	23.5	24.5
7	21.0	18.5	20.0	23.0	21.5	22.5	27.5	25.5	26.5	26.0	23.5	24.5
8	23.0	20.5	22.0	24.0	22.5	23.5	27.5	25.0	26.0	26.0	23.0	24.5
9	23.5	21.5	22.0	26.0	23.5	24.5	27.5	25.5	26.5	27.0	24.0	25.5
10	24.5	22.5	23.5	26.5	24.5	25.5	27.5	25.5	26.5	26.0	23.5	25.0
11	25.5	23.5	24.5	27.5	25.5	26.5	28.0	26.5	27.0	23.0	21.0	22.0
12	26.0	24.5	25.0	28.0	26.0	27.0	28.5	25.5	27.0	---	---	---
13	25.5	24.5	25.0	29.0	26.5	27.5	29.0	26.0	27.5	23.0	22.0	22.5
14	25.5	24.5	25.0	28.5	26.5	27.5	29.0	27.0	28.0	22.0	20.5	21.5
15	26.0	24.0	25.0	29.0	26.0	27.5	29.5	27.5	28.5	20.5	20.0	20.0
16	25.5	25.0	25.5	29.5	26.5	28.0	29.0	27.5	28.0	20.0	19.5	19.5
17	25.0	24.0	24.5	28.5	26.5	27.5	28.5	26.0	27.5	20.5	19.5	20.0
18	24.0	23.0	23.5	28.5	26.5	27.5	27.0	24.5	26.0	22.0	20.0	21.0
19	23.5	23.0	23.0	28.0	26.0	27.0	26.5	24.0	25.5	23.0	20.0	21.5
20	23.0	22.5	23.0	28.0	26.5	27.0	24.5	23.5	24.0	23.5	21.0	22.5
21	24.0	22.5	23.0	28.5	26.0	27.0	23.5	23.0	23.5	24.0	22.5	23.0
22	24.0	23.0	23.5	29.0	26.5	27.5	24.5	23.0	24.0	24.0	21.5	23.0
23	23.5	22.5	22.5	29.0	26.5	28.0	25.5	23.0	24.5	23.5	20.5	22.0
24	23.5	22.0	22.5	30.0	27.5	29.0	27.0	24.0	25.5	23.0	20.0	21.5
25	24.5	23.0	23.5	31.0	28.0	29.5	28.0	25.0	26.5	23.0	20.0	21.5
26	25.0	23.5	24.5	30.0	28.5	29.0	28.5	26.0	27.0	22.0	20.5	21.5
27	25.5	24.0	25.0	29.5	27.5	28.5	28.5	26.0	27.5	21.0	20.0	20.5
28	25.5	24.5	25.0	29.0	27.5	28.5	28.5	26.5	27.5	22.0	21.0	21.5
29	26.0	25.0	25.5	29.0	27.0	28.0	29.0	26.5	27.5	22.0	21.5	22.0
30	26.5	25.5	26.0	29.5	27.5	28.5	28.0	26.0	27.0	22.0	21.5	22.0
31	---	---	---	30.0	27.5	29.0	26.5	24.5	25.5	---	---	---
MONTH	26.5	18.0	23.5	31.0	21.0	26.5	30.0	23.0	26.5	27.0	19.5	22.5
YEAR	31.0	2.0	17.5									

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

02156500 BROAD RIVER NEAR CARLISLE, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

02157000 NORTH TYGER RIVER NEAR FAIRMONT, S.C.

LOCATION.--Lat 34°55'45", long 82°02'40", Spartanburg County, Hydrologic Unit 03050107, on left bank 80 ft (24 m) downstream from Frey Creek, 2.2 mi (3.5 km) north of Fairmont, and at mile 57.9 (93.2 km).

DRAINAGE AREA.--44 mi^2 (114 km^2), approximately.

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

GAGE.--Water-stage recorders and concrete control. Altitude of gage is 680 ft (207 m) (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--26 years, 65.8 ft^3/s (1.86 m^3/s), 20.31 in/yr (516 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,610 ft^3/s (102 m^3/s) May 26, 1959, gage height, 13.58 ft (4.139 m), from rating curve extended above 2,100 ft^3/s (59.5 m^3/s); minimum, 6.0 ft^3/s (0.17 m^3/s) Sept. 19, 20, 1954; minimum daily, 7.0 ft^3/s (0.20 m^3/s) Sept. 19, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 700 ft^3/s (19.8 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 18	0615	*1,780	50.4	*9.13	2.783

Minimum daily, 17 ft^3/s (0.48 m^3/s) Sept. 11.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56	55	75	165	103	57	206	72	76	29	21	20
2	78	55	63	106	115	56	122	57	63	28	20	27
3	55	54	60	98	91	55	98	52	91	26	20	24
4	52	54	56	88	82	55	94	51	67	50	20	23
5	50	54	51	76	77	55	91	50	55	56	19	22
6	50	53	53	72	75	56	80	50	49	41	19	20
7	49	148	56	83	68	53	75	115	47	36	28	19
8	223	102	58	115	67	53	72	79	45	32	43	19
9	214	71	59	83	63	85	68	60	43	28	60	19
10	91	84	58	74	53	71	67	56	40	27	32	18
11	73	72	56	71	60	60	65	56	39	25	27	17
12	65	137	55	71	71	65	66	55	37	24	24	20
13	60	264	55	70	64	140	66	52	35	23	23	32
14	58	109	56	76	60	86	65	52	35	22	24	70
15	55	86	58	66	58	80	63	106	36	22	21	144
16	54	77	63	64	59	233	60	263	52	23	22	45
17	457	72	60	75	59	146	58	110	68	29	22	34
18	1110	69	60	63	65	103	57	80	45	24	20	30
19	153	66	55	59	72	88	57	67	43	24	19	26
20	105	65	55	60	62	80	56	63	63	25	19	25
21	87	65	55	62	63	82	56	59	44	23	20	25
22	78	62	54	59	138	72	55	56	41	22	21	23
23	72	65	54	58	91	67	53	54	37	24	20	22
24	68	65	53	57	75	65	52	53	36	22	18	22
25	65	63	57	58	68	65	52	54	34	19	18	20
26	63	59	112	115	65	63	53	54	32	26	18	60
27	62	70	78	339	63	63	52	52	32	62	19	83
28	61	62	66	233	59	62	52	75	35	32	23	43
29	60	58	64	135	57	60	52	300	32	27	23	138
30	58	57	88	106	---	182	52	152	31	25	22	91
31	56	---	199	88	---	258	---	97	---	24	20	---
TOTAL	3838	2373	2042	2945	2103	2716	2115	2552	1383	900	725	1181
MEAN	124	79.1	65.9	95.0	72.5	87.6	70.5	82.3	46.1	29.0	23.4	39.4
MAX	1110	264	199	339	138	258	206	300	91	62	60	144
MIN	49	53	51	57	53	53	52	50	31	19	18	17
CFSM	2.82	1.80	1.50	2.16	1.65	1.99	1.60	1.87	1.05	.66	.53	.90
IN.	3.24	2.01	1.73	2.49	1.78	2.30	1.79	2.16	1.17	.76	.61	1.00

CAL YR 1975 TOTAL 33920 MEAN 92.9 MAX 1630 MIN 30 CFSM 2.11 IN 28.68
WTR YR 1976 TOTAL 24873 MEAN 68.0 MAX 1110 MIN 17 CFSM 1.55 IN 21.03

02160105 TYGER RIVER NEAR DELTA, S.C.

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 (1.4 km) downstream from Seaboard Coast Line Railroad, 0.8 mi (1.3 km) southeast of Delta, and at mile 9.0 (14.5 km).

DRAINAGE AREA.--759 mi^2 (1966 km^2).

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Altitude of gage is 300 ft (91 m) (from topographic map).

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,700 ft^3/s (473 m^3/s) Mar. 15, 1975, gage height, 20.36 ft (6.206 m); minimum daily, 384 ft^3/s (10.9 m^3/s) Nov. 11, 1974.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 7,500 ft^3/s (212 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 17	1800	*8,900	252	*15.69	4.782

Minimum daily, 265 ft^3/s (7.50 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	912	776	888	3530	1440	928	3900	748	2330	733	541	325
2	896	764	952	3230	1620	900	4400	940	1420	656	516	315
3	1010	756	944	2320	1790	880	2850	904	1270	614	495	310
4	956	760	896	1740	1510	864	1770	776	1390	772	464	401
5	852	752	860	1490	1320	848	1470	695	1220	2340	439	375
6	800	740	828	1300	1220	936	1420	653	1010	2320	425	348
7	764	800	820	1220	1160	1060	1280	677	892	1480	415	315
8	756	1270	992	1380	1100	956	1180	1000	812	1120	534	308
9	1880	1700	1010	1560	1050	968	1100	1060	764	916	590	300
10	2670	1470	976	1350	1020	1330	1040	884	719	828	541	313
11	2190	1370	924	1200	980	1310	984	772	691	740	516	298
12	1380	1300	868	1140	960	1130	944	772	670	684	460	280
13	1120	1570	832	1100	952	3070	920	740	646	632	418	265
14	1020	2550	812	1070	936	3470	908	684	618	597	397	310
15	944	2290	800	1060	912	2150	900	856	590	565	387	1830
16	884	1440	836	1040	896	3680	876	2000	621	541	375	1740
17	940	1230	880	1030	880	7740	856	2870	868	520	366	1270
18	2250	1120	1040	1040	884	6180	832	2430	1450	509	360	856
19	3640	1050	952	1000	936	2560	812	1490	1240	506	348	653
20	5390	1000	864	960	1000	1740	788	1120	1080	495	333	555
21	2310	976	832	940	944	1500	768	956	1320	499	330	499
22	1360	952	812	920	1060	1390	752	848	1460	495	330	460
23	1180	912	796	900	1690	1290	726	788	1250	478	339	429
24	1080	940	784	876	1520	1190	702	756	1220	530	345	404
25	1010	948	780	868	1220	1150	688	792	968	502	339	384
26	960	904	1020	872	1090	1100	684	864	828	876	323	555
27	920	876	1440	1170	1030	1070	667	836	908	677	310	2370
28	892	884	1340	2660	996	1050	649	804	852	908	303	2150
29	864	900	1130	3380	964	1010	635	2900	744	748	315	1430
30	836	868	1080	3180	---	1100	639	5500	780	639	348	1160
31	800	---	2030	1760	---	2400	---	3760	---	614	394	---
TOTAL	43466	33868	30018	47286	33080	56950	36140	40875	30631	24534	12596	21208
MEAN	1402	1129	968	1525	1141	1837	1205	1319	1021	791	406	707
MAX	5390	2550	2030	3530	1790	7740	4400	5500	2330	2340	590	2370
MIN	756	740	780	868	880	848	635	653	590	478	303	265

CAL YR 1975 TOTAL 569001 MEAN 1559 MAX 16300 MIN 444
WTR YR 1976 TOTAL 410652 MEAN 1122 MAX 7740 MIN 265

02160105 TYGER RIVER NEAR DELTA, S.C.--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 DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 217 micromhos Mar. 8, 1975; minimum, 39 micromhos Jan. 11, 1975.
DISSOLVED OXYGEN: Maximum, 12.7 mg/l Jan. 20, 1976; minimum, 5.9 mg/l Oct. 2, 1973.
WATER TEMPERATURE: Maximum, 29.0°C Aug. 25, 1975, July 24, 25, 1976; minimum, 1.0°C Jan. 19, 20, 1976.
pH: Maximum, 8.7 units May 27, 1974; minimum, 5.9 units Mar. 14 - 16, 1975.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 177 micromhos Sept. 4; minimum, 44 micromhos March 17.
DISSOLVED OXYGEN: Maximum, 12.7 mg/l Jan. 20; minimum, 6.6 mg/l July 26.
WATER TEMPERATURE: Maximum, 29.0°C July 24, 25; minimum, 1.0°C Jan. 19, 20.
pH: Maximuum, 7.5 units Jan. 21; minimum, 6.3 May 17, 18.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	94	77	83	114	110	112	97	89	93	69	65	67
2	103	95	99	115	110	113	90	78	84	68	67	68
3	103	101	102	114	106	111	92	77	83	73	68	70
4	104	100	102	106	96	102	98	92	95	77	73	76
5	100	98	99	109	96	99	101	98	100	77	75	76
6	101	94	98	118	110	116	106	101	104	75	70	72
7	95	86	91	120	115	118	111	106	109	84	70	77
8	97	85	88	119	111	116	107	103	105	88	85	87
9	102	66	84	110	99	103	103	90	97	87	83	85
10	69	66	68	98	88	92	98	87	91	85	83	85
11	76	69	72	90	84	86	105	99	104	90	85	87
12	84	77	81	100	86	94	108	105	106	90	77	82
13	87	84	85	103	97	100	109	107	108	77	74	75
14	88	80	83	96	81	85	---	---	---	88	74	80
15	93	80	85	88	82	85	113	108	110	95	89	93
16	100	93	97	95	88	92	108	92	102	97	95	96
17	102	100	101	95	79	88	100	89	92	98	96	97
18	101	72	85	79	76	77	109	101	107	98	95	97
19	71	60	65	87	75	80	109	108	109	95	79	87
20	62	59	60	95	88	92	112	109	111	79	75	78
21	72	63	68	98	95	98	114	112	113	91	77	81
22	85	72	79	100	98	99	113	110	112	100	92	97
23	90	85	88	102	100	101	111	101	107	104	100	102
24	94	90	93	102	96	99	107	101	103	104	102	103
25	98	94	96	96	84	90	109	104	107	103	100	101
26	101	98	99	94	82	86	104	84	95	100	86	94
27	102	98	100	100	95	99	83	74	77	86	74	81
28	99	91	96	101	99	100	75	70	73	67	63	65
29	103	91	95	101	98	100	71	69	70	58	55	57
30	112	104	109	99	96	97	74	71	73	67	54	60
31	114	112	113	---	---	---	74	68	72	77	68	73
MONTH	114	59	89	120	75	98	114	68	97	104	54	82

02160105 TYGER RIVER NEAR DELTA, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	79	77	78	110	88	99	66	57	61	126	122	124
2	77	66	71	87	80	83	62	58	60	124	118	121
3	67	65	66	98	80	86	71	63	66	120	91	105
4	77	66	73	105	99	104	77	71	75	89	82	84
5	82	77	80	110	106	108	75	69	72	99	81	85
6	87	83	85	111	104	108	69	68	68	114	101	111
7	90	87	89	109	106	107	85	68	77	118	114	116
8	94	90	92	107	90	99	90	86	89	116	111	113
9	95	82	88	89	83	85	94	90	93	110	95	103
10	81	76	78	95	81	87	97	94	96	94	84	87
11	92	76	82	98	95	97	101	95	98	84	80	82
12	97	92	95	98	90	96	96	89	93	89	81	84
13	100	97	99	83	62	65	90	82	86	107	90	98
14	103	99	101	73	63	68	97	81	86	116	108	112
15	104	101	103	73	68	71	106	99	104	119	107	113
16	102	92	97	66	45	54	108	106	107	110	73	88
17	92	80	86	48	44	45	112	108	109	71	63	65
18	95	79	85	60	48	55	113	110	112	69	64	66
19	103	96	101	72	61	67	110	99	105	84	70	78
20	106	102	104	80	72	76	100	92	96	92	84	88
21	106	105	106	85	80	83	104	92	95	97	92	95
22	106	96	102	85	74	78	116	106	112	105	98	102
23	95	75	85	74	70	72	121	116	119	109	101	106
24	75	69	73	87	70	78	125	119	123	101	91	97
25	85	69	77	92	87	90	127	122	125	90	87	88
26	93	85	89	95	93	94	123	109	117	96	86	88
27	100	93	97	99	96	98	109	100	106	109	97	104
28	104	100	102	101	99	100	111	98	102	114	91	110
29	108	104	106	102	93	97	127	113	123	89	52	64
30	---	---	---	93	80	86	130	125	127	56	51	53
31	---	---	---	81	66	74	---	---	---	58	56	57
MONTH	108	65	89	111	44	84	130	57	97	126	51	93

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	63	58	60	109	104	107	139	126	134	123	118	121
2	68	63	66	117	110	115	138	128	134	147	117	127
3	85	68	76	121	117	120	127	109	119	162	149	155
4	87	83	85	128	85	112	108	100	104	177	154	166
5	92	88	91	86	61	68	130	101	119	153	146	149
6	98	93	96	71	63	67	148	129	139	155	151	153
7	99	85	93	73	72	73	151	141	147	151	124	138
8	85	80	82	76	73	75	151	141	146	123	117	121
9	97	80	85	78	76	78	148	138	144	117	114	116
10	111	99	107	78	78	78	135	109	123	117	112	115
11	117	112	115	81	78	79	108	100	103	118	113	116
12	120	115	118	82	79	81	140	109	129	119	113	116
13	123	111	119	83	81	82	151	139	145	122	115	118
14	111	97	105	83	81	82	159	150	154	123	70	112
15	97	92	95	101	84	93	162	151	156	68	62	65
16	98	90	92	115	102	112	150	143	145	90	67	83
17	114	101	110	123	115	120	143	127	134	106	91	98
18	102	86	90	130	123	127	126	113	120	110	107	109
19	98	88	94	129	117	126	155	112	134	121	111	118
20	97	91	94	116	104	110	165	155	159	129	118	124
21	95	70	88	104	100	102	168	163	165	127	119	124
22	82	70	76	117	102	112	167	159	163	118	104	110
23	83	70	78	139	118	132	168	162	165	136	104	121
24	91	83	88	148	138	143	166	139	151	145	135	138
25	103	92	97	145	139	142	137	131	134	150	143	146
26	109	103	106	136	91	113	143	129	133	153	104	139
27	115	97	109	117	107	112	159	145	151	100	72	81
28	100	97	99	106	96	101	168	159	163	77	73	75
29	99	95	98	117	103	111	172	165	170	90	77	83
30	103	94	98	127	117	124	167	157	164	101	90	95
31	---	---	---	132	126	129	162	124	142	---	---	---
MONTH	123	58	94	148	61	104	172	100	142	177	62	118
YEAR	177	44	99									

02160105 TYGER RIVER NEAR DELTA, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.4	10.1	10.3	9.9	9.6	9.8	8.6	8.2	8.4	9.3	8.9	9.1
2	10.9	10.8	10.8	9.7	9.6	9.6	9.0	8.6	8.8	8.9	8.7	8.9
3	11.3	11.0	11.1	9.5	9.3	9.5	9.2	8.9	9.1	9.0	8.7	8.9
4	11.3	10.9	11.1	9.4	9.1	9.2	9.0	8.8	8.9	9.5	8.9	9.3
5	11.1	10.9	11.0	9.2	8.9	9.0	9.3	8.8	9.1	9.8	9.3	9.6
6	10.9	10.1	10.4	9.0	8.7	8.9	9.4	9.1	9.3	9.5	9.0	9.3
7	10.3	9.8	10.1	9.8	9.0	9.4	9.3	9.1	9.2	9.0	8.5	8.8
8	10.8	10.3	10.6	10.2	9.3	9.8	9.1	9.0	9.0	8.9	8.5	8.7
9	11.3	10.7	11.0	10.4	10.0	10.2	9.2	8.9	9.1	9.1	8.9	9.0
10	11.2	10.9	11.1	10.6	10.2	10.4	9.5	9.1	9.3	9.3	9.0	9.2
11	11.1	10.4	10.7	10.4	9.9	10.2	9.4	9.2	9.3	9.4	9.2	9.3
12	10.8	10.3	10.5	10.2	9.9	10.1	9.4	9.2	9.3	9.3	8.9	9.2
13	10.7	10.5	10.6	9.8	9.0	9.3	9.6	9.2	9.4	9.0	8.6	8.9
14	10.6	10.2	10.3	9.6	8.9	9.2	9.4	9.0	9.2	8.7	8.5	8.6
15	10.3	10.0	10.1	10.2	9.6	9.9	9.1	8.9	9.0	8.6	8.4	8.5
16	10.2	10.0	10.1	10.2	9.5	9.9	9.1	8.8	8.9	8.6	8.4	8.5
17	10.1	9.7	9.8	9.9	9.4	9.6	9.1	8.7	8.9	8.5	8.3	8.4
18	9.7	9.4	9.5	10.2	9.7	10.0	9.0	8.7	8.8	8.7	8.2	8.4
19	9.8	9.3	9.5	10.0	9.8	9.9	9.0	8.6	8.8	9.2	8.7	9.0
20	10.1	9.5	9.8	9.7	9.4	9.6	9.0	8.6	8.7	9.3	9.0	9.2
21	10.0	9.8	9.9	9.4	9.2	9.3	8.9	8.5	8.7	9.2	8.8	9.0
22	9.9	9.5	9.6	9.9	9.2	9.6	8.7	8.4	8.5	9.0	8.6	8.8
23	10.1	9.3	9.7	10.2	9.7	10.0	8.8	8.4	8.6	8.7	8.6	8.7
24	10.7	9.9	10.4	10.1	9.8	10.0	8.8	8.5	8.6	8.8	8.7	8.7
25	10.8	10.4	10.6	9.8	9.3	9.4	8.6	8.4	8.5	9.1	8.7	8.9
26	10.6	10.3	10.5	9.2	9.0	9.1	8.9	8.5	8.8	9.3	9.1	9.2
27	10.4	10.0	10.2	9.0	8.7	8.8	9.5	8.9	9.3	9.2	9.0	9.1
28	10.2	9.8	10.1	9.0	8.7	8.8	9.8	9.4	9.6	9.1	8.9	9.0
29	10.1	9.8	9.9	9.0	8.7	8.8	9.7	9.4	9.6	9.0	8.5	8.8
30	---	---	---	9.0	8.7	8.9	9.4	9.3	9.3	8.5	8.3	8.4
31	---	---	---	8.6	8.3	8.5	---	---	---	8.4	8.3	8.3
MONTH	11.3	9.3	10.3	10.6	8.3	9.5	9.8	8.2	9.0	9.8	8.2	8.9

02160105 TYGER RIVER NEAR DELTA, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.4	8.1	8.3	7.6	7.4	7.5	7.2	6.5	7.0	8.8	8.0	8.3
2	8.4	8.2	8.3	7.8	7.5	7.7	7.4	6.8	7.1	8.3	7.8	8.1
3	8.5	8.3	8.3	7.9	7.6	7.8	7.9	7.3	7.5	8.3	7.8	8.0
4	8.9	8.5	8.7	7.9	7.5	7.7	8.1	7.6	7.8	8.2	7.9	8.0
5	9.0	8.7	8.9	7.9	7.7	7.8	8.1	7.3	7.7	8.2	7.8	8.0
6	9.0	8.6	8.8	8.0	7.9	7.9	7.7	7.1	7.4	8.2	7.7	7.9
7	8.9	8.4	8.7	8.1	7.9	8.0	7.5	6.9	7.1	8.3	7.8	8.0
8	8.8	8.3	8.5	8.0	7.8	7.9	7.5	6.9	7.3	8.7	8.0	8.3
9	8.6	8.0	8.3	7.9	7.7	7.8	7.5	7.3	7.4	8.7	8.0	8.2
10	8.1	7.8	8.0	7.8	7.6	7.7	7.7	7.4	7.5	8.0	7.8	8.0
11	7.9	7.6	7.8	7.7	7.5	7.6	7.7	7.4	7.5	8.7	8.1	8.5
12	7.8	7.5	7.7	7.7	7.3	7.5	7.6	7.2	7.4	9.1	8.6	8.8
13	7.7	7.5	7.6	7.5	7.3	7.4	7.5	7.1	7.3	9.1	8.7	8.9
14	7.8	7.5	7.6	7.7	7.3	7.6	7.4	7.1	7.2	8.9	8.7	8.8
15	7.8	7.5	7.7	7.8	7.4	7.6	7.3	7.1	7.2	8.6	8.1	8.3
16	7.6	7.5	7.6	7.5	7.2	7.4	7.5	7.1	7.2	8.1	8.0	8.0
17	7.5	7.3	7.5	7.4	7.2	7.3	7.6	7.1	7.4	8.1	8.0	8.1
18	7.4	7.3	7.3	7.6	7.3	7.5	8.0	7.6	7.8	8.3	8.0	8.2
19	7.4	7.3	7.4	7.7	7.4	7.5	8.2	7.8	8.0	8.3	8.1	8.2
20	7.5	7.4	7.5	7.8	7.5	7.6	8.2	7.9	8.1	8.3	8.0	8.1
21	7.7	7.2	7.5	7.7	7.3	7.5	8.3	8.2	8.3	8.1	7.9	8.0
22	7.6	7.4	7.6	7.5	7.2	7.4	8.3	8.0	8.2	8.4	8.0	8.3
23	7.8	7.6	7.7	7.4	7.1	7.3	8.5	8.1	8.3	8.9	8.5	8.7
24	7.8	7.7	7.8	7.2	6.8	7.0	8.3	7.5	7.9	8.8	8.5	8.7
25	7.7	7.5	7.6	7.1	6.8	7.0	7.7	7.0	7.4	8.7	8.4	8.6
26	7.6	7.4	7.5	7.1	6.6	6.8	7.1	6.8	6.9	8.4	7.9	8.3
27	7.6	7.4	7.5	7.1	6.8	7.0	7.4	6.7	7.0	7.9	7.4	7.7
28	7.8	7.5	7.6	7.2	6.9	7.0	7.7	6.6	7.0	7.5	7.4	7.5
29	7.8	7.5	7.7	7.1	6.9	7.0	8.1	7.6	7.1	7.7	7.5	7.7
30	7.6	7.4	7.5	7.2	6.9	7.0	7.6	7.4	7.5	7.8	7.7	7.8
31	---	---	---	7.1	6.8	7.0	8.0	7.5	7.9	---	---	---
MONTH	9.0	7.2	7.9	8.1	6.6	7.4	8.5	6.5	7.5	9.1	7.4	8.2
YEAR	12.7	6.5	9.0									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02160105 TYGER RIVER NEAR DELTA, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.5	20.5	21.0	25.5	24.0	24.5	28.0	25.5	27.0	24.0	20.5	22.5
2	22.0	21.0	21.5	24.5	22.5	24.0	26.5	25.0	26.0	24.5	22.0	23.0
3	21.5	19.5	21.0	24.0	22.5	23.5	24.5	23.5	24.0	23.5	22.5	23.0
4	19.5	18.0	18.5	23.5	21.5	22.5	25.0	22.0	23.5	23.5	21.5	22.5
5	19.0	17.5	18.0	21.5	20.0	20.5	25.0	21.5	23.5	24.0	22.0	23.0
6	19.5	17.0	18.0	20.5	20.0	20.0	25.5	22.0	24.0	24.5	22.0	23.5
7	20.5	17.0	19.0	22.0	20.0	21.0	26.0	24.0	24.5	24.5	22.0	23.5
8	21.5	18.0	20.0	23.5	21.0	22.0	24.5	23.5	24.0	24.5	21.0	23.0
9	22.5	19.5	21.0	24.0	21.5	23.0	25.0	23.5	24.0	25.5	22.0	23.5
10	23.5	20.5	22.0	24.5	22.5	23.5	25.5	23.0	24.5	25.0	21.5	23.5
11	24.0	21.5	23.0	25.5	23.5	24.5	26.5	23.5	25.0	22.5	19.5	21.0
12	24.5	22.0	23.5	26.5	24.0	25.0	27.0	24.0	25.5	22.0	17.5	20.0
13	24.5	22.5	23.5	27.0	24.5	26.0	27.0	24.5	25.5	20.5	18.0	19.5
14	25.0	23.0	24.0	25.5	23.5	24.5	27.5	25.0	26.0	19.5	18.0	19.0
15	25.0	23.0	24.0	27.0	23.0	25.0	28.0	25.0	26.5	18.5	18.0	18.5
16	24.5	23.5	24.0	27.5	24.5	26.0	27.5	25.0	26.0	19.5	18.5	19.0
17	24.0	23.0	23.5	27.0	25.0	26.0	26.5	24.5	25.5	21.0	19.5	20.0
18	23.5	22.5	23.0	26.0	24.0	25.0	25.0	22.5	24.0	21.5	19.5	20.5
19	24.0	22.5	23.0	26.0	24.0	25.0	24.5	22.0	23.5	22.0	19.5	20.5
20	23.5	22.5	23.0	25.5	24.0	24.5	23.0	21.5	22.0	22.5	20.0	21.5
21	23.5	22.5	23.0	27.0	24.0	25.5	22.0	21.0	21.5	22.5	21.0	22.0
22	23.5	22.5	23.0	27.5	24.5	26.0	23.5	21.5	22.5	22.0	19.5	21.0
23	23.0	22.0	22.5	27.5	25.0	26.5	26.0	22.5	24.0	20.5	18.0	19.5
24	23.0	21.5	22.0	29.0	26.0	27.0	26.0	23.5	24.5	20.5	17.5	19.0
25	24.0	22.0	23.0	29.0	26.0	27.5	26.0	23.5	24.5	21.0	18.0	19.5
26	25.0	23.0	24.0	26.5	24.5	25.5	26.0	24.0	25.0	20.5	19.5	20.0
27	24.0	23.5	23.5	26.5	25.0	25.5	26.0	24.0	25.0	21.0	20.0	20.5
28	24.0	22.5	23.5	26.5	25.0	25.5	26.5	24.5	25.5	22.0	21.0	21.5
29	25.0	23.0	24.0	27.0	25.0	26.0	27.0	24.5	25.5	21.5	21.0	21.5
30	25.5	23.5	24.5	27.5	25.5	26.5	26.5	24.0	25.0	22.0	20.5	21.5
31	---	---	---	28.0	25.5	26.5	24.5	22.0	23.0	---	---	---
MONTH	25.5	17.0	22.5	29.0	20.0	24.5	28.0	21.0	24.5	25.5	17.5	21.0
YEAR	29.0	1.0	16.5									

02160105 TYGER RIVER NEAR DELTA, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

02160500 ENOREE RIVER NEAR ENOREE, S.C.

LOCATION.--Lat 34°36'38", long 81°54'35", Spartanburg County, Hydrologic Unit 03050108, on left bank 60 ft (18 m) upstream from bridge on State Highway 49, 0.6 mi (1.0 km) upstream from Warrior Creek, 4.0 mi (6.4 km) southeast of Enoree, and at mile 47.7 (76.7 km).

DRAINAGE AREA.--307 mi^2 (795 km^2).

PERIOD OF RECORD.--August 1929 to current year.

REVISED RECORDS.--WSP 802: 1930 (M). WSP 892: 1929-30, 31 (M), 1932-33, 1935. WSP 1112: 1934(M). WSP 1383: 1935-36(M), 1941(M), 1951-52(M).

GAGE.--Water-stage and water-temperature recorders. Datum of gage is 448.13 ft (136.590 m) above mean sea level. Prior to Nov. 20, 1929, nonrecording gage at same site and datum.

REMARKS.--Records good. Some regulation at low and medium flow by powerplants above station.

AVERAGE DISCHARGE.--47 years, 433 ft^3/s (12.26 m^3/s), 19.15 in/yr (486 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft^3/s (850 m^3/s) Oct. 2, 1929, gage height, 10.5 ft (3.20 m) (from floodmark), from rating curve extended above 17,000 ft^3/s (481 m^3/s); minimum, 8 ft^3/s (0.23 m^3/s) Oct. 5, 1941; minimum daily, 20 ft^3/s (0.57 m^3/s) Oct. 2-4, 7, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 3,500 ft^3/s (99.1 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 19	0100	*4,540	129	*4.69	1.430
Mar. 17	0300	4,440	126	4.65	1.417

Minimum discharge, 150 ft^3/s (4.25 m^3/s) Sept. 13, gage height 2.00 ft (0.610 m); minimum daily 155 ft^3/s (4.39 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	367	369	413	1520	653	459	2740	396	525	345	255	180
2	435	369	468	938	1010	459	1260	449	468	300	254	174
3	442	368	413	676	770	449	770	362	516	300	242	204
4	361	364	396	688	653	449	630	330	557	422	229	215
5	346	363	379	567	599	430	588	315	440	833	224	199
6	343	363	371	525	578	468	546	323	396	630	217	189
7	338	416	379	516	546	487	506	440	371	468	234	181
8	604	860	459	745	525	440	487	642	362	405	330	172
9	1770	621	413	665	506	567	478	422	345	362	274	169
10	1050	557	413	546	497	699	478	371	345	338	286	176
11	582	665	388	506	487	546	449	354	330	315	258	162
12	479	516	371	506	478	557	430	388	323	308	234	156
13	439	1580	362	487	468	2140	422	354	315	300	223	155
14	407	1140	354	497	468	1230	413	338	308	293	249	195
15	389	642	362	506	468	776	405	478	300	285	223	723
16	374	546	371	468	459	3000	396	1830	430	278	212	474
17	696	497	388	487	459	3440	379	1440	1520	264	211	285
18	2380	468	405	506	459	1250	371	620	870	257	206	241
19	2940	449	379	459	536	808	371	497	449	251	197	223
20	824	440	371	449	506	699	362	430	536	251	190	212
21	597	430	362	449	459	653	354	396	567	315	191	210
22	521	422	362	449	770	620	345	371	430	278	197	205
23	474	422	354	440	858	567	338	362	430	293	199	199
24	440	430	354	449	599	536	330	354	379	278	189	194
25	419	413	362	440	536	506	330	362	354	251	186	191
26	408	405	525	459	506	497	330	371	354	285	182	308
27	404	405	620	1390	497	497	323	354	362	351	182	1090
28	395	440	468	2420	478	478	323	371	338	313	201	537
29	388	405	422	1590	468	459	323	1770	330	306	204	359
30	385	388	440	833	---	722	330	1910	371	359	197	458
31	377	---	1230	688	---	1720	---	808	---	285	194	---
TOTAL	20374	15753	13354	21864	16296	26608	15807	18208	13621	10519	6870	8436
MEAN	657	525	431	705	562	858	527	587	454	339	222	281
MAX	2940	1580	1230	2420	1010	3440	2740	1910	1520	833	330	1090
MIN	338	363	354	440	459	430	323	315	300	251	182	155
CFSM	2.14	1.71	1.40	2.30	1.83	2.79	1.72	1.91	1.48	1.10	.72	.92
IN.	2.47	1.91	1.62	2.65	1.97	3.22	1.92	2.21	1.65	1.27	.83	1.02

CAL YR 1975 TOTAL 235027 MEAN 644 MAX 9900 MIN 200 CFSM 2.10 IN 28.48
WTR YR 1976 TOTAL 187710 MEAN 513 MAX 3440 MIN 155 CFSM 1.67 IN 22.75

02160700 ENOREE RIVER AT WHITMIRE, S.C.

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 (0.6 km) downstream from Seaboard Coast Line Railroad, 0.5 mi (0.8 km) northeast of Whitmire, and at mile 19.2 (30.9 km).

DRAINAGE AREA.--444 mi^2 (1,150 km^2).

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 300.00 ft (91.440 m) above mean sea level.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,800 ft^3/s (306 m^3/s) Mar. 15, 1975, gage height 28.92 ft (8.815 m); minimum, 152 ft^3/s (4.30 m^3/s) Sept. 13, 1975, gage height, 14.71 ft (4.484 m).

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 4,000 ft^3/s (113 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 18	0200	*4860	138	*24.76	7.547

Minimum discharge, 152 ft^3/s (4.30 m^3/s) Sept. 13, gage height, 14.71 ft (4.484 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	447	429	473	2070	751	501	2410	437	903	459	332	206
2	448	422	532	1640	915	493	2730	522	718	403	306	192
3	533	416	528	967	1020	483	1280	501	712	369	301	190
4	473	413	483	873	791	478	928	425	812	476	285	225
5	414	412	461	789	709	467	812	394	693	1320	269	236
6	400	405	450	683	667	491	761	377	597	1090	260	223
7	393	424	450	643	639	587	704	394	543	732	255	212
8	392	705	583	740	603	527	667	681	510	588	335	199
9	1200	877	569	938	584	538	634	614	489	504	384	186
10	1720	614	531	725	569	794	603	470	466	455	322	186
11	872	727	505	650	553	706	582	432	454	422	329	184
12	624	637	472	627	543	600	579	427	431	389	312	172
13	541	912	458	608	530	1850	564	439	414	378	286	168
14	496	1650	449	590	522	2610	556	408	400	358	265	221
15	464	935	442	598	514	1220	545	496	390	343	290	1030
16	438	697	453	582	506	2020	525	1280	395	338	263	857
17	474	621	474	562	501	3880	509	2020	619	325	256	480
18	1390	571	554	582	496	4120	493	1180	1630	312	243	350
19	2340	538	513	545	514	1410	483	712	714	304	241	300
20	2610	519	465	516	579	1030	473	595	593	299	232	278
21	855	509	451	509	514	906	467	530	748	300	236	267
22	693	513	445	513	587	848	457	493	645	366	239	261
23	613	496	435	503	989	767	439	478	552	313	245	250
24	562	506	425	495	773	712	425	470	536	333	239	245
25	525	514	422	491	625	678	418	496	480	309	225	236
26	500	484	528	491	577	653	415	488	446	513	219	258
27	482	473	771	743	548	634	413	499	469	460	210	863
28	471	487	646	1890	530	622	396	501	453	461	199	1070
29	458	510	543	2330	512	600	389	1730	436	373	225	522
30	449	472	527	1370	---	659	389	3290	410	361	219	432
31	438	---	1070	858	---	1350	---	2070	---	419	212	---
TOTAL	22715	17888	16107	26121	18161	33234	21046	23849	17658	14072	8234	10499
MEAN	733	596	520	843	626	1072	702	769	589	454	266	350
MAX	2610	1650	1070	2330	1020	4120	2730	3290	1630	1320	384	1070
MIN	392	405	422	491	496	467	389	377	390	299	199	168

CAL YR 1975 TOTAL 298429 MEAN 818 MAX 10500 MIN 195
WTR YR 1976 TOTAL 229584 MEAN 627 MAX 4120 MIN 168

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

WATER-QUALITY RECORDS

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

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

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 94 micromhos Nov. 19, 1974; minimum, 27 micromhos Mar. 14, 15, 1975.
DISSOLVED OXYGEN: Maximum, 14.4 mg/l Jan. 20, 1976; minimum, 5.2 mg/l July 10, 1974.
WATER TEMPERATURE: Maximum, 29.0°C Aug. 25, 1975; minimum, 1.0°C Jan. 20, 1976.
pH: Maximum, 7.4 units Jan. 27, 28, 1974; minimum, 5.8 units Mar. 18, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 91 micromhos Aug. 18; minimum, 34 micromhos June 18.
DISSOLVED OXYGEN: Maximum, 14.4 mg/l Jan. 20; minimum, 6.8 mg/l July 26.
WATER TEMPERATURE: Maximum, 28.5°C July 25; minimum, 1.0°C Jan. 20.
pH: Maximum, 7.3 units Aug. 4; minimum, 5.8 units March 18.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	57	56	56	63	61	62	60	59	60	51	46	48
2	59	56	58	63	62	62	59	57	58	48	46	47
3	59	58	58	63	62	63	58	56	57	51	48	49
4	59	57	59	63	61	62	60	58	59	52	51	52
5	59	58	59	61	60	60	62	60	61	54	52	53
6	61	59	60	63	60	61	63	62	62	54	53	54
7	62	60	61	66	61	63	63	62	63	56	54	55
8	62	59	60	67	59	65	64	61	63	57	56	57
9	60	40	49	58	54	56	61	59	60	56	51	53
10	45	40	43	57	54	56	60	59	59	55	51	53
11	50	45	48	58	54	56	63	59	61	56	55	56
12	55	50	53	57	53	55	63	62	63	58	57	57
13	57	54	56	62	51	59	64	63	63	57	56	56
14	59	57	58	50	46	47	64	63	63	56	56	56
15	59	58	58	53	51	52	64	63	64	57	56	57
16	62	59	60	57	53	55	64	62	63	59	57	58
17	65	62	63	58	57	58	63	60	61	59	58	59
18	65	44	54	58	57	57	63	61	62	59	58	58
19	42	35	36	60	58	59	63	63	63	58	57	58
20	48	37	42	59	58	58	65	63	64	59	58	58
21	51	47	49	61	60	61	65	64	65	58	57	58
22	54	51	53	62	60	61	65	64	64	60	57	59
23	58	54	56	62	61	62	64	63	64	60	58	59
24	60	58	59	62	61	62	63	61	62	60	59	60
25	60	59	60	61	59	60	63	61	62	61	60	60
26	61	60	61	59	58	59	65	63	64	60	59	60
27	61	60	60	61	58	60	63	56	60	60	52	58
28	60	59	59	61	60	61	57	56	57	51	40	45
29	59	58	59	61	60	60	58	57	57	42	40	41
30	61	59	60	60	58	59	59	58	58	47	43	46
31	62	60	61	---	---	---	59	52	56	51	47	49
MONTH	65	35	56	67	46	59	65	52	61	61	40	54

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	54	50	52	59	58	59	47	38	41	62	61	60
2	55	52	54	59	58	59	45	38	41	61	58	58
3	51	50	50	59	57	57	49	45	47	59	57	58
4	52	50	51	61	57	59	52	49	50	59	57	58
5	54	53	54	61	60	61	53	52	53	61	59	59
6	56	54	55	64	61	62	53	52	52	62	59	61
7	56	55	55	64	61	62	54	52	53	62	60	61
8	57	55	56	62	60	61	56	54	56	62	51	57
9	57	56	57	62	61	61	57	56	56	52	51	52
10	57	56	56	61	56	58	58	56	57	56	52	54
11	56	55	55	59	56	58	59	58	59	59	56	57
12	57	55	56	60	59	59	59	58	58	59	59	59
13	58	56	57	57	44	50	58	56	57	59	58	58
14	59	57	58	48	43	45	56	54	55	59	58	59
15	59	58	58	52	48	50	59	56	58	63	58	60
16	59	58	59	53	40	47	60	57	58	60	41	49
17	59	57	58	39	36	37	60	58	59	40	37	38
18	57	56	56	45	36	40	61	60	60	45	40	43
19	59	56	58	50	46	48	61	59	60	50	46	48
20	59	58	58	54	50	52	60	58	59	54	50	53
21	60	58	60	55	53	55	59	57	58	57	54	56
22	61	59	60	56	55	56	63	57	59	59	57	58
23	59	51	55	56	55	56	63	60	61	60	59	59
24	51	50	51	57	55	56	63	60	61	61	59	60
25	54	51	52	58	57	58	63	61	62	62	59	60
26	57	54	56	59	58	59	62	61	62	62	59	60
27	58	56	57	60	58	59	62	60	61	62	59	60
28	58	57	58	60	59	59	62	60	61	62	52	61
29	59	58	58	60	59	60	62	60	61	57	35	46
30	---	---	---	60	59	60	61	60	61	38	35	37
31	---	---	---	58	48	52	---	---	---	45	38	42
MONTH	61	50	56	64	36	55	63	38	57	63	35	55

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	49	45	47	64	58	60	62	58	60	75	74	75
2	54	49	51	64	58	60	66	61	64	75	72	74
3	57	54	56	61	59	59	67	66	67	73	72	72
4	58	56	57	61	43	57	69	66	67	76	73	75
5	57	56	57	57	42	46	67	66	67	76	73	74
6	60	57	59	47	44	45	69	67	68	73	73	73
7	60	58	59	51	47	49	71	69	70	77	73	75
8	60	58	59	54	51	52	71	66	69	77	74	76
9	60	58	59	56	54	55	65	62	63	74	72	73
10	61	59	59	58	56	57	67	65	66	73	72	72
11	62	60	61	59	57	58	66	64	65	74	72	73
12	62	60	61	59	58	59	64	62	63	76	71	75
13	63	61	62	59	58	58	68	65	67	77	73	75
14	63	61	62	59	58	59	70	68	69	77	45	70
15	63	61	62	61	59	59	71	68	70	49	42	45
16	62	60	61	63	62	62	70	68	69	50	44	47
17	61	49	57	68	62	64	88	68	73	56	48	52
18	49	34	40	70	67	69	91	76	82	60	56	58
19	52	44	48	67	62	64	76	71	73	65	61	63
20	57	52	54	65	64	65	72	71	71	69	66	67
21	57	53	56	64	64	64	74	73	73	71	69	70
22	56	54	54	64	60	62	75	74	74	72	72	72
23	55	53	54	64	63	64	75	74	75	72	71	71
24	60	55	59	65	63	64	75	74	74	73	71	72
25	62	59	60	67	65	66	75	73	74	74	73	73
26	65	62	63	64	52	59	73	71	72	74	66	73
27	66	54	65	59	54	58	74	71	73	70	49	63
28	65	59	63	61	59	60	76	74	75	49	47	48
29	65	61	63	61	58	59	76	70	75	55	50	53
30	61	59	60	66	61	63	76	75	76	62	56	59
31	---	---	---	66	62	63	76	74	75	---	---	---
MONTH	66	34	58	70	42	59	91	58	70	77	42	67
YEAR	91	34	59									

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.6	8.4	8.5	10.0	9.7	9.9	10.6	10.2	10.4	10.8	10.5	10.6
2	8.5	8.3	8.4	10.2	10.0	10.1	10.8	10.2	10.6	10.9	10.6	10.7
3	8.9	8.4	8.7	10.1	9.8	10.0	11.1	10.7	11.0	11.1	11.0	11.1
4	9.2	8.9	9.1	9.8	9.4	9.6	11.2	10.9	11.1	11.2	10.9	11.1
5	9.3	9.1	9.2	9.5	9.4	9.4	11.2	11.0	11.1	11.9	11.4	11.7
6	9.1	8.9	9.1	9.5	9.2	9.4	11.1	10.9	11.0	12.5	12.0	12.3
7	8.9	8.7	8.8	9.2	8.8	9.0	10.9	10.4	10.6	12.6	12.3	12.4
8	8.7	8.5	8.6	8.8	8.5	8.6	10.4	10.2	10.3	12.4	11.9	12.2
9	8.5	8.2	8.3	8.5	8.4	8.4	10.6	10.4	10.5	12.4	12.0	12.2
10	8.2	8.1	8.2	8.5	8.3	8.4	11.0	10.6	10.8	13.0	12.5	12.8
11	8.4	8.1	8.3	8.5	8.4	8.5	11.5	11.0	11.2	13.1	12.8	13.0
12	8.4	8.3	8.3	8.5	8.4	8.5	11.6	11.3	11.4	13.1	12.4	12.8
13	8.5	8.3	8.4	9.0	8.5	8.8	11.7	11.4	11.5	12.7	12.4	12.6
14	8.5	8.4	8.5	9.6	8.9	9.3	11.5	11.2	11.4	12.7	12.4	12.5
15	8.6	8.4	8.5	10.4	9.6	10.1	11.2	10.7	11.0	12.8	12.4	12.6
16	8.5	8.4	8.5	10.6	10.4	10.5	10.7	10.3	10.4	13.1	12.7	12.8
17	8.4	7.8	8.2	10.6	10.5	10.5	10.5	10.2	10.3	12.9	12.7	12.8
18	8.0	7.7	7.9	10.5	10.4	10.5	10.9	10.5	10.7	13.3	12.8	13.1
19	8.1	7.9	8.0	10.5	10.4	10.5	11.8	10.9	11.5	14.0	13.2	13.6
20	8.8	7.8	8.2	10.4	10.1	10.2	12.2	11.8	12.0	14.4	13.9	14.2
21	9.3	8.9	9.2	10.1	9.7	9.8	12.1	11.9	12.0	14.1	13.6	13.9
22	9.5	9.3	9.4	10.2	9.8	10.0	12.1	11.9	12.0	13.7	12.0	12.8
23	9.5	9.4	9.4	10.7	10.3	10.5	12.2	11.9	12.0	12.5	12.2	12.3
24	9.4	9.2	9.4	11.0	10.7	10.8	12.4	12.0	12.2	12.7	12.1	12.4
25	9.3	8.9	9.1	11.0	10.7	10.9	12.2	11.9	12.0	12.4	11.8	12.1
26	9.0	8.9	8.9	11.2	10.9	11.1	11.9	11.4	11.7	12.0	11.5	11.7
27	9.0	8.8	8.9	11.2	10.7	11.0	11.7	11.4	11.5	11.9	11.2	11.5
28	8.9	8.9	8.9	11.0	10.7	10.9	11.8	11.5	11.6	11.8	11.2	11.5
29	9.0	8.9	8.9	11.0	10.8	10.9	11.9	11.6	11.7	11.8	10.9	11.4
30	8.9	8.7	8.8	10.9	10.6	10.8	11.7	11.3	11.5	11.8	11.2	11.5
31	9.6	8.9	9.3	---	---	---	11.3	10.7	11.1	11.9	11.5	11.7
MONTH	9.6	7.7	8.7	11.2	8.3	9.9	12.4	10.2	11.2	14.4	10.5	12.3

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

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.9	7.8	7.9	7.6	7.4	7.6	7.4	7.2	7.3	8.2	7.7	7.9
2	7.9	7.7	7.9	7.8	7.4	7.7	7.6	7.2	7.4	8.1	7.6	7.8
3	7.9	7.6	7.7	8.0	7.8	7.9	7.9	7.6	7.8	7.9	7.6	7.8
4	8.5	8.0	8.2	8.0	7.8	7.8	8.2	7.9	8.0	8.1	7.7	7.9
5	8.6	8.4	8.5	8.2	7.8	8.0	8.3	7.8	8.0	7.9	7.6	7.7
6	8.6	8.4	8.5	8.3	8.1	8.2	8.1	7.7	7.9	7.8	7.5	7.7
7	8.6	8.3	8.5	8.3	8.1	8.2	7.8	7.5	7.7	7.8	7.5	7.6
8	8.6	8.3	8.5	8.1	7.9	8.0	7.6	7.5	7.6	8.1	7.5	7.8
9	8.3	8.1	8.2	8.1	7.9	8.0	7.7	7.5	7.6	7.9	7.4	7.7
10	8.2	7.9	8.1	8.1	7.8	7.9	7.8	7.6	7.7	7.6	7.4	7.5
11	8.0	7.7	7.9	8.0	7.7	7.9	7.8	7.3	7.6	8.3	7.7	8.1
12	7.8	7.7	7.8	7.9	7.5	7.7	7.6	7.3	7.4	8.7	8.1	8.4
13	7.9	7.7	7.8	7.6	7.4	7.5	7.5	7.2	7.3	8.7	8.0	8.4
14	7.8	7.6	7.7	7.8	7.5	7.7	7.4	7.2	7.3	8.5	8.3	8.4
15	7.8	7.5	7.7	7.9	7.5	7.7	7.3	7.1	7.2	8.4	7.9	8.0
16	7.6	7.4	7.5	7.7	7.4	7.6	7.4	7.1	7.3	8.2	7.9	8.0
17	7.6	7.3	7.5	7.7	7.4	7.5	7.5	7.2	7.4	7.9	7.7	7.8
18	7.5	6.9	7.3	7.8	7.4	7.6	7.9	7.5	7.7	7.9	7.7	7.8
19	7.4	7.0	7.3	7.9	7.6	7.8	8.1	7.7	7.9	7.9	7.7	7.8
20	7.5	7.4	7.5	7.9	7.7	7.8	8.1	7.9	8.0	7.9	7.6	7.7
21	7.6	7.5	7.5	7.9	7.6	7.8	8.2	8.1	8.1	7.7	7.5	7.6
22	7.7	7.4	7.5	7.8	7.4	7.6	8.2	7.7	8.0	8.0	7.6	7.8
23	7.9	7.7	7.8	7.7	7.4	7.5	7.8	7.4	7.7	8.4	8.0	8.2
24	7.9	7.8	7.8	7.5	7.2	7.4	7.7	7.3	7.5	8.5	8.1	8.3
25	7.8	7.6	7.7	7.4	7.1	7.3	7.6	7.3	7.4	8.4	8.1	8.2
26	7.6	7.5	7.6	7.2	6.8	7.0	7.6	7.3	7.4	8.1	7.8	8.0
27	7.7	7.5	7.6	7.2	7.0	7.2	7.7	7.3	7.5	7.8	7.6	7.7
28	8.0	7.5	7.7	7.4	7.2	7.3	7.6	7.1	7.4	7.6	7.3	7.4
29	7.9	7.6	7.8	7.4	7.2	7.3	7.4	7.0	7.2	7.7	7.4	7.5
30	7.7	7.5	7.6	7.4	7.2	7.3	7.4	7.1	7.2	7.7	7.6	7.6
31	---	---	---	7.3	7.2	7.2	7.8	7.3	7.6	---	---	---
MONTH	8.6	6.9	7.8	8.3	6.8	7.6	8.3	7.0	7.6	8.7	7.3	7.9
YEAR	14.4	6.8	9.3									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	20.0	21.0	25.0	23.5	24.0	27.5	25.0	26.0	24.0	20.0	22.0
2	22.0	20.5	21.5	24.0	22.5	23.5	26.0	25.0	25.5	24.5	22.0	23.0
3	21.5	20.0	21.0	24.0	22.0	23.0	24.5	23.5	24.0	23.0	22.0	23.0
4	19.5	18.5	19.0	23.5	21.5	22.5	24.5	22.0	23.0	23.0	21.5	22.0
5	19.5	18.0	18.5	21.5	20.5	21.0	24.5	21.5	23.0	23.5	21.5	22.5
6	19.5	17.0	18.0	20.5	20.0	20.5	25.0	22.0	23.5	24.0	22.0	23.0
7	20.0	17.0	18.5	21.5	20.0	21.0	25.5	23.5	24.5	24.5	22.0	23.0
8	21.0	18.0	19.5	23.0	21.0	22.0	24.5	23.5	24.0	24.5	21.0	22.5
9	22.0	19.0	20.5	23.5	21.5	22.5	25.0	23.0	24.0	25.0	22.0	23.5
10	23.0	20.0	21.5	25.0	22.5	23.5	25.5	23.0	24.0	25.0	22.0	23.5
11	24.0	21.0	22.5	25.5	23.0	24.0	26.0	23.0	24.5	22.5	19.0	20.5
12	24.5	21.5	23.0	26.0	24.0	25.0	26.5	24.0	25.0	21.5	17.5	19.5
13	24.5	22.0	23.5	26.5	24.5	25.5	26.5	24.0	25.5	20.0	19.0	19.5
14	25.0	23.0	24.0	25.5	23.5	24.5	27.0	25.0	26.0	19.5	18.0	19.0
15	25.0	22.5	23.5	26.0	23.0	24.5	27.0	25.0	26.0	18.5	18.0	18.0
16	24.0	23.5	23.5	27.0	24.0	25.5	27.0	24.5	26.0	19.0	18.5	18.5
17	24.0	23.0	23.5	26.5	24.5	25.5	26.5	24.5	25.5	21.0	19.0	20.0
18	23.0	22.0	22.5	26.0	24.0	25.0	25.0	22.5	24.0	21.5	19.0	20.0
19	23.5	22.5	23.0	26.0	24.0	25.0	24.5	22.0	23.0	21.5	19.5	20.5
20	23.5	22.5	23.0	25.5	24.0	24.5	23.0	21.5	22.0	22.0	20.0	21.0
21	23.0	22.5	22.5	26.5	24.0	25.0	21.5	21.0	21.5	22.5	21.0	21.5
22	23.5	22.5	23.0	26.5	24.0	25.5	23.5	21.5	22.0	22.0	19.5	20.5
23	23.5	22.0	22.5	27.0	24.5	26.0	25.5	22.0	23.5	20.5	17.5	19.0
24	23.5	21.5	22.5	27.5	25.5	26.5	26.0	23.0	24.5	20.5	17.5	19.0
25	24.0	22.0	23.0	28.5	26.0	27.0	26.5	24.0	25.0	20.5	18.0	19.0
26	25.0	23.0	24.0	26.5	25.0	25.5	26.5	24.0	25.5	21.0	19.0	20.0
27	24.5	23.0	23.5	26.5	25.0	25.5	26.5	24.0	25.0	20.5	20.0	20.5
28	24.0	22.5	23.5	26.5	25.0	25.5	27.0	24.5	25.5	21.5	20.5	21.0
29	25.0	22.5	24.0	27.0	25.0	26.0	27.0	24.5	25.5	21.5	21.0	21.0
30	25.5	23.5	24.5	27.5	25.0	26.5	26.5	24.0	24.5	22.0	20.5	21.0
31	---	---	---	27.5	25.5	26.5	25.0	22.0	23.0	---	---	---
MONTH	25.5	17.0	22.0	28.5	20.0	24.5	27.5	21.0	24.5	25.0	17.5	21.0
YEAR	28.5	1.0	16.5									

SANTEE RIVER BASIN

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

02160700 ENOREE RIVER AT WHITMIRE, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.

LOCATION:--Lat 34°15'38", long 81°19'50", Fairfield County, Hydrologic Unit 03050106, on left bank 100 ft (30 m) below dam, 0.3 mi (0.5 km) upstream from Mayo Creek, 2.5 mi (4.0 km) west of Jenkinsville, and at mile 201.4 (324 km).

DRAINAGE AREA.--4,750 mi^2 (10,340 km^2), approximately

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

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

INSTRUMENTATION.--Water-quality monitor since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 112 micromhos Aug. 5, 1976; minimum, 34 micromhos May 15, 20, July 16, 1975.
DISSOLVED OXYGEN: Maximum, 13.9 mg/l Jan. 21, 22, 1976; minimum, 5.9 mg/l Aug. 27, 1976.
WATER TEMPERATURE: Maximum, 32.5°C Aug. 25, 1975, July 25, 1976; minimum, 2.5°C Jan. 20, 21, 1976.
pH: Maximum, 7.5 units Nov. 15, 19, 1974; minimum, 6.0 units July 8, 1973, Feb. 4, July 1, 5, Aug. 27, 1975.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 112 micromhos Aug. 5; minimum, 38 micromhos Oct. 20.
DISSOLVED OXYGEN: Maximum, 13.9 mg/l Jan. 21, 22; minimum, 5.9 mg/l Aug. 27.
WATER TEMPERATURE: Maximum, 32.5°C July 25; minimum, 2.5°C Jan. 20, 21.
pH: Maximum, 7.3 units Nov. 25; minimum, 6.3 units July 27, Sept. 17.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	63	58	61	75	60	66	86	78	81	64	59	61
2	64	60	62	79	64	71	84	76	81	60	52	56
3	65	53	59	80	66	73	85	76	80	60	58	59
4	67	55	61	88	77	82	83	75	79	61	58	59
5	70	60	64	85	77	80	84	74	78	60	56	58
6	72	64	68	84	75	79	82	78	80	62	57	60
7	71	64	68	85	78	81	82	76	79	64	62	63
8	72	68	70	91	84	87	81	78	80	68	65	67
9	72	68	69	88	82	85	79	77	78	67	63	65
10	69	55	60	84	80	82	79	72	76	69	63	65
11	60	52	56	83	79	81	79	67	73	70	64	67
12	65	59	62	83	79	81	81	71	75	70	68	69
13	68	61	64	82	71	76	85	71	77	71	68	69
14	70	65	67	72	61	67	87	77	83	71	68	70
15	71	65	68	67	54	61	87	76	82	71	67	69
16	72	65	69	72	54	63	83	76	78	71	69	70
17	73	70	72	76	63	68	88	84	86	71	67	68
18	75	64	71	76	64	69	88	72	81	68	65	66
19	62	41	46	78	65	71	80	66	73	69	63	66
20	49	38	43	82	68	75	87	75	81	71	64	67
21	55	44	49	84	77	81	91	82	86	67	65	66
22	59	47	52	78	69	73	90	80	85	67	63	65
23	64	50	57	71	68	70	93	77	84	72	71	72
24	70	56	63	76	68	72	90	80	85	78	72	75
25	74	66	70	77	69	72	88	84	86	79	77	78
26	76	68	72	78	70	74	92	84	88	79	75	77
27	78	71	74	80	70	75	85	79	82	77	70	73
28	79	70	74	84	75	79	78	70	74	76	58	68
29	78	71	74	87	78	84	74	64	69	58	52	54
30	74	66	71	88	79	84	69	68	68	53	52	52
31	71	60	65	---	---	---	68	65	67	58	53	56
MONTH	79	38	64	91	54	75	93	64	79	79	52	65

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	60	58	59	76	74	75	61	51	56	79	75	77
2	63	60	61	76	74	75	51	50	51	83	78	81
3	62	60	62	73	71	72	53	51	52	83	80	81
4	61	59	60	73	69	70	56	53	55	80	72	76
5	64	60	63	76	72	74	57	55	55	73	70	71
6	69	64	65	78	75	77	59	57	58	71	69	70
7	69	66	67	82	77	79	59	57	58	75	70	73
8	71	68	69	82	80	81	63	59	61	80	76	78
9	72	70	71	81	76	79	67	63	65	82	80	81
10	71	69	70	75	73	74	68	66	67	80	75	78
11	70	67	68	75	74	74	71	67	70	75	70	73
12	70	68	69	74	70	72	72	70	71	71	69	70
13	72	70	71	73	65	70	71	68	70	72	71	71
14	74	72	73	65	62	63	69	65	67	74	72	73
15	76	73	75	65	63	64	65	64	65	77	73	75
16	78	76	77	65	51	61	71	65	69	77	62	72
17	77	72	75	50	46	48	74	70	73	61	53	58
18	72	68	70	50	47	49	75	74	75	53	52	52
19	70	68	69	56	50	53	75	74	75	55	52	54
20	72	70	71	65	56	61	76	72	74	58	55	57
21	74	72	73	67	65	66	72	68	70	62	58	60
22	74	73	74	69	67	68	68	67	68	66	61	63
23	75	70	72	68	66	67	72	67	71	69	66	68
24	70	64	68	68	65	66	75	73	75	71	69	70
25	68	65	67	69	66	67	78	74	76	73	68	71
26	69	64	66	71	70	70	79	75	77	72	66	69
27	71	66	69	74	70	72	78	74	76	73	71	72
28	74	71	73	74	73	74	76	75	75	77	73	75
29	76	74	75	74	73	74	75	72	74	79	72	75
30	---	---	---	77	73	75	76	72	74	71	53	62
31	---	---	---	73	62	69	---	---	---	52	45	48
MONTH	78	58	69	82	46	69	79	50	67	83	45	69

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	51	48	50	76	73	74	94	86	90	99	96	98
2	55	51	52	79	76	78	93	89	91	98	89	94
3	58	55	57	78	75	77	91	80	86	92	89	90
4	63	57	60	79	77	78	97	91	94	96	91	93
5	66	63	65	78	63	72	112	89	91	96	90	94
6	66	65	66	63	62	62	90	87	89	98	96	97
7	68	65	66	64	63	63	93	87	89	101	98	99
8	70	68	69	68	64	66	96	90	93	100	96	98
9	71	69	70	70	68	69	95	83	91	98	95	97
10	70	67	68	74	70	72	98	92	95	95	92	94
11	72	70	71	77	73	75	93	91	92	94	93	94
12	76	70	73	77	75	76	91	86	88	---	---	---
13	77	75	76	78	75	76	87	83	84	96	91	94
14	77	76	76	77	75	77	88	85	86	92	88	91
15	78	74	76	77	75	76	95	88	92	95	78	89
16	74	71	72	82	77	79	100	92	95	77	70	73
17	72	70	71	84	79	81	100	94	98	76	71	73
18	72	67	70	86	81	83	97	93	95	77	73	75
19	66	55	59	89	82	85	93	85	89	80	77	79
20	63	58	61	91	85	88	92	90	91	85	81	82
21	63	61	63	89	85	87	90	88	89	84	82	83
22	62	56	59	89	83	87	95	89	93	92	86	89
23	57	49	53	87	82	84	102	95	100	96	92	94
24	54	50	52	89	84	86	104	100	102	96	95	96
25	63	53	59	90	87	89	111	104	108	101	95	97
26	64	62	62	93	85	91	111	101	107	103	100	101
27	65	63	64	84	72	77	102	96	99	102	71	89
28	72	64	68	86	81	84	97	96	96	74	71	72
29	76	72	75	88	83	87	---	---	---	77	74	75
30	76	73	75	90	88	89	100	95	96	79	76	77
31	---	---	---	89	86	88	97	95	96	---	---	---
MONTH	78	48	65	93	62	79	112	80	94	103	70	89
YEAR	112	38	74									

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.5	8.3	8.4	9.3	9.0	9.2	10.8	10.5	10.7	11.2	10.9	11.0
2	8.4	8.2	8.3	9.6	9.3	9.5	10.6	10.4	10.5	11.5	11.2	11.4
3	8.5	8.3	8.4	9.7	9.6	9.7	10.8	10.5	10.7	11.3	11.1	11.2
4	8.8	8.6	8.7	9.7	9.4	9.6	11.2	10.8	11.1	11.6	11.3	11.4
5	9.9	8.8	9.0	9.6	9.3	9.4	11.3	11.0	11.2	12.3	11.6	11.9
6	9.0	8.7	8.8	9.4	9.2	9.3	11.4	11.0	11.2	12.8	12.3	12.6
7	8.9	8.7	8.8	9.2	9.0	9.1	11.1	10.8	11.0	13.0	12.8	13.0
8	8.8	8.4	8.7	8.9	8.4	8.7	10.8	10.6	10.7	13.0	12.7	12.9
9	8.6	8.3	8.4	8.3	8.2	8.2	10.6	10.4	10.5	13.0	12.7	12.8
10	8.6	8.4	8.5	8.2	7.9	8.0	10.8	10.4	10.6	13.1	12.7	13.0
11	8.4	8.1	8.2	8.0	7.8	7.9	11.2	10.9	11.1	13.4	13.0	13.2
12	8.1	7.9	8.1	8.1	7.9	8.0	11.6	11.2	11.5	13.2	13.0	13.1
13	8.1	8.0	8.1	8.4	8.0	8.1	11.8	11.6	11.7	13.1	12.6	12.8
14	8.2	8.1	8.1	9.5	8.5	9.0	11.9	11.7	11.8	12.6	12.3	12.4
15	8.3	8.1	8.2	10.0	9.5	9.7	11.8	11.3	11.6	12.4	12.2	12.3
16	8.2	8.0	8.1	10.3	10.0	10.2	11.4	10.8	11.2	12.5	12.3	12.4
17	8.2	7.9	8.1	10.7	10.4	10.5	10.8	10.3	10.6	12.5	12.3	12.3
18	8.5	8.0	8.1	10.8	10.5	10.6	10.9	10.3	10.5	12.8	12.5	12.7
19	8.7	8.5	8.6	10.7	10.3	10.5	11.5	10.9	11.1	13.4	12.9	13.1
20	9.0	8.5	8.7	10.4	10.1	10.3	12.3	11.6	12.0	13.8	13.4	13.6
21	8.7	7.4	8.4	10.1	9.8	10.0	12.8	12.3	12.6	13.9	13.6	13.7
22	9.1	8.7	8.9	10.0	9.8	9.9	13.2	12.6	13.0	13.9	13.5	13.7
23	9.7	8.8	9.1	10.5	10.0	10.3	13.5	13.1	13.3	13.7	13.2	13.4
24	9.1	8.9	9.0	10.7	10.5	10.5	13.7	13.3	13.4	13.2	12.8	13.1
25	9.0	8.7	8.9	10.9	10.7	10.8	13.7	13.1	13.4	12.8	12.3	12.6
26	8.7	8.6	8.6	11.1	10.8	11.0	13.2	12.9	13.0	12.3	11.5	11.9
27	8.6	8.5	8.6	11.2	11.0	11.1	12.9	12.5	12.7	11.5	10.9	11.2
28	8.6	8.5	8.5	11.0	10.9	10.9	12.7	12.4	12.6	11.2	10.6	10.8
29	8.8	8.3	8.6	11.0	10.8	10.9	12.8	12.5	12.7	11.7	11.3	11.5
30	8.8	8.5	8.7	10.9	10.7	10.8	12.6	12.2	12.4	11.8	11.6	11.7
31	9.0	8.8	8.9	---	---	---	12.1	11.3	11.8	11.8	11.6	11.7
MONTH	9.9	7.4	8.5	11.2	7.8	9.7	13.7	10.3	11.7	13.9	10.6	12.4

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

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.--Continued

DISSOLVED OXYGEN (DO), IN MILLIGRAMS PER LITER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	7.6	7.7	7.1	6.8	7.0	7.3	6.5	7.0	7.2	6.7	7.0
2	7.6	7.4	7.5	7.2	6.9	7.0	7.1	6.4	6.8	7.1	6.9	7.0
3	7.7	7.3	7.5	7.4	7.1	7.2	6.9	6.8	6.9	7.3	6.9	7.1
4	8.1	7.7	7.9	7.4	7.3	7.3	7.1	6.7	7.0	7.6	7.3	7.4
5	8.6	8.1	8.4	7.7	7.3	7.5	7.1	6.6	6.9	7.5	7.1	7.4
6	8.6	8.5	8.5	7.8	7.7	7.7	7.1	6.6	6.9	7.4	7.1	7.3
7	8.5	8.3	8.4	7.7	7.5	7.6	7.2	6.9	7.1	7.5	7.1	7.3
8	8.3	8.0	8.1	7.6	7.3	7.5	7.4	6.9	7.1	7.6	7.2	7.3
9	8.0	7.7	7.8	7.6	7.2	7.4	7.1	6.5	6.7	7.6	7.1	7.2
10	7.8	7.4	7.6	7.5	6.9	7.2	7.3	7.0	7.2	7.4	6.9	7.3
11	7.6	7.2	7.4	7.1	6.9	7.0	7.1	6.7	6.9	7.6	7.3	7.4
12	7.3	7.0	7.2	6.9	6.7	6.9	7.2	6.7	6.9	---	---	---
13	7.2	7.0	7.1	7.1	6.7	7.0	7.1	6.5	6.8	7.8	7.5	7.7
14	7.1	6.9	7.0	7.0	6.3	6.8	7.1	6.4	6.7	8.4	7.0	7.9
15	7.0	6.0	6.9	7.3	6.6	7.0	6.9	6.4	6.7	8.7	8.2	8.5
16	7.1	6.8	6.9	7.2	6.8	7.0	6.9	6.4	6.6	8.2	8.0	8.1
17	7.1	6.9	7.0	7.1	6.4	6.8	6.8	6.1	6.5	8.2	8.0	8.1
18	7.1	7.0	7.1	6.9	6.3	6.6	7.1	6.5	6.7	8.0	7.7	7.9
19	7.2	7.1	7.2	7.2	6.4	6.8	7.2	6.5	6.9	8.0	7.5	7.7
20	7.3	7.1	7.2	7.1	6.5	6.8	7.4	6.5	7.1	7.8	7.5	7.6
21	7.7	7.2	7.4	7.5	6.8	7.2	7.5	7.2	7.4	7.7	7.4	7.5
22	7.7	7.5	7.6	7.7	7.2	7.4	7.3	7.0	7.2	7.5	7.3	7.4
23	8.1	7.6	7.8	7.8	7.2	7.4	7.1	6.9	7.0	7.7	7.4	7.5
24	8.0	7.7	7.8	7.6	6.7	7.2	6.9	6.5	6.7	7.9	7.6	7.7
25	7.7	7.4	7.5	7.5	6.8	7.1	6.5	6.1	6.4	7.7	7.6	7.6
26	7.5	7.3	7.4	7.4	6.6	6.9	6.7	6.2	6.4	8.0	7.7	7.9
27	7.4	7.0	7.2	6.8	6.0	6.4	6.9	5.9	6.6	8.1	7.6	7.9
28	7.3	7.1	7.2	6.8	6.4	6.6	6.8	6.5	6.7	7.5	7.3	7.4
29	7.2	6.8	7.0	7.0	6.8	6.9	---	---	---	7.3	7.2	7.2
30	7.2	7.0	7.1	6.9	6.5	6.8	7.0	6.7	6.9	7.5	7.1	7.2
31	---	---	---	7.1	6.7	6.9	7.2	6.8	7.0	---	---	---
MONTH	8.6	6.0	7.5	7.8	6.0	7.1	7.5	5.9	6.9	8.7	6.7	7.5
YEAR	13.9	5.9	9.0									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.5	20.5	21.5	28.0	26.0	26.5	31.5	28.5	29.5	27.5	25.0	26.0
2	23.5	22.0	22.5	27.5	26.0	26.5	29.5	27.5	28.5	26.0	25.0	25.5
3	23.0	22.0	22.5	27.5	26.0	26.5	27.5	26.0	26.5	25.5	24.0	24.5
4	21.5	20.0	21.0	26.5	25.0	26.0	28.0	25.0	26.5	25.0	24.0	24.5
5	21.0	19.0	20.0	25.0	22.0	23.0	28.5	24.5	26.5	25.0	23.5	24.5
6	21.0	18.5	19.5	21.5	21.0	21.5	28.5	25.5	27.0	25.0	24.5	24.5
7	22.0	19.5	20.5	23.0	21.0	22.0	29.0	26.5	27.5	25.5	24.0	25.0
8	23.0	20.5	22.0	24.5	22.0	23.5	28.0	26.5	27.0	26.5	24.0	25.5
9	24.5	21.5	23.0	26.0	23.5	24.5	27.5	26.0	26.5	27.0	25.5	26.0
10	25.5	23.0	24.0	27.0	24.5	26.0	27.5	25.0	26.5	26.5	25.5	26.0
11	26.5	23.5	25.0	28.5	26.0	27.0	29.0	26.5	27.5	25.0	24.0	24.5
12	28.0	25.0	26.0	29.5	27.0	28.0	29.5	26.5	28.0	---	---	---
13	27.5	25.5	26.5	30.0	27.0	28.5	29.5	27.0	28.0	23.5	22.5	23.0
14	27.0	25.5	26.0	29.5	27.0	28.0	29.0	27.5	28.0	23.0	21.0	22.5
15	27.0	25.5	26.0	30.5	27.0	28.5	29.5	27.5	28.5	21.0	20.0	20.5
16	26.0	25.0	25.5	31.0	28.0	29.0	30.0	28.0	28.5	20.0	19.0	19.5
17	26.0	25.0	25.5	30.5	28.0	29.0	29.5	27.5	28.5	21.0	19.0	20.0
18	26.0	25.0	25.5	30.0	28.0	28.5	28.5	26.5	27.5	21.5	20.0	21.0
19	25.0	24.0	24.5	29.5	27.0	28.0	27.5	25.5	26.0	23.5	20.5	22.0
20	25.0	24.0	24.5	30.0	27.5	28.5	25.0	23.5	24.0	24.0	21.0	22.5
21	25.0	24.0	24.5	30.5	27.5	28.5	23.5	23.0	23.0	23.5	22.0	22.5
22	25.0	23.5	24.0	31.0	27.0	29.0	24.0	22.5	23.5	24.5	22.0	23.5
23	24.5	23.0	24.0	31.0	28.0	29.0	25.5	23.0	24.5	24.5	21.5	23.0
24	24.0	22.5	23.0	32.0	28.0	29.5	27.5	24.5	26.0	24.0	21.0	22.5
25	25.0	23.0	24.0	32.5	28.5	30.0	27.5	26.0	26.5	24.0	21.0	22.5
26	26.0	24.5	25.0	31.0	29.0	30.0	28.0	26.5	27.0	23.5	22.0	22.5
27	27.0	25.0	26.0	29.0	27.5	28.5	28.5	26.5	28.0	22.5	21.0	22.0
28	26.5	25.0	25.5	29.5	27.5	28.5	27.5	27.0	27.5	22.0	21.0	21.5
29	27.5	25.0	26.0	30.5	27.5	29.0	---	---	---	22.0	21.5	22.0
30	27.5	26.0	26.5	30.0	28.0	29.0	28.5	27.0	28.0	23.0	21.5	22.0
31	---	---	---	30.5	28.0	29.0	28.0	26.0	27.0	---	---	---
MONTH	28.0	18.5	24.0	32.5	21.0	27.5	31.5	22.5	27.0	27.5	19.0	23.0
YEAR	32.5	2.5	18.0									

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, S.C.--Continued

pH (UNITS), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

02161500 BROAD RIVER AT RICHTEX, S.C.

LOCATION.--Lat 34°11'05", long 81°11'48", Richland County, Hydrologic Unit 03050106, on right bank 0.8 mi (1.3 km) west of Richtex, 1.2 mi (1.9 km) upstream from Little River, 10.2 mi (16.4 km) downstream from Parr Shoals Dam, and at mile 191.2 (307.6 km).

DRAINAGE AREA.--4,850 mi^2 (12,560 km^2), approximately.

PERIOD OF RECORD.--October 1925 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 757: 1930(M). WSP 972: Drainage area. WSP 1383: 1929(M), 1933.

GAGE.--Water-stage recorder. Datum of gage is 184.84 ft (56.339 m) above mean sea level.

REMARKS.--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.--51 years, 6,196 ft^3/s (175.5 m^3/s), 17.35 in/yr (441 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 228,000 ft^3/s (6,460 m^3/s) Oct. 3, 1929, gage height, 30.7 ft (9.36 m) (from flood-marks), on basis of computation of flow over Parr Shoals Dam; minimum daily, 149 ft^3/s (4.22 m^3/s) Oct. 13, 1935, Sept. 2, 1957.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 35,000 ft^3/s (991 m^3/s) and maximum (*).

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 20	0345	*35,200	997	*10.03	3.057

Minimum daily, 1,750 ft^3/s (49.6 m^3/s) Sept. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4350	4350	4700	23100	9190	4880	21000	3850	15300	5230	3620	2710
2	4500	4250	5240	25100	8180	4350	21200	4430	10000	4160	3090	2240
3	4580	4400	5210	16300	10600	4700	17000	5210	8180	4530	2890	2410
4	4850	4000	5210	11300	9540	4700	11600	4850	7190	3500	3000	2950
5	4900	4300	4480	9510	7610	4680	8600	3480	7580	10500	2710	2260
6	4500	4250	4200	8180	7070	4400	7700	3140	6470	14600	2330	1750
7	3830	4530	4880	7490	7100	4480	6620	3780	4900	12300	2710	2760
8	4130	5540	4930	7370	5300	5570	6590	4480	4500	7530	2840	2200
9	5780	9400	6680	9120	5810	5390	5930	5750	4180	5420	3160	2210
10	15000	9400	5390	8950	5840	5330	5660	4980	4100	4000	3880	2210
11	12200	5630	4730	6560	5510	6620	5450	3680	4630	4570	2950	1760
12	7430	7250	5180	6140	5420	6050	4780	4030	3880	3720	3270	1930
13	5660	7910	4650	6050	5060	8700	5360	4050	3700	4020	2570	2100
14	5000	12800	3950	5240	5420	12900	4930	3680	4230	3300	2350	1790
15	4600	12100	4600	5900	4730	11400	5150	4650	4130	3470	2780	4640
16	4750	9440	4480	6350	5090	17900	4580	9160	3980	3390	2880	10100
17	5120	7670	4650	5780	4850	29900	4550	19100	5150	3130	2900	8530
18	7130	5870	6350	5090	5600	25500	4530	15100	7160	3070	3050	5310
19	28200	5630	6020	5480	5150	16900	4200	10600	9580	3460	2660	2610
20	30900	5450	4750	5030	5510	11000	4200	6320	8210	3500	2380	3050
21	16300	4600	4750	5060	5630	7760	4550	6410	8070	2550	2150	2200
22	9230	5000	4480	4600	5720	6740	4130	5810	10700	3130	2140	2530
23	6620	5270	3930	4780	7310	6080	4400	4500	11400	3190	2500	2480
24	6530	4330	4150	4800	8810	6470	3980	4450	12700	2920	2560	2700
25	5180	5150	4650	4800	6560	5840	4230	4600	8830	2940	2120	2140
26	5270	4680	5030	5450	5870	5510	3850	4430	6920	3930	1900	2730
27	5150	5000	6770	6140	5750	5360	3700	4700	6420	4050	2310	7190
28	5450	4250	8740	12300	4930	5390	3460	4630	5620	3790	1810	10100
29	4580	5060	7580	21100	5540	4630	3750	5840	5500	3620	2140	7820
30	4580	4700	6860	16300	---	5510	3700	15500	4420	2800	3870	4310
31	4150	---	9680	12000	---	10500	---	23700	---	2950	3030	---
TOTAL	240450	182210	166900	281370	184700	265140	199380	208890	207630	143270	84550	109720
MEAN	7756	6074	5384	9076	6369	8553	6646	6738	6921	4622	2727	3657
MAX	30900	12800	9680	25100	10600	29900	21200	23700	15300	14600	3880	10100
MIN	3830	4000	3930	4600	4730	4350	3460	3140	3700	2550	1810	1750
CFSM	1.60	1.25	1.11	1.87	1.31	1.76	1.37	1.39	1.43	.95	.56	.75
IN.	1.84	1.40	1.28	2.16	1.42	2.03	1.53	1.60	1.59	1.10	.65	.84

CAL YR 1975 TOTAL 3420710 MEAN 9372 MAX 92500 MIN 2610 CFSM 1.93 IN 26.24
WTR YR 1976 TOTAL 2274210 MEAN 6214 MAX 30900 MIN 1750 CFSM 1.28 IN 17.44

02162010 CEDAR CREEK NEAR BLYTHEWOOD, S.C.

LOCATION.--Lat 34°11'44", long 81°06'13", Richland County, Hydrologic Unit 03050106, on right bank at downstream side of bridge on State Road 59, 0.2 mi (0.3 km) above Williams Branch, 8.0 mi (12.9 km) southwest of Blythewood, and at mile 6.9 (11.1 km).

DRAINAGE AREA.--48 mi^2 (124 km^2), approximately.

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

GAGE.--Water-stage recorder. Altitude of gage is 240 ft (73 m) (from topographic map).

REMARKS.--Records good. Recording rain gage located at station.

AVERAGE DISCHARGE.--9 years, 45.1 ft^3/s (1.277 m^3/s) 12.76 in/yr (324 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,870 ft^3/s (138 m^3/s) July 4, 1968, gage height, 18.42 ft (5.614 m); minimum daily, 0.66 ft^3/s (0.019 m^3/s) Oct. 5, 6, 1968.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 1,000 ft^3/s (28.3 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)	Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 16	1445	*2,630	74.5	*12.24	3.731	June 30	0130	1,220	34.6	7.74	2.359
June 21	1715	1,100	31.2	7.34	2.237	July 10	0400	1,450	41.1	8.49	2.588

Minimum daily, 3.0 ft^3/s (0.085 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	5.1	9.0	148	41	16	24	21	10	64	15	6.5
2	14	5.1	13	57	120	16	22	17	9.3	39	13	13
3	37	5.8	8.6	40	60	16	20	12	64	29	11	11
4	36	6.2	7.6	33	45	15	20	9.3	54	29	9.0	8.3
5	34	5.8	7.6	26	37	16	19	8.6	27	251	8.0	7.2
6	32	6.2	7.2	23	34	34	18	8.6	17	176	8.0	6.9
7	26	7.2	7.6	27	31	26	18	8.3	13	166	12	6.5
8	14	15	14	164	28	21	17	12	12	77	16	5.5
9	29	9.0	17	69	27	75	17	17	12	47	14	4.8
10	13	8.3	24	43	25	54	16	12	10	452	10	4.8
11	9.7	15	14	35	24	34	16	9.3	9.7	79	9.0	4.1
12	8.6	12	11	32	23	29	15	11	9.3	48	8.0	3.4
13	7.9	74	9.3	29	22	188	15	9.7	9.7	35	7.0	3.0
14	7.6	20	8.6	27	22	75	14	8.6	17	27	7.0	10
15	7.2	12	9.0	24	20	56	15	42	15	23	8.0	88
16	7.2	9.7	9.7	22	20	1260	14	41	117	20	9.0	27
17	9.7	9.0	26	23	20	255	13	27	173	18	7.0	13
18	20	8.3	66	20	20	105	13	20	91	16	6.0	9.3
19	11	7.9	30	19	26	64	12	16	128	15	6.0	7.6
20	8.3	7.2	21	22	21	51	12	12	129	14	5.0	6.9
21	7.2	7.9	18	19	19	44	12	9.3	347	13	11	6.9
22	6.9	7.6	16	19	22	38	12	8.6	189	12	10	6.9
23	6.5	7.2	14	17	22	33	11	8.6	261	11	8.0	6.2
24	6.2	7.2	14	18	19	30	9.7	11	258	10	7.0	5.5
25	5.8	7.2	13	17	17	29	9.7	62	94	11	6.0	5.5
26	6.5	6.9	53	18	18	29	9.7	34	208	15	5.0	7.6
27	6.5	6.9	42	320	17	28	9.3	19	134	20	5.0	21
28	5.8	6.9	27	214	17	27	9.0	16	171	29	5.0	17
29	5.5	6.5	21	77	16	25	8.6	18	122	16	7.0	57
30	5.5	6.2	49	52	---	25	9.3	17	343	15	10	45
31	4.8	---	227	40	---	25	---	13	---	27	8.0	---
TOTAL	416.4	319.3	814.2	1694	833	2739	430.3	538.9	3054.0	1804	270.0	425.4
MEAN	13.4	10.6	26.3	54.6	28.7	88.4	14.3	17.4	102	58.2	8.71	14.2
MAX	37	74	227	320	120	1260	24	62	347	452	16	88
MIN	4.8	5.1	7.2	17	16	15	8.6	8.3	9.3	10	5.0	3.0
CFSM	.28	.22	.55	1.14	.60	1.84	.30	.36	2.13	1.21	.18	.30
IN.	.32	.25	.63	1.31	.65	2.12	.33	.42	2.37	1.40	.21	.33

CAL YR 1975 TOTAL 24965.0 MEAN 68.4 MAX 1850 MIN 4.8 CFSM 1.43 IN 19.35
WTR YR 1976 TOTAL 13338.5 MEAN 36.4 MAX 1260 MIN 3.0 CFSM .76 IN 10.34

02162500 SALUDA RIVER NEAR GREENVILLE, S.C.

LOCATION.--Lat 34°50'32", long 82°28'51", Pickens County, Hydrologic Unit 03050109, on right bank 700 ft (213 m) upstream from bridge on State Road 124, 1.6 mi (2.6 km) downstream from Saluda Lake Dam, 2.4 mi (3.9 km) upstream from Georges Creek, 4.6 mi (7.4 km) west of city hall in Greenville, and at mile 132.0 (212.4 km).

DRAINAGE AREA.--293 mi^2 (759 km^2).

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1948, published as "near West Greenville."

GAGE.--Water-stage recorder. Altitude of gage is 810 ft (247 m) (from topographic map).

REMARKS.--Records good. Some regulation at low and medium flow by powerplant at Saluda Lake. Capacity of reservoir insufficient to affect monthly figures of runoff. About 38,769,975 gal. per day, 60.0 ft^3/s (1.70 m^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 below station near Greenville.

AVERAGE DISCHARGE.--35 years, 646 ft^3/s (18.29 m^3/s) 29.94 in/yr (760 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft^3/s (312 m^3/s) Oct. 7, 1949, gage height, 19.38 ft (5.907 m), from rating curve extended above 7,500 ft^3/s (212 m^3/s) on basis of computation of peak flow over dam at Saluda Lake; minimum, 28 ft^3/s (0.79 m^3/s) Feb. 1, 1956, gage height, 1.65 ft (0.503 m); minimum daily, 70 ft^3/s (1.98 m^3/s) Oct. 16, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 2,800 ft^3/s (79.3 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 18	0930	3,080	87.2	6.57	2.003
Jan. 28	0200	3,840	109	7.59	2.313
May 30	1300	*4,160	118	*8.01	2.441

Minimum discharge, 86 ft^3/s (2.44 m^3/s) Apr. 27, gage height 2.08 ft (0.634 m); minimum daily, 260 ft^3/s (7.36 m^3/s) Aug. 31

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	597	548	902	2620	1210	731	2690	743	1330	854	457	261
2	787	553	872	1920	1430	705	2290	870	1160	512	454	287
3	681	614	794	1330	1220	698	1600	688	1320	616	353	342
4	586	553	740	1230	1100	661	1370	592	1410	773	372	339
5	495	516	668	1040	1030	705	1220	570	1110	1070	357	326
6	445	542	668	925	979	643	1100	553	940	768	364	316
7	460	822	662	887	917	661	1060	1050	852	723	379	303
8	887	1300	674	1120	895	679	977	1050	813	680	441	294
9	2080	851	694	995	872	785	905	651	732	643	401	288
10	1220	971	643	872	773	895	871	645	711	640	396	283
11	880	1160	575	829	858	711	863	658	736	605	373	275
12	760	1140	564	808	785	698	852	654	709	569	354	270
13	681	2310	564	787	737	1250	822	597	677	514	310	267
14	626	2140	580	910	724	1060	805	545	649	506	403	279
15	537	1350	559	872	778	911	780	856	811	500	351	509
16	597	1100	592	794	692	1350	750	1730	739	502	347	394
17	917	971	597	780	750	1430	732	1490	1360	501	427	302
18	2860	910	575	740	744	1090	720	1230	1480	485	382	299
19	1980	760	521	687	888	873	710	943	1080	476	350	293
20	1270	851	516	668	764	865	697	800	1490	414	339	287
21	1020	808	537	668	711	935	665	735	2100	522	335	285
22	880	794	521	662	1170	991	664	685	1550	495	284	281
23	801	753	516	643	1340	835	647	654	1200	433	278	270
24	746	801	505	631	1060	806	619	640	1040	442	308	267
25	700	681	505	637	873	717	613	594	920	430	299	264
26	681	733	1100	1110	850	775	628	584	857	425	295	434
27	655	707	1140	3170	806	729	466	597	825	468	319	723
28	597	829	858	3360	785	829	700	731	846	479	402	434
29	662	687	740	2080	711	696	564	2510	814	503	394	481
30	564	694	746	1470	---	1600	526	3740	946	489	773	1010
31	575	---	1450	1260	---	2240	---	2110	---	489	260	---
TOTAL	27227	27449	21578	36505	26452	28554	27906	30495	31207	17526	11557	10663
MEAN	878	915	696	1178	912	921	930	984	1040	565	373	355
MAX	2860	2310	1450	3360	1430	2240	2690	3740	2100	1070	773	1010
MIN	445	516	505	631	692	643	466	545	649	414	260	261
CFSM	3.00	3.12	2.38	4.02	3.11	3.14	3.17	3.36	3.55	1.93	1.27	1.21
IN.	3.46	3.48	2.74	4.63	3.36	3.63	3.54	3.87	3.96	2.23	1.47	1.35

CAL YR 1975 TOTAL 320953 MEAN 879 MAX 6250 MIN 289 CFSM 3.00 IN 40.75
WTR YR 1976 TOTAL 297119 MEAN 812 MAX 3740 MIN 260 CFSM 2.77 IN 37.72

02163500 SALUDA RIVER NEAR WARE SHOALS, S.C.

LOCATION.--Lat 34°23'12", long 82°13'20", Greenwood County, Hydrologic Unit 03050109, on right bank 2.0 mi (3.2 km) southeast of Ware Shoals, 2.5 mi (4.0 km) downstream from Ware Shoals Dam, 5.0 mi (8.0 km) upstream from Turkey Creek, and at mile 83.7 (134.7 km).

DRAINAGE AREA.--569 mi^2 (1,474 km^2).

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

REVISED RECORDS.--WSP 892: 1939. WSP 1433: 1940-41, 1943-45.

GAGE.--Water-stage recorder. Altitude of gage is 448 ft (136.6 m) (by barometer).

REMARKS.--Records good, except for period of missing record which is poor. Some regulation at low and medium flow by powerplants above station. Capacity of reservoirs insufficient to affect monthly figures of runoff. Diversion by City of Greenville (see sta 02162500).

AVERAGE DISCHARGE.--38 years, 1,025 ft^3/s (29.03 m^3/s), 24.46 in/yr (621 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,700 ft^3/s (586 m^3/s) Sept. 14, 1973, gage height, 22.85 ft (6.965 m), from rating curve extended above 14,000 ft^3/s (396 m^3/s) on basis of computation of peak flow over dam; minimum, 3 ft^3/s (0.085 m^3/s) Sept. 18, 1939; minimum daily, 11 ft^3/s (0.31 m^3/s) Oct. 12, 19, 1941.

EXTREMES FOR CURRENT YEAR.--Peaks discharges above base of 5,000 ft^3/s (142 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 18	0200	6100	173	11.62	3.542
Jan. 28	0700	6010	170	11.51	3.508
Mar. 16	1915	*7980	226	*13.87	4.228

Minimum daily, 307 ft^3/s (8.69 m^3/s) Sept. 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1030	703	1090	3000	1770	1010	4100	900	2620	1180	609	550
2	1080	721	1080	3380	2130	1020	3100	1030	1940	1010	658	384
3	1200	916	1090	2430	2000	905	2500	1430	1850	780	631	532
4	730	921	1140	1980	1730	1050	2200	1100	1980	1110	582	582
5	831	846	1090	1810	1570	845	1900	835	1780	2060	546	420
6	1020	613	1020	1440	1460	865	1700	850	1450	1860	510	528
7	831	1040	826	1590	1360	935	1620	1200	1400	1510	474	568
8	1120	1480	1040	1560	1210	1020	1430	1510	1140	1190	631	442
9	2830	1610	1090	1720	1390	980	1140	1320	1040	1200	658	505
10	2800	1380	967	1470	1250	1260	1170	1340	1060	960	726	361
11	1710	1430	941	1290	998	1070	970	1030	1050	910	586	334
12	1330	1540	855	1410	1090	1040	1220	1030	950	985	550	374
13	1330	3210	744	1230	672	2960	1150	935	1010	940	532	401
14	905	3090	721	1260	1040	2380	1090	915	1110	730	451	505
15	957	2460	967	1190	960	1810	1080	1080	960	744	460	761
16	860	1730	1060	1250	1080	4450	1050	2630	1170	676	654	653
17	1390	1530	926	1140	975	4340	990	2350	1470	685	645	599
18	5180	1330	972	1100	1040	2580	980	1930	1690	618	555	469
19	4040	1210	851	1300	1130	2070	990	1640	1740	762	555	361
20	2610	1130	759	1020	1040	1750	845	1350	1640	618	546	460
21	1800	1060	725	962	985	1520	1010	975	2180	631	420	442
22	1490	1050	1000	1070	1310	1590	940	995	2200	757	415	433
23	1310	1060	725	972	1740	1500	905	1070	1740	785	514	361
24	1160	1090	759	890	1650	1400	960	1190	1520	541	478	307
25	1080	1040	851	875	1460	1300	845	1020	1190	613	411	338
26	1020	1070	1000	1210	1210	1400	965	1010	1080	645	451	343
27	1040	993	1540	3570	995	1350	1070	795	1040	960	469	1300
28	957	952	1540	5730	1020	1450	835	1040	1170	726	420	940
29	941	1030	1330	4420	975	1200	890	3140	1050	600	424	790
30	759	1030	1210	2710	---	3000	1100	3980	970	810	757	536
31	905	---	1640	2010	---	3700	---	4320	---	546	815	---
TOTAL	46246	39265	31549	56989	37240	53750	40745	45940	43190	28142	17133	15579
MEAN	1492	1309	1018	1838	1284	1734	1358	1482	1440	908	553	519
MAX	5180	3210	1640	5730	2130	4450	4100	4320	2620	2060	815	1300
MIN	730	613	721	875	672	845	835	795	950	541	411	307
CFSM	2.62	2.30	1.79	3.23	2.26	3.05	2.39	2.60	2.53	1.60	.97	.91
IN.	3.02	2.57	2.06	3.73	2.43	3.51	2.66	3.00	2.82	1.84	1.12	1.02

CAL YR 1975 TOTAL 529534 MEAN 1451 MAX 11500 MIN 446 CFSM 2.55 IN 34.62
WTR YR 1976 TOTAL 455768 MEAN 1245 MAX 5730 MIN 307 CFSM 2.19 IN 29.80

Note: No gage-height record Feb. 12 to Apr. 23.

02165000 REEDY RIVER NEAR WARE SHOALS, S.C.

LOCATION.--Lat 34°26'40", long 82°10'35", Laurens County, Hydrologic Unit 03050109, on left bank 1.9 mi (3.1 km) downstream from dam at Boyd's Mill, 4.5 mi (7.2 km) upstream from Walnut Creek, 5.0 mi (8.0 km) northeast of Ware Shoals, and at mile 12.8 (20.6 km).

DRAINAGE AREA.--228 mi^2 (591 km^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.

GAGE.--Water-stage recorder. Altitude of gage is 489 ft (149.0 m) (by barometer).

REMARKS.--Records good. 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 below station near Greenville (see sta. 02162500).

AVERAGE DISCHARGE.--37 years, 345 ft^3/s (9.770 m^3/s), 20.55 in/yr (522 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft^3/s (312 m^3/s) Sept. 14, 1973, gage height 15.40 ft (4.694 m); minimum, 2.7 ft^3/s (0.076 m^3/s) July 6, 1967, gage height 0.42 ft (0.128 m); minimum daily, 4.8 ft^3/s (0.14 m^3/s) Sept. 9, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 2,500 ft^3/s (70.8 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)	Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 19	0100	*3740	106	*5.58	1.701	Mar. 17	1100	3170	89.8	5.01	1.527
Jan. 28	1630	2610	73.9	4.50	1.372	Apr. 1	1500	3220	91.2	5.06	1.542

Minimum daily, 33 ft^3/s (0.93 m^3/s) Sept. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	350	330	355	1310	533	458	2520	334	564	277	284	130
2	315	330	221	861	808	446	1450	443	502	210	270	100
3	397	360	386	584	686	249	850	357	492	277	256	130
4	455	330	486	598	525	132	567	315	487	455	256	140
5	340	310	355	524	522	235	658	299	504	1050	127	110
6	248	360	272	505	550	387	553	382	485	940	46	130
7	173	550	220	498	240	461	515	481	341	422	56	140
8	298	750	276	498	390	418	499	622	278	497	401	110
9	1380	598	360	609	550	460	494	561	230	499	358	130
10	1250	486	479	426	460	458	489	454	284	351	280	70
11	619	543	350	419	290	461	367	371	368	280	278	37
12	473	486	272	475	310	369	261	277	367	341	276	33
13	449	1280	220	500	300	1450	409	408	280	317	274	168
14	443	1350	190	493	260	1540	229	356	230	75	259	281
15	365	619	230	364	224	686	395	329	180	80	253	279
16	248	505	252	286	392	2030	506	1380	282	129	253	477
17	320	486	285	309	472	2920	489	1600	466	236	252	490
18	1450	473	408	395	332	1190	333	738	704	280	126	344
19	2360	467	492	413	219	797	239	537	459	280	48	132
20	861	355	345	499	421	669	139	489	493	274	151	55
21	626	264	276	486	477	606	278	481	518	273	277	129
22	524	268	230	331	495	576	434	346	497	275	123	257
23	467	392	200	264	710	511	488	276	489	283	134	253
24	455	467	210	230	484	504	472	200	390	291	145	251
25	449	340	280	200	478	485	471	160	276	287	278	248
26	443	211	350	279	469	494	203	293	220	282	207	132
27	380	272	498	1260	462	497	81	467	170	203	44	461
28	360	289	498	2480	283	489	176	447	282	195	40	676
29	400	420	486	1300	344	486	307	570	377	284	103	499
30	340	479	479	710	---	491	299	2000	393	279	268	355
31	350	---	557	575	---	1140	---	946	---	284	180	---
TOTAL	17588	14370	10518	18681	12686	22095	15171	16919	11608	10206	6303	6747
MEAN	567	479	339	603	437	713	506	546	387	329	203	225
MAX	2360	1350	557	2480	808	2920	2520	2000	704	1050	401	676
MIN	173	211	190	200	219	132	81	160	170	75	40	33
CFSM	2.49	2.10	1.49	2.64	1.92	3.13	2.22	2.39	1.70	1.44	.89	.99
IN.	2.87	2.34	1.72	3.05	2.07	3.60	2.48	2.76	1.89	1.67	1.03	1.10

CAL YR 1975 TOTAL 198994 MEAN 545 MAX 6770 MIN 54 CFSM 2.39 IN 32.47
WTR YR 1976 TOTAL 162892 MEAN 445 MAX 2920 MIN 33 CFSM 1.95 IN 26.58

02165200 SOUTH RABON CREEK NEAR GRAY COURT, S.C.

LOCATION.--Lat 34°31'12", long 82°09'26", Laurens County, Hydrologic Unit 03050109, on left bank, 125 ft (38 m) upstream from U.S. Highway 76, 2.5 mi (4.0 km) upstream from North Rabon Creek and 7.0 mi (11.3 km) southwest of Gray Court.

DRAINAGE AREA.--29.5 mi^2 (76.4 km^2).

PERIOD OF RECORD.--January 1967 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 560 ft (171 m) (from topographic map).

REMARKS.--Records good. Recording rain gage located at station.

AVERAGE DISCHARGE.--9 years, 43.7 ft^3/s (1.238 m^3/s), 20.12 in/yr (511 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,100 ft^3/s (116 m^3/s) Sept. 14, 1973, gage height, 9.86 ft (3.005 m); minimum daily, 7.0 ft^3/s (0.20 m^3/s) July 9-13, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft^3/s (14.2 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 13	0715	502	14.2	2.65	0.808
Mar. 16	1745	*780	22.1	*3.30	1.006
Mar. 31	2115	516	14.6	2.69	0.820

Minimum daily, 12 ft^3/s (0.34 m^3/s) Aug. 24, 26 - 29, 31, Sept. 1, 2, 7 - 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	22	33	119	46	32	215	32	47	27	16	12
2	28	23	31	63	76	31	93	36	42	26	16	12
3	22	22	29	55	52	31	67	29	45	27	15	13
4	20	22	28	53	44	30	58	28	41	131	15	15
5	19	22	28	45	41	30	53	28	37	116	15	13
6	19	22	27	41	39	39	49	28	33	62	14	13
7	19	41	29	42	37	40	46	40	31	48	18	12
8	63	60	39	54	35	38	44	37	30	39	22	12
9	145	35	33	44	34	53	42	31	29	34	18	12
10	47	46	33	39	33	55	41	29	28	32	16	12
11	34	53	31	39	33	41	40	29	27	29	15	12
12	29	45	29	39	32	65	39	31	26	28	15	12
13	26	177	29	37	32	375	39	28	25	26	14	12
14	25	67	29	38	31	102	38	28	24	26	19	20
15	23	48	29	35	31	73	37	63	23	25	16	53
16	22	40	31	34	31	513	36	212	77	24	15	25
17	39	37	31	37	31	252	36	72	141	23	15	19
18	72	34	35	33	30	93	35	51	73	21	14	16
19	37	33	30	32	31	70	34	43	44	21	13	16
20	31	32	29	31	29	60	33	37	45	22	13	15
21	29	33	29	32	29	57	33	33	39	21	13	15
22	27	30	29	31	66	51	33	32	34	21	14	14
23	26	31	28	30	49	47	32	32	33	20	13	14
24	25	33	27	31	39	45	31	31	32	19	12	14
25	25	30	28	30	37	44	30	34	29	18	13	13
26	25	29	46	33	35	42	30	33	51	18	12	19
27	24	29	39	139	34	42	30	31	36	19	12	58
28	23	29	34	111	33	41	32	35	31	19	12	37
29	23	28	32	60	32	40	30	135	31	18	12	25
30	23	27	38	49	---	74	30	89	33	18	13	21
31	22	---	141	43	---	303	---	57	---	17	12	---
TOTAL	1012	1180	1084	1499	1102	2809	1386	1454	1217	995	452	556
MEAN	32.6	39.3	35.0	48.4	38.0	90.6	46.2	46.9	40.6	32.1	14.6	18.5
MAX	145	177	141	139	76	513	215	212	141	131	22	58
MIN	19	22	27	30	29	30	30	28	23	17	12	12
CFSM	1.11	1.33	1.19	1.64	1.29	3.07	1.57	1.59	1.38	1.09	.49	.63
IN.	1.28	1.49	1.37	1.89	1.39	3.54	1.75	1.83	1.53	1.25	.57	.70

CAL YR 1975 TOTAL 20697 MEAN 56.7 MAX 1180 MIN 16 CFSM 1.92 IN 26.10
WTR YR 1976 TOTAL 14746 MEAN 40.3 MAX 513 MIN 12 CFSM 1.37 IN 18.59

02166500 LAKE GREENWOOD NEAR CHAPPELLS, S.C.

LOCATION.--Lat 34°10'08", long 81°54'30", Newberry County, Hydrologic Unit 03050109, at left upstream end of dam on Saluda River, 0.7 mi (1.1 km) upstream from Wilson Creek and 2.4 mi (3.9 km) west of Chappells.

DRAINAGE AREA.--1,150 mi^2 (2,980 km^2), approximately.

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

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

REMARKS.--Lake is formed by earth dam; storage began in May 1940; dam completed in 1940. Usable capacity, about 7,640,000,000 ft^3 (216,000,000 m^3) between elevations 420.0 ft (128.02 m) (limit of drawdown) and 440.0 ft (134.11 m) (normal operating level) above mean sea level. Dead storage is about 3,500,000,000 ft^3 (99,000,000 m^3). Figures given herein represent usable contents. Elevation of spillway crest is 415.0 ft (126.49 m) and elevation of top of 1 1/2 ft (0.46 m) flashboards on top of spillway gages is 441.5 ft (134.57 m) above mean sea level. Water is used for generation of power.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 442.02 ft (134.728 m) Mar. 5, 1952; minimum elevation since normal reservoir level was first reached, 424.42 ft (129.363 m) Oct. 16, 1947.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 440.96 ft (134.405 m) Mar. 18, May 31; minimum, 430.92 ft (131.344 m) Dec. 12.

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

431.0 ft (131.37 m)	3.70 ft^3 (104.8 m^3)
433.0 ft (131.98 m)	4.51 ft^3 (127.7 m^3)
436.0 ft (132.89 m)	5.82 ft^3 (164.8 m^3)
439.0 ft (133.81 m)	7.18 ft^3 (203.3 m^3)
442.0 ft (134.72 m)	8.56 ft^3 (242.4 m^3)

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	438.18	433.63	432.80	432.94	433.75	435.80	438.78	439.75	440.78	439.50	439.63	439.07
2	437.71	433.67	432.60	433.13	433.44	435.70	439.14	439.92	440.42	439.46	439.53	438.86
3	437.46	433.46	432.44	433.04	433.24	435.99	439.08	439.81	440.11	439.59	439.60	438.88
4	437.19	433.22	432.27	433.09	433.24	436.14	438.82	439.77	439.77	440.01	439.50	438.97
5	436.95	433.33	432.01	433.03	433.56	436.35	438.58	439.77	439.47	440.43	439.48	439.04
6	436.65	433.30	432.04	432.86	433.49	436.63	438.48	439.68	439.41	440.57	439.21	439.12
7	436.30	433.32	432.16	432.80	433.63	436.91	438.39	439.57	439.36	440.43	439.39	438.93
8	436.04	433.60	431.84	432.75	433.82	436.98	438.60	439.84	439.44	440.19	439.64	438.69
9	435.97	433.93	431.61	432.67	433.92	436.79	438.64	440.02	439.42	439.96	439.51	438.60
10	436.08	433.78	431.32	432.92	434.17	437.00	438.75	439.81	439.56	439.75	439.43	438.63
11	435.77	433.67	430.99	433.12	434.31	437.19	438.85	439.57	439.52	439.84	439.44	438.60
12	436.15	433.72	431.02	432.95	434.15	437.07	438.61	439.50	439.66	439.75	439.34	438.60
13	436.00	434.09	431.24	432.78	434.29	437.78	438.84	439.52	439.71	439.73	439.30	438.60
14	435.73	434.56	431.25	432.54	434.35	438.29	438.67	439.56	439.58	439.57	439.37	438.70
15	435.49	434.70	430.96	432.39	434.46	438.44	438.72	439.49	439.68	439.41	439.48	438.58
16	435.41	435.02	431.09	432.27	434.26	440.18	438.78	439.67	439.71	439.42	439.50	438.60
17	435.18	434.89	430.97	432.38	434.25	440.94	438.88	439.69	439.75	439.48	439.41	438.50
18	435.59	434.75	431.19	432.47	434.30	440.92	438.99	439.50	439.89	439.51	439.29	438.61
19	436.22	434.52	431.33	432.20	434.28	440.68	438.84	439.38	439.95	439.47	439.19	438.66
20	436.14	434.29	431.49	432.38	434.44	440.35	438.62	439.44	439.88	439.55	439.09	438.42
21	435.78	434.02	431.52	432.38	434.64	439.99	438.85	439.58	439.85	439.51	439.14	438.21
22	435.28	434.05	431.63	432.25	434.94	439.60	439.07	439.64	439.85	439.44	439.19	438.07
23	434.75	434.13	431.76	432.43	434.91	439.18	439.14	439.74	439.75	439.41	439.17	437.90
24	434.28	433.86	431.83	432.53	435.14	438.66	439.14	439.52	439.60	439.49	439.04	437.72
25	434.07	433.59	431.84	432.66	435.37	438.22	439.14	439.53	439.41	439.57	439.02	437.74
26	434.24	433.24	432.10	432.43	435.61	437.77	439.61	439.50	439.44	439.68	439.01	437.84
27	434.15	433.06	432.33	432.83	435.78	437.62	439.69	439.46	439.41	439.72	439.09	437.86
28	433.85	432.74	432.57	433.92	435.87	437.46	439.58	439.53	439.50	439.61	439.15	437.88
29	433.79	432.86	432.36	434.49	435.97	437.47	439.65	440.21	439.44	439.52	439.20	437.83
30	433.43	432.97	432.26	434.41	---	437.47	439.51	440.68	439.57	439.48	439.20	437.66
31	433.63	---	432.49	434.08	---	437.96	---	440.96	---	439.57	439.20	---
MAX	438.18	435.02	432.08	434.49	435.97	440.94	439.69	440.96	440.78	439.52	439.64	439.12
MIN	433.43	432.74	430.96	432.20	433.24	435.70	438.39	439.38	439.36	439.41	439.01	437.66
(†)	4.78	4.50	4.30	4.98	5.81	6.71	7.41	8.08	7.44	7.44	7.27	6.57
(‡)	-818	-108	-75	254	331	336	270	250	-247	0	-63	-270

CAL YR 1975 ‡ 7 MAX 441.20 MIN 430.96
WTR YR 1976 ‡ -13 MAX 440.96 MIN 430.96

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

0216700 SALUDA RIVER AT CHAPPELLS, S.C.

LOCATION.--Lat 34°10'40", long 81°51'40", Newberry County, Hydrologic Unit 03050109, on left bank downstream side of bridge on State Highway 39 at Chappells, 6.7 mi (10.8 km) downstream from dam at Lake Greenwood, 9.8 mi (15.8 km) upstream from Little River, and at mile 52.3 (84.2 km).

DRAINAGE AREA.--1,350 mi^2 (3,500 km^2), approximately.

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.

REVISED RECORDS.--WSP 972: Drainage area. WSP 1303: 1942-45.

GAGE.--Water-stage recorder. Datum of gage is 362.89 ft (110.609 m) above mean sea level. Oct. 1, 1926 to Sept. 30, 1939, nonrecording or recording gage at site 300 ft (91 m) downstream at datum 363.79 ft (110.883 m) above mean sea level. Oct. 1, 1939 to Oct 7, 1964, recording gage at present site and at datum 363.89 ft (110.914 m) above mean sea level.

REMARKS.--Records good. Flow regulated by Lake Greenwood (see sta. 02166500).

AVERAGE DISCHARGE.--50 years, 1,972 ft^3/s (55.85 m^3/s), 19.84 in/yr (504 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 63,700 ft^3/s (1,804 m^3/s), Oct. 2, 1929, gage height 32.5 ft (9.91 m), present datum, from rating curve extended above 27,000 ft^3/s (765 m^3/s) on basis of velocity-area studies; minimum, 8 ft^3/s (0.23 m^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 (11.19 m) (present site and datum), from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 10,800 ft^3/s (306 m^3/s) Mar. 17, gage height, 19.03 ft (5.800 m); minimum, 38 ft^3/s (1.08 m^3/s) Sept. 13; minimum daily, 312 ft^3/s (8.84 m^3/s) Sept. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3300	1280	2470	4560	3300	2520	4840	1000	4830	2130	721	1540
2	4740	1130	2790	5170	3420	2780	4830	662	4760	1700	1300	1600
3	3250	2300	2600	4910	2570	670	4810	2440	4810	907	549	704
4	2980	2510	2720	3320	1450	599	4800	1990	4940	796	1440	414
5	2850	1300	3070	3300	533	574	4780	1240	4740	3310	869	358
6	3150	1440	2120	3270	1450	536	3280	1630	2860	4210	1810	370
7	3180	1830	1370	3280	817	535	3220	2460	2100	4000	645	1570
8	2960	2360	2840	3660	716	1490	1980	1580	1360	3550	628	2080
9	4850	1920	3170	3490	835	3030	1710	1080	1900	3380	1590	1350
10	4850	2910	3300	2120	422	2040	1610	2850	907	3310	1810	623
11	4770	3100	3220	1490	1320	1200	1390	3020	1420	1370	999	601
12	1040	2840	2030	2760	2430	2810	2630	1980	1340	1730	1520	312
13	2740	3500	569	3230	1710	3980	1360	1580	1270	1680	1130	372
14	3060	3440	1280	3200	1410	3830	2330	1290	2000	1810	512	1730
15	3050	3300	2530	3050	1370	3380	2040	2580	681	1950	416	2490
16	1940	1950	1430	2660	2590	7950	1700	4890	1850	1050	393	1510
17	3300	2610	2650	1830	2210	10100	1470	5090	2210	980	1180	1950
18	4980	3030	1500	1520	1810	8090	1080	5010	2170	762	1500	730
19	4940	3250	1230	1540	2100	5480	2190	3210	2260	1280	1130	393
20	4850	3120	1230	571	1230	5040	2580	2020	3400	598	1290	1620
21	4820	3240	1380	809	1300	4960	728	1350	3440	1000	784	2080
22	4800	2200	1170	1290	1590	4920	521	1280	3610	1580	426	1630
23	4790	1610	864	406	3080	4880	696	1330	3410	1500	541	1590
24	4740	2630	1020	394	2190	4860	711	2820	3350	895	1310	1850
25	3010	3200	1440	386	1500	4790	976	1830	3280	480	1050	756
26	1770	3190	1220	1500	1200	4820	1060	1900	1830	595	815	774
27	2020	2690	1710	2280	1250	3160	847	1550	1660	1400	567	1730
28	2760	2980	1590	3520	1490	3000	1610	1780	1640	1530	470	2190
29	2240	2020	2820	3420	1320	2510	654	4060	2030	1480	368	2280
30	2640	1460	3190	3330	---	2620	2370	5170	917	1700	852	2300
31	1280	---	4360	3300	---	3330	---	5100	---	585	1070	---
TOTAL	105650	74340	64883	79566	48613	110484	64803	75772	76975	53248	29685	39497
MEAN	3408	2478	2093	2567	1676	3564	2160	2444	2566	1718	958	1317
MAX	4980	3500	4360	5170	3420	10100	4840	5170	4940	4210	1810	2490
MIN	1040	1130	569	386	422	535	521	662	681	480	368	312

CAL YR 1975 TOTAL 1073454 MEAN 2941 MAX 26900 MIN 345
WTR YR 1976 TOTAL 823516 MEAN 2250 MAX 10100 MIN 312

02168500 LAKE MURRAY NEAR COLUMBIA, S.C.

LOCATION.--Lat 34°03'07", long 81°13'15", Lexington County, Hydrologic Unit 03050109, in intake tower 500 ft (152 m) upstream from dam on Saluda River and 10.0 mi (16.1 km) upstream from confluence of Saluda and Broad Rivers at Columbia.

DRAINAGE AREA.--2,420 mi^2 (6,270 km^2), approximately.

PERIOD OF RECORD.--August 1929 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.64 ft (0.195 m) below mean sea level. Prior to Oct. 31, 1930, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam; storage began Aug. 31, 1929; dam completed in 1930. Usable capacity, 70,300,000,000 ft^3 (1,990,000,000 m^3) between gage heights 300.0 ft (91.44 m) (limit of drawdown) and 360.0 ft (109.73 m) (maximum normal lake level). Dead storage, 21,800,000,000 ft^3 (617,000,000 m^3). Figures given herein represent usable contents. Gage height of one spillway crest (completed in 1946), 330 ft (100.6 m) with top of gages 362 ft (110.3 m); gage height of other spillway crest, 340 ft (103.6 m) with top of gages 365 ft (111.3 m). Water is used for generation power.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 361.51 ft (110.188 m) Apr. 10, 1936; minimum gage height since generation of power was started 320.96 ft (97.829 m) Dec. 23, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 358.95 ft (109.408 m) July 7; minimum gage height, 347.64 ft (105.961 m) Dec. 1.

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

350 ft (106.7 m)	50.77 ft^3 (1,438.0 m^3)
352 ft (107.3 m)	54.30 ft^3 (1,538.0 m^3)
356 ft (108.5 m)	61.91 ft^3 (1,753.3 m^3)
358 ft (109.1 m)	66.00 ft^3 (1,869.1 m^3)
360 ft (109.7 m)	70.30 ft^3 (1,990.9 m^3)

GAGE HEIGHT, IN FEET, AT 2400, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	352.35	352.10	347.77	350.00	352.90	353.36	356.21	356.71	358.30	358.37	357.49	355.53
2	352.18	352.10	347.82	350.30	353.00	353.46	356.46	356.69	358.30	358.36	357.36	355.45
3	352.16	351.79	347.77	350.50	353.10	353.51	356.62	356.66	358.40	358.38	357.30	355.41
4	352.16	351.59	347.75	350.60	353.10	353.52	356.76	356.71	358.30	358.37	357.31	355.34
5	352.20	351.34	347.77	350.70	353.20	353.57	356.84	356.80	358.40	358.79	357.33	355.31
6	351.92	351.02	347.82	350.80	353.00	353.60	356.86	356.70	358.40	358.80	357.26	355.27
7	351.60	350.81	347.92	351.00	353.00	353.58	356.81	356.80	358.40	358.63	357.23	354.97
8	351.71	350.87	347.84	351.00	352.90	353.65	356.79	356.80	358.40	358.46	357.20	354.71
9	351.78	350.85	347.85	351.30	352.90	353.89	356.76	356.90	358.20	358.43	357.22	354.35
10	351.91	350.65	347.99	351.40	352.80	354.02	356.79	356.90	358.20	358.55	357.20	354.10
11	352.05	350.26	347.98	351.40	352.70	354.06	356.79	357.00	358.00	358.32	357.05	353.91
12	352.01	350.11	348.01	351.40	352.50	354.16	356.67	357.10	357.80	358.16	356.89	353.86
13	352.00	350.03	347.97	351.40	352.50	354.57	356.70	357.10	357.80	358.18	356.75	353.82
14	352.00	349.51	347.96	351.50	352.50	354.81	356.79	357.10	357.80	358.16	356.76	354.08
15	351.94	348.90	347.98	351.60	352.60	355.07	356.85	357.30	357.90	358.03	356.78	354.27
16	351.93	348.63	348.07	351.60	352.60	355.94	356.87	357.40	357.90	358.03	356.64	354.27
17	352.07	348.47	348.21	351.60	352.60	356.24	356.91	357.50	358.00	358.04	356.50	354.08
18	352.23	348.24	348.20	351.60	352.70	356.40	356.92	357.60	358.20	357.99	356.50	353.75
19	352.37	348.24	348.09	351.60	352.70	356.36	356.94	357.80	358.30	357.94	356.42	353.46
20	352.51	348.22	348.05	351.60	352.70	356.29	356.95	357.90	358.30	357.91	356.33	353.14
21	352.62	348.10	348.07	351.50	352.70	356.42	356.93	357.90	358.40	357.85	356.32	353.14
22	352.74	348.09	348.07	351.50	352.90	356.31	356.84	357.90	358.50	357.76	356.22	353.10
23	352.91	348.02	348.09	351.50	352.90	356.35	356.73	357.90	358.50	357.74	356.07	352.96
24	353.03	347.77	348.13	351.50	352.90	356.45	356.70	357.90	358.52	357.75	355.79	352.88
25	353.10	347.83	348.11	351.50	352.90	356.54	356.68	358.10	358.52	357.73	355.65	352.81
26	353.10	347.73	348.29	351.60	353.00	356.61	356.64	358.10	358.48	357.65	355.60	352.83
27	352.85	347.84	348.41	351.90	353.17	356.67	356.63	358.10	358.50	357.66	355.54	352.57
28	352.81	347.85	348.46	352.10	353.24	356.68	356.60	358.10	358.54	357.63	355.53	352.45
29	352.70	347.74	348.51	352.20	353.27	356.53	356.57	358.20	358.44	357.57	355.55	352.84
30	352.49	347.87	348.86	352.40	---	356.37	356.64	358.20	358.39	357.55	355.51	352.69
31	352.20	---	349.50	352.60	---	356.17	---	358.20	---	357.53	355.47	---
MAX	353.10	352.10	349.50	352.60	353.27	356.68	356.95	358.20	358.54	358.80	357.49	355.53
MIN	351.60	347.73	347.75	350.00	352.50	353.36	356.21	356.66	357.80	357.53	355.47	352.45
(+)	54.67	47.19	49.92	55.41	56.65	62.25	63.20	66.43	66.83	65.03	60.86	55.57
(*)	-131	-2,886	1,019	2,050	495	2,091	367	1,206	154	-672	-1,557	-2,041

WTR YR 1976 * 17 MAX 358.80 MIN 347.73
CAL YR 1975 * -166 MAX 358.65 MIN 347.73

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

NOTE. GAGE HEIGHTS FOR DEC. 31-FEB.26 AND MAY 5-JUNE 23 WERE OBTAINED FROM NATIONAL WEATHER SERVICE.

02169000 SALUDA RIVER NEAR COLUMBIA, S.C.

LOCATION.--Lat 34°00'50", long 81°05'17", Richland County, Hydrologic Unit 03050109, on left bank 0.4 mi (0.6 km) upstream from site of Old Saluda Mill, 1.6 mi (2.6 km) upstream from confluence with Broad River and 3.3 mi (5.3 km) west of State Capitol in Columbia, and at mile 1.67 (2.69 km).

DRAINAGE AREA.--2,510 mi^2 (6,500 km^2), approximately.

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

REVISED RECORDS.--WSP 972: Drainage area. WSP 1303: 1929-39 (monthly and yearly runoff).

GAGE.--Water-stage recorder. Datum of gage is 149.46 ft (45.555 m) above mean sea level. Prior to Sept. 1, 1929, at same site at datum 150.46 ft (45.860 m) above mean sea level.

REMARKS.--Records good. Flow regulated by Lake Murray (see sta 02168500) and Lake Greenwood (see sta 02166500).

AVERAGE DISCHARGE.--51 years, 2,913 ft^3/s (82.50 m^3/s), 15.76 in/yr (400 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 67,000 ft^3/s (1,900 m^3/s) Oct. 2, 1929, gage height, 15.22 ft (4.639 m), from rating curve extended above 36,000 ft^3/s (1,020 m^3/s) on basis of discharge measurements made at Wise Ferry Bridge near Chapin; mminimum, 11 ft^3/s (0.31 m^3/s) July 13, 1930; minimum daily, 12 ft^3/s (0.34 m^3/s) July 13, 1930, caused by construction work above station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,400 ft^3/s (521 m^3/s) July 7, gage height, 7.99 ft (2.435 m); minimum, 454 ft^3/s 12.9 m^3/s) part of each day May 9, 10; minimum daily, 456 ft^3/s (12.9 m^3/s) May 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4760	4340	3790	1690	1400	510	3360	1350	2970	2800	1150	549
2	7570	1770	1320	1620	4940	612	2090	1300	4200	2110	2710	3400
3	3120	7420	2110	1440	1920	538	1850	1320	7310	1360	1150	2710
4	2270	8560	3020	1650	2080	974	1520	1360	6280	878	1160	1420
5	2390	6970	2740	2530	3180	737	2710	1430	3890	3390	1280	1160
6	7610	7850	1880	1970	3590	589	3350	1480	2890	10300	2950	1520
7	8820	7070	1740	4040	5730	553	4610	1490	2120	13100	1240	7260
8	3310	3000	3320	2610	2790	548	3350	675	3320	12000	783	8980
9	2890	2560	3410	3190	3820	663	2100	456	5180	3440	1510	9600
10	2720	6430	2960	2500	2100	618	1440	1100	3690	4580	2360	6790
11	2360	9190	2180	1830	1290	645	1380	1440	4190	7430	4460	1950
12	1920	11200	2200	2260	6950	596	1910	1290	6100	5820	5310	834
13	2700	11400	1940	2280	2820	877	1620	1710	1310	1910	3470	2150
14	2940	11300	1760	1910	1590	648	1720	1150	805	2200	1480	3110
15	3290	16900	1820	2510	1090	630	1620	1270	800	2660	1430	2370
16	2700	9590	1800	1990	1870	5240	1300	1570	1820	3100	3620	2890
17	2410	7160	2250	2400	1920	11500	734	2100	1030	1330	2340	7580
18	1820	7120	3730	3280	1730	11800	640	1360	1160	986	2680	9120
19	1360	3520	3140	2780	1740	10100	1300	1230	1050	2080	2220	7410
20	1510	3070	2040	2190	1400	8230	2180	1310	2560	1870	4090	8710
21	1760	5460	1760	2370	1580	3590	2320	1430	3070	1890	1320	2080
22	1840	3480	1530	2310	761	6940	2070	1240	1000	3040	1190	2100
23	2600	2800	736	2280	1580	4360	1530	1260	4410	2410	5600	4730
24	2440	4640	694	1620	1730	3910	1510	1380	5560	994	7180	3630
25	1700	3880	636	1560	1520	2840	1330	1550	3940	1100	5020	2760
26	2150	3550	681	1660	595	5320	1720	1290	6430	2200	2040	1910
27	5260	1720	561	2200	561	3120	1410	1720	1680	2600	1720	7100
28	4010	2210	547	2170	536	2290	1370	1620	2750	1810	1160	4830
29	3550	2790	725	3060	502	7250	1050	6080	4580	2560	807	6270
30	6450	2690	681	1980	---	6850	1130	5250	2410	2560	976	6080
31	6840	---	1350	1540	---	6810	---	5780	---	1590	531	---
TOTAL	107070	179640	59051	69420	63315	109888	56224	54991	98505	106098	74937	131003
MEAN	3454	5988	1905	2239	2183	3545	1874	1774	3284	3423	2417	4367
MAX	8820	16900	3790	4040	6950	11800	4610	6080	7310	13100	7180	9600
MIN	1360	1720	547	1440	502	510	640	456	800	878	531	549

CAL YR 1975 TOTAL 1633187 MEAN 4474 MAX 18200 MIN 470
WTR YR 1976 TOTAL 1110142 MEAN 3033 MAX 16900 MIN 456

02169500 CONGAREE RIVER AT COLUMBIA, S.C.

LOCATION.--Lat 33°59'35", long 81°03'00", Lexington County, Hydrologic Unit 03050110, on right bank at Columbia, 1,000 ft (300 m) downstream from Gervais Street Bridge, 1.4 mi (2.3 km) downstream from confluence of Broad and Saluda Rivers, and at mile 174.8 (281.3 km).

DRAINAGE AREA.--7,850 mi^2 (20,330 km^2), approximately.

PERIOD OF RECORD.--October 1939 to current year. Gage-height records collected at site 1,000 ft (300 m) upstream October 1891 to December 1933 and at present site since January 1934 are contained in reports of National Weather Service.

GAGE.--Water-stage recorders. Datum of gage is 113.02 ft (34.448 m) above mean sea level.

REMARKS.--Records good. Flow regulated by Lake Murray (see sta 02168500), and Lake Greenwood (see sta 02166500) on 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 (1.39 m^3/s) above station for municipal supply.

AVERAGE DISCHARGE.--37 years, 9,310 ft^3/s (263.7 m^3/s), 16.11 in/yr (409 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 142,000 ft^3/s (4,020 m^3/s) Apr. 10, 1964, gage height, 28.60 ft (8.717 m); minimum, 588 ft^3/s (16.7 m^3/s) Jan. 19, 1942, gage height 0.94 ft (0.287 m); minimum daily, 662 ft^3/s (18.7 m^3/s) Oct. 18, 1954.

EXTREMES FOR OUTSIDE PERIOD OF RECORD.--Maximum flood since at least Oct. 1891, discharge 364,000 ft^3/s (10,300 m^3/s), gage height, 39.8 ft (12.13 m), present datum, at site 1,000 ft (300 m) upstream, from records of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 48,400 ft^3/s (1,370 m^3/s) Mar. 17, gage height, 16.16 ft (4.926 m); minimum, 982 ft^3/s (27.8 m^3/s), Sept. 12, gage height, 1.79 ft (0.546 m); minimum daily, 2,110 ft^3/s (59.8 m^3/s) Sept. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10000	9330	8680	22000	11900	6680	22500	6060	20600	8420	4990	3010
2	12500	6910	7470	26900	14300	5440	23100	5950	14900	7360	5960	5740
3	8730	11700	7870	20300	13000	5970	19900	7330	16100	6700	4200	5460
4	7900	12900	9120	14200	12800	6270	14600	7270	14800	4770	3900	4580
5	8130	11200	8550	12900	12100	6140	12100	5420	11600	12900	4510	3760
6	13700	12400	6470	11200	11600	5990	12000	5050	10500	25100	5060	3170
7	13200	11800	7190	12100	13600	5310	11800	5570	8370	28000	3850	9050
8	8550	8810	9040	11900	9920	6670	10400	5420	8470	22900	3440	11000
9	8540	11600	10200	13200	10500	7330	8710	6540	9310	10900	5560	11600
10	16300	16200	10400	12700	9170	6890	6970	7460	8470	10200	6710	9030
11	15500	15300	7920	9940	7880	7760	8030	5730	9000	11700	8210	3980
12	10800	18000	7850	9490	13000	7940	7090	5390	10500	10500	7770	2110
13	8950	20300	7880	9260	8920	9940	7590	6630	5830	6810	6170	4360
14	8720	22400	6650	8580	8320	14000	7520	5280	5300	5690	3790	5270
15	8710	29700	6670	8970	6980	13100	7440	6470	5490	6820	4280	6990
16	8040	21800	6850	9300	7600	22400	6910	9190	6690	7210	6420	12800
17	8010	16000	7850	9370	7950	42800	5810	19300	7280	4770	5660	16400
18	7760	14100	10100	9470	7920	41900	5860	17600	8790	4480	6220	15600
19	22900	9870	10800	9040	7960	31100	6290	12700	11600	5680	4720	10800
20	32500	9490	8280	8140	7850	22500	6690	9520	12200	5990	6990	11300
21	20700	10700	7140	8620	8160	13300	7580	8260	12000	4460	2990	4590
22	12400	9180	6990	7800	7400	14900	7170	8140	12600	6360	3580	4760
23	10300	9110	5450	7960	9300	11500	6080	6590	16400	5980	7740	7250
24	9670	10200	5450	7160	11300	11000	6540	6900	19700	4110	9280	6780
25	7450	8530	5590	7220	9660	9920	5780	6570	14900	4150	7180	4850
26	8210	9070	6450	7440	7230	11400	6320	7410	14000	5880	4290	4780
27	10700	7390	7710	9750	7380	9690	5570	6710	10500	7660	3850	12200
28	10200	7470	10000	13900	6610	8400	5210	7290	9390	6620	3500	15500
29	8800	7890	9160	23700	6550	12700	5030	10700	11400	6830	2360	15300
30	11600	8750	8310	19900	---	12500	5100	18100	8620	5840	5140	12400
31	11100	---	11200	15000	---	15100	---	27800	---	4140	3860	---
TOTAL	360570	378100	249290	377410	276860	406540	271690	274350	335310	268930	162180	244420
MEAN	11630	12600	8042	12170	9547	13110	9056	8850	11180	8675	5232	8147
MAX	32500	29700	11200	26900	14300	42800	23100	27800	20600	28000	9280	16400
MIN	7450	6910	5450	7160	6550	5310	5030	5050	5300	4110	2360	2110

CAL YR 1975 TOTAL 5329610 MEAN 14600 MAX 120000 MIN 3230
WTR YR 1976 TOTAL 3605650 MEAN 9852 MAX 42800 MIN 2110

02169550 CONGAREE CREEK AT CAYCE, S.C.

LOCATION.--Lat 33°56'15", long 81°04'40", Lexington County, Hydrologic Unit 03050110, on left bank 20 ft (6 m) downstream from bridge on U.S. Highway 21 at Cayce, 2.1 mi (3.4 km) upstream from Sixmile Creek, and at mile 5.4 (8.7 km).

DRAINAGE AREA.--136 mi^2 (352 km^2).

PERIOD OF RECORD.--October 1959 to current year. Occasional low-flow measurements, water years 1925, 1944, 1949-59.

REVISED RECORDS.--WSP 1703, 1923: 1960(M).

GAGE.--Water-stage recorder. Datum of gage is 128.98 ft (39.313 m) above mean sea level (South Carolina Highway Department bench-mark). Prior to Jan. 20, 1960, nonrecording gage at same site and datum.

REMARKS.--Records good. About 2.6 ft^3/s (0.074 m^3/s) diverted by city of Cayce for municipal supply.

AVERAGE DISCHARGE.--17 years, 226 ft^3/s (6.400 m^3/s), 22.57 in/yr (573 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,840 ft^3/s (52.1 m^3/s) Oct. 1, 1959, gage height, 5.92 ft (1.804 m), from floodmarks; minimum daily, 111 ft^3/s (3.14 m^3/s) June 20, 1970.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 73.2 ft^3/s (2.07 m^3/s) was measured on May 10, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 600 ft^3/s (17.0 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
July 6	0400	*818	23.2	*4.58	1.396

Minimum daily, 137 ft^3/s (3.88 m^3/s) Aug. 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	192	170	191	350	211	171	194	197	156	253	158	143
2	191	170	205	314	238	170	186	226	153	207	153	143
3	187	172	195	264	248	168	177	187	181	184	150	149
4	178	174	186	230	226	166	174	160	255	186	152	159
5	173	177	181	211	207	166	168	152	280	439	148	158
6	173	178	178	201	201	173	167	149	226	740	147	155
7	177	182	182	211	195	181	167	153	167	515	149	153
8	179	226	199	292	184	171	167	158	155	350	159	149
9	195	244	207	356	190	195	166	162	150	264	158	147
10	205	214	244	308	190	230	164	158	178	270	153	146
11	190	208	240	253	190	214	164	153	166	267	149	142
12	181	207	203	223	181	186	161	152	152	194	147	142
13	177	283	188	200	181	231	155	147	144	183	148	142
14	177	340	182	204	181	279	158	152	152	172	146	161
15	177	292	182	207	179	263	156	170	164	166	143	273
16	176	218	186	207	179	346	154	238	168	161	143	475
17	179	196	225	199	181	542	154	218	374	159	142	390
18	218	191	282	181	178	426	153	181	385	162	142	279
19	212	184	306	187	179	312	152	159	273	221	138	182
20	184	182	256	184	181	240	150	149	248	242	137	171
21	173	181	209	188	178	214	147	144	246	181	158	167
22	173	179	197	188	181	208	148	141	248	165	173	168
23	173	179	195	186	183	200	150	147	211	171	174	162
24	171	183	194	187	178	196	143	197	291	223	165	158
25	173	183	192	188	173	191	142	235	352	183	155	160
26	177	181	217	188	172	190	147	201	271	166	154	162
27	174	182	252	247	172	191	146	171	235	164	150	168
28	173	184	244	360	172	195	148	164	356	176	149	172
29	173	182	209	368	172	190	148	190	392	184	147	192
30	173	179	216	289	---	191	152	197	326	170	154	276
31	171	---	289	226	---	192	---	170	---	160	148	---
TOTAL	5625	6021	6632	7397	5481	6988	4758	5378	7055	7278	4689	5644
MEAN	181	201	214	239	189	225	159	173	235	235	151	188
MAX	218	340	306	368	248	542	194	238	392	740	174	475
MIN	171	170	178	181	172	166	142	141	144	159	137	142
CFSM	1.33	1.48	1.57	1.76	1.39	1.65	1.17	1.27	1.73	1.73	1.11	1.38
IN.	1.54	1.65	1.81	2.02	1.50	1.91	1.30	1.47	1.93	1.99	1.28	1.54

CAL YR 1975 TOTAL 84107 MEAN 230 MAX 799 MIN 164 CFSM 1.69 IN 23.01
WTR YR 1976 TOTAL 72946 MEAN 199 MAX 740 MIN 137 CFSM 1.46 IN 19.95

02169570 GILLS CREEK AT COLUMBIA, S.C.

LOCATION.--Lat 33°59'22", long 80°58'28", Richland County, Hydrologic Unit 03050110, at upstream side of bridge on U.S. Highway 378 and 76 (Devine Street) at Columbia, 0.75 mi (1.21 km) downstream from Lake Katherine, and at mile 7.7 (12.4 km).

DRAINAGE AREA.--59.6 mi^2 (154.4 km^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 (41.873 m) above mean sea level. Apr. 1, 1964 to Aug. 6, 1966, crest-stage gage at same site and datum.

REMARKS.--Records good. Some possible interruption of natural flow by private lakes upstream.

AVERAGE DISCHARGE.--10 years, 78.8 ft^3/s (2.232 m^3/s), 17.95 in/yr (456 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,570 ft^3/s (44.5 m^3/s) Mar. 3, 1971, gage height, 7.20 ft (2.195 m); minimum daily, 11 ft^3/s (0.31 m^3/s) Apr. 4, 1967, Oct. 5, 6, 1969, Oct. 21-27, 1974.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 500 ft^3/s (14.2 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 16	1400	776	22.0	5.86	1.786
June 3	1700	584	16.5	5.28	1.609
July 5	1400	*794	22.5	*5.91	1.801

Minimum daily, 18 ft^3/s (0.51 m^3/s) Aug. 19, 20, 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	30	47	146	117	40	51	73	50	42	38	22
2	49	33	47	161	142	41	47	59	79	37	33	41
3	43	36	49	133	128	43	46	54	229	34	31	33
4	37	39	50	117	113	44	43	48	395	47	30	27
5	35	43	51	109	102	48	43	50	229	533	28	26
6	33	44	52	105	96	67	41	40	114	509	27	24
7	32	76	53	126	92	64	39	35	69	284	25	22
8	41	87	55	183	89	57	37	30	50	172	25	19
9	74	81	67	207	69	107	36	30	41	125	24	19
10	96	88	71	160	22	85	33	29	36	121	25	20
11	83	78	76	130	28	68	32	32	31	80	26	21
12	63	100	75	118	44	58	32	31	28	66	23	24
13	50	276	73	112	55	125	30	30	27	58	22	22
14	46	188	74	109	58	114	30	28	25	32	21	55
15	49	135	78	103	52	103	29	82	28	26	21	160
16	49	110	81	101	49	566	28	77	35	23	23	81
17	53	102	101	99	49	449	28	81	127	21	20	69
18	54	99	97	96	51	234	28	54	171	24	19	54
19	50	98	93	92	57	138	27	40	160	36	18	43
20	52	93	92	88	56	107	26	34	114	49	18	37
21	51	87	88	85	57	90	25	30	152	40	20	31
22	48	80	83	82	63	82	25	27	123	34	20	28
23	43	73	81	75	60	72	24	31	147	53	19	24
24	34	60	75	70	51	66	24	46	139	42	18	22
25	32	43	70	67	46	61	24	85	101	32	20	21
26	32	41	94	70	43	58	26	91	98	29	21	20
27	32	40	83	138	43	60	25	68	130	30	20	22
28	32	40	83	168	41	61	24	50	182	31	20	20
29	31	40	84	223	41	57	24	64	73	35	31	83
30	31	39	121	148	---	55	31	54	51	49	32	132
31	30	---	133	118	---	54	---	46	---	44	22	---
TOTAL	1432	2379	2377	3739	1914	3274	958	1529	3234	2738	740	1222
MEAN	46.2	79.3	76.7	121	66.0	106	31.9	49.3	108	88.3	23.9	40.7
MAX	96	276	133	223	142	566	51	91	395	533	38	160
MIN	30	30	47	67	22	40	24	27	25	21	18	19
CFSM	.78	1.33	1.29	2.03	1.11	1.78	.54	.83	1.81	1.48	.40	.68
IN.	.89	1.48	1.48	2.33	1.19	2.04	.60	.95	2.02	1.71	.46	.76

CAL YR 1975 TOTAL 40688 MEAN 111 MAX 858 MIN 21 CFSM 1.86 IN 25.40
WTR YR 1976 TOTAL 25536 MEAN 69.8 MAX 566 MIN 18 CFSM 1.17 IN 15.94

02169630 BIG BEAVER CREEK NEAR ST. MATTHEWS, S.C.

LOCATION.--Lat 33°44'12", long 80°57'30", Calhoun County, Hydrologic Unit 03050110, on right downstream wingwall of bridge on U.S. Highway 21, 0.1 mi (0.2 km) downstream from Rock Branch, 11.6 mi (18.7 km) northwest of St. Matthews, and at mile 8.2 (13.2 km).

DRAINAGE AREA.--10.0 mi^2 (25.9 km^2).

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

GAGE.--Water-stage recorder. Altitude of gage is 175 ft (53.3 m), from topographic map.

REMARKS.--Records good.

AVERAGE DISCHARGE.--10 years, 13.6 ft^3/s (0.385 m^3/s), 19.56 in/yr (497 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft^3/s (38.5 m^3/s) July 29, 1971, gage height 6.66 ft (2.030 m); minimum daily, 4.7 ft^3/s (0.13 m^3/s) July 3, 12, Aug. 4, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 100 ft^3/s (2.83 m^3/s) and maximum.
No peaks above base.
Maximum discharge, 52 ft^3/s (1.47 m^3/s) Jan. 27, gage height 3.33 ft (1.015 m).
Minimum daily, 8.0 ft^3/s (0.23 m^3/s) May 13, 14, June 13-15, Sept. 11-13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	11	15	19	24	13	13	22	9.0	17	8.5	8.2
2	15	11	14	17	25	13	13	15	18	14	8.5	8.2
3	12	11	14	16	20	13	12	11	33	12	8.5	8.3
4	12	13	13	16	18	13	12	9.2	23	18	8.3	8.3
5	11	12	13	15	18	13	12	9.5	16	37	8.3	8.3
6	11	12	13	15	17	13	12	9.2	13	27	8.3	8.3
7	11	15	13	19	16	12	12	10	11	21	8.3	8.2
8	14	15	14	33	16	12	12	13	9.8	17	9.2	8.2
9	16	13	18	22	16	18	11	11	9.0	15	9.2	8.8
10	13	13	17	19	16	16	11	9.7	12	14	8.5	8.2
11	11	13	15	18	16	13	11	9.0	9.2	13	10	8.0
12	12	14	14	17	15	14	12	8.6	8.5	12	11	8.0
13	11	22	14	17	15	21	12	8.0	8.0	11	10	8.0
14	11	15	15	16	15	16	11	8.0	8.0	10	10	17
15	11	13	14	16	15	16	11	23	8.0	10	8.5	26
16	13	12	16	16	14	34	11	18	45	9.8	8.5	14
17	22	11	26	17	14	22	11	15	35	9.5	8.8	11
18	22	11	24	16	14	18	11	13	18	10	8.5	9.0
19	20	11	18	15	14	17	10	10	17	9.7	8.3	8.6
20	12	11	16	15	14	16	9.8	9.2	21	9.5	9.2	8.8
21	12	11	16	15	14	16	9.2	8.8	18	9.3	11	10
22	11	11	15	15	15	16	9.0	8.3	14	9.0	9.8	9.0
23	11	11	15	15	13	15	9.2	12	19	9.2	9.0	8.6
24	11	11	15	14	13	14	9.2	18	22	9.5	8.5	8.5
25	12	11	15	13	13	14	9.3	15	15	9.2	11	8.3
26	11	12	25	15	13	14	9.3	13	13	9.0	11	8.3
27	11	13	19	40	13	16	9.2	11	21	8.8	9.2	8.5
28	11	11	15	31	13	14	9.2	10	26	8.8	8.6	8.5
29	12	12	14	22	13	14	9.2	13	19	8.8	8.8	13
30	11	13	18	20	---	14	13	11	25	8.6	9.7	15
31	11	---	21	19	---	14	---	10	---	8.6	8.3	---
TOTAL	399	375	504	573	452	484	325.6	371.5	523.5	395.3	283.3	299.1
MEAN	12.9	12.5	16.3	18.5	15.6	15.6	10.9	12.0	17.5	12.8	9.14	9.97
MAX	22	22	26	40	25	34	13	23	45	37	11	26
MIN	11	11	13	13	13	12	9.0	8.0	8.0	8.6	8.3	8.0
CFSM	1.29	1.25	1.63	1.85	1.56	1.56	1.09	1.20	1.75	1.28	.91	1.00
IN.	1.48	1.39	1.87	2.13	1.68	1.80	1.21	1.38	1.95	1.47	1.05	1.11

CAL YR 1975 TOTAL 6325.0 MEAN 17.3 MAX 73 MIN 10 CFSM 1.73 IN 23.53
WTR YR 1976 TOTAL 4985.3 MEAN 13.6 MAX 45 MIN 8.0 CFSM 1.36 IN 18.54

02169800 SANTEE RIVER NEAR FORT MOTTE, S.C.

LOCATION.--Lat 33°44'30", long 80°37'27", long 80°37'27", Calhoun County, Hydrologic Unit 03050110, on right bank 0.3 mi (0.5 km) downstream from confluence of Wateree and Congaree Rivers and 4.0 mi (6.4 km) east of Fort Motte and at mile 124 (200 km).

DRAINAGE AREA.--14,100 mi^2 (36,500 km^2).

PERIOD OF RECORD.--June 1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is 68.00 ft (20.73 m) above mean sea level (levels by South Carolina Public Service Authority).

REMARKS.--The stage record published is the mean gage height for each calendar day. Gage heights below 8.5 ft (2.591 m) are often subject to lag in intake action.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.51 ft (6.251 m), Mar. 18, 19, 1975.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.05 ft (4.587 m) Mar. 20.

GAGE HEIGHT, IN FEET, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.82	11.87	10.24	11.89	13.61	10.21	12.32	9.37	12.76	12.96	9.75	8.37
2	12.62	11.18	9.94	12.73	13.46	9.99	12.96	9.10	13.23	12.63	9.34	8.29
3	12.55	10.19	10.01	13.28	13.24	9.79	13.40	9.07	13.35	12.32	9.03	8.27
4	12.32	10.28	10.30	13.71	13.11	9.58	13.58	9.04	13.43	11.90	8.87	8.29
5	11.79	10.96	10.77	13.85	12.98	9.39	13.36	9.57	13.47	11.23	8.70	8.28
6	11.31	11.45	10.87	13.60	12.83	9.27	12.89	9.37	13.32	11.87	8.63	8.21
7	11.61	11.90	10.40	13.22	12.69	9.17	12.67	9.12	13.03	13.09	8.61	8.10
8	12.13	12.11	10.18	13.06	12.68	9.00	12.12	8.95	12.38	13.69	9.26	8.03
9	12.01	11.93	10.30	13.01	12.43	9.01	11.84	8.93	11.88	14.16	8.85	9.33
10	11.71	11.98	11.24	12.94	12.11	10.18	11.23	9.02	11.77	14.23	8.58	10.32
11	12.40	12.03	11.59	12.91	11.70	10.20	10.43	9.12	11.57	13.80	9.72	10.51
12	12.70	12.51	11.29	12.61	11.24	10.14	9.97	9.22	11.13	13.33	10.02	9.31
13	12.28	12.85	11.12	12.14	11.77	10.59	9.76	9.28	11.32	13.07	10.01	8.69
14	11.55	13.24	10.78	11.79	11.76	11.10	10.08	9.65	10.89	12.54	9.85	8.93
15	11.67	13.52	9.94	11.49	11.28	11.86	9.84	9.74	10.11	11.75	9.39	9.16
16	11.70	13.78	9.61	11.33	10.68	12.17	9.84	10.19	10.01	11.36	8.85	9.08
17	11.57	14.11	9.95	11.33	10.42	12.81	9.85	11.26	10.57	11.13	8.58	11.01
18	11.49	14.09	10.74	11.24	10.54	13.46	9.70	12.45	11.34	10.42	8.56	11.78
19	11.60	13.77	11.42	11.20	10.46	14.31	9.46	12.87	11.72	9.84	8.55	12.06
20	12.54	13.28	11.86	11.15	10.50	14.98	9.24	12.92	12.19	9.54	8.53	11.72
21	12.96	12.72	11.46	11.04	10.62	14.91	9.43	12.38	12.48	9.48	8.74	11.58
22	13.59	12.34	10.70	10.91	10.75	14.42	10.21	11.54	12.64	9.37	9.10	10.81
23	13.78	12.17	9.92	10.68	10.50	13.82	10.14	10.97	12.89	9.61	8.67	9.94
24	13.32	11.93	9.60	10.73	10.58	13.33	9.91	10.53	13.20	9.90	8.56	9.82
25	12.74	11.84	9.47	10.59	11.25	12.82	9.88	10.17	13.45	9.54	9.75	10.10
26	11.84	11.76	9.69	10.25	11.20	12.17	9.44	10.13	13.59	9.29	10.19	9.59
27	11.22	11.65	9.99	10.20	10.75	11.77	9.14	10.22	13.61	9.12	9.51	9.32
28	11.15	11.22	10.47	11.29	10.65	11.31	8.95	10.07	13.62	9.54	9.04	9.94
29	11.55	10.54	11.17	12.19	10.43	10.99	8.84	10.07	13.36	10.20	8.76	11.32
30	11.50	10.22	11.32	12.93	---	11.14	8.93	11.05	13.21	10.27	8.60	12.06
31	11.88	---	11.27	13.42	---	11.82	---	12.22	---	10.17	8.45	---
MEAN	12.13	12.11	10.57	12.02	11.59	11.47	10.65	10.24	12.38	11.33	9.07	9.74
MAX	13.78	14.11	11.86	13.85	13.61	14.98	13.58	12.92	13.62	14.23	10.19	12.06
MIN	11.15	10.19	9.47	10.20	10.42	9.00	8.84	8.93	10.01	9.12	8.45	8.03

CAL YR 1975 MEAN 12.47 MAX 20.16 MIN 9.03
WTR YR 1976 MEAN 11.11 MAX 14.98 MIN 8.03

02169900 LAKE MARION NEAR RIMINI, S.C.

LOCATION.--Lat 33°38'40", long 80°30'37", Clarendon County, Hydrologic Unit 03050111, on upstream side of dock at Elliott's Landing, 0.9 mi (1.5 km) downstream from Seaboard Coastline Railroad, 1.8 mi (2.9 km) southwest of Rimini and at mile 113.4 (182.5 km).

DRAINAGE AREA.--14,194 mi^2 (36,762 km^2).

PERIOD OF RECORD.--January 1944 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level. Prior to Nov. 8, 1971, nonrecording gage 0.9 mi (1.5 km) upstream at different datum.

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; dam completed in 1941 (see sta 02171000).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.10 ft (23.500 m) July 24, 1975; minimum, 72.12 ft (21.982 m) Jan. 6, 1975.

EXTREMES FOR CURRENT YEAR: Maximum elevation, 76.91 ft (23.442 m) June 30; minimum, 72.30 ft (22.037 m) Dec. 26.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.63	74.16	74.02	72.44	73.21	73.92	75.42	75.48	75.54	76.76	75.20	74.35
2	75.63	74.06	73.89	72.52	73.59	73.93	75.40	75.42	75.58	76.64	75.25	74.30
3	75.60	73.92	73.76	72.66	73.65	73.86	75.49	75.23	75.66	76.56	75.15	74.27
4	75.55	73.80	73.68	72.86	73.72	73.85	75.43	75.52	75.78	76.41	75.12	74.26
5	75.46	73.78	73.61	73.14	73.81	73.82	75.55	75.53	75.85	76.30	75.04	74.24
6	75.44	73.82	73.59	73.24	73.68	73.64	75.47	75.52	75.85	76.28	74.96	74.27
7	75.41	73.89	73.47	73.44	73.81	73.69	75.49	75.46	75.82	76.27	74.91	74.21
8	75.36	73.88	73.47	73.38	73.76	73.73	75.50	75.43	75.74	76.36	74.92	74.24
9	75.31	73.93	73.46	73.52	73.79	73.59	75.48	75.44	75.64	76.49	74.86	74.34
10	75.27	73.92	73.43	73.58	73.75	73.74	75.47	75.46	75.58	76.62	74.77	74.36
11	75.28	73.97	73.44	73.55	73.60	73.68	75.38	75.47	75.53	76.59	74.76	74.41
12	75.21	74.08	73.41	73.51	73.54	73.78	75.42	75.53	75.49	76.49	74.74	74.49
13	75.11	73.77	73.37	73.48	73.51	73.74	75.37	75.58	75.52	76.38	74.69	74.42
14	75.04	73.73	73.30	73.25	73.59	73.94	75.38	75.67	75.55	76.25	74.65	74.68
15	75.00	74.08	73.21	73.14	73.60	74.19	75.37	75.85	75.62	76.08	74.50	74.70
16	74.85	74.23	73.07	72.99	73.66	73.92	75.37	75.77	75.66	75.88	74.37	74.72
17	74.70	74.48	73.01	72.78	73.60	74.29	75.35	75.73	75.79	75.79	74.37	74.84
18	74.51	74.71	72.81	72.75	73.64	74.47	75.38	75.61	75.92	75.73	74.40	74.94
19	74.54	74.85	72.93	72.63	73.61	74.75	75.39	75.68	76.13	75.71	74.33	75.06
20	74.55	74.91	72.88	72.54	73.65	75.32	75.39	75.84	76.30	75.66	74.34	75.18
21	74.68	74.75	72.73	72.44	73.84	75.65	75.47	75.90	76.31	75.58	74.36	75.24
22	74.79	74.75	72.75	72.44	73.54	75.82	75.44	75.89	76.32	75.54	74.38	75.31
23	74.80	74.57	72.66	72.53	73.73	75.89	75.53	76.07	76.32	75.44	74.37	75.39
24	74.82	74.60	72.53	72.48	73.74	75.79	75.65	76.10	76.39	75.45	74.44	75.44
25	74.82	74.55	72.61	72.48	73.75	75.68	75.51	75.94	76.44	75.33	74.51	75.48
26	74.70	74.55	72.30	72.55	73.77	75.64	75.40	75.90	76.52	75.40	74.55	75.48
27	74.60	74.45	72.38	72.56	73.80	75.60	75.45	75.90	76.67	75.30	74.57	75.38
28	74.49	74.39	72.35	72.66	73.86	75.58	75.42	75.96	76.77	75.33	74.52	75.36
29	74.39	74.29	72.37	72.65	73.86	75.65	75.43	75.69	76.69	75.34	74.50	75.52
30	74.25	74.21	72.41	72.79	---	75.62	75.48	75.60	76.81	75.29	74.44	75.47
31	74.24	---	72.33	73.10	---	75.64	---	75.56	---	75.26	74.38	---
MEAN	74.97	74.24	73.07	72.91	73.68	74.59	75.44	75.67	75.99	75.95	74.66	74.81
MAX	75.63	74.91	74.02	73.58	73.86	75.89	75.65	76.10	76.81	76.76	75.25	75.52
MIN	74.24	73.73	72.30	72.44	73.21	73.59	75.35	75.23	75.49	75.26	74.33	74.21

CAL YR 1975 MEAN 75.48 MAX 76.95 MIN 72.19
WTR YR 1976 MEAN 74.67 MAX 76.81 MIN 72.30

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.

LOCATION.--Lat 33°23'14", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, on right bank 0.6 mi (1.0 km) upstream from bridge on State Highway 45 and 7.0 mi (11.3 km) southwest of Pineville.

PERIOD OF RECORD.--October 1943 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 60.0 ft (18.29 m) above mean sea level (levels by South Carolina Public Service Authority). Auxiliary water-stage recorder 3.9 mi (6.3 km) downstream from base gage.

REMARKS.--Records good. Canal diverts water from Lake Marion to Lake Moultrie for generation of power and for navigation. Water is discharged from powerplant and navigation lock into West Branch Cooper River.

AVERAGE DISCHARGE.--33 years 14,924 ft^3/s (423 m^3/s).

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 40,200 ft^3/s (1,140 m^3/s) Mar. 10, 1952; minimum daily (normal operation), 61 ft^3/s (1.73 m^3/s) Sept. 24, 25, 1956; maximum daily reverse flow, 12,100 ft^3/s (343 m^3/s) Feb. 9, 1947 (caused by unusual operation of gates).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23900	19000	18400	19100	20400	11700	21900	8550	20300	26800	12200	7140
2	22300	19200	17900	19700	22300	12200	22000	8600	19800	26400	11200	7880
3	19700	19100	17200	21400	22600	12400	22200	9000	20000	25300	10200	7490
4	20300	17100	16500	22900	23600	11800	24200	7760	21000	24500	9050	7490
5	20600	15000	16600	23700	23900	11400	24600	8550	22300	23300	9770	7260
6	20000	14500	16300	24900	24400	11100	23700	9360	23100	22800	9840	6740
7	19500	15100	15900	25900	24500	9340	20200	9770	23600	23800	10400	6720
8	19300	16500	15400	27200	24400	9190	17800	8960	23600	24800	10600	6710
9	19800	17000	16200	27200	24400	11400	17700	8440	21700	26200	9660	7480
10	18900	17300	16800	26900	23900	10500	14900	8110	20500	27900	9530	9010
11	19500	17700	16700	26900	23300	10400	12800	9360	18600	29100	10800	7920
12	19200	18200	17400	26900	20700	9010	10700	8570	16400	28900	11300	7200
13	19600	20400	17900	26500	19500	9690	10400	8570	14000	27600	11700	7200
14	19900	20000	18800	25900	18000	9030	10600	8760	12500	26300	11500	5480
15	18100	19300	19100	24800	16200	10800	10700	11100	11000	24800	11500	8010
16	19400	20100	17600	24100	14500	14500	10500	13800	8580	23100	10900	7340
17	18400	21300	17500	23300	15300	17800	10200	15500	9780	19900	8650	7710
18	20900	22800	18100	22400	13100	19200	9920	17900	10200	14600	6780	10400
19	20600	23800	17900	21400	13300	21300	8470	17500	12100	10900	6770	11000
20	20400	24000	19000	20700	12600	24100	8070	17200	13500	11000	7140	10700
21	19700	23700	20000	18900	11900	27500	7680	16700	17500	11200	7190	10800
22	20100	22800	20200	17000	13500	29800	8940	16000	20300	10600	7960	9130
23	20900	21900	19400	16600	13400	30900	8230	11800	22400	10900	7580	6530
24	21800	20900	18900	16500	13400	30000	8180	15200	23400	10600	7540	4370
25	22000	20200	17500	15800	13400	28300	10200	15800	24200	10100	7930	5100
26	21600	19400	15600	13900	13000	23700	9840	12800	25300	8480	8350	8120
27	20600	19500	15800	14000	12900	18400	8160	11500	26300	9700	8410	10200
28	19800	19600	16200	17000	12200	15200	8130	12300	27500	9790	8490	11300
29	19500	19000	16500	17900	11500	12400	7710	16200	27900	10700	9120	11200
30	19400	18800	17500	18700	---	14300	8120	17700	27300	11500	8020	13800
31	18500	---	18000	19100	---	17200	---	19400	---	11800	6770	---
TOTAL	624200	583200	542800	667200	516100	504560	396750	380760	584660	583370	286850	247430
MEAN	20140	19440	17510	21520	17800	16280	13230	12280	19490	18820	9253	8248
MAX	23900	24000	20200	27200	24500	30900	24600	19400	27900	29100	12200	13800
MIN	18100	14500	15400	13900	11500	9010	7680	7760	8580	8480	6770	4370

CAL YR 1975 TOTAL 7824090 MEAN 21440 MAX 37600 MIN 9890
WTR YR 1976 TOTAL 5917880 MEAN 16170 MAX 30900 MIN 4370

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.--Continued

LOCATION.--Lat 33°23'15", long 80°08'25", Berkeley County, Hydrologic Unit 03050201, at auxiliary water-stage recorder 3.9 mi (6.3 km) downstream from base gage, 7.0 mi (11.3 km) southwest of Pineville.

PERIOD OF RECORD.--December 1971 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1973 to current year.
WATER TEMPERATURE: February 1973 to current year.

INSTRUMENTATION.--Servo Programmer since February 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, greater than 162 micromhos June 4, 5, 7, 1974; minimum, 51 micromhos Aug. 4, 1975.
WATER TEMPERATURE: Maximum, 30.5°C Aug. 18, 19, 23, 27, 1975, July 28-31, 1976; minimum, 5.5°C Jan. 19, 20, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 100 micromhos February 6; minimum, 53 micromhos February 17.
WATER TEMPERATURE: Maximum, 30.5°C July 28 - 31; minimum, 5.5°C Jan. 19, 20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976.

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)
OCT.											
15...	0830	22.5	8.1	75	7.5	19	23	4.4	0	5.8	1.2
NOV.											
12...	1000	20.0	7.9	76	7.2	19	23	4.3	0	6.0	2.3
DEC.											
17...	1200	12.5	--	80	7.6	11	14	3.7	0	4.4	.6
JAN.											
14...	1110	9.0	11.0	80	7.2	16	20	4.9	0	6.0	2.0
FEB.											
11...	1000	9.0	11.1	80	7.0	20	24	4.2	0	6.6	3.8
MAR.											
17...	1015	13.5	10.1	80	7.0	18	22	5.9	0	6.3	3.5
APR.											
13...	1300	17.5	9.7	75	7.6	16	20	5.2	0	5.4	.8
MAY											
11...	1430	22.0	8.6	76	7.3	17	21	4.4	0	6.0	1.7
JUNE											
08...	1245	23.0	9.1	81	9.0	16	20	3.6	0	6.5	.0
JULY											
13...	1220	28.5	7.4	86	7.4	16	20	4.5	0	7.8	1.3
AUG.											
10...	1315	28.0	7.1	86	7.0	19	23	3.9	0	7.4	3.7
SEP.											
09...	0845	25.5	6.5	89	6.8	25	31	4.9	0	6.6	7.9

DATE	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	DISSOLVED FLUORIDE (F) (MG/L)	NONCARBONATE HARDNESS (MG/L)	HARDNESS (CA,MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)
OCT.											
15...	B2	B2	.2	0	16	1.3	.40	.34	.06	1.8	.02
NOV.											
12...	ND	21	.5	0	18	1.8	.49	.35	.14	2.2	.02
DEC.											
17...	>1	B13	.2	0	10	.2	.36	.28	.08	1.6	.05
JAN.											
14...	B3	B5	.0	3	19	1.7	.50	.20	.30	2.2	.06
FEB.											
11...	B1	22	--	0	17	1.6	.61	.32	.29	2.7	.05
MAR.											
17...	B14	104	.2	3	21	1.5	.53	.39	.14	2.3	.03
APR.											
13...	B3000	62	.2	2	19	1.4	.46	.39	.07	2.0	.02
MAY											
11...	3	64	.1	0	17	1.5	.34	.34	.00	1.5	.01
JUNE											
08...	<1	50	--	0	13	1.0	.50	.50	.00	2.2	.04
JULY											
13...	B16	57	.1	0	16	1.2	.61	.51	.10	2.7	.03
AUG.											
10...	B11	55	.3	0	15	1.3	.41	.38	.03	1.8	.01
SEP.											
09...	B10	37	.2	0	20	1.9	.43	.40	.03	1.9	.01

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHYTO-PLANK-TON (CELLS PER ML)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SODIUM AD-SORP-TION RATIO	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DIS-SOLVED SULFATE (SO4) (MG/L)	TUR-BID-ITY (JTU)
OCT.											
15...	34000	2.1	44	47	.06	.7	10	6.6	43	5.7	2
NOV.											
12...	4100	2.1	51	49	.07	.7	10	6.5	40	6.2	5
DEC.											
17...	46	.9	28	34	.04	.8	6.3	5.6	52	5.9	2
JAN.											
14...	3400	1.8	60	49	.08	.7	11	7.2	42	6.1	20
FEB.											
11...	3600	1.6	56	50	.08	.8	10	7.4	46	7.1	15
MAR.											
17...	8300	1.6	46	49	.06	.7	7.4	7.1	40	7.6	10
APR.											
13...	10000	1.7	54	44	.07	.7	6.3	7.0	42	6.5	10
MAY											
11...	49000	1.7	57	43	.08	.7	5.3	6.8	43	7.1	4
JUNE											
08...	73000	1.7	49	40	.07	.9	3.9	7.5	52	6.1	10
JULY											
13...	23000	1.8	72	51	.10	.9	9.1	8.5	50	8.2	6
AUG.											
10...	28000	1.7	53	50	.07	.9	9.5	8.1	51	6.9	3
SEP.											
09...	82000	1.7	59	57	.08	.8	11	8.0	44	6.4	2

DATE	TIME	DIS-SOLVED ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)
DEC.												
17...	1200	0	0	0	0	0	0	6.4	0	<10	<10	0
MAR.												
17...	1015	1	0	1	0	0	0	13	0	<10	<10	0
JUNE												
08...	1245	0	--	1	0	1	1	6.1	0	<10	<10	0
SEP.												
09...	0845	0	0	0	1	0	0	3.4	0	<10	<10	0

DATE	SUS-PENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED MAN-GANESE (MN) (UG/L)
DEC.											
17...	0	0	0	2	2	460	50	4	150	150	10
MAR.											
17...	0	0	0	2	2	480	50	0	8	8	30
JUNE											
08...	0	0	1	0	1	270	20	3	8	11	30
SEP.											
09...	0	0	2	0	1	190	10	3	15	18	60

DATE	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC.											
17...	10	0	.0	.1	.1	0	0	0	0	20	20
MAR.											
17...	30	0	.1	.0	.1	0	0	0	0	20	20
JUNE											
08...	30	0	.3	--	.4	0	--	0	10	40	50
SEP.											
09...	60	0	.2	.0	.2	0	0	0	20	20	40

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
15...	0830	18100	6	332	100
NOV.					
12...	1000	18200	4	216	100
DEC.					
17...	1200	17500	7	369	100
JAN.					
14...	1110	25900	9	678	100
FEB.					
11...	1000	23000	10	646	100
MAR.					
17...	1015	17800	20	980	100
APR.					
13...	1300	10400	12	337	100
MAY					
11...	1430	9360	6	152	100
JUNE					
08...	1245	23600	10	675	100
JULY					
13...	1220	27600	8	626	100
AUG.					
10...	1315	9530	5	144	100
SEP.					
09...	0845	7480	4	85	100

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	67	62	65	80	79	79	82	76	79	75	74	74
2	63	57	59	80	79	79	76	73	75	75	74	74
3	68	58	63	81	79	80	75	72	74	75	74	74
4	91	63	75	82	80	81	75	73	74	77	74	75
5	84	74	78	83	81	82	74	71	72	76	74	75
6	100	79	90	84	82	83	76	73	74	76	74	75
7	98	77	85	84	83	83	77	75	76	76	75	76
8	74	62	66	84	82	83	78	75	76	77	76	76
9	70	62	65	83	82	83	78	76	77	76	75	76
10	78	68	72	83	83	83	77	73	75	76	74	76
11	82	69	75	84	82	83	72	70	71	76	75	76
12	85	77	82	84	83	83	70	69	70	76	74	75
13	75	65	70	84	83	83	74	70	72	77	74	76
14	79	72	75	83	82	83	75	73	74	77	75	76
15	79	62	69	82	81	82	75	73	74	79	76	77
16	64	59	62	81	80	81	74	73	73	76	76	76
17	61	53	56	81	81	81	76	73	74	77	76	76
18	75	65	72	83	81	82	74	72	73	78	76	77
19	74	73	74	83	82	82	79	72	74	79	78	79
20	75	74	74	83	82	82	78	73	74	79	77	78
21	77	75	76	82	81	82	77	74	75	79	78	79
22	77	77	77	82	82	82	74	72	73	86	79	82
23	77	75	76	82	81	81	77	72	75	89	86	88
24	77	76	76	84	82	82	74	70	72	89	76	82
25	78	77	77	82	82	82	73	71	72	77	75	76
26	79	77	78	83	82	82	74	71	72	79	76	77
27	79	78	79	83	82	83	81	72	77	78	76	77
28	80	79	79	83	82	83	79	73	76	77	76	77
29	80	79	80	82	82	82	74	73	73	77	76	76
30	---	---	---	82	82	82	75	74	74	77	76	77
31	---	---	---	82	81	82	---	---	---	78	77	78
MONTH	100	53	73	84	79	82	82	69	74	89	74	77

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	79	77	79	88	87	87	87	85	86	93	85	88
2	80	78	79	89	86	87	88	84	86	91	85	88
3	80	79	80	90	86	87	90	86	88	90	85	87
4	80	79	79	89	86	87	93	88	90	89	85	87
5	80	79	79	88	86	87	91	83	87	89	85	87
6	79	79	79	88	86	87	86	83	84	88	85	86
7	80	79	79	87	85	86	87	83	85	89	84	87
8	81	80	80	87	86	87	85	83	84	90	85	87
9	81	81	81	88	87	87	85	83	84	90	84	86
10	82	80	81	89	87	88	84	83	83	85	83	84
11	82	80	81	88	87	87	86	82	84	87	84	85
12	81	80	81	88	87	87	84	83	83	91	84	85
13	82	81	81	88	87	87	84	83	83	90	85	87
14	82	80	81	88	87	87	85	83	84	86	83	85
15	82	81	81	88	86	87	84	83	84	95	84	88
16	84	81	83	88	87	87	84	82	83	96	87	92
17	84	80	82	89	86	87	87	83	84	93	83	87
18	82	80	81	90	87	88	85	82	84	85	82	83
19	81	80	81	91	89	90	86	82	84	83	82	83
20	82	80	81	93	88	90	84	83	84	83	82	82
21	81	80	80	91	88	89	88	82	85	83	82	83
22	82	80	81	90	87	88	89	83	85	85	83	83
23	82	80	81	90	87	89	85	81	82	87	83	85
24	83	81	82	89	88	89	85	81	82	87	83	85
25	84	82	83	91	88	89	86	82	83	88	83	85
26	86	83	84	92	88	90	85	82	83	87	83	85
27	87	84	85	91	88	89	86	82	83	85	83	84
28	87	85	86	90	88	88	86	82	83	84	83	83
29	89	85	86	89	87	88	85	82	83	86	83	85
30	89	85	87	89	86	88	88	81	84	83	82	83
31	---	---	---	88	85	87	89	81	85	---	---	---
MONTH	89	77	81	93	85	88	93	81	84	96	82	86
YEAR	100	53	80									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02170500 LAKES MARION-MOULTRIE DIVERSION CANAL NEAR PINEVILLE, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

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

02171000 LAKE MARION NEAR PINEVILLE, S.C.

LOCATION.--Lat 33°27'00", long 80°09'50", Berkeley County, Hydrologic Unit 03050111, at right upstream end of spillway, 2.8 mi (4.5 km) upstream from old Santee Canal, 5.4 mi (8.7 km) upstream from Dead River, and 8.0 mi (12.9 km) west of Pineville.

DRAINAGE AREA.--14,700 mi^2 (38,100 km^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 at mean sea level (levels by Harza Engineering Co.). Prior to May 6, 1942, nonrecording gage at same site and datum.

REMARKS.--Lake is formed by earth dam. Storage began in November 1941; dam completed in 1941. Usable capacity, 47,930,000,000 ft^3 (1,357,000,000 m^3) between elevations 60.0 ft (18.29 m) (limit of drawdown) and 76.8 ft (23.41 m) (maximum normal lake elevation). Dead storage, about 15,250,00,000 ft^3 (431,900,000 m^3). Figures given herein represent usable contents. Elevation of spillway crest 63.0 ft (19.20 m); top of spillway gates, 76.8 ft (23.41 m). 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 navigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 77.35 ft (23.576 m) Feb. 28, 1964 (distorted due to high westerly winds); minimum, 61.36 ft (18.703 m) Oct. 17, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 77.02 ft (23.476 m) June 30 (distorted due to high westerly winds); minimum, 72.25 (22.022 m) Dec. 30.

Capacity table (elevation, in feet and meters), and usable contents, (in billions of cubic feet and millions of cubic meters)
(Prepared from volume curve drawn by Harza Engineering Co.)

71.0 ft (21.64 m)	24.31 ft^3 (688.5 m^3)
72.0 ft (21.95 m)	27.75 ft^3 (785.9 m^3)
74.0 ft (22.56 m)	35.41 ft^3 (1,003.0 m^3)
76.0 ft (23.16 m)	44.13 ft^3 (1,250.0 m^3)
77.0 ft (23.47 m)	48.88 ft^3 (1,384.0 m^3)

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75.63	74.10	74.01	72.34	73.25	73.87	75.50	75.50	75.46	76.70	75.17	74.31
2	75.57	74.03	73.88	72.36	73.28	73.86	75.41	75.52	75.53	76.64	75.23	74.26
3	75.58	73.89	73.76	72.49	73.45	73.85	75.40	75.53	75.66	76.53	75.17	74.28
4	75.61	73.82	73.68	72.51	73.54	73.78	75.43	75.44	75.73	76.40	75.12	74.30
5	75.57	73.80	73.61	72.68	73.60	73.75	75.41	75.50	75.72	76.28	75.04	74.27
6	75.50	73.77	73.56	72.89	73.69	73.71	75.43	75.47	75.76	76.25	74.95	74.23
7	75.40	73.81	73.52	73.10	73.63	73.67	75.43	75.47	75.75	76.25	74.87	74.22
8	75.43	73.86	73.48	73.30	73.68	73.60	75.47	75.43	75.72	76.25	74.95	74.26
9	75.36	73.85	73.52	73.27	73.62	73.59	75.42	75.40	75.61	76.34	74.86	74.32
10	75.28	73.86	73.43	73.29	73.59	73.54	75.45	75.39	75.56	76.47	74.77	74.34
11	75.25	73.84	73.40	73.33	73.52	73.57	75.42	75.51	75.52	76.53	74.77	74.44
12	75.20	73.92	73.37	73.31	73.44	73.68	75.37	75.47	75.49	76.50	74.74	74.46
13	75.20	74.01	73.33	73.26	73.42	73.87	75.37	75.52	75.45	76.37	74.68	74.40
14	75.13	73.92	73.25	73.17	73.40	73.93	75.38	75.53	75.47	76.25	74.61	74.69
15	75.03	73.92	73.12	73.01	73.48	74.05	75.36	75.70	75.52	76.09	74.53	74.69
16	74.88	74.05	73.03	72.90	73.54	74.37	75.34	75.71	75.57	75.93	74.42	74.75
17	74.88	74.22	73.07	72.80	73.51	74.26	75.36	75.69	75.78	75.79	74.35	74.86
18	74.72	74.45	72.97	72.63	73.59	74.32	75.31	75.67	75.89	75.72	74.34	74.95
19	74.60	74.63	72.87	72.56	73.59	74.48	75.33	75.69	76.01	75.65	74.29	75.06
20	74.48	74.73	72.89	72.49	73.58	74.84	75.34	75.80	76.15	75.59	74.36	75.18
21	74.48	74.83	72.85	72.45	73.62	75.31	75.38	75.87	76.18	75.55	74.46	75.28
22	74.50	74.67	72.74	72.44	73.76	75.59	75.46	75.87	76.23	75.45	74.45	75.34
23	74.60	74.69	72.60	72.41	73.64	75.68	75.51	75.97	76.24	75.42	74.42	75.39
24	74.71	74.58	72.45	72.40	73.63	75.67	75.53	76.01	76.25	75.41	74.38	75.44
25	74.73	74.52	72.34	72.39	73.67	75.61	75.60	75.89	76.32	75.37	74.46	75.47
26	74.70	74.47	72.46	72.46	73.74	75.53	75.48	75.86	76.40	75.34	74.54	75.48
27	74.57	74.45	72.36	72.68	73.78	75.56	75.45	75.80	76.55	75.34	74.55	75.42
28	74.45	74.33	72.30	72.61	73.80	75.57	75.40	75.72	76.66	75.32	74.51	75.36
29	74.36	74.24	72.26	72.63	73.85	75.59	75.38	75.69	76.70	75.32	74.52	75.46
30	74.23	74.11	72.33	72.67	---	75.58	75.43	75.60	76.74	75.30	74.37	75.53
31	74.11	---	72.52	72.81	---	75.58	---	75.50	---	75.27	74.35	---
MAX	75.63	74.83	74.01	73.33	73.85	75.68	75.60	76.01	76.74	76.70	75.23	75.53
MIN	74.11	73.77	72.26	72.34	73.25	73.54	75.31	75.39	75.45	75.27	74.29	74.22
(†)	35.88	35.88	29.67	30.75	34.82	42.24	41.57	41.88	47.64	40.85	36.89	42.02
(‡)	-2,427	0	-2,319	403	1,624	2,770	-258	116	2,222	-2,535	-1,479	1,979

CAL YR 1975 # -11 MAX 76.79 MIN 72.21
WTR YR 1976 # -11 MAX 76.74 MIN 72.26

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

02171500 SANTEE RIVER NEAR PINEVILLE, S.C.
(National stream-quality accounting network station)
(Radiochemical program station)

LOCATION.--Lat 33°27'15", long 80°09'25", Berkeley County, Hydrologic Unit 03050112, on right bank 2.4 mi (3.9 km) downstream from Lake Marion Dam, 3.0 mi (4.8 km) upstream from Dead River, 6.7 mi (10.8 km) west of Pineville, and at mile 85.0 (136.8 km).

DRAINAGE AREA.--14,700 mi^2 (38,100 km^2), approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORDS.--April 1942 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.00 ft (7.010 m) above mean sea level (levels by South Carolina Public Service Authority). Prior to Feb. 25, 1943, nonrecording gage at site 2.2 mi (3.5 km) upstream or temporary water-stage recorder operated by Corps of Engineers, at site 200 ft (60 m) upstream, at different datum.

REMARKS.--Records good. 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 basin. Seepage from north dike of Lake Marion Dam bypasses station via Little River. Results of discharge measurements, in cubic feet per second and cubic meters per second, of Little River, just below dam, made during water year 1976 are given below.

Dec. 9 - 22.1 ft^3/s (0.63 m^3/s)
Mar. 8 - 20.0 ft^3/s (0.57 m^3/s)
Apr. 8 - 21.7 ft^3/s (0.61 m^3/s)
July 14 - 23.7 ft^3/s (0.67 m^3/s)

AVERAGE DISCHARGE.--34 years, 2,229 ft^3/s (63.13 m^3/s), 2.06 in/yr (52 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155,000 ft^3/s (4,390 m^3/s) Sept. 23, 1945, gage height, 31.1 ft (9.48 m), from floodmarks), from rating curve extended above 13,000 ft^3/s (368 m^3/s) by computation of flow over spillway at Lake Marion; minimum daily, 9.0 ft^3/s (0.25 m^3/s) Feb. 23, 1947 (caused by repair work at spillway).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,340 ft^3/s (66.3 m^3/s) May 8, gage height, 6.49 ft (1.978 m), minimum daily, 488 ft^3/s (13.8 m^3/s) Sept. 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	596	580	574	594	614	544	845	548	510	1430	508	504
2	596	574	558	582	742	546	650	538	524	1070	510	500
3	604	576	570	572	564	544	550	610	518	936	516	500
4	602	574	574	582	574	590	602	580	524	1190	514	502
5	598	580	574	578	568	540	562	542	528	800	512	500
6	592	578	572	570	568	554	544	526	522	805	520	500
7	594	580	572	574	586	550	546	522	518	720	518	500
8	600	576	582	582	580	552	602	530	516	712	514	496
9	596	576	584	586	572	572	560	532	514	722	508	488
10	596	578	588	578	590	554	540	526	512	695	514	496
11	594	576	584	574	582	548	590	528	508	785	508	500
12	592	574	576	570	574	550	544	524	508	1080	500	498
13	590	612	574	576	562	552	538	528	506	1050	498	498
14	590	665	572	570	572	558	546	522	510	588	500	510
15	588	592	572	578	580	556	542	528	512	552	498	506
16	584	566	574	578	560	638	540	524	508	530	492	498
17	586	574	580	586	556	665	538	524	518	554	504	496
18	590	570	592	588	572	550	536	992	514	516	508	496
19	600	570	598	572	570	548	536	682	516	518	510	498
20	604	574	588	568	574	550	562	540	528	516	520	500
21	584	598	594	582	574	562	662	564	510	532	518	512
22	580	618	600	582	576	556	612	522	518	526	512	502
23	580	586	582	576	584	560	566	524	512	514	510	502
24	580	596	586	572	560	556	536	562	510	514	506	500
25	578	574	592	578	534	540	592	528	508	506	504	500
26	584	572	584	582	556	546	767	526	538	506	508	500
27	584	566	580	588	556	544	554	522	584	512	510	508
28	580	566	578	588	558	542	546	524	616	512	514	498
29	574	576	576	566	554	542	544	520	1090	514	512	498
30	578	574	574	570	---	540	542	514	1480	518	504	518
31	582	---	570	582	---	538	---	512	---	516	504	---
TOTAL	18276	17471	17974	17924	16712	17287	17394	17164	17180	21439	15774	15024
MEAN	590	582	580	578	576	558	580	554	573	692	509	501
MAX	604	665	600	594	742	665	845	992	1480	1430	520	518
MIN	574	566	558	566	534	538	536	512	506	506	492	488

CAL YR 1975 TOTAL 1758012 MEAN 4816 MAX 83100 MIN 421
WTR YR 1976 TOTAL 209619 MEAN 573 MAX 1480 MIN 488

02171500 SANTEE RIVER NEAR PINEVILLE, S.C.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1951 to September 1952, January 1966 to September 1971, July 1972 to July 1973, January 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)
OCT.							
14...	1245	23.5	7.3	79	7.4	.40	.30
NOV.							
11...	1430	20.0	6.9	76	7.1	.50	.34
DEC.							
16...	1450	16.0	9.6	79	7.4	.39	.28
JAN.							
13...	1330	7.0	12.6	88	7.2	.36	.18
FEB.							
11...	1045	9.0	11.5	85	7.0	.57	.42
MAR.							
16...	1400	16.0	9.4	66	7.1	.50	.36
APR.							
13...	1210	18.0	10.2	79	7.2	.43	.35
MAY							
11...	1330	22.0	8.2	79	7.4	.31	.30
JUNE							
08...	1145	23.0	8.6	80	8.2	.40	.40
JULY							
13...	1130	29.0	7.7	89	7.9	.43	.38
AUG.							
10...	1220	28.0	6.6	89	6.9	.40	.36
SEP.							
09...	0945	25.0	6.0	89	6.8	.34	.27

DATE	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.						
14...	.10	1.8	.03	14000	20	63
NOV.						
11...	.16	2.2	.03	12000	86	176
DEC.						
16...	.11	1.7	.02	2700	82	35
JAN.						
13...	.18	1.6	.05	5800	>1	>1
FEB.						
11...	.15	2.5	.03	16000	81	82
MAR.						
16...	.14	2.2	.04	3700	8218	82400
APR.						
13...	.08	1.9	.03	22000	84	24
MAY						
11...	.01	1.4	.01	10000	0	61
JUNE						
08...	.00	1.8	.03	73000	81	814
JULY						
13...	.05	1.9	.03	240000	62	100
AUG.						
10...	.04	1.8	.01	35000	82	20
SEP.						
09...	.07	1.5	.01	28000	810	61

DATE	TIME	ALKALINITY AS CACO3 (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)
DEC.												
16...	1450	19	0	0	0	23	0	0	0	4.8	4.4	1.5
MAR.												
16...	1400	21	0	1	1	26	0	0	0	4.3	5.0	3.3
JUNE												
08...	1145	21	0	--	1	25	0	1	1	4.0	3.5	.3
SEP.												
09...	0945	21	0	0	0	25	0	2	2	5.2	2.2	6.3

02171500 SANTEE RIVER NEAR PINEVILLE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	SUSPENDED CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	SUSPENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	SUSPENDED COPPER (CU) (UG/L)	TOTAL COPPER (CU) (UG/L)	DISSOLVED FLUORIDE (F) (MG/L)
DEC. 16...	0	6.2	0	<10	<10	0	0	0	1	0	1	.6
MAR. 16...	0	6.8	0	<10	<10	0	0	0	0	0	0	.2
JUNE 08...	0	6.6	1	9	10	0	0	0	1	0	1	--
SEP. 09...	0	6.8	0	<10	<10	0	0	0	2	0	1	.2

DATE	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	SUSPENDED MANGANESE (MN) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)
DEC. 16...	17	0	300	50	5	0	5	1.1	10	20	10	.0
MAR. 16...	19	0	720	80	8	0	8	1.9	70	70	0	.0
JUNE 08...	14	0	220	20	5	3	8	1.0	30	30	0	.3
SEP. 09...	21	0	240	20	3	4	7	1.9	40	70	30	.1

DATE	SUSPENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	UNCORRECTED PERIPHYTON CHLOROPHYLL B MG/SQ M	UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	DISSOLVED POTASSIUM (K) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	DISSOLVED SOLIDS (TONS PER AC-FT)	SODIUM ADSORPTION RATIO
DEC. 16...	.0	.0	2.10	20.0	21.0	26.0	2.1	70	51	119	.10	.8
MAR. 16...	.0	.0	2.60	34.0	13.0	16.0	1.6	52	49	88.9	.07	.7
JUNE 08...	--	.3	.576	6.69	6.08	7.92	1.7	49	44	72.4	.07	.9
SEP. 09...	.0	.1	3.58	24.0	42.4	48.8	1.7	51	54	68.9	.07	.8

DATE	DISSOLVED SELENIUM (SE) (UG/L)	SUSPENDED SELENIUM (SE) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DISSOLVED SULFATE (SO4) (MG/L)	TURBIDITY (JTU)	DISSOLVED ZINC (ZN) (UG/L)	SUSPENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC. 16...	0	0	0	10	7.4	46	7.2	4	0	10	10
MAR. 16...	0	0	0	7.8	6.8	42	6.6	6	0	10	10
JUNE 08...	0	--	0	4.5	7.6	50	6.1	6	0	10	10
SEP. 09...	0	0	0	11	8.0	43	6.9	2	0	20	20

DATE	TIME	DISSOLVED RA-226 (RADON METHOD) (PC/L)	DISSOLVED URANIUM (U) (UG/L)	DISSOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUSPENDED GROSS ALPHA AS U-NAT. (UG/L)	DISSOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUSPENDED GROSS BETA AS SR90 /Y90 (PC/L)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NONFILTRABLE RESIDUE (MG/L)
NOV. 11...	1430	.02	.03	<.6	<.4	2.4	<.4	3.4	<.4	55	5
JUNE 08...	1145	.02	.03	.8	<.4	2.1	<.4	2.7	<.4	47	4

02171500 SANTEE RIVER NEAR PINEVILLE, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
14...	1245	699	4	9.1	100
NOV.					
11...	1430	659	3	5.7	100
DEC.					
16...	1450	627	2	4.7	100
JAN.					
13...	1330	630	4	7.5	100
FEB.					
11...	1045	648	10	19	100
MAR.					
16...	1400	633	12	21	100
APR.					
13...	1210	589	8	13	100
MAY					
11...	1330	550	4	5.9	100
JUNE					
08...	1145	547	7	10	100
JULY					
13...	1130	1530	10	41	100
AUG.					
10...	1220	541	5	7.3	100
SEP.					
09...	0945	500	4	5.7	100

02171620 CRAWL CREEK NEAR PINEVILLE, S.C.

LOCATION.--Lat 33°26'18", long 79°59'47", Berkeley County, Hydrologic Unit 03050112, at bridge on State Highway 6, 1.0 mi (1.6 km) upstream from U.S. Highway 52, 2.5 mi (4.0 km) east of Pineville, and at mile 3.1 (5.0 km).

PERIOD OF RECORD.--Water years 1975 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
NOV.					
03...	1145	14.0	4.9	260	7.3
26...	1120	9.5	5.0	140	7.3
DEC.					
29...	1205	7.0	7.1	230	6.2
JAN.					
29...	1130	7.0	8.2	132	7.0
FEB.					
24...	1205	10.0	5.5	150	6.5
MAR.					
31...	1125	20.0	1.6	280	7.2
APR.					
29...	1150	15.0	2.1	240	6.9
MAY					
27...	1110	18.5	3.8	195	6.2
JUNE					
23...	1040	21.0	5.7	76	6.4
JULY					
29...	1100	25.0	.7	190	6.6
AUG.					
30...	1030	23.0	2.1	240	6.9
SEP.					
16...	1115	20.0	1.1	300	6.9

DATE	TIME	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	INSTANTANEOUS DISCHARGE (CFS)	TOTAL NONFILTRABLE RESIDUE (MG/L)	TURBIDITY (MG/L)
NOV.											
03...	1145	11	8.0	300	550	60	0	--	1.9	5	9
26...	1120	51	30	830	1500	100	0	--	1.4	15	14
DEC.											
29...	1205	8.5	42	490	730	120	0	--	4.1	1	6
JAN.											
29...	1130	--	18	400	950	60	0	60	1.1	9	12
FEB.											
24...	1205	--	18	920	1300	80	0	80	6.3	12	11
MAR.											
31...	1125	.0	18	990	1500	100	0	--	4.2	16	9
APR.											
29...	1150	>50	8.1	560	1300	120	10	130	2.2	62	27
MAY											
27...	1110	>40	30	650	1000	130	0	--	8.6	4	8
JUNE											
23...	1040	12	21	530	1100	100	0	--	15	16	16
JULY											
29...	1100	>50	22	2500	2700	270	0	--	3.8	6	9
AUG.											
30...	1030	12	8.5	450	910	130	0	--	3.4	2	14
SEP.											
16...	1115	6.0	17	590	1000	100	0	100	4.6	8	12

02171650 SANTEE RIVER BELOW ST. STEPHENS, S.C.

LOCATION.--Lat 33°24'05", long 79°51'20", Berkeley County, Hydrologic Unit 03050112, on right bank, 600 ft (180 m) downstream from Mattassee Lake, on Tract 13P of Francis Marion National Forest, 3.9 mi (6.3 km) east of St. Stephens, and at mile 52.0 (83.7 km).

DRAINAGE AREA.--14,900 mi^2 (38,600 km^2), approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.23 ft (.070 m) above mean sea level (revised).

REMARKS.--Records good.

AVERAGE DISCHARGE.--10 years, 2,622 ft^3/s (74.26 m^3/s), 2.39 in/yr (61 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 98,900 ft^3/s (2,800 m^3/s) Mar. 21, 22, 1975, gage height, 29.67 ft (9.043 m); minimum daily, 491 ft^3/s (13.91 m^3/s) Aug. 2, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,150 ft^3/s (60.9 m^3/s) July 1, 2, gage height, 9.00 ft (2.743 m); minimum daily, 568 ft^3/s (16.1 m^3/s) Oct. 31.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	596	574	596	668	720	629	649	651	718	2090	652	625
2	595	574	591	673	880	624	828	643	722	2040	673	625
3	585	574	581	669	900	624	741	631	752	1730	672	621
4	582	580	582	648	700	624	649	691	800	1580	666	620
5	582	579	592	636	650	619	666	668	797	1670	690	620
6	582	578	596	633	640	617	651	635	801	1420	700	621
7	582	589	599	625	660	617	628	623	758	1440	710	617
8	590	597	603	688	660	614	618	612	716	1590	710	619
9	620	588	609	722	650	621	610	623	700	1680	700	604
10	599	589	624	729	650	631	621	631	684	1520	680	588
11	589	588	626	724	680	618	614	630	673	1300	660	589
12	589	589	622	702	686	610	646	652	668	1260	650	592
13	589	603	607	681	667	640	622	650	666	1450	660	580
14	589	618	603	676	648	638	605	706	654	1340	650	575
15	589	650	603	660	645	641	614	715	657	939	660	632
16	584	610	603	659	645	704	613	760	668	821	670	640
17	588	585	603	657	645	851	610	762	667	760	660	636
18	595	585	617	652	636	871	610	772	702	746	670	624
19	584	589	624	652	655	784	603	1080	719	708	680	618
20	587	589	624	645	659	743	604	955	785	696	690	611
21	595	589	624	638	654	716	634	751	928	777	680	610
22	584	607	614	630	652	707	721	722	1160	763	660	620
23	582	622	610	630	652	691	694	698	1260	716	640	618
24	583	604	610	640	652	680	649	783	1200	678	630	617
25	581	603	605	640	648	680	618	887	1080	672	628	617
26	582	592	603	650	634	670	677	950	978	663	625	617
27	587	591	689	660	631	645	792	936	1010	681	625	618
28	584	591	596	660	631	645	659	869	1330	681	630	624
29	578	587	589	640	631	637	625	827	1580	670	628	624
30	573	591	591	640	---	638	631	777	1910	666	636	624
31	568	---	645	650	---	633	---	746	---	658	623	---
TOTAL	18193	17805	18881	20477	19461	20662	19502	23036	26743	34405	20508	18446
MEAN	587	594	609	661	671	667	650	743	891	1110	662	615
MAX	620	650	689	729	900	871	828	1080	1910	2090	710	640
MIN	568	574	581	625	631	610	603	612	654	658	623	575

CAL YR 1975 TOTAL 2605277 MEAN 7138 MAX 97300 MIN 568
WTR YR 1976 TOTAL 258119 MEAN 705 MAX 2090 MIN 568

02171650 SANTEE RIVER BELOW ST. STEPHENS S.C.--Continued

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)
NOV.					
03...	1100	18.0	8.9	81	7.5
26...	1040	11.5	10.4	85	7.1
DEC.					
29...	1045	7.0	10.4	90	6.7
JAN.					
29...	1035	7.5	8.7	111	7.1
FEB.					
24...	1130	11.5	9.6	100	6.8
MAR.					
31...	1030	20.0	7.9	93	7.1
APR.					
29...	1110	20.0	8.3	80	7.1
MAY					
27...	1030	19.0	7.0	85	6.6
JUNE					
23...	0945	21.0	6.3	62	6.5
JULY					
29...	1010	29.0	7.0	98	7.0
AUG.					
30...	0945	27.0	7.4	98	7.2
SEP.					
16...	1030	23.0	7.4	95	6.9

DATE	TIME	BIOCHEMICAL OXYGEN DEMAND 5 DAY (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	DISSOLVED IRON (FE) (UG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	SUSPENDED MANGANESE (MN) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	INSTANTANEOUS DISCHARGE (CFS)	TOTAL NONFILTRABLE RESIDUE (MG/L)	TURBIDITY (MG/L)
NOV.											
03...	1100	1.0	4.4	250	790	70	10	80	568	1	3
26...	1040	3.5	3.8	60	540	100	0	--	799	1	3
DEC.											
29...	1045	3.0	5.2	330	630	40	20	60	589	1	4
JAN.											
29...	1035	--	11	500	1500	60	0	--	631	5	17
FEB.											
24...	1130	--	5.6	1000	2000	110	0	--	652	4	12
MAR.											
31...	1030	2.0	4.4	450	1100	160	10	170	631	4	5
APR.											
29...	1110	1.0	3.2	180	690	130	40	170	624	4	5
MAY											
27...	1030	9.0	7.6	960	2100	110	30	140	946	15	12
JUNE											
23...	0945	12	16	540	2000	110	10	120	1050	26	15
JULY											
29...	1010	7.0	2.8	380	910	140	0	--	666	5	5
AUG.											
30...	0945	4.5	7.1	190	660	80	30	110	638	4	3
SEP.											
16...	1030	1.5	.8	130	620	60	40	100	631	4	5

02171680 WEDBOO CREEK NEAR JAMESTOWN, S.C.

LOCATION.--Lat 33°19'50", long 79°48'10", Berkeley County, Hydrologic Unit 03050112, on right downstream wingwall of culvert on S.C. Highway 45, 1.4 mi (2.3 km) southeast of Alvin, 3.3 mi (5.3 km) upstream from mouth and 7.5 mi (12.1 km) northwest of Jamestown.

DRAINAGE AREA.--17.4 mi^2 (45.1 km^2).

PERIOD OF RECORD.--September 1966 to Feb. 1972, Feb. 1973 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 20 ft (6.1 m) (from topographic map).

REMARKS.--Records good, except below 10 ft^3/s (0.28 m^3/s), which are poor.

AVERAGE DISCHARGE.--8 years, 10.1 ft^3/s (0.286 m^3/s), 7.91 in/yr (201 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 928 ft^3/s (26.3 m^3/s) Aug. 26, 1971, gage height, 5.96 ft (1.817 m); maximum gage-height, 8.82 ft (2.688 m) (caused by backwater). No flow for many days during water year 1966-69, Aug. 14, 1973, Oct. 27 - Nov. 7, 1974.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 100 ft^3/s (2.83 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
July 8	0315	*127	3.60	*3.98	1.213

No flow many days in July, Aug., and Sept.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	1.4	1.7	15	12	3.2	2.8	2.0	1.6	31	0	0
2	2.1	1.4	1.7	8.9	20	3.1	2.5	1.4	1.5	28	.72	0
3	1.9	1.3	1.6	6.5	21	2.9	2.3	1.1	2.9	20	2.0	0
4	1.9	1.3	1.5	5.3	17	2.9	2.2	.96	4.4	12	.88	0
5	1.8	1.2	1.5	4.3	14	2.9	2.1	.32	3.0	28	.40	0
6	1.8	1.2	1.5	3.5	12	3.1	1.9	.80	2.2	51	.16	0
7	1.8	1.2	1.5	3.3	10	2.9	1.8	.88	1.7	94	0	0
8	2.1	1.5	2.2	20	8.0	2.7	1.8	1.0	1.4	115	3.0	0
9	2.7	1.4	2.2	14	7.0	4.5	1.8	.96	1.2	78	7.2	0
10	2.2	1.3	2.1	10	5.9	4.4	1.6	.56	1.1	46	1.5	0
11	2.0	1.2	1.7	7.0	5.6	3.5	1.6	.88	1.0	35	.88	0
12	1.9	.88	1.5	6.0	5.0	3.1	1.5	1.0	1.0	28	.56	0
13	1.9	2.2	1.4	5.0	4.5	6.3	1.4	.80	.80	19	.32	0
14	1.9	2.0	1.4	4.0	4.1	7.8	1.4	.96	.72	11	.24	3.1
15	1.9	1.7	1.4	3.5	3.8	6.3	1.4	1.4	.48	6.2	.24	6.5
16	1.9	1.6	1.5	3.5	3.5	19	1.4	1.7	.64	3.4	.08	1.5
17	2.2	1.6	2.4	3.0	3.4	38	1.3	1.1	.80	2.2	0	.72
18	5.3	1.5	4.0	3.0	3.4	29	1.3	2.2	.72	1.9	0	.32
19	2.7	1.5	2.2	2.5	5.4	21	1.2	1.4	.48	1.8	0	.08
20	2.1	1.5	1.7	2.5	5.4	16	1.1	1.0	2.4	1.4	1.1	0
21	1.9	1.6	1.6	2.5	4.4	12	1.0	.72	8.4	1.1	3.2	.08
22	1.8	1.5	1.4	2.4	5.7	9.5	1.0	.88	19	.80	1.5	.08
23	1.7	1.8	1.3	2.3	8.4	7.7	.96	3.8	42	.56	.96	0
24	1.8	2.2	1.3	2.3	6.5	6.2	.88	35	59	.40	.56	0
25	2.4	1.9	1.4	2.2	5.3	5.3	.88	24	48	.32	.32	0
26	2.0	1.8	14	2.9	4.5	4.7	.88	9.6	28	.24	.08	0
27	1.8	1.8	7.8	15	4.0	4.1	.80	6.3	17	.24	0	0
28	1.8	1.7	4.1	27	3.8	3.8	.72	4.1	75	.08	0	0
29	1.7	1.6	3.0	20	3.4	3.4	.80	3.4	68	.08	0	.16
30	1.5	1.6	3.4	15	---	3.2	.96	2.6	43	0	0	.16
31	1.4	---	9.3	12	---	2.9	---	2.0	---	0	0	---
TOTAL	64.1	46.38	85.3	234.4	217.0	245.4	43.28	114.82	437.44	616.72	25.90	12.70
MEAN	2.07	1.55	2.75	7.56	7.48	7.92	1.44	3.70	14.6	19.9	.84	.42
MAX	5.3	2.2	14	27	21	38	2.8	35	75	115	7.2	6.5
MIN	1.4	.88	1.3	2.2	3.4	2.7	.72	.32	.48	0	0	0
CFSM	.12	.09	.16	.43	.43	.46	.08	.21	.84	1.14	.05	.02
IN.	.14	.10	.18	.50	.46	.52	.09	.25	.94	1.32	.06	.03

CAL YR 1975 TOTAL 5504.88 MEAN 15.1 MAX 246 MIN .88 CFSM .87 IN 11.77
WTR YR 1976 TOTAL 2143.44 MEAN 5.86 MAX 115 MIN 0 CFSM .34 IN 4.58

02172000 LAKE MOULTRIE NEAR PINOPOLIS, S.C.

LOCATION.--Lat 33°14'40", long 79°59'30", Berkeley County, Hydrologic Unit 03050201, at powerplant 0.7 mi (1.1 km) upstream from Seaboard Coast Line Railroad bridge and 2.8 mi (4.5 km) northeast of Pinopolis.

PERIOD OF RECORD.--January 1942 to current year. Prior to October 1942, published as Pinopolis Reservoir near Pinopolis.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by South Carolina Public Service Authority). Prior to May 16, 1942 and Feb. 25 to Dec. 14, 1970, nonrecording gage and May 17, 1942 to Sept. 30, 1963, water-stage recorder at same site at datum 0.25 ft (.076 m) 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 (939,400,000 m^3) between elevation 60.0 ft (18.29 m) (normal limit of drawdown) and 76.8 ft (23.41 m) (maximum normal elevation). Dead storage, about 19,600,000,000 ft^3 (555,100,000 m^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 (.076 m) 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 (23.229 m) Oct. 14, 1959 (affected by high wind); minimum, 58.52 ft (17.837 m) Dec. 21. 1951.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 75.63 ft (23.052 m) May 24; minimum, 69.95 ft (21.321 m) Jan. 6

Capacity table (elevation, in feet and meters) and usable contents (in billions of cubic feet and millions of cubic meters)
(Prepared from volume curve drawn by Harza Engineering Co.)

68.0 ft (20.73 m)	12.37 ft^3 (350.3 m^3)
70.0 ft (21.34 m)	16.47 ft^3 (466.4 m^3)
72.0 ft (21.95 m)	20.91 ft^3 (592.2 m^3)

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.37	73.04	73.06	70.85	71.53	73.28	74.44	75.18	74.50	75.32	74.71	73.99
2	74.70	72.96	72.95	70.56	71.56	73.26	74.28	75.24	74.58	75.29	74.85	73.99
3	74.76	72.94	72.92	70.31	71.57	73.22	74.10	75.29	74.71	75.25	74.84	74.02
4	74.69	73.06	72.82	70.10	71.57	73.20	74.05	75.18	74.68	75.27	74.78	74.03
5	74.64	73.12	72.74	70.00	71.62	73.17	73.99	75.10	74.59	75.18	74.67	74.01
6	74.58	73.03	72.70	70.04	71.72	73.27	74.33	75.09	74.55	75.09	74.49	74.00
7	74.50	73.00	72.77	70.22	71.66	73.27	74.63	75.12	74.52	74.98	74.48	73.96
8	74.48	72.96	72.71	70.48	71.70	73.07	74.74	75.15	74.56	74.88	74.58	73.95
9	74.44	72.93	72.66	70.50	71.65	73.11	74.84	75.12	74.64	74.79	74.49	73.94
10	74.37	72.93	72.57	70.54	71.67	73.03	74.88	75.09	74.66	74.79	74.33	74.05
11	74.31	72.88	72.42	70.62	71.96	73.09	75.01	75.18	74.78	74.84	74.22	74.12
12	74.24	72.77	72.33	70.66	72.05	73.20	74.94	75.19	74.85	74.88	74.18	74.15
13	74.18	72.89	72.25	70.68	72.23	73.50	74.96	75.16	74.91	74.91	74.09	74.19
14	74.14	72.83	72.05	70.80	72.35	73.46	74.90	75.11	74.98	74.88	74.06	74.31
15	74.01	72.75	72.11	70.82	72.74	73.51	74.92	75.15	75.11	74.88	73.96	74.41
16	73.84	72.75	72.11	70.86	72.68	73.55	74.95	75.12	75.20	74.90	73.95	74.46
17	73.70	72.79	72.13	70.92	72.77	73.27	74.97	75.00	75.44	75.03	74.06	74.53
18	73.59	72.89	71.98	70.82	72.91	73.06	75.01	75.01	75.45	75.26	74.08	74.52
19	73.46	73.02	71.75	70.78	72.97	72.96	74.99	74.96	75.53	75.22	74.06	74.65
20	73.35	73.15	71.56	71.03	72.96	72.94	75.02	75.04	75.48	75.11	74.12	74.77
21	73.31	73.34	71.55	71.33	72.95	73.08	75.03	75.20	75.33	75.04	74.20	74.88
22	73.29	73.34	71.50	71.39	73.16	73.31	75.17	75.34	75.21	74.98	74.17	75.00
23	73.31	73.44	71.36	71.27	72.95	73.52	75.22	75.51	75.13	74.99	74.11	75.08
24	73.36	73.44	71.36	71.33	72.96	73.71	75.14	75.35	75.06	74.95	74.07	75.13
25	73.42	73.43	71.55	71.51	73.02	74.05	75.20	75.35	75.02	74.98	74.11	75.09
26	73.44	73.39	71.56	71.69	73.14	74.56	75.26	75.37	75.01	75.00	74.14	75.07
27	73.44	73.36	71.43	71.70	73.17	74.85	75.17	75.34	75.08	74.94	74.17	74.97
28	73.40	73.30	71.28	71.53	73.20	75.02	75.12	75.12	75.12	74.94	74.15	74.94
29	73.34	73.23	71.21	71.34	73.30	75.09	75.10	74.98	75.23	74.83	74.17	74.95
30	73.24	73.15	71.13	71.31	---	74.92	75.12	74.75	75.26	74.84	74.04	75.04
31	73.13	---	71.07	71.38	---	74.62	---	74.59	---	74.75	74.05	---
MAX	74.76	73.44	73.06	71.70	73.30	75.09	75.26	75.51	75.53	75.32	74.85	75.13
MIN	73.13	72.75	71.07	70.00	71.53	72.94	73.99	74.59	74.50	74.75	73.95	73.94
(+)	23.58	23.63	18.80	19.50	24.01	27.34	28.63	27.26	29.00	27.67	25.87	28.43
(±)	-1,105	19	-1,803	261	1,800	1,243	498	-512	671	-497	-672	988

CAL YR 1975 ± -33 MAX 75.82 MIN 70.82
WTR YR 1976 ± 60 MAX 75.53 MIN 70.00

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

02172017 WEST BRANCH COOPER RIVER AT LEWISFIELD PLANTATION NEAR MONCKS CORNER, S.C.

LOCATION.--Lat 33°10'14", long 79°58'46", Berkeley County, Hydrologic Unit 03050201, at Lewisfield Plantation on right bank, 1.8 mi (2.9 km) southwest of Moncks Corner, 1.8 mi (2.9 km) downstream from Stony Landing, 4.5 mi (7.2 km) upstream from Molly Branch, and at mile 42.5 (68.4 km).

PERIOD OF RECORD.--Water year 1976.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE (TOP AND BOTTOM): November 1975 to current year.

INSTRUMENTATION.--Servo Programmer since November 1975.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE (TOP): Maximum, 30.5°C July 30, 1976; minimum, 7.0°C Jan. 19 - 25, 1976.
WATER TEMPERATURE (BOTTOM): Maximum, 29.5°C July 29, 31, Aug. 1, 3, 1976; minimum, 6.5°C Jan. 21, 23, 24, 1976.

EXTREMES FOR CURRENT YEAR.--Same as period of daily record.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(TOP)

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

02172017 WEST BRANCH COOPER RIVER AT LEWISFIELD PLANTATION NEAR MONCKS CORNER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

(TOP)

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

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

02172017 WEST BRANCH COOPER RIVER AT LEWISFIELD PLANTATION NEAR MONCKS CORNER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(BOTTOM)

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

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

02172017 WEST BRANCH COOPER RIVER AT LEWISFIELD PLANTATION NEAR MONCKS CORNER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

(BOTTOM)

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.0	22.5	22.5	26.5	26.0	26.0	29.5	29.5	29.5	26.5	25.5	26.0
2	23.0	22.5	23.0	27.0	26.0	26.5	29.5	29.5	29.5	27.0	26.0	26.5
3	23.0	23.0	23.0	27.5	26.5	27.0	29.5	29.0	29.0	26.5	26.0	26.0
4	23.0	23.0	23.0	27.5	26.5	27.0	29.0	28.0	28.5	26.5	26.0	26.0
5	23.0	22.5	23.0	27.0	27.0	27.0	28.5	28.0	28.0	27.0	26.0	26.5
6	22.5	22.0	22.5	27.0	26.5	26.5	28.0	27.5	28.0	27.0	26.0	26.5
7	22.5	22.0	22.5	26.5	26.5	26.5	28.0	27.5	27.5	26.5	26.0	26.5
8	23.0	22.0	22.5	27.0	26.5	26.5	28.0	27.5	27.5	26.5	26.0	26.5
9	23.0	22.5	22.5	27.0	26.5	26.5	28.0	27.5	27.5	26.5	26.0	26.0
10	23.0	22.0	22.5	27.0	26.5	26.5	28.0	27.5	27.5	26.5	26.0	26.0
11	24.0	22.5	23.0	27.5	26.5	27.0	28.0	27.5	27.5	26.5	25.0	26.0
12	23.5	22.5	23.0	27.5	27.0	27.5	28.0	27.5	27.5	26.0	25.0	25.5
13	24.5	23.0	24.0	28.0	27.5	28.0	28.5	27.5	28.0	25.5	24.5	25.0
14	25.5	23.0	24.0	28.5	27.5	28.0	28.5	28.0	28.0	25.0	24.0	25.0
15	25.5	23.0	24.0	28.5	28.0	28.0	28.5	28.0	28.0	25.0	24.0	24.5
16	26.0	23.5	24.5	28.5	28.0	28.5	28.5	28.0	28.5	25.0	23.5	24.0
17	26.0	23.0	24.5	29.0	28.5	28.5	29.0	28.0	28.5	25.0	24.0	24.5
18	26.0	23.5	24.0	28.5	28.5	28.5	29.0	27.5	28.0	25.0	24.5	24.5
19	24.5	23.5	24.0	28.0	28.0	28.0	28.0	27.0	28.0	25.0	24.5	24.5
20	25.0	23.5	24.0	28.0	27.5	28.0	27.5	25.0	26.5	25.0	24.5	24.5
21	24.5	23.5	24.0	28.5	28.0	28.0	26.5	24.5	25.5	25.0	24.5	24.5
22	24.0	23.5	24.0	28.5	27.5	28.0	26.5	25.0	26.0	25.0	24.0	24.5
23	24.5	24.0	24.0	28.5	28.0	28.5	26.0	25.5	26.0	25.0	24.0	24.5
24	25.0	24.0	24.5	29.0	28.5	28.5	26.0	25.5	25.5	25.0	24.0	24.5
25	25.0	24.5	24.5	29.0	28.5	29.0	26.0	25.5	25.5	24.5	24.0	24.0
26	25.5	24.5	25.0	29.0	28.5	28.5	26.0	25.0	25.5	24.5	24.0	24.0
27	25.5	25.0	25.0	29.0	28.5	28.5	26.5	25.5	26.0	24.5	24.0	24.0
28	25.5	25.0	25.5	29.0	28.5	29.0	26.5	25.5	26.0	25.0	24.0	24.5
29	26.5	25.0	26.0	29.5	29.0	29.5	27.0	25.5	26.0	24.5	24.0	24.5
30	26.5	25.5	26.0	29.5	29.0	29.5	27.5	26.0	26.5	24.5	24.0	24.5
31	---	---	---	29.5	29.5	29.5	26.5	26.0	26.5	---	---	---
MONTH	26.5	22.0	24.0	29.5	26.0	28.0	29.5	24.5	27.5	27.0	23.5	25.0
YEAR	29.5	6.5	19.0									

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, S.C.

LOCATION.--Lat 33°05'54", long 79°57'17", Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi (1.8 km) upstream from Seaboard Coast Line Railroad Bridge, 2.1 mi (3.4 km) downstream from Molly Branch, 7.8 mi (12.5 km) southwest of Moncks Corner, and at mile 35.4 (57.0 km).

PERIOD OF RECORD.--Water year 1976.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE (TOP AND BOTTOM): August 1975 to current year.

INSTRUMENTATION.--Servo Programmer since August 1975.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE (TOP): Maximum, 30.5°C July 29, 30 Aug. 1, 1976; minimum, 6.5°C Jan. 20 - 23, 1976.
WATER TEMPERATURE (BOTTOM): Maximum, 30.5°C July 29, 30, 1976, Aug. 1, 1976; minimum 6.0°C Jan. 20, 1976.

EXTREMES FOR CURRENT YEAR.--Same as period of daily record.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(TOP)

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

(TOP)

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

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

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(BOTTOM)

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

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

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

(BOTTOM)

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

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.

LOCATION.--Lat 33°02'26", long 79°56'14", Berkeley County, Hydrologic Unit 03050201, on right bank 6.2 mi (10.0 km) downstream from Seaboard Coast Line Railroad bridge, 7.4 mi (11.9 km) upstream from Goose Creek, and at mile 28.5 (45.9 km).

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

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

INSTRUMENTATION.--Servo Programmer since October 1970.

REMARKS.--Top and bottom temperature measurements started in July 1975.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, greater than 516 micromhos Oct. 9-19, 1971; minimum, 43 micromhos Apr. 16, 20, 23-25, May 2, 1975.
WATER TEMPERATURE: Maximum, 33.0°C July 18, 19, 1971; minimum, 4.5°C Feb. 15, 1971.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 243 micromhos August 7; minimum, 67 micromhos October 5.
WATER TEMPERATURE (Bottom): Maximum, >30.0°C July 29, 30; minimum, 6.0°C Jan. 20.
WATER TEMPERATURE (Top): Maximum, >30.0°C July 29, 30; minimum, 6.5°C Jan. 19, 20.

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	86	69	74	89	84	86	83	81	82	92	87	88
2	82	68	73	92	84	86	85	81	82	93	87	89
3	83	70	74	94	83	89	83	81	82	91	87	89
4	80	68	73	94	86	89	84	80	82	97	88	90
5	77	67	70	96	88	91	85	81	82	90	88	89
6	87	67	73	96	86	90	87	82	83	92	89	90
7	76	69	73	94	87	91	85	82	84	94	89	91
8	76	73	74	96	84	90	86	83	84	97	90	93
9	76	74	75	90	84	87	86	83	84	95	90	92
10	76	74	75	88	84	86	85	80	82	93	90	91
11	76	74	75	87	82	85	85	80	81	98	91	93
12	79	75	76	88	80	84	86	80	82	97	91	93
13	81	75	77	86	80	83	85	81	82	101	93	94
14	82	76	77	83	81	82	87	82	83	98	94	96
15	81	76	78	83	81	82	85	82	83	97	93	95
16	80	77	78	81	78	79	90	82	85	97	93	94
17	81	77	79	81	78	79	93	85	87	97	93	95
18	83	78	79	81	78	79	90	85	87	97	93	94
19	86	78	80	82	78	80	88	84	86	97	94	95
20	84	79	81	80	78	79	89	84	86	99	94	95
21	89	80	82	82	80	80	89	84	86	98	95	97
22	85	80	82	82	80	81	91	81	84	99	97	98
23	87	82	83	82	80	81	82	81	81	98	95	97
24	94	83	86	85	80	81	89	82	83	98	92	94
25	94	83	85	83	80	81	87	83	84	97	93	95
26	93	84	86	84	81	82	89	83	85	103	96	98
27	92	85	87	85	81	82	89	83	85	102	95	97
28	91	85	87	85	82	83	87	84	85	97	92	95
29	91	85	87	85	82	83	93	84	86	95	91	92
30	93	84	88	86	81	83	94	86	88	93	91	92
31	89	84	86	---	---	---	101	85	91	93	91	92
MONTH	94	67	79	96	78	84	101	80	84	103	87	93

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	97	91	93	85	82	83	83	80	81	99	83	89
2	97	91	93	85	81	83	83	80	80	95	84	88
3	96	91	92	85	81	82	87	80	82	97	84	89
4	95	91	92	91	81	83	86	80	82	94	84	88
5	97	91	93	85	82	83	86	81	82	96	85	88
6	97	91	93	84	82	83	85	81	82	94	85	87
7	98	79	85	86	83	84	96	80	83	93	84	87
8	81	79	80	85	81	83	89	81	84	91	84	87
9	81	80	81	88	81	84	84	80	82	93	83	87
10	82	80	81	83	75	79	84	80	81	101	83	90
11	84	81	82	83	75	79	83	80	81	108	83	91
12	86	82	84	85	81	83	87	81	82	108	85	93
13	85	82	83	92	83	86	87	80	83	113	84	95
14	95	82	85	98	85	90	90	81	84	112	84	93
15	88	84	85	95	85	90	88	79	82	104	83	89
16	89	86	87	96	85	89	86	80	82	90	82	85
17	88	85	86	86	82	83	84	80	82	85	80	82
18	88	83	85	88	81	83	85	81	83	87	81	83
19	87	83	83	84	80	81	100	82	84	86	81	82
20	86	82	83	92	80	81	86	82	84	86	81	83
21	84	82	83	84	80	81	88	82	85	89	81	83
22	85	82	83	84	81	82	89	83	86	91	81	84
23	85	82	83	88	81	83	101	83	88	91	82	86
24	83	81	82	83	81	82	93	83	88	91	79	83
25	85	81	82	84	78	80	90	79	85	88	78	81
26	85	82	83	81	78	79	88	82	85	83	79	80
27	85	83	83	86	80	82	89	82	85	86	79	82
28	84	81	82	84	81	82	93	80	84	86	78	81
29	88	82	83	87	80	82	90	80	83	86	78	81
30	---	---	---	84	81	82	92	84	87	91	77	81
31	---	---	---	83	80	80	---	---	---	92	80	84
MONTH	98	79	85	98	75	83	101	79	83	113	77	86

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	87	75	80	84	73	76	86	80	83	91	80	85
2	83	71	77	84	75	78	85	80	83	88	80	84
3	80	72	74	86	75	78	87	83	85	87	80	84
4	78	73	75	82	76	78	95	83	86	93	83	87
5	77	70	73	82	75	78	88	83	85	95	83	88
6	75	69	72	83	77	78	86	80	83	98	80	88
7	77	69	71	85	72	77	243	81	93	115	83	95
8	78	69	72	82	69	75	128	82	90	115	84	96
9	77	69	72	85	70	75	90	81	85	99	82	90
10	78	70	73	84	73	78	88	79	83	90	81	87
11	77	71	74	104	77	82	83	79	81	89	81	85
12	78	71	74	88	78	82	84	78	80	92	80	86
13	83	72	75	87	80	82	85	78	81	91	82	87
14	82	73	76	89	82	85	83	79	81	127	84	95
15	85	74	77	89	83	85	85	78	82	138	80	95
16	83	74	77	91	84	86	101	80	85	90	79	83
17	83	76	79	89	84	86	87	81	84	88	79	84
18	84	77	80	91	84	87	87	81	84	85	81	83
19	86	74	77	91	87	89	100	84	90	83	80	82
20	81	74	77	91	87	89	190	84	116	85	79	82
21	88	73	78	93	87	90	188	81	113	91	81	85
22	83	74	78	93	87	89	154	84	113	107	81	89
23	82	72	75	95	87	89	135	86	104	170	81	112
24	86	70	76	95	86	90	107	81	91	172	85	119
25	82	72	76	102	87	92	93	80	86	168	84	115
26	78	72	75	101	87	93	99	79	87	140	81	98
27	78	72	75	121	89	95	97	79	87	102	78	86
28	79	71	74	100	89	93	96	79	87	83	78	80
29	79	69	74	95	87	93	88	79	84	83	79	80
30	80	72	76	90	84	87	85	80	82	82	75	79
31	---	---	---	87	82	85	86	80	82	---	---	---
MONTH	88	69	75	121	69	85	243	78	88	172	75	90
YEAR	243	67	85									

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(TOP)

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

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

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

(TOP)

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

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(BOTTOM)

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

02172050 COOPER RIVER NEAR GOOSE CREEK, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

(BOTTOM)

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

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

02173500 NORTH FORK EDISTO RIVER AT ORANGEBURG, S.C.

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 (0.8 km) upstream from Seaboard Coast Line Railroad bridge, 1.5 mi (2.4 km) downstream from Caw Caw Swamp, and at mile 22.1 (35.6 km).

DRAINAGE AREA.--683 mi^2 (1,770 km^2).

REVISED RECORDS.--WSP 1032: Drainage area.

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

GAGE.--Water-stage recorder. Datum of gage is 149.02 ft (45.421 m) above mean sea level (levels by Corps of Engineers). Prior to Feb. 23, 1939, nonrecording gage at same site and datum.

REMARKS.--Records good. About 7.7 ft^3/s (0.22 m^3/s) diverted by City of Orangeburg for municipal supply.

AVERAGE DISCHARGE.--38 years, 798 ft^3/s (22.6 m^3/s), 15.87 in/yr (403 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,500 ft^3/s (269 m^3/s) Sept. 18, 1945, gage height, 14.28 ft (4.353 m), from rating curve extended above 5,300 ft^3/s (150 m^3/s) by velocity-area studies; minimum, 190 ft^3/s (5.38 m^3/s) Sept. 13, 14, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 14.7 ft (4.48 m) in September 1928, discharge, 10,000 ft^3/s (283 m^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, 2,760 ft^3/s (78.2 m^3/s), July 1, gage height 9.19 ft (2.801 m); minimum, 471 ft^3/s (13.3 m^3/s) Apr. 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	722	577	662	975	1320	707	753	651	790	2610	550	522
2	686	577	680	1030	1370	701	734	747	701	2000	554	517
3	652	577	690	1030	1410	693	720	778	723	1640	563	520
4	627	579	683	1000	1370	686	706	747	1090	1470	551	528
5	613	587	678	965	1180	682	697	696	1110	1410	523	559
6	607	591	671	983	1040	679	690	637	898	1580	499	594
7	605	619	669	1010	950	674	681	604	838	1820	485	618
8	608	708	671	1270	950	671	666	621	763	1740	486	645
9	617	769	702	1400	950	708	650	656	726	1670	526	632
10	645	763	747	1450	910	771	633	639	696	1830	558	598
11	674	741	780	1380	830	814	620	621	643	1780	552	563
12	679	745	768	1220	800	794	611	653	601	1470	532	530
13	676	834	760	1120	780	833	600	671	563	1230	519	503
14	677	884	752	1120	760	914	591	624	542	1010	519	556
15	668	941	735	1060	750	970	585	718	571	856	523	755
16	655	976	732	972	740	1230	578	964	642	758	513	916
17	649	944	802	908	740	1470	570	1100	831	700	541	1200
18	657	886	928	865	757	1540	560	999	1190	664	501	1300
19	654	885	997	832	804	1570	554	842	1500	640	486	1130
20	645	875	1040	807	828	1400	543	754	1490	610	484	980
21	649	811	1020	796	807	1360	533	711	1290	583	508	936
22	650	742	956	788	794	1460	528	684	1110	566	530	889
23	651	698	893	771	791	1290	526	656	1100	562	535	798
24	650	676	873	755	783	1080	536	757	1850	612	527	712
25	647	662	839	746	757	951	523	782	2100	647	526	648
26	636	653	889	747	738	879	503	740	1860	614	582	612
27	618	649	922	1110	726	840	488	703	1490	596	568	607
28	603	649	958	1700	722	816	481	762	1670	577	538	609
29	595	647	930	1850	716	792	475	914	1560	560	518	607
30	586	649	905	1780	---	773	518	995	1760	544	525	611
31	578	---	921	1530	---	765	---	927	---	540	538	---
TOTAL	19879	21894	25253	33970	26073	29513	17853	23353	32698	33889	16360	21195
MEAN	641	730	815	1096	899	952	595	753	1090	1093	528	707
MAX	722	976	1040	1850	1410	1570	753	1100	2100	2610	582	1300
MIN	578	577	662	746	716	671	475	604	542	540	484	503
CFSM	.94	1.07	1.19	1.60	1.32	1.39	.87	1.10	1.60	1.60	.77	1.04
IN.	1.08	1.19	1.38	1.85	1.42	1.61	.97	1.27	1.78	1.85	.89	1.15

CAL YR 1975 TOTAL 378888 MEAN 1038 MAX 2490 MIN 517 CFSM 1.52 IN 20.64
WTR YR 1976 TOTAL 301930 MEAN 825 MAX 2610 MIN 475 CFSM 1.21 IN 16.44

02174000 EDISTO RIVER NEAR BRANCHVILLE, S.C.

LOCATION.--Lat 33°10'35", long 80°45'05", Bamberg County, Hydrologic Unit 03050205, on right bank 400 ft (120 m) downstream from bridge on U.S. Highway 21, 4.7 mi (7.6 km) downstream from Brier Branch, 5.2 mi (8.4 km) south of Branchville, and at mile 100.0 (160.9 km).

DRAINAGE AREA.--1,720 mi^2 (4,450 km^2), approximately.

PERIOD OF RECORD.--October 1945 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 80.02 ft (24.390 m) above mean sea level (levels by Corps of Engineers). Prior to May 19, 1949, at datum 1.00 ft (0.305 m) higher.

REMARKS.--Records good.

AVERAGE DISCHARGE.--31 years, 2,037 ft^3/s (57.69 m^3/s), 16.08 in/yr (408 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft^3/s (413 m^3/s) Sept. 3, 1964, gage height, 11.44 ft (3.487 m); minimum 323 ft^3/s (9.15 m^3/s) Aug. 14, 1956.

EXTREME OUTSIDE PERIOD OF RECORD.--Maximum flood known since at least 1893, 13.5 ft (4.11 m), present datum, in September 1928, on basis of information from State Highway Department, discharge, 25,700 ft^3/s (728 m^3/s), by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,460 ft^3/s (183 m^3/s), June 30, gage height, 9.08 ft (2.768 m); minimum, 1,040 ft^3/s (29.5 m^3/s) Aug. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2150	1260	1450	2430	4250	1900	2150	1270	3150	5700	1180	1250
2	2050	1230	1450	2480	4140	1860	2040	1440	2920	4880	1140	1210
3	1950	1210	1460	2510	3910	1840	1950	1690	2630	4630	1140	1190
4	1840	1210	1480	2550	3750	1810	1870	1900	2380	4490	1180	1200
5	1700	1210	1490	2570	3660	1780	1800	2020	2360	4390	1240	1250
6	1560	1220	1510	2550	3530	1750	1730	2080	2610	4540	1210	1280
7	1460	1240	1510	2520	3330	1720	1680	2040	2860	5320	1120	1280
8	1410	1260	1510	2700	3110	1700	1630	1870	2780	5260	1080	1300
9	1390	1320	1510	3080	2890	1700	1600	1700	2560	4900	1060	1340
10	1410	1450	1540	3410	2700	1730	1550	1600	2320	4500	1040	1360
11	1400	1580	1610	3600	2580	1780	1500	1530	2030	4030	1080	1350
12	1390	1640	1700	3540	2480	1840	1460	1510	1860	3650	1130	1310
13	1400	1660	1750	3400	2380	1970	1410	1470	1800	3720	1180	1240
14	1400	1670	1770	3320	2280	2120	1380	1480	1660	3640	1170	1200
15	1390	1720	1770	3160	2200	2250	1360	1550	1490	3330	1110	1310
16	1380	1800	1760	3040	2130	2450	1330	1880	1420	3030	1070	1480
17	1380	1870	1790	2960	2080	2890	1310	2180	1470	2700	1070	1820
18	1390	1990	1850	2840	2040	3480	1280	2450	1780	2430	1090	2190
19	1400	2100	1940	2680	2060	3900	1250	2520	2340	2210	1110	2390
20	1410	2120	2090	2540	2080	3970	1230	2400	2840	1950	1100	2490
21	1400	2060	2210	2420	2100	3950	1210	2250	2940	1730	1090	2550
22	1390	2040	2240	2320	2160	3860	1200	2070	3030	1540	1090	2490
23	1370	2050	2240	2230	2210	3660	1180	1890	3140	1420	1090	2350
24	1370	1990	2250	2150	2250	3610	1160	2020	3160	1340	1110	2250
25	1360	1850	2230	2080	2250	3530	1140	2290	3300	1290	1140	2150
26	1360	1730	2270	2020	2190	3270	1130	2480	3740	1280	1160	2000
27	1370	1620	2340	2090	2100	3000	1110	2530	4000	1310	1170	1780
28	1380	1540	2420	2540	2020	2770	1090	2450	4150	1300	1210	1580
29	1360	1490	2460	3300	1960	2560	1070	2520	5280	1280	1210	1470
30	1330	1460	2430	4100	---	2400	1100	2750	6380	1270	1200	1480
31	1290	---	2410	4320	---	2260	---	3090	---	1230	1220	---
TOTAL	45840	48590	58440	87450	76820	79310	42900	62920	84380	94290	35190	49540
MEAN	1479	1620	1885	2821	2649	2558	1430	2030	2813	3042	1135	1651
MAX	2150	2120	2460	4320	4250	3970	2150	3090	6380	5700	1240	2550
MIN	1290	1210	1450	2020	1960	1700	1070	1270	1420	1230	1040	1190
CFSM	.86	.94	1.10	1.64	1.54	1.49	.83	1.18	1.64	1.77	.66	.96
IN.	.99	1.05	1.26	1.89	1.66	1.72	.93	1.36	1.82	2.04	.76	1.07

CAL YR 1975 TOTAL 980900 MEAN 2687 MAX 5990 MIN 1170 CFSM 1.56 IN 21.21
WTR YR 1976 TOTAL 765670 MEAN 2092 MAX 6380 MIN 1040 CFSM 1.22 IN 16.56

02174250 COW CASTLE CREEK NEAR BOWMAN, S.C.

LOCATION.--Lat 33°22'43", long 80°42'00", Orangeburg County, Hydrologic Unit 03050206, at bridge on county road, 1.1 mi (1.8 km) above Buck Branch and 3.2 mi (5.1 km) northwest of Bowman.

DRAINAGE AREA.--23.4 mi^2 (60.6 km^2).

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

GAGE.--Water-stage recorder. Altitude of gage is 125 ft (38 m) (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--6 years, 23.8 ft^3/s (0.674 m^3/s), 13.81 in/yr (351 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,290 ft^3/s (36.5 m^3/s) June 12, 1973, gage height, 6.83 ft (2.082 m); minimum daily, 1.2 ft^3/s (0.03 m^3/s) Oct. 18, 1972.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 150 ft^3/s (4.25 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)	Date	Time	Discharge (t^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Jan. 28	0600	202	5.72	5.27	1.606	June 28	1900	269	7.62	5.77	1.759
May 16	0200	152	4.30	4.71	1.436	July 7	0300	*292	8.27	*5.87	1.789
June 24	1000	242	6.85	5.61	1.710						

Minimum daily, 1.7 ft^3/s (.048 m^3/s) Sept. 12, 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.0	2.6	4.7	34	48	11	10	11	20	129	3.3	2.1
2	8.2	2.6	5.0	27	76	11	9.3	8.2	18	83	3.6	2.0
3	7.2	2.5	4.6	23	58	10	8.6	6.5	18	54	11	2.2
4	6.7	2.6	4.3	20	46	9.7	8.1	5.0	18	42	5.7	2.5
5	6.2	2.6	4.2	18	40	9.3	7.4	4.4	16	63	4.4	2.3
6	5.8	2.5	4.2	16	36	9.1	7.0	4.0	13	143	3.8	2.1
7	5.5	3.0	4.3	19	32	8.6	6.9	3.9	11	255	3.4	2.0
8	5.5	4.4	4.7	84	29	8.4	6.5	3.9	9.9	141	4.7	2.0
9	9.7	3.8	5.7	69	25	12	6.2	4.0	8.6	71	4.2	2.0
10	8.2	3.7	9.0	46	23	11	5.7	3.6	7.9	47	3.4	2.0
11	7.0	3.7	7.5	38	21	10	5.4	3.9	7.2	36	3.2	1.8
12	6.2	4.2	7.0	34	20	9.7	5.0	4.3	6.9	29	2.9	1.7
13	5.4	12	6.7	30	19	16	4.7	3.8	6.0	22	2.7	1.7
14	4.9	8.2	6.5	27	18	16	4.4	4.4	5.4	17	2.6	6.0
15	4.4	6.9	6.5	24	16	15	4.3	48	9.7	14	2.5	20
16	4.3	6.3	7.0	22	16	66	4.2	94	12	12	3.2	8.1
17	4.6	5.8	11	21	16	83	4.0	47	44	10	5.2	5.7
18	5.5	5.5	23	19	15	51	3.7	33	64	9.3	3.2	4.7
19	4.9	5.2	18	17	18	39	3.4	23	39	8.8	2.7	4.0
20	4.4	5.0	15	17	16	32	3.3	17	37	8.1	2.7	3.8
21	4.2	4.9	14	16	14	28	3.3	14	35	7.2	3.1	4.0
22	3.9	4.7	12	15	17	23	3.3	12	26	6.5	3.0	3.7
23	3.7	4.6	11	14	18	20	3.2	12	44	5.8	2.7	3.3
24	3.4	4.4	10	14	16	18	3.0	50	214	5.7	2.5	3.0
25	3.3	4.4	10	13	15	17	2.9	50	94	5.4	2.6	2.9
26	3.2	4.3	23	13	14	16	2.9	37	50	5.2	2.5	2.9
27	3.1	4.4	27	86	13	14	2.6	29	51	4.9	2.4	2.9
28	3.0	4.4	20	175	12	14	2.6	37	240	4.2	2.3	2.7
29	2.8	4.3	17	93	11	12	2.7	56	145	3.9	2.3	3.7
30	2.8	4.3	17	65	---	12	4.6	39	181	3.6	2.3	5.5
31	2.7	---	25	50	---	11	---	27	---	3.4	2.2	---
TOTAL	159.7	137.8	344.9	1159	718	622.8	149.2	695.9	1451.6	1250.0	106.3	113.3
MEAN	5.15	4.59	11.1	37.4	24.8	20.1	4.97	22.4	48.4	40.3	3.43	3.78
MAX	9.7	12	27	175	76	83	10	94	240	255	11	20
MIN	2.7	2.5	4.2	13	11	8.4	2.6	3.6	5.4	3.4	2.2	1.7
CFSM	.22	.20	.47	1.60	1.06	.86	.21	.96	2.07	1.72	.15	.16
IN.	.25	.22	.55	1.84	1.14	.99	.24	1.11	2.31	1.99	.17	.18

CAL YR 1975 TOTAL 10624.5 MEAN 29.1 MAX 242 MIN 2.5 CFSM 1.24 IN 16.89
WTR YR 1976 TOTAL 6908.5 MEAN 18.9 MAX 255 MIN 1.7 CFSM .81 IN 10.98

02175000 EDISTO RIVER NEAR GIVHANS, S.C.
(National stream-quality accounting network station)
(Pesticide program 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 (3.7 km) downstream from Four Hole Swamp, 2.8 mi (4.5 km) west of Givhans, and at mile 59.9 (96.4 km).

DRAINAGE AREA.--2,730 mi^2 (7,070 km^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 (6.236 m) above mean sea level (levels by Corps of Engineers).

REMARKS.--Records fair. About 113 ft^3/s (3.2 m^3/s) a day diverted above station for Charleston water supply during year.

AVERAGE DISCHARGE.--37 years, 2,684 ft^3/s (76.01 m^3/s), 13.35 in/yr (339 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft^3/s (694 m^3/s) June 14, 1973, gage height, 15.84 ft (4.828 m); minimum, 290 ft^3/s (8.21 m^3/s) Aug. 16, 1956, gage height, 0.51 ft (0.155 m).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1904, 17.5 ft (5.33 m) in February 1925, from investigation by Charleston Commissioners of Public Works, discharge, 24,900 ft^3/s (705 m^3/s).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,980 ft^3/s (283 m^3/s) July 8, gage height, 12.63 ft (3.850 m); minimum daily, 828 ft^3/s (23.4 m^3/s), Apr. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2940	1160	1480	2680	3620	2360	2820	915	3880	6100	1130	1010
2	2740	1130	1420	2740	4360	2290	2560	1010	3760	6910	1100	1020
3	2490	1090	1390	2740	4910	2210	2360	1090	3830	7390	1260	1070
4	2290	1080	1370	2700	5190	2150	2210	1180	3920	7490	1290	1120
5	2140	1060	1360	2670	5240	2090	2080	1310	3870	7510	1140	1080
6	2000	1050	1370	2660	5220	2040	1960	1460	3620	7560	1100	1050
7	1870	1050	1390	2670	5200	1990	1850	1570	3260	7990	1090	1110
8	1710	1080	1400	2740	5060	1940	1760	1650	3000	9500	1040	1150
9	1560	1090	1440	2840	4820	1900	1670	1710	2910	9870	1020	1150
10	1440	1110	1500	2900	4490	1880	1600	1680	2930	9470	984	1190
11	1370	1160	1510	3010	4150	1870	1540	1570	2900	9190	927	1190
12	1340	1240	1510	3240	3790	1860	1480	1490	2740	8570	929	1180
13	1310	1380	1550	3560	3480	1910	1410	1410	2480	7820	994	1150
14	1280	1460	1610	3830	3240	2030	1340	1350	2210	7080	1030	1200
15	1270	1490	1670	3940	3030	2130	1270	1360	2030	6380	1050	1810
16	1250	1510	1700	3930	2850	2310	1220	1540	1880	5760	1040	2540
17	1240	1540	1750	3850	2690	2740	1170	1710	1720	5200	1050	2610
18	1270	1610	1820	3740	2550	3210	1130	1930	1800	4690	1060	2380
19	1260	1630	1870	3610	2480	3530	1100	2180	1970	4160	1010	2200
20	1240	1740	1900	3500	2460	3830	1060	2340	2360	3620	1000	2190
21	1240	1830	1940	3350	2520	4160	1030	2500	2980	3110	1020	2240
22	1250	1900	2020	3140	2640	4440	1000	2600	3550	2670	1010	2310
23	1250	1930	2090	2920	2690	4560	972	2700	4130	2280	977	2370
24	1250	1930	2150	2720	2670	4560	947	3310	4750	1940	950	2400
25	1240	1930	2180	2550	2630	4490	926	4660	5270	1670	953	2360
26	1230	1920	2240	2430	2580	4380	903	5600	5840	1480	989	2280
27	1220	1880	2310	2420	2550	4270	876	5460	6150	1340	1010	2180
28	1220	1780	2360	2550	2500	4120	854	5050	6070	1270	1000	2080
29	1220	1670	2380	2720	2440	3860	832	4680	5920	1230	1010	1960
30	1210	1560	2440	2860	---	3500	828	4380	5860	1190	1030	1950
31	1190	---	2550	3100	---	3130	---	4100	---	1160	1020	---
TOTAL	47530	43990	55670	94310	102050	91740	42758	75495	107590	161600	32213	51530
MEAN	1533	1466	1796	3042	3519	2959	1425	2435	3586	5213	1039	1718
MAX	2940	1930	2550	3940	5240	4560	2820	5600	6150	9870	1290	2610
MIN	1190	1050	1360	2420	2440	1860	828	915	1720	1160	927	1010

CAL YR 1975 TOTAL 1188290 MEAN 3256 MAX 9520 MIN 1050
WTR YR 1976 TOTAL 906476 MEAN 2477 MAX 9870 MIN 828

02175000 EDISTO RIVER NEAR GIVHANS, S.C.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1967 to July 1973, October 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)
OCT. 15...	1030	23.5	7.2	58	6.8	.48	.38
NOV. 12...	1215	22.0	7.4	53	7.0	.63	.45
DEC. 17...	1415	12.0	9.5	54	7.1	.38	.23
JAN. 14...	1245	8.0	10.1	58	7.0	.33	.23
FEB. 11...	1315	10.0	9.8	61	6.7	.42	.36
MAR. 17...	1145	13.5	9.1	66	6.7	.49	.40
APR. 14...	0940	18.0	8.6	55	6.8	.51	.31
MAY 12...	1000	21.0	7.9	52	6.6	.55	.33
JUNE 09...	0900	21.0	7.0	59	6.7	.54	.44
JULY 14...	0845	25.0	5.2	60	6.5	.74	.66
AUG. 11...	0930	28.0	6.7	60	6.8	.56	.30
SEP. 14...	0950	22.0	8.7	68	7.1	.49	.34

DATE	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT. 15...	.10	2.1	.06	53	65	130
NOV. 12...	.18	2.8	.08	750	76	260
DEC. 17...	.15	1.7	.03	1700	46	120
JAN. 14...	.10	1.5	.04	43	74	320
FEB. 11...	.06	1.9	.08	10	64	47
MAR. 17...	.09	2.2	.08	110	B525	B1050
APR. 14...	.20	2.3	.05	200	88	200
MAY 12...	.22	2.4	.05	1300	211	120
JUNE 09...	.10	2.4	.05	110	7	108
JULY 14...	.08	3.3	.06	530	100	100
AUG. 11...	.26	2.5	.11	320	75	88
SEP. 14...	.15	2.2	.09	60	122	192

DATE	TIME	ALKALINITY AS CACO3 (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
DEC. 17...	1415	18	0	0	0	22	0	0	0	4.4	5.6
MAR. 17...	1145	13	1	0	1	16	0	0	0	6.4	5.4
JUNE 09...	0900	11	0	--	0	14	0	0	0	5.6	6.1
SEP. 14...	0950	16	0	1	1	20	1	0	0	1.6	6.0

DATE	CARBON DIOXIDE (CO2) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	SUSPENDED CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	SUSPENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	SUSPENDED COPPER (CU) (UG/L)
DEC. 17...	2.8	0	5.7	0	<10	<10	0	0	0	1	1
MAR. 17...	5.1	0	7.0	0	<10	<10	0	0	0	0	2
JUNE 09...	4.5	0	6.9	0	<10	<10	0	0	0	4	0
SEP. 14...	2.5	0	6.0	0	10	10	0	0	0	1	4

02175000 EDISTO RIVER NEAR GIVHANS, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL COPPER (CU) (UG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)	SUS-PENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	SUS-PENDED MAN-GANESE (MN) (UG/L)
DEC.											
17...	2	.2	16	0	430	90	6	8	14	1.3	10
MAR.											
17...	2	.4	18	5	730	430	2	8	10	.5	10
JUNE											
09...	4	.1	14	3	790	500	3	1	4	.1	0
SEP.											
14...	5	.1	6	0	850	510	5	0	5	.5	30

DATE	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SODIUM AD-SORP-TION RATIO
DEC.											
17...	10	0	.0	.0	.0	2.0	46	49	240	.06	.8
MAR.											
17...	20	10	.3	.0	.3	.9	51	41	322	.07	.8
JUNE											
09...	20	20	.3	--	.4	.9	55	38	445	.07	.6
SEP.											
14...	40	10	.2	.0	.2	.9	64	42	230	.09	1.7

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DIS-SOLVED SULFATE (SO4) (MG/L)	TUR-BID-ITY (JTU)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC.											
17...	0	0	0	10	7.6	47	6.5	5	0	20	20
MAR.											
17...	0	0	0	3.6	7.4	46	6.3	5	10	0	10
JUNE											
09...	0	--	0	6.1	5.0	41	5.7	3	10	0	10
SEP.											
14...	0	0	0	7.5	9.7	75	5.8	5	0	10	10

DATE	TIME	INSTAN-TANEOUS DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
15...	1030	1540	4	20	100
NOV.					
12...	1215	1460	5	21	100
DEC.					
17...	1415	1930	5	28	100
JAN.					
14...	1245	3880	7	76	100
FEB.					
11...	1315	4300	3	41	100
MAR.					
17...	1145	2340	8	51	100
APR.					
14...	0940	1550	3	13	100
MAY					
12...	1000	1700	3	14	100
JUNE					
09...	0900	3000	5	45	100
JULY					
14...	0845	7170	2	46	100
AUG.					
11...	0930	1100	5	16	100
SEP.					
14...	0950	1330	2	7.5	100

02175500 SALKEHATCHIE RIVER NEAR MILEY, S.C.

LOCATION.--Lat 32°59'20", long 81°03'10", Hampton County, Hydrologic Unit 03050207, on right bank 90 ft (27 m) downstream from bridge on U.S Highway 601, 2.4 mi (3.9 km) downstream from Savannah Creek, 3.1 mi (5.0 km) upstream from Hampton and Branchville Railroad bridge, 3.1 mi (5.0 km) northwest of Miley, and at mile 68.0 (109.4 km).

DRAINAGE AREA.--341 mi^2 (883 km^2).

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 64.35 ft (19.614 m) above mean sea level. Dec. 6, 1957 to Jan. 22, 1971, nonrecording gage at same site and datum. Prior to Dec. 6, 1957, nonrecording gage at bridge 90 ft (27 m) upstream at same datum.

REMARKS.--Records good, except for period of missing record which is poor.

AVERAGE DISCHARGE.--25 years, 350 ft^3/s (9.912 m^3/s), 13.94 in/yr (354 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,350 ft^3/s (66.6 m^3/s) July 20, 1975, gage height, 5.00 ft (1.524 m); minimum, 17 ft^3/s (0.48 m^3/s) Sept. 13, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,100 ft^3/s (59.5 m^3/s) July 7, gage height, 4.83 ft (1.472 m); minimum daily, 115 ft^3/s (3.26 m^3/s) Apr. 29.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	254	192	248	471	1020	308	284	388	603	998	150	140
2	247	195	256	441	973	300	270	387	409	736	150	134
3	238	195	261	441	841	293	259	402	336	644	150	230
4	220	197	278	460	711	288	246	446	308	790	150	255
5	215	201	287	450	652	284	232	410	336	880	130	257
6	210	205	284	427	603	279	220	343	388	1070	130	308
7	205	220	275	391	566	275	215	246	349	1870	130	305
8	217	245	272	418	513	266	209	184	302	1260	130	257
9	342	290	305	526	452	295	203	213	265	938	140	220
10	379	335	320	709	412	333	197	307	214	736	150	180
11	331	383	327	870	390	336	192	308	186	592	140	150
12	293	441	364	817	376	345	186	266	188	445	140	140
13	267	388	392	716	363	402	181	246	228	375	140	130
14	240	345	388	611	358	470	174	264	210	317	140	200
15	225	360	367	520	351	484	170	347	201	260	140	600
16	213	466	335	445	345	627	167	419	255	232	140	1000
17	215	431	353	411	344	775	163	450	613	206	140	700
18	253	356	388	401	344	898	158	455	1260	210	140	500
19	261	311	383	378	440	981	152	442	1140	240	130	300
20	256	290	396	364	481	907	147	402	1390	215	130	200
21	269	269	409	357	475	786	142	342	1680	300	140	160
22	272	256	401	347	488	661	138	268	1450	220	140	140
23	253	251	383	337	478	528	140	235	1240	170	140	130
24	230	248	345	332	439	417	152	496	1680	160	140	120
25	210	245	305	329	435	370	144	619	1390	170	140	140
26	201	245	375	329	419	349	132	627	1040	160	150	170
27	199	245	436	540	377	335	123	654	860	150	150	400
28	201	248	423	953	341	323	118	699	1010	150	140	600
29	201	245	441	1070	320	314	115	1640	1180	140	140	550
30	201	245	436	1190	---	305	200	1460	1360	140	140	700
31	195	---	455	1130	---	295	---	925	---	140	163	---
TOTAL	7508	8543	10888	17181	14307	13829	5429	14890	22071	14914	4373	9316
MEAN	242	285	351	554	493	446	181	480	736	481	141	311
MAX	379	466	455	1190	1020	981	284	1640	1680	1870	163	1000
MIN	195	192	248	329	320	266	115	184	186	140	130	120
CFSM	.71	.84	1.03	1.62	1.45	1.31	.53	1.41	2.16	1.41	.41	.91
IN.	.82	.93	1.19	1.87	1.56	1.51	.59	1.62	2.41	1.63	.48	1.02

CAL YR 1975 TOTAL 197506 MEAN 541 MAX 2180 MIN 145 CFSM 1.59 IN 21.55
WTR YR 1976 TOTAL 143249 MEAN 391 MAX 1870 MIN 115 CFSM 1.15 IN 15.63

Note: No gage height record July 21 to Aug. 30.

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.
(National stream-quality accounting network station)

LOCATION.--Lat 32°50'10", long 81°07'55", Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi (2.6 km) downstream from Black Creek, 2.5 mi (4.0 km) southwest of Hampton, and at mile 33.6 (54.1 km).

DRAINAGE AREA.--203 mi^2 (526 km^2).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 50.30 ft (15.331 m) above mean sea level. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--Records good.

AVERAGE DISCHARGE.--25 years, 189 ft^3/s (5.352 m^3/s), 12.64 in/yr (321 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,160 ft^3/s (231 m^3/s) Sept. 2, 1969, gage height, 8.39 ft (2.557 m), from flood-marks; no flow for some days in 1951, 1954, 1956, 1957, 1968, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,760 ft^3/s (49.8 m^3/s) July 7, gage height, 5.29 ft (1.612 m); minimum daily 6.2 ft^3/s (0.18 m^3/s) Aug. 31.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	17	29	183	370	102	89	67	407	614	29	7.4
2	50	17	30	208	507	98	80	178	304	501	25	8.1
3	41	17	32	176	574	96	69	165	246	407	24	26
4	34	17	32	133	493	93	60	76	325	598	39	67
5	29	17	30	104	388	89	52	42	545	801	120	100
6	27	18	29	91	325	87	45	30	530	883	69	59
7	26	21	29	85	283	96	42	25	382	1560	42	53
8	28	25	33	118	250	100	39	24	269	1100	37	67
9	40	30	37	179	220	111	35	24	189	774	37	67
10	49	33	45	201	201	130	31	32	138	560	36	53
11	59	34	49	176	186	130	28	33	106	426	32	39
12	49	32	49	141	172	111	26	34	87	330	33	29
13	38	37	44	123	163	123	22	31	72	255	28	24
14	33	38	40	116	153	155	20	34	65	196	23	50
15	29	38	38	106	144	189	19	62	78	155	19	161
16	27	40	40	100	139	309	17	161	161	125	15	288
17	28	37	54	96	136	530	15	294	347	106	15	224
18	37	41	89	96	131	508	13	283	515	104	15	133
19	42	39	106	96	130	394	12	208	748	147	16	81
20	41	35	98	89	141	304	11	150	820	325	14	58
21	34	34	74	85	147	255	9.7	91	874	246	16	46
22	28	32	61	81	152	216	9.1	61	1210	155	19	41
23	24	28	54	78	155	185	9.4	81	820	106	20	38
24	23	28	49	74	161	165	8.8	920	671	78	16	35
25	21	28	46	71	150	147	8.1	1230	974	62	13	32
26	21	27	102	72	133	133	8.1	1090	856	53	11	40
27	21	28	176	273	123	123	7.1	847	622	55	10	116
28	21	27	193	836	113	120	6.4	688	622	53	8.8	158
29	20	27	141	828	106	111	6.7	783	929	48	7.4	141
30	19	28	100	612	---	102	21	688	756	40	6.4	189
31	19	---	116	431	---	96	---	560	---	35	6.2	---
TOTAL	1010	870	2045	6058	6346	5408	819.4	8992	14668	10898	801.8	2430.5
MEAN	32.6	29.0	66.0	195	219	174	27.3	290	489	352	25.9	81.0
MAX	59	41	193	836	574	530	89	1230	1210	1560	120	288
MIN	19	17	29	71	106	87	6.4	24	65	35	6.2	7.4
CFSM	.16	.14	.33	.96	1.08	.86	.13	1.43	2.41	1.73	.13	.40
IN.	.19	.16	.37	1.11	1.16	.99	.15	1.65	2.69	2.00	.15	.45

CAL YR 1975 TOTAL 108036.0 MEAN 296 MAX 2100 MIN 17 CFSM 1.46 IN 19.80
WTR YR 1976 TOTAL 60346.7 MEAN 165 MAX 1560 MIN 6.2 CFSM .81 IN 11.06

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1975 to current year.
WATER TEMPERATURE: April 1975 to current year.

INSTRUMENTATION.--Servo Programmer since April 1975.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 111 micromhos Sept. 2, 1976; minimum, 35 micromhos July 15, 1976.
WATER TEMPERATURE: Maximum, 27.0°C July 28, 29, 1976; minimum, 0.0°C Jan. 20, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 111 micromhos Sept. 2; minimum, 36 micromhos July 7.
WATER TEMPERATURE: Maximum, 27.0°C July 28, 29; minimum, 0.0°C Jan. 20.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	FECAL COLIFORM (COL. PER 100 ML)
OCT.												
15...	1155	21.5	5.1	85	6.7	25	31	8.2	0	8.6	9.9	67
NOV.												
13...	1045	17.0	5.2	90	7.2	29	35	11	0	8.5	3.5	142
DEC.												
18...	1240	11.0	8.6	86	7.1	24	29	10	0	7.4	3.7	220
JAN.												
15...	1000	6.0	11.4	77	6.8	16	20	7.5	0	8.4	5.1	87
FEB.												
12...	1300	11.0	9.6	70	6.8	16	19	5.9	0	8.6	4.8	115
MAR.												
18...	1100	9.7	10.2	60	7.1	16	20	5.0	0	6.6	2.5	280
APR.												
14...	1300	15.0	8.1	74	6.9	25	30	9.6	0	7.0	6.0	8360
MAY												
12...	1300	20.0	7.1	83	6.8	23	28	8.2	0	7.8	7.1	133
JUNE												
09...	1115	19.0	7.2	67	6.5	16	19	6.8	0	8.3	9.6	857
JULY												
14...	1230	25.5	5.7	60	6.5	16	20	6.6	0	7.2	10	65
AUG.												
11...	1215	23.0	5.8	77	6.8	20	24	7.2	0	7.4	6.1	128
SEP.												
15...	0930	20.0	6.5	80	6.5	15	18	7.4	0	7.4	9.1	8467

DATE	STREPTOCOCCI (COLONIES PER 100 ML)	DISSOLVED FLUORIDE (F) (MG/L)	NONCARBONATE HARDNESS (MG/L)	HARDNESS (CA+MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)
OCT.											
15...	130	.1	1	26	1.4	.53	.49	.04	2.3	.10	0
NOV.											
13...	315	.1	6	35	1.8	.45	.44	.01	2.0	.09	360
DEC.											
18...	680	.2	9	33	2.0	.46	.45	.01	2.0	.08	150
JAN.											
15...	70	.1	8	24	1.3	.23	.22	.01	1.0	.05	190
FEB.											
12...	87	.2	5	20	1.3	.46	.43	.03	2.0	.04	260
MAR.											
18...	740	.3	1	17	1.1	.57	.56	.01	2.5	.07	140
APR.											
14...	253	.3	5	30	1.4	.70	.52	.18	3.1	.07	330
MAY											
12...	350	.2	4	27	1.5	.82	.62	.20	3.6	.09	94
JUNE											
09...	104	.2	4	20	.7	.63	.50	.13	2.8	.09	270
JULY											
14...	157	.3	5	21	1.1	.73	.65	.08	3.2	.14	4
AUG.											
11...	360	.3	3	23	1.1	.64	.56	.08	2.8	.12	160
SEP.											
15...	81320	.3	9	24	1.4	.59	.58	.01	2.6	.11	76

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	DIS-SOLVED SOLIDS (TONS PER DAY)	DIS-SOLVED SOLIDS (TONS PER AC-FT)	SODIUM AD-SORP-TION RATIO	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DIS-SOLVED SULFATE (SO4) (MG/L)	TUR-BID-ITY (JTU)
OCT. 15...	2.1	64	56	5.53	.09	.4	12	4.7	26	3.9	3
NOV. 13...	2.4	72	61	6.22	.10	.4	11	5.0	22	3.8	3
DEC. 18...	1.9	64	56	15.6	.09	.4	9.5	4.8	23	5.5	2
JAN. 15...	1.2	68	48	18.0	.09	.4	9.5	4.7	29	5.3	2
FEB. 12...	1.0	68	41	29.2	.09	.5	5.4	4.7	32	5.0	3
MAR. 18...	.8	69	39	83.6	.09	.4	7.4	3.7	31	4.2	4
APR. 14...	1.0	67	48	3.44	.09	.4	6.9	5.0	26	2.5	4
MAY 12...	1.0	82	50	6.42	.11	.4	7.1	4.9	28	5.0	7
JUNE 09...	.9	54	44	27.7	.07	.4	8.1	4.1	30	5.1	2
JULY 14...	1.2	62	44	16.7	.08	.3	8.0	3.4	25	6.8	2
AUG. 11...	1.4	56	47	6.05	.08	.4	10	4.0	26	3.8	5
SEP. 15...	1.7	76	49	34.7	.10	.4	9.6	4.0	25	8.1	7

DATE	TIME	DIS-SOLVED ARSENIC (AS) (UG/L)	SUS-PENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	DIS-SOLVED CAD-MIUM (CD) (UG/L)	SUS-PENDED CAD-MIUM (CD) (UG/L)	TOTAL CAD-MIUM (CD) (UG/L)	TOTAL ORGANIC CARBON (C) (MG/L)	DIS-SOLVED CHRO-MIUM (CR) (UG/L)	SUS-PENDED CHRO-MIUM (CR) (UG/L)
DEC. 18...	1240	0	0	0	0	0	0	11	0	<10
MAR. 18...	1100	0	0	0	0	0	0	17	0	<10
JUNE 09...	1115	0	--	1	0	1	1	6.3	1	39
SEP. 15...	0930	1	0	1	0	0	0	2.0	0	10

DATE	TOTAL CHRO-MIUM (CR) (UG/L)	DIS-SOLVED COBALT (CO) (UG/L)	SUS-PENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DIS-SOLVED COPPER (CU) (UG/L)	SUS-PENDED COPPER (CU) (UG/L)	TOTAL COPPER (CU) (UG/L)	TOTAL IRON (FE) (UG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED LEAD (PB) (UG/L)
DEC. 18...	<10	0	0	0	0	0	0	460	270	6
MAR. 18...	<10	0	0	0	2	0	2	530	460	7
JUNE 09...	40	0	0	0	0	0	0	790	610	5
SEP. 15...	10	0	0	0	1	2	3	660	330	3

DATE	SUS-PENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	SUS-PENDED MAN-GANESE (MN) (UG/L)	TOTAL MAN-GANESE (MN) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED MERCURY (HG) (UG/L)	SUS-PENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M
DEC. 18...	0	6	10	40	30	.0	.1	.1	.100
MAR. 18...	6	13	0	20	20	.0	.0	.0	.600
JUNE 09...	0	5	0	40	40	.2	--	.2	--
SEP. 15...	1	4	40	90	50	.0	.0	.0	.007

DATE	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M	PERI-PHYTON BIOMASS ASH WEIGHT G/SQ M	PERI-PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M	DIS-SOLVED SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC. 18...	1.00	1.20	1.70	0	0	0	0	10	10
MAR. 18...	2.80	.800	2.50	0	1	1	0	20	20
JUNE 09...	--	--	--	0	--	0	10	0	--
SEP. 15...	5.08	2.31	4.15	0	0	0	0	10	10

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
15...	1155	32	5	.48	100
NOV.					
13...	1045	32	4	.41	100
DEC.					
18...	1240	90	8	2.1	100
JAN.					
15...	1000	98	6	1.7	100
FEB.					
12...	1300	159	6	2.9	100
MAR.					
18...	1100	449	8	9.9	100
APR.					
14...	1300	19	1	.05	100
MAY					
12...	1300	29	2	.16	100
JUNE					
09...	1115	190	3	1.8	100
JULY					
14...	1230	100	3	.92	100
AUG.					
11...	1215	40	7	.79	100
SEP.					
15...	0930	169	13	6.1	100

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	72	70	72	92	87	89	89	87	88	81	80	81
2	74	72	73	94	88	91	88	86	87	81	80	80
3	77	74	75	92	88	90	88	86	87	80	79	80
4	77	76	76	92	88	90	89	86	87	80	80	80
5	78	76	77	93	89	91	90	86	88	80	79	79
6	79	77	78	94	89	91	91	88	89	79	78	79
7	82	78	80	92	88	91	93	91	92	79	79	79
8	84	80	82	93	90	92	92	88	90	79	74	77
9	83	80	82	91	86	87	89	88	88	77	75	76
10	80	79	80	90	86	87	87	85	86	75	74	75
11	83	80	82	90	87	88	88	84	86	75	74	75
12	85	83	84	91	88	90	89	87	88	76	74	75
13	86	83	84	90	84	87	91	89	90	76	75	75
14	87	84	85	85	83	84	90	88	90	77	76	76
15	89	85	87	87	83	85	90	88	89	79	77	77
16	89	86	87	86	82	84	90	89	90	80	77	78
17	89	87	88	84	81	83	92	87	90	81	78	79
18	90	86	88	83	79	81	88	82	86	81	78	80
19	88	85	87	78	75	77	87	84	85	81	78	80
20	90	86	88	79	76	78	88	85	87	82	78	81
21	89	85	86	80	77	79	88	86	87	82	80	81
22	90	84	87	83	77	80	87	84	86	84	80	82
23	90	87	88	83	80	82	86	84	85	85	82	83
24	93	88	91	84	82	83	86	84	85	86	83	84
25	98	93	95	85	82	83	88	86	87	87	84	85
26	101	97	99	86	82	84	87	80	83	87	83	86
27	102	88	99	87	84	86	86	84	85	85	62	71
28	91	86	88	88	84	86	86	84	85	63	58	59
29	93	88	90	89	85	87	86	85	85	59	56	58
30	92	88	90	90	87	89	85	83	84	61	57	59
31	91	87	89	---	---	---	83	80	81	62	60	61
MONTH	102	70	85	94	75	86	93	80	87	87	56	76

	FEBRUARY			MARCH			APRIL			MAY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	63	57	60	---	---	---	75	73	74	109	95	103
2	59	56	57	---	---	---	74	73	74	95	93	94
3	59	57	58	---	---	---	75	74	74	97	94	96
4	61	58	59	---	---	---	76	74	75	94	90	93
5	63	61	62	---	---	---	78	73	76	91	88	89
6	64	62	63	---	---	---	79	77	78	89	88	88
7	66	64	65	---	---	---	79	77	78	90	88	89
8	66	63	65	---	---	---	79	76	78	92	89	91
9	66	64	65	---	---	---	81	76	78	93	86	90
10	68	65	66	---	---	---	81	73	77	87	80	82
11	69	66	67	---	---	---	---	---	---	81	73	78
12	73	68	70	---	---	---	---	---	---	85	83	84
13	74	71	72	---	---	---	---	---	---	86	84	85
14	75	72	74	---	---	---	---	---	---	91	86	90
15	77	73	75	---	---	---	---	---	---	91	76	84
16	77	75	76	---	---	---	91	88	89	83	77	81
17	79	76	78	---	---	---	91	88	89	78	77	78
18	80	78	79	---	---	---	91	88	89	79	76	78
19	83	79	80	---	---	---	91	88	90	79	77	78
20	82	79	80	---	---	---	91	88	90	81	77	79
21	83	79	81	---	---	---	91	89	90	82	79	81
22	83	80	82	---	---	---	91	89	90	84	82	83
23	83	79	81	---	---	---	91	87	90	85	58	78
24	82	78	80	---	---	---	88	87	88	60	49	52
25	81	78	80	---	---	---	90	88	89	50	48	49
26	82	79	57	---	---	---	90	88	89	52	50	51
27	---	---	---	---	---	---	89	88	89	54	52	53
28	---	---	---	---	---	---	90	89	90	56	52	55
29	---	---	---	---	---	---	90	87	90	58	51	56
30	---	---	---	73	71	72	105	84	95	59	57	58
31	---	---	---	74	73	74	---	---	---	61	59	60
MONTH	83	56	70	---	---	---	105	73	84	109	48	78

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	63	60	62	56	54	55	83	81	82	105	103	105
2	65	62	64	59	56	57	85	83	84	111	99	108
3	65	63	64	60	58	59	85	84	84	104	88	98
4	64	61	63	58	50	56	95	83	86	98	94	96
5	61	59	60	52	49	50	103	89	96	97	95	96
6	59	58	59	54	44	50	88	82	84	96	93	94
7	61	59	60	50	36	44	81	80	81	95	94	94
8	63	61	62	52	50	51	82	80	81	94	90	92
9	65	63	64	54	52	52	83	80	81	93	90	92
10	66	64	65	56	53	55	85	82	84	96	93	94
11	67	66	67	58	56	57	86	83	84	95	93	94
12	69	68	69	60	58	59	85	84	84	95	93	94
13	72	69	71	62	59	60	87	84	86	102	94	98
14	73	71	72	61	54	57	88	86	87	102	92	97
15	71	63	67	57	55	56	90	87	88	102	87	93
16	72	69	70	58	55	57	92	89	91	95	87	90
17	70	64	66	58	55	57	92	90	91	93	85	89
18	64	60	62	58	51	55	91	90	90	91	83	86
19	60	55	58	56	54	55	90	89	89	88	80	84
20	59	55	56	66	52	60	91	87	90	92	82	85
21	59	46	57	92	60	63	90	88	89	98	87	92
22	46	40	42	66	64	65	92	89	91	97	83	89
23	53	47	50	68	66	67	94	91	92	89	83	87
24	54	51	53	69	68	69	96	93	95	95	87	91
25	55	50	52	72	69	70	98	95	97	100	87	92
26	56	53	54	73	71	72	100	98	99	103	90	97
27	56	55	56	75	73	74	102	99	100	90	79	84
28	56	53	55	77	75	75	102	100	101	85	79	82
29	53	50	51	78	76	77	105	100	102	83	78	80
30	55	51	53	79	78	79	106	103	104	79	75	77
31	---	---	---	82	79	81	106	105	106	---	---	---
MONTH	73	40	60	92	36	61	106	80	90	111	75	92
YEAR	111	36	79									

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	20.0	21.0	14.0	11.0	12.5	14.0	12.0	13.5	10.5	8.5	10.0
2	22.0	21.0	21.5	15.0	12.5	13.5	11.5	9.0	10.0	10.0	7.5	9.0
3	21.0	18.0	19.0	15.5	13.0	14.5	10.0	7.5	9.0	12.0	8.5	10.5
4	18.0	17.0	17.5	18.0	15.5	16.5	10.5	7.5	9.5	11.0	6.5	9.0
5	19.0	17.0	18.0	18.5	17.0	17.5	11.5	8.5	10.0	6.5	4.0	5.0
6	20.5	18.0	19.5	18.5	17.0	18.0	12.5	10.0	11.5	4.5	4.0	4.0
7	21.5	19.5	21.0	19.5	18.0	18.5	14.0	11.5	13.0	6.0	4.5	5.0
8	22.0	21.0	21.5	20.5	19.0	20.0	14.0	11.5	13.0	8.0	6.0	7.0
9	22.5	21.0	21.5	21.0	19.5	20.0	11.0	10.0	10.5	5.5	3.0	4.0
10	21.5	19.5	20.5	21.0	20.0	20.5	10.0	7.5	8.5	4.0	1.5	3.0
11	21.5	19.5	20.5	21.0	19.5	20.5	8.0	5.5	7.0	6.0	2.5	4.0
12	22.0	19.5	21.0	21.5	20.5	21.0	8.5	5.5	7.0	8.0	6.0	6.5
13	22.5	21.0	21.5	20.5	13.5	17.0	10.5	7.0	9.0	8.5	5.0	7.0
14	21.5	20.0	21.0	13.0	10.5	11.5	12.5	10.0	11.0	11.0	8.5	9.5
15	21.5	19.5	20.5	10.5	8.0	9.5	13.5	11.0	12.0	8.0	6.0	7.0
16	21.0	19.5	20.5	10.0	7.0	8.5	15.0	12.5	14.0	8.0	6.0	7.0
17	21.5	20.5	21.0	11.0	7.5	9.5	14.5	13.0	14.0	7.5	5.0	6.5
18	21.0	18.5	20.0	12.0	9.0	10.5	13.0	7.5	10.5	5.0	2.0	3.5
19	18.5	16.0	17.0	13.5	11.0	12.0	7.0	4.0	5.0	2.5	0.5	1.5
20	16.0	14.0	15.0	14.0	11.5	13.0	5.0	3.0	4.0	3.5	0.0	2.0
21	16.0	13.5	15.0	15.0	13.0	14.0	5.5	3.5	4.5	5.5	3.0	4.0
22	16.5	14.0	15.5	12.5	9.5	11.0	5.5	4.0	4.5	6.0	3.0	4.5
23	17.0	14.5	15.5	9.5	8.0	8.5	5.0	2.5	4.0	6.5	3.0	5.0
24	18.0	15.5	17.0	9.0	7.0	8.0	5.0	2.5	4.0	9.0	5.0	7.0
25	20.0	18.0	19.0	9.0	7.5	8.0	9.0	5.0	6.5	11.0	7.5	9.0
26	20.5	18.5	19.5	8.0	6.0	7.5	11.0	9.0	10.0	13.0	9.5	11.5
27	20.0	18.5	19.5	11.5	8.0	10.0	9.0	7.5	8.0	13.5	11.5	13.0
28	20.0	18.5	19.0	11.0	9.0	10.5	7.0	5.5	6.5	11.0	8.0	9.5
29	19.5	18.5	19.0	12.5	10.0	11.0	7.5	4.5	6.0	8.0	6.5	7.5
30	18.0	16.0	17.5	14.5	12.0	13.0	10.5	7.5	9.0	8.0	6.0	7.5
31	15.5	12.5	13.5	---	---	---	12.5	10.5	11.5	9.0	6.0	8.0
MONTH	22.5	12.5	19.0	21.5	6.0	13.5	15.0	2.5	9.0	13.5	0.0	6.5

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.0	20.5	21.5	23.5	22.5	23.0	26.5	24.5	25.5	22.5	21.0	22.0
2	22.5	17.0	21.5	23.5	22.5	23.0	26.5	25.5	26.0	23.5	22.0	22.5
3	22.0	17.0	20.5	23.5	22.5	22.5	25.5	23.0	24.0	22.5	22.0	22.5
4	21.5	17.0	20.5	23.0	22.5	22.5	23.5	22.0	23.0	23.5	22.0	22.5
5	19.0	18.0	18.5	23.0	22.0	22.5	23.0	21.5	22.0	23.5	22.5	23.0
6	18.0	17.0	17.5	22.0	21.5	22.0	23.5	21.5	22.5	24.0	23.0	23.5
7	19.0	17.0	18.0	22.0	21.5	21.5	24.0	22.0	23.0	23.5	23.0	23.0
8	19.5	17.5	18.5	22.5	22.0	22.0	24.5	23.0	23.5	23.5	22.0	23.0
9	21.0	18.5	20.0	23.5	22.5	23.0	24.0	22.5	23.5	24.0	22.5	23.5
10	21.5	19.0	20.5	24.0	23.0	23.5	24.5	22.5	23.5	25.0	23.0	24.0
11	22.5	20.5	21.5	24.5	23.0	24.0	24.0	23.0	23.5	22.5	19.5	21.0
12	23.0	20.5	22.0	25.5	24.0	24.5	24.5	23.0	24.0	21.0	18.0	19.5
13	23.5	21.5	22.5	25.5	24.5	25.0	25.0	23.5	24.0	21.0	20.0	20.5
14	23.5	21.0	22.5	25.5	24.0	24.5	25.5	24.0	24.5	21.0	20.0	20.5
15	22.5	21.5	22.0	25.5	22.5	24.0	25.5	24.0	25.0	20.5	20.5	20.5
16	23.5	21.5	22.5	26.0	24.0	25.0	26.0	24.5	25.5	22.0	20.0	21.0
17	23.5	22.0	22.5	26.0	24.0	25.0	25.0	24.0	24.5	21.5	20.0	21.0
18	22.5	21.5	22.0	25.0	23.0	24.0	23.5	22.0	23.0	21.5	19.5	20.5
19	22.0	21.5	22.0	24.5	22.5	23.5	22.5	21.5	22.0	21.0	19.0	20.0
20	22.5	22.0	22.0	25.5	23.5	24.0	22.0	21.0	21.5	22.0	20.0	21.0
21	22.0	21.5	22.0	26.0	24.5	25.5	21.5	21.0	21.0	22.0	21.5	21.5
22	22.0	21.5	21.5	26.5	25.0	26.0	23.0	21.5	22.0	21.5	20.0	21.0
23	22.0	21.5	21.5	26.5	25.5	26.0	24.0	22.0	23.0	20.0	17.5	19.0
24	22.0	21.5	22.0	26.5	25.0	26.0	24.0	23.0	23.5	21.5	19.5	20.5
25	22.5	21.5	22.0	27.0	25.5	26.0	24.5	23.5	24.0	21.5	19.5	21.0
26	23.5	22.0	23.0	26.0	24.5	25.5	25.0	23.5	24.5	22.5	21.0	21.5
27	23.5	23.0	23.5	26.5	25.0	26.0	25.0	23.5	24.0	23.0	22.0	22.5
28	23.5	23.0	23.5	27.0	25.5	26.5	24.0	22.5	23.5	23.5	22.0	22.5
29	24.0	23.0	23.5	27.0	25.5	26.5	24.5	22.5	23.5	23.0	22.5	22.5
30	24.0	23.0	23.5	26.5	25.5	26.0	24.5	23.5	24.0	22.5	20.5	22.0
31	---	---	---	26.5	25.0	25.5	24.0	22.0	23.0	---	---	---
MONTH	24.0	17.0	21.5	27.0	21.5	24.5	26.5	21.0	23.5	25.0	17.5	21.5
YEAR	27.0	0.0	17.0									

02177000 CHATTOOGA RIVER NEAR CLAYTON, GA.

LOCATION.--Lat 34°48'50", long 83°18'22", Oconee County, S.C., Hydrologic Unit 03060102, on left bank 150 ft (46 m) downstream from bridge on U.S. Highway 76, 2.8 mi (4.5 km) upstream from Stekoa Creek, 7 mi (11.3 km) southeast of Clayton, 9 mi (14.5 km) downstream from War Woman Creek, and 9 mi (14.5 km) upstream from confluence with Tallulah River.

DRAINAGE AREA.--207 mi^2 (536 km^2).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1907 to June 1908, October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1383: 1940-41, drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft (355.3 m) above mean sea level. May 1907 to June 1908, nonrecording gage at site 400 ft (122 m) upstream at different datum.

REMARKS.--Water-discharge record good.

AVERAGE DISCHARGE.--37 years (1939-76), 653 ft^3/s (18.5 m^3/s), 42.84 in/yr (1,088.1 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29,000 ft^3/s (821 m^3/s) Aug. 30, 1940, gage height, 13.8 ft (4.206 m), from rating curve extended above 4,700 ft^3/s (133 m^3/s) on basis of slope-area measurements at gage heights 9.9 and 13.2 ft (3.018 and 4.023 m); minimum, 88 ft^3/s (2.49 m^3/s) Oct. 8, 12, 13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 3,400 ft^3/s (96.3 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)	Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 17	1815	7830	222	6.23	1.899	May 15	1115	*18500	524	10.37	3.161
Dec. 31	1830	4740	134	4.75	1.448	May 29	0400	13500	382	8.47	2.582
Jan. 26	2330	3960	112	4.38	1.335	June 20	0930	4920	139	4.73	1.442
Apr. 1	0030	4500	127	4.67	1.423						

Minimum discharge, 255 ft^3/s (7.22 m^3/s) Sept. 24, 25, 26, gage height, 1.18 ft (0.360 m).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	793	672	1010	2420	1030	586	2750	811	1940	1030	501	398
2	1010	650	863	1430	1060	570	1570	637	1890	985	472	383
3	758	628	784	1340	927	553	1280	535	1900	941	509	373
4	695	623	737	1230	869	549	1140	511	1660	1160	481	364
5	655	607	705	1060	837	542	1050	499	1520	1400	461	363
6	625	596	683	986	822	559	984	495	1420	1130	476	354
7	603	1180	679	1000	790	531	916	1050	1360	1010	547	339
8	1720	1070	664	1210	772	523	863	730	1330	960	536	330
9	1520	821	665	1010	736	708	824	607	1300	891	543	324
10	1020	1640	649	941	707	667	796	562	1260	876	465	315
11	872	1260	618	911	699	575	775	659	1240	838	428	301
12	795	1580	601	887	675	631	753	674	1170	802	414	301
13	743	2050	589	885	663	1140	731	580	1120	773	414	296
14	710	1330	584	1120	647	791	719	965	1200	746	441	309
15	683	1110	582	951	633	718	701	9690	1100	745	418	415
16	681	1010	624	899	625	1250	685	3580	1200	766	457	348
17	3220	940	590	861	613	1060	670	2590	1420	721	410	315
18	2780	886	562	798	712	857	655	1720	1370	689	393	298
19	1690	845	535	766	845	778	648	1480	1400	674	374	287
20	1430	822	534	775	682	743	640	1320	3230	668	363	286
21	1220	942	533	759	658	835	636	1210	2070	646	374	286
22	987	830	521	736	1070	774	646	1130	1510	623	471	275
23	921	812	511	717	892	716	580	1080	1350	681	433	261
24	869	800	500	712	772	684	571	1070	1270	637	408	259
25	831	764	603	715	722	676	582	1040	1200	601	370	255
26	803	739	1550	2100	679	669	556	982	1190	572	440	507
27	780	838	992	2840	648	769	538	951	1140	662	670	705
28	752	781	802	1550	625	733	522	3330	1200	564	655	555
29	732	741	729	1200	604	684	516	7680	1130	537	734	410
30	711	727	866	1070	---	1860	516	3050	1090	544	535	562
31	676	---	2930	993	---	2340	---	2250	---	522	437	---
TOTAL	32285	28294	23795	34872	22014	25071	24813	53468	43180	24394	14630	10774
MEAN	1041	943	768	1125	759	809	827	1725	1439	787	472	359
MAX	3220	2050	2930	2840	1070	2340	2750	9690	3230	1400	734	705
MIN	603	596	500	712	604	523	516	495	1090	522	363	255
CFSM	5.03	4.56	3.71	5.43	3.67	3.91	4.00	8.33	6.95	3.80	2.28	1.73
IN.	5.80	5.08	4.28	6.27	3.96	4.51	4.46	9.61	7.76	4.38	2.63	1.94

CAL YR 1975 TOTAL 311315 MEAN 853 MAX 3850 MIN 233 CFSM 4.12 IN 55.95
WTR YR 1976 TOTAL 337590 MEAN 922 MAX 9690 MIN 255 CFSM 4.45 IN 60.67

02185200 LITTLE RIVER NEAR WALHALLA, S.C.

LOCATION.--Lat 34°50'11", long 82°58'48", Oconee County, Hydrologic Unit 03060101, on downstream side of bridge on State Road 24, 0.5 mi (0.8 km) downstream from Oconee Creek, 3.5 mi (5.6 km) south of Salem and 6.5 mi (10.5 km) northeast of Walhalla.

DRAINAGE AREA.--72.0 mi^2 (186.5 km^2).

PERIOD OF RECORD.--March 1967 to current year.

GAGE.--Water-stage recorder. Altitude of gage is 810 ft (247 m) (from topographic map).

REMARKS.--Records good, except period of no gage-height record which is poor.

AVERAGE DISCHARGE.--9 years, 188 ft^3/s (5.324 m^3/s), 35.46 in/yr (901 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,400 ft^3/s (408 m^3/s) June 4, 1967, gage height, 12.29 ft (3.746 m); minimum, 15 ft^3/s (0.42 m^3/s) July 11-20, Oct. 3-8, 1970.

EXTREMES FOR CURRENT YEAR.--Peak discharge above base of 1,500 ft^3/s (42.5 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)	Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Oct. 17	1830	2510	71.1	5.01	1.527	Mar. 31	2100	2610	73.9	5.10	1.554
Nov. 13	unknown	2630	74.5	5.12	1.561	May 15	1215	3510	99.4	5.92	1.804
Dec. 31	1430	2300	65.1	4.81	1.466	May 29	unknown	*10100	286	*10.30	3.139
Jan. 26	1715	1970	55.8	4.46	1.359						

Minimum daily, 70 ft^3/s (1.98 m^3/s) Sept. 24, 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	191	145	265	510	332	162	804	281	365	218	130	110
2	228	162	218	319	314	162	430	201	360	205	120	100
3	183	159	204	314	285	162	337	176	420	199	130	100
4	174	157	194	281	273	159	301	159	346	265	130	95
5	158	155	187	253	261	159	277	159	314	284	120	95
6	149	153	180	241	249	162	249	159	289	241	120	95
7	142	317	201	269	249	155	245	550	273	222	130	95
8	325	243	220	297	245	152	237	261	257	204	160	95
9	276	201	210	261	237	215	229	211	249	195	180	93
10	208	220	190	245	233	183	204	190	249	191	140	91
11	182	250	180	237	233	169	208	208	314	183	120	84
12	165	600	170	218	225	218	211	197	301	177	110	84
13	154	1500	170	218	218	420	208	180	293	170	110	85
14	147	400	170	257	208	237	204	261	305	163	110	95
15	141	300	170	218	208	229	201	1300	285	162	110	120
16	138	250	180	215	173	660	197	800	238	159	120	100
17	931	220	170	211	169	375	194	500	264	154	120	90
18	615	200	162	208	197	289	187	450	332	148	110	85
19	325	200	159	241	187	257	166	260	248	145	100	80
20	253	208	159	237	173	245	176	220	379	149	95	80
21	220	222	155	233	173	261	180	210	272	158	95	75
22	200	194	152	226	265	237	173	190	295	142	110	75
23	186	204	152	218	204	215	173	180	427	143	120	75
24	176	197	146	208	190	215	173	170	235	140	110	70
25	170	187	183	211	187	215	173	170	211	141	100	70
26	169	180	415	954	180	211	169	160	235	139	110	120
27	165	204	237	966	176	218	162	170	227	201	130	210
28	159	190	201	460	173	204	159	800	228	148	180	150
29	156	183	187	355	169	201	159	2000	245	159	220	120
30	152	183	253	319	---	420	166	900	243	152	160	150
31	145	---	1190	289	---	1170	---	495	---	140	130	---
TOTAL	6983	7984	7030	9688	6386	8337	6952	12168	8699	5497	3930	2987
MEAN	225	266	227	313	220	269	232	393	290	177	127	99.6
MAX	931	1500	1190	966	332	1170	804	2000	427	284	220	210
MIN	138	145	146	208	169	152	159	159	211	139	95	70
CFSM	3.13	3.69	3.15	4.35	3.06	3.74	3.22	5.46	4.03	2.46	1.76	1.38
IN.	3.61	4.13	3.63	5.01	3.30	4.31	3.59	6.29	4.49	2.84	2.03	1.54

CAL YR 1975 TOTAL 79241 MEAN 217 MAX 1940 MIN 55 CFSM 3.01 IN 40.94
WTR YR 1976 TOTAL 86641 MEAN 237 MAX 2000 MIN 70 CFSM 3.29 IN 44.76

Note: No gage-height record July 31 to Sept. 9.

02187250 HARTWELL LAKE NEAR HARTWELL, GA.

LOCATION.--Lat 34°21'25", long 82°49'20", Hart County (Ga.) - Anderson County (S.C.), Hydrologic Unit 03060103, Ga.-S.C. State line, in right spillway elevator tower of dam on Savannah River, 0.9 mi (1.4 km) upstream from Big Generostee Creek, 6.4 mi (10.3 km) east of Hartwell, and at mile 305.0 (490.7 km).

DRAINAGE AREA.--2,088 mi^2 (5,408 km^2).

PERIOD OF RECORD.--October 1959 to September 1961 (elevations and contents at end of month), October 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is at mean sea level (levels by Corps of Engineers). Prior to Oct. 1, 1961, recording or nonrecording gage at several sites near dam at same datum.

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed in 1961. Storage began in February 1961. Usable capacity, 74,430,000,000 ft^3 (2,108,000,000 m^3) between elevations 625.0 ft (190.50 m) (normal limit of drawdown) and 665 ft (202.7 m) (top of spillway gates). Dead storage below 625.0 ft (190.50 m), 49,400,000,000 ft^3 (1,339,000,000 m^3). Figures given herein represent usable contents. Elevation of spillway crest, 630.0 ft (192.02 m). Water is used for flood control, generation of power, and in the interest of navigation below Augusta.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 665.47 ft (202.835 m) Apr. 8, 1964; minimum, 626.70 ft (191.018 m) Oct. 16, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 664.09 ft (202.415 m) May 31; minimum, 655.16 ft (199.693 m) Dec. 24.

Capacity table (elevation, in feet and meters) and usable contents (in billions of cubic feet and million of cubic meters)
(Computed from table prepared by Corps of Engineeers)

655.0 ft (199.64 m)	50.02 ft^3 (1,417.0 m^3)
660.0 ft (201.17 m)	61.66 ft^3 (1,746.0 m^3)
665.0 ft (202.69 m)	74.43 ft^3 (2,108.0 m^3)

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	659.99	659.24	656.90	655.98	658.56	658.82	661.68	660.22	663.70	661.59	659.36	657.39
2	660.18	659.28	656.88	656.03	658.59	658.72	661.40	660.31	663.45	661.35	659.25	657.38
3	660.21	659.11	657.07	656.25	658.57	658.61	661.40	660.27	663.36	661.48	659.20	657.19
4	660.31	658.84	657.18	656.44	658.61	658.44	661.64	660.24	662.95	662.01	659.17	657.19
5	660.38	658.59	657.30	656.40	658.49	658.29	661.42	660.21	662.51	662.38	659.10	657.24
6	660.39	658.30	657.54	656.45	658.38	658.46	661.11	660.06	662.46	662.23	659.11	657.26
7	660.24	658.23	657.66	656.55	658.67	658.53	660.82	660.15	662.17	662.21	659.20	657.23
8	660.21	658.40	657.78	656.56	658.86	658.63	660.47	660.25	661.99	662.00	659.23	657.23
9	660.20	658.53	657.65	656.47	658.77	658.95	660.22	660.31	661.64	661.95	659.10	657.10
10	660.20	658.48	657.54	656.63	658.58	658.91	660.37	660.33	661.26	662.04	659.07	657.02
11	660.32	658.48	657.28	656.76	658.32	658.85	660.47	660.58	660.79	662.07	659.01	657.03
12	660.41	658.73	656.93	656.81	658.18	659.25	660.35	660.76	660.80	662.18	658.83	657.03
13	660.33	658.99	656.90	656.91	657.98	659.77	660.10	660.85	660.89	661.93	658.67	656.91
14	660.26	659.21	657.07	656.95	658.11	659.90	660.03	660.79	661.07	661.85	658.70	657.05
15	660.12	659.31	656.86	656.99	658.26	660.07	660.10	662.12	661.10	661.70	658.82	657.01
16	659.93	659.45	656.57	656.91	658.16	661.17	660.17	662.54	661.17	661.43	658.73	656.90
17	660.53	659.27	656.29	657.14	658.16	661.36	660.21	662.49	661.45	661.52	658.63	656.85
18	660.91	658.99	655.82	657.24	658.18	661.37	660.29	662.10	661.60	661.56	658.62	656.88
19	661.06	658.90	655.61	657.24	658.20	661.32	660.32	661.66	661.79	661.32	658.57	656.94
20	660.99	658.65	655.62	657.22	658.16	661.49	660.29	661.22	662.11	661.03	658.52	657.14
21	660.79	658.58	655.66	657.15	658.33	661.63	660.16	660.75	662.45	660.66	658.53	657.08
22	660.59	658.48	655.46	657.15	658.52	661.64	660.18	660.89	662.32	660.29	658.48	656.96
23	660.49	658.66	655.25	657.21	658.43	661.57	660.11	660.98	662.15	660.00	658.37	656.84
24	660.24	658.52	655.17	657.30	658.51	661.33	660.17	660.98	662.07	659.79	658.23	656.64
25	660.28	658.16	655.29	657.39	658.54	661.10	660.22	660.90	662.13	659.61	657.86	656.52
26	660.34	657.85	655.28	658.04	658.67	660.89	660.20	660.76	661.97	659.37	657.69	656.69
27	660.33	657.37	655.44	658.44	658.70	660.95	660.14	660.63	661.98	659.38	657.70	656.47
28	660.28	656.91	655.52	658.44	658.84	661.04	660.11	661.26	661.88	659.31	657.73	656.38
29	659.97	656.86	655.46	658.30	658.93	660.74	660.04	663.61	661.86	659.40	657.75	656.29
30	659.62	656.96	655.42	658.07	---	660.64	660.07	664.06	661.71	659.28	657.62	656.26
31	659.18	---	655.63	658.25	---	661.55	---	663.98	---	659.34	657.50	---
MAX	661.06	659.45	657.78	658.44	658.93	661.64	661.68	664.06	663.70	662.38	659.36	657.39
MIN	659.18	656.86	655.17	655.98	657.98	658.29	660.03	660.06	660.79	659.28	657.50	656.26
(†)	59.68	54.45	51.43	57.47	59.08	65.50	61.83	71.73	65.90	60.07	55.71	52.85
(‡)	-650	-2,017	-1,128	2,255	643	2,397	-1,416	3,696	-2,249	-2,177	-1,628	-1,103

CAL YR 1975 ‡ -20 MAX 664.33 MIN 655.17
WTR YR 1976 ‡ -271 MAX 664.06 MIN 655.17

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

02187500 SAVANNAH RIVER NEAR IVA, S.C.

LOCATION.--Lat 34°15'20", long 82°44'42", Anderson County, Hydrologic Unit 03060103, on left bank at downstream side of bridge on State Highway 184, 0.5 mi (0.8 km) upstream from Little Generostee Creek, 5.8 mi (9.3 km) southwest of Iva, and at mile 296.5 (477.1 km).

DRAINAGE AREA.--2,231 mi^2 (5,778 km^2).

PERIOD OF RECORD.--October 1949 to current year. Monthly discharge only for some periods, published in WSP 1303.

GAGE.--Water-stage recorder. Datum of gage is 432.26 ft (131.753 m) above mean sea level (levels by Corps of Engineers).

REMARKS.--Records good. Flow regulated by powerplants above station, by Burton and Mathis Reservoirs, and by Hartwell Lake (see sta 02187250).

AVERAGE DISCHARGE.--27 years, 4,422 ft^3/s (125 m^3/s), 26.92 in/yr (684 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 54,400 ft^3/s (1,540 m^3/s) Mar. 12, 1952, gage height, 12.74 ft (3.883 m); minimum, 75 ft^3/s (2.12 m^3/s) Oct. 24, 1961; minimum daily, 78 ft^3/s (2.21 m^3/s) Oct. 23, 24, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 29,600 ft^3/s (838 m^3/s) Mar. 31, gage height, 8.23 ft (2.508 m); minimum, 114 ft^3/s (3.23 m^3/s) Sept. 19; minimum daily, 126 ft^3/s (3.57 m^3/s) Sept. 19.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10100	1760	4500	3520	476	11000	13100	842	17000	8490	720	5190
2	3520	252	9000	5790	7880	6040	16700	383	18200	11800	4480	5580
3	2390	8000	8000	797	6560	6400	6560	3880	18400	991	3080	7240
4	1050	10300	7000	853	4450	7320	1250	4300	18400	830	3000	1590
5	282	11100	6000	7800	7560	7640	14600	4360	17900	1980	4630	390
6	6560	10800	2000	3580	7920	934	16500	8720	9580	9750	4630	450
7	11700	9940	500	4300	1220	413	15900	4300	17000	11000	1040	3150
8	12000	991	6320	4950	330	4060	14900	1000	17100	11100	764	3180
9	8990	294	9980	11900	8770	4600	13200	315	17200	10400	5860	6840
10	6560	8540	15200	1650	9800	5160	1260	4210	17200	1030	3000	3490
11	888	5370	13700	368	11600	5230	405	3610	17200	4420	5300	808
12	282	5230	13600	3670	9410	4640	12400	2550	6160	9440	7440	690
13	6440	12400	1890	3880	11300	2150	13400	3910	1120	10300	7800	2010
14	6760	11700	323	3970	3200	830	5970	8450	2330	10100	1030	3250
15	7720	1260	9800	8950	405	6120	6520	2730	2630	10400	753	2930
16	9080	353	12800	8590	7320	9670	5230	1520	3250	11100	5750	5480
17	5440	9800	12100	3910	3820	8000	1030	13500	3670	1160	5790	3080
18	1890	12600	16900	1340	4360	6920	353	17300	3100	753	3200	390
19	612	11900	11000	8500	4480	6400	3490	18500	509	9210	3050	126
20	9400	11500	3640	6640	6200	1120	10600	18500	458	12600	3030	5750
21	10300	7960	345	5020	1140	578	9980	18500	6760	13600	887	4000
22	10200	8590	8360	7320	1530	6240	10200	1460	8540	13700	3670	4840
23	10900	1060	8630	5440	8150	7160	10200	294	11200	11400	12400	4880
24	11200	5000	3970	957	5340	9580	980	6720	10200	9530	10100	7320
25	1070	17000	700	294	5060	10900	330	7160	13600	6320	11500	5300
26	282	16000	6680	3610	6560	10200	4240	8140	9570	11600	6560	933
27	8990	16000	865	13700	6120	3880	4740	10400	4670	3350	7200	11300
28	9350	16000	315	11600	1250	484	4780	7040	9260	4240	1710	4210
29	13900	3500	6840	11600	323	12800	4780	5340	8900	4270	956	7400
30	16300	2000	6840	12400	---	15300	4450	4240	8850	4240	5890	3280
31	16000	---	9260	1350	---	16900	---	16400	---	945	3970	---
TOTAL	220156	237200	217058	168249	152534	198669	228048	208574	299957	230049	139190	115077
MEAN	7102	7907	7002	5427	5260	6409	7602	6728	9999	7421	4490	3836
MAX	16300	17000	16900	13700	11600	16900	16700	18500	18400	13700	12400	11300
MIN	282	252	315	294	323	413	330	294	458	753	720	126

CAL YR 1975 TOTAL 2297259 MEAN 6294 MAX 19200 MIN 252
WTR YR 1976 TOTAL 2414761 MEAN 6598 MAX 18500 MIN 126

02189000 SAVANNAH RIVER NEAR CALHOUN FALLS, S.C.

LOCATION.--Lat 34°04'15", long 82°38'30", Abbeville County, Hydrologic Unit 03060103, on left bank 150 ft (46 m) upstream from bridge on State Highway 72, 1.0 mi (1.6 km) downstream from Seaboard Coast Line Railroad bridge, 1.5 mi (2.4 km) downstream from Rocky River, 3.0 mi (4.8 km) southwest of Calhoun Falls, and at mile 279.7 (450.0 km).

DRAINAGE AREA.--2,876 mi^2 (7,449 km^2).

PERIOD OF RECORD.--August 1896 to August 1898, March 1899 to December 1900, January to December 1903, March 1930 to July 1932, April 1938 to current year. Published as "at Calhoun Falls" 1897-99. Records for January 1901 to December 1902, published in WSP 65, 75, and 83 have been found unreliable, and should not be used. Gage-height records collected at original site 1.0 mi (1.6 km) upstream during 1899-1928 and at present site since 1928 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 363.53 ft (110.804 m) above mean sea level. Prior to July 1, 1928, nonrecording gage at railroad bridge 1.0 mi (1.6 km) upstream at datum about 369.0 ft (112.47 m) above mean sea level.

REMARKS.--Records good. Flow regulated by powerplants above station, by Burton and Mathis Reservoirs, and by Hartwell Lake (see sta 02187250).

AVERAGE DISCHARGE.--41 years (1896-97, 1899-1900, 1930-31, 1938-76), 5,249 ft^3/s (148.7 m^3/s), 24.79 in/yr (630 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 96,500 ft^3/s (2,730 m^3/s), Aug. 13, 1940, gage height, 11.52 ft (3.511 m), from rating curve above 50,000 ft^3/s (1,420 m^3/s) by velocity-area studies; minimum daily, 300 ft^3/s (8.50 m^3/s) Nov. 5, 1961.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 25, 1908 reached a stage of 28.2 ft (8.60 m) at original site and datum, from records of National Weather Service, discharge, 144,000 ft^3/s (4,080 m^3/s), from rating curve extended above 14,000 ft^3/s (396 m^3/s).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 39,400 ft^3/s (1,120 m^3/s) Mar. 16, gage height, 6.72 ft (2.048 m); minimum daily, 982 ft^3/s (27.8 m^3/s) Sept. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12000	7550	4300	8680	1550	8250	19700	2420	18100	8540	1290	3900
2	6730	1110	7850	5970	7150	8980	18000	1150	19700	10400	3440	6230
3	3110	4710	7800	3080	7750	6640	12000	3030	19900	5630	3800	8540
4	3060	10500	7800	1590	6510	7200	3970	4800	20000	1020	3210	2890
5	1190	12000	6370	6510	6870	9520	11800	4590	20400	3800	4370	1630
6	4200	11400	2820	6150	9100	3030	17300	8800	12500	9230	4900	982
7	12900	11300	1130	5290	5020	1170	17600	5200	16000	12800	2780	2160
8	13200	5650	4340	5380	1340	3850	17200	2880	18000	12600	1290	3290
9	11100	1200	9040	10100	6550	5340	15300	1180	18100	9730	4960	5140
10	7550	5880	15800	7000	10700	5340	5520	3060	18100	5970	3600	5480
11	4180	7550	14400	1340	12800	5830	1330	4590	18200	3000	4340	2160
12	1240	4890	15900	3080	10600	6190	9880	3580	7950	9560	8140	1080
13	5250	13200	6240	4550	12600	5970	14100	3460	4800	10700	7980	1660
14	7300	13400	1540	4630	6730	2680	8740	8260	1590	11100	3450	5480
15	7850	6100	6330	7450	1550	6100	6730	5240	3290	10900	1280	3230
16	10200	1390	12900	10400	6150	20500	6150	5400	3740	12400	4640	4550
17	7650	6150	13400	5790	4980	14100	3730	10600	4090	3980	6280	4530
18	6820	13500	16700	3310	4590	11100	1200	18200	3590	1320	4030	2600
19	3000	13400	15900	7600	5070	7500	1920	19900	2460	6990	3310	1100
20	5880	12900	7100	8050	5290	4840	8860	19900	1230	11500	3220	3530
21	11400	8350	1770	4500	4050	1840	11300	19800	5560	13900	2230	5300
22	11200	10700	6460	7750	1540	5970	10400	7260	8920	15100	2120	5130
23	12200	4750	9340	7800	7300	6730	11300	1110	11800	14000	9850	5230
24	11900	8000	5560	2940	7750	9820	5070	5680	9660	10700	12600	6190
25	5790	14600	2710	1020	5790	12900	1130	7830	14100	4780	10300	5470
26	1300	18000	4220	2540	6420	11700	3730	8930	12600	12900	9270	4560
27	6600	16900	4590	13700	7100	8150	4590	11400	5740	6350	7190	8560
28	10100	18000	1070	16900	3810	2030	5110	8170	9620	4380	3380	6720
29	12800	11200	4180	13400	1130	10000	5160	7710	10000	4810	1910	5550
30	17300	3030	7650	14600	---	16800	5250	9080	9510	4790	4140	6010
31	17100	---	9040	7000	---	19300	---	14300	---	2770	4880	---
TOTAL	252100	277310	234250	208100	177790	249370	264070	237510	329250	255650	148180	128882
MEAN	8132	9244	7556	6713	6131	8044	8802	7662	10980	8247	4780	4296
MAX	17300	18000	16700	16900	12800	20500	19700	19900	20400	15100	12600	8560
MIN	1190	1110	1070	1020	1130	1170	1130	1110	1230	1020	1280	982

CAL YR 1975 TOTAL 2701800 MEAN 7402 MAX 38400 MIN 868
WTR YR 1976 TOTAL 2762462 MEAN 7548 MAX 20500 MIN 982

02194500 CLARK HILL LAKE NEAR CLARKS HILL, S.C.

LOCATION.--Lat 33°39'40", long 82°12'00", Columbia County (Ga.) - McCormick County (S.C.), Hydrologic Unit 03060103, Ga.-S.C. State Line, in left spillway elevator tower of dam on Savannah River, 1.6 mi (2.6 km) west of Clarks Hill, 3.7 mi (6.0 km) upstream from Kiokee Creek, and at mile 237.7 (382.5 km).

DRAINAGE AREA.--6,150 mi^2 (15,900 km^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 at mean sea level (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 (2,134,000,000 m^3) between elevations 305.0 ft (92.96 m) (normal limit of drawdown) and 335.0 ft (102.11 m) (top of spillway gates). Dead storage below 305.0 ft (92.96 m), 50,960,000,000 ft^3 (1,443,000,000 m^3). Figures given herein represent usable contents. Elevation of spillway crest, 300.0 ft (91.44 m). Water is used for flood control, generation of power, and navigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 336.72 ft (102.632 m) Apr. 9, 1964; minimum, 296.48 ft (90.367 m) Feb. 1, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 333.43 ft (101.629 m) Mar. 19; minimum 326.01 ft (99.368 m) Dec. 29.

Capacity table (elevation, in feet and meters) and usable contents (in billions of cubic feet and millions of cubic meters)
(Computed from table prepared by Corps of Engineers)

315.0 ft (96.01 m)	18.73 ft^3 (530.4 m^3)
320.0 ft (97.54 m)	30.06 ft^3 (851.3 m^3)
325.0 ft (99.06 m)	43.12 ft^3 (1,221.0 m^3)
330.0 ft (100.58 m)	58.37 ft^3 (1,653.0 m^3)
336.0 ft (102.41 m)	78.84 ft^3 (2,233.0 m^3)

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	330.11	329.15	327.90	327.12	327.97	327.86	330.05	329.76	333.03	331.24	330.37	329.06
2	330.10	328.96	327.58	327.26	327.72	327.98	330.29	329.74	332.83	331.22	330.26	329.03
3	329.99	328.59	327.31	327.36	327.65	328.03	330.29	329.66	332.72	331.29	330.14	329.10
4	329.96	328.37	327.21	327.31	327.47	328.07	330.07	329.59	332.47	331.27	330.04	329.01
5	329.91	328.25	327.10	327.23	327.31	328.21	329.86	329.54	332.21	331.52	329.96	328.97
6	329.78	328.22	327.00	327.22	327.19	328.21	329.77	329.58	331.80	331.99	329.93	328.77
7	329.91	328.41	326.90	327.22	327.08	328.18	329.69	329.65	331.42	332.25	329.84	328.62
8	330.17	328.49	326.63	327.18	326.91	328.16	329.84	329.64	331.10	332.21	329.80	328.52
9	330.40	328.42	326.54	327.12	326.68	328.25	329.92	329.62	330.88	332.12	329.77	328.45
10	330.48	328.41	326.59	327.07	326.64	328.32	329.84	329.51	330.82	332.02	329.63	328.44
11	330.49	328.50	326.57	326.96	326.79	328.34	329.72	329.50	330.87	331.92	329.57	328.31
12	330.41	328.62	326.72	326.74	326.90	328.50	329.64	329.45	330.82	331.74	329.61	328.22
13	330.31	328.81	326.70	326.59	327.03	329.09	329.71	329.39	330.85	331.59	329.63	328.03
14	330.28	328.86	326.59	326.46	327.07	329.46	329.72	329.44	330.70	331.43	329.56	328.21
15	330.28	328.88	326.37	326.33	327.07	329.56	329.64	329.73	330.61	331.28	329.51	328.16
16	330.29	328.80	326.38	326.43	327.06	331.31	329.61	330.33	330.76	331.20	329.46	328.08
17	330.39	328.56	326.42	326.44	327.10	332.68	329.61	330.42	330.75	330.99	329.45	328.07
18	330.52	328.52	326.57	326.34	327.15	333.31	329.53	330.18	330.70	330.79	329.37	327.97
19	330.54	328.49	326.58	326.30	327.15	333.21	329.37	329.99	330.71	330.50	329.25	327.88
20	330.22	328.50	326.56	326.44	327.18	332.83	329.34	330.00	330.67	330.35	329.14	327.74
21	330.10	328.43	326.47	326.43	327.14	332.41	329.54	330.15	330.62	330.28	329.04	327.75
22	329.95	328.50	326.34	326.49	327.34	332.02	329.71	330.11	330.59	330.31	328.95	327.64
23	329.85	328.52	326.35	326.51	327.47	331.60	329.87	330.15	330.71	330.41	329.01	327.58
24	329.89	328.19	326.24	326.45	327.62	331.24	329.91	330.17	330.77	330.56	329.18	327.54
25	329.85	328.10	326.21	326.34	327.68	330.99	329.86	330.23	330.89	330.49	329.28	327.52
26	329.74	328.06	326.23	326.36	327.77	330.71	329.76	330.27	331.12	330.64	329.40	327.62
27	329.39	328.12	326.24	326.93	327.81	330.47	329.75	330.35	331.17	330.67	329.40	327.56
28	329.17	328.25	326.14	327.48	327.79	330.16	329.71	330.70	331.22	330.62	329.35	327.60
29	329.01	328.30	326.12	327.74	327.80	329.82	329.69	331.28	331.28	330.58	329.31	327.68
30	329.05	328.24	326.39	327.88	---	329.75	329.77	332.10	331.29	330.51	329.19	327.65
31	329.19	---	326.83	327.90	---	329.88	---	332.75	---	330.42	329.15	---
MAX	330.54	329.15	327.90	327.90	327.97	333.31	330.29	332.75	333.03	332.25	330.37	329.10
MIN	329.01	328.06	326.12	326.30	326.64	327.86	329.34	329.39	330.59	330.28	328.95	327.52
(+)	55.90	53.00	48.70	51.97	51.66	58.00	57.67	67.71	62.75	59.80	55.78	51.20
(*)	-877	-1,119	-1,605	1,221	-124	2,367	-127	3,749	-1,914	-1,101	-1,501	-1,767

CAL YR 1975 * 93 MAX 334.40 MIN 325.86
WTR YR 1976 * -223 MAX 333.31 MIN 326.12

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

02196000 STEVENS CREEK NEAR MODOC, S.C.

LOCATION.--Lat 33°43'45", long 82°10'55", Edgefield County, Hydrologic Unit 03060107, on left bank at bridge on State Highway 23, 1.4 mi (2.3 km) east of Modoc, and 3.2 mi (5.1 km) downstream from Turkey Creek.

DRAINAGE AREA.--545 mi^2 (1,412 km^2).

PERIOD OF RECORD.--November 1929 to September 1931, February 1940 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1032: Drainage area. WSP 1533: 1954(M).

GAGE.--Water-stage recorder. Datum of gage is 197.34 ft (60.149 m) above mean sea level (levels by Southeastern Power Administration). October 15, 1929, to Sept. 30, 1931, nonrecording gage at site 1,100 ft (340 m) upstream at different datum.

REMARKS.--Records good. Slight diurnal fluctuation during low flow caused by small mills above station.

AVERAGE DISCHARGE.--37 years (1930-31, 1940-75), 413 ft^3/s (11.70 m^3/s) 10.29 in/yr (261 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft^3/s (994 m^3/s) Aug. 14, 1940; maximum gage height, 41.08 ft (12.521 m) Aug. 14, 1940; no flow Sept. 14, 15, Sept. 24 to Nov. 16, Nov. 22, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 6,000 ft^3/s (170 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Jan. 1	0700	7900	224	21.38	6.517
Mar. 17	0700	*12100	343	*25.97	7.916
July 7	0700	7140	202	20.43	6.227

Minimum daily, 11 ft^3/s (0.31 m^3/s) Sept. 12.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	37	90	5380	333	182	335	92	187	134	30	17
2	60	37	115	1250	1080	176	275	140	140	103	31	16
3	44	39	140	639	717	172	230	124	149	78	27	17
4	40	38	109	492	447	166	208	88	495	113	27	26
5	36	37	96	400	355	161	193	72	275	4310	25	25
6	36	41	90	320	315	161	180	65	168	4540	20	20
7	42	68	96	330	293	170	174	64	126	5020	23	21
8	57	1170	164	2330	263	164	170	73	103	1270	26	16
9	107	858	323	1240	240	310	161	92	87	534	218	14
10	136	228	348	612	223	849	153	101	90	345	73	15
11	90	164	275	450	208	413	145	85	115	283	46	12
12	67	774	187	403	198	285	140	72	92	215	36	11
13	55	3340	153	373	187	4010	132	67	78	174	31	12
14	48	762	130	333	182	2190	128	64	70	149	29	33
15	45	320	122	298	178	837	124	88	65	122	29	305
16	45	215	124	265	172	7080	119	328	68	103	28	260
17	115	172	164	255	170	10400	111	355	290	90	44	122
18	203	151	898	243	172	3050	105	193	395	80	41	69
19	223	132	487	215	208	890	98	113	208	72	31	47
20	124	119	270	195	220	639	94	85	789	68	24	39
21	83	113	210	195	182	528	92	69	624	63	21	35
22	68	107	185	200	441	483	90	63	895	60	22	29
23	61	103	164	191	940	395	85	238	395	56	30	29
24	55	101	149	185	415	345	82	561	238	54	24	29
25	51	111	138	182	280	318	80	325	208	50	27	29
26	48	103	293	187	240	300	76	215	145	46	26	27
27	50	94	582	777	223	283	75	157	136	44	24	31
28	45	88	315	1720	205	273	72	195	200	43	23	39
29	45	88	223	798	191	255	67	1320	161	42	21	75
30	46	85	828	477	---	253	72	735	193	59	22	579
31	41	---	5290	363	---	368	---	370	---	20	19	---
TOTAL	2221	9695	12756	21298	9278	36106	4066	6609	7185	18340	1098	1999
MEAN	71.6	323	411	687	320	1165	136	213	240	592	35.4	66.6
MAX	223	3340	5290	5380	1080	10400	335	1320	895	5020	218	579
MIN	36	37	90	182	170	161	67	63	65	20	19	11
CFSM	.13	.59	.75	1.26	.59	2.14	.25	.39	.44	1.09	.06	.12
IN.	.15	.66	.87	1.45	.63	2.46	.28	.45	.49	1.25	.07	.14

CAL YR 1975 TOTAL 248553 MEAN 681 MAX 13300 MIN 36 CFSM 1.25 IN 16.97
WTR YR 1976 TOTAL 130651 MEAN 357 MAX 10400 MIN 11 CFSM .66 IN 8.92

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 (0.3 km) upstream from Butler Creek, 12.0 mi (19.3 km) downstream from Augusta, and at mile 187.4 (301.5 km).

DRAINAGE AREA.--7,508 mi^2 (19,446 km^2), including that of Butler Creek.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1883 to December 1891, January 1896 to December 1906, January 1925 to current year. Monthly discharges only for some periods, published in WSP 1303. Gage-height records collected at site of Fifth Street gage from 1875 to 1952 and at New Savannah Bluff lock and dam sites since 1937 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1303: 1927-39 (monthly runoff). WSP 1433: 1888, 1896-99, 1902-03, 1906-07, and 1932 (M).

GAGE.--Water-stage recorder. Datum of gage is 96.58 ft (29.438 m) above mean sea level (Corps of Engineers bench mark). Oct. 1, 1883 to Dec. 31, 1891, Jan. 1, 1896, to Dec. 31, 1906, Jan. 1, 1925, to Sept. 30, 1932, nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft (31.108 m) above mean sea level (levels by Southeastern Engineering Co.). Oct. 1, 1932, to Sept. 30, 1936, recording gage at Thirteenth Street Bridge at datum 104.56 ft (31.870 m) above mean sea level (levels by Corps of Engineers). Oct. 1, 1936, to Nov. 10, 1948, recording gage at site 0.2 mi (0.3 km) downstream from present site and at present datum.

REMARKS.--Records good. Flow regulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see sta 02194500) and by other powerplants above station.

AVERAGE DISCHARGE.--69 years, 10,200 ft^3/s (289 m^3/s), 18.45 in/yr (469 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 350,000 ft^3/s (9,910 m^3/s) Oct. 3, 1929; maximum gage height, 46.3 ft (14.11 m) Sept. 27, 1929 (at site and datum then in use); minimum discharge, 648 ft^3/s (18.4 m^3/s) Sept. 24, 1939, from rating curve extended below 1,400 ft^3/s (39.6 m^3/s); minimum daily, 1,040 ft^3/s (29.5 m^3/s) Oct. 2, 1927.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood known occurred in 1796, discharge 360,000 ft^3/s (19,200 m^3/s) gage height, 40 ft (12.2 m), marked by local residents, (at site and datum of Fifth Street gage) by conveyance-slope study.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 33,300 ft^3/s (943 m^3/s) June 5, gage height, 20.27 ft (6.178 m); minimum daily, 6,750 ft^3/s (191 m^3/s) Sept. 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8220	12700	11800	18100	12300	7590	22900	8180	20000	12100	7630	7080
2	8710	10900	17900	16200	11800	7160	22900	7980	26800	11600	7010	7350
3	9780	11700	19700	10600	16000	7630	21900	7300	30500	10300	6930	7470
4	9250	16600	17900	10100	16100	7700	20000	7310	31500	8450	7360	7550
5	7660	16300	14100	9900	15500	7430	17400	7540	31900	8960	7780	7540
6	6810	14900	11600	12100	15600	7800	21100	7620	31100	15300	7790	7180
7	7820	13300	9720	12000	15700	7730	22300	7530	31300	21100	7660	7020
8	9340	12000	10300	14000	12200	7220	21500	7680	31200	24200	7490	7170
9	9450	9840	14300	19800	11800	7260	15500	7760	29900	19800	6820	7500
10	9220	8210	15400	15700	14900	7540	13200	6840	27000	16500	6900	7520
11	9120	8690	15400	13100	13000	8010	11000	6980	22100	13300	7430	7480
12	8250	8880	14700	12400	10700	7720	10300	7350	16100	11900	7650	7450
13	8000	13100	12100	13300	10400	8070	12700	7560	11700	15800	7630	6750
14	8850	16600	10300	13600	9460	12200	12700	7840	9080	16300	7850	6840
15	9270	14000	10400	13200	7520	11000	12100	7640	8180	16600	7640	8610
16	9810	10700	13800	13100	8700	18400	10900	7710	8740	16500	6930	8760
17	10100	10500	15100	11000	8090	24500	8920	8220	8700	15500	7010	8200
18	11400	14400	16400	10000	7710	27500	7540	23600	8510	12500	7080	7920
19	10200	15500	16600	10700	7350	29000	7620	28600	8500	11400	7330	7750
20	10300	15000	15100	10900	7570	29500	8020	25600	9280	15700	7500	7080
21	17000	13300	12100	8520	8280	29500	10700	19000	9740	16300	7660	7170
22	16300	12200	10100	8210	7470	28500	8330	14400	12300	16400	7380	7500
23	16100	10900	11700	8190	7300	27500	7560	10300	11300	13400	6940	7620
24	15600	11600	11400	9060	7780	26500	7350	9620	11700	11100	7080	7800
25	12000	16800	10900	8140	8160	25500	7140	12000	11100	7530	7640	8130
26	9800	17400	9120	7860	7590	24400	7150	11100	9880	8790	7810	8000
27	10100	17300	9060	8310	7340	22400	7180	11400	8950	8800	7640	7350
28	15800	16700	8320	13100	7980	20900	7200	11200	9090	8690	7790	8480
29	18000	13300	8380	17600	7850	18000	7370	11500	10600	8530	7410	8090
30	17000	11200	8500	16300	---	22600	7540	13200	11600	7990	7060	8060
31	14800	---	11000	14900	---	22600	---	14300	---	7870	6940	---
TOTAL	344060	394520	393200	379990	302150	519360	378020	344860	508350	409210	228770	228420
MEAN	11100	13150	12680	12260	10420	16750	12600	11120	16950	13200	7380	7614
MAX	18000	17400	19700	19800	16100	29500	22900	28600	31900	24200	7850	8760
MIN	6810	8210	8320	7860	7300	7160	7140	6840	8180	7530	6820	6750

CAL YR 1975 TOTAL 4777150 MEAN 13090 MAX 43900 MIN 5520
WTR YR 1976 TOTAL 4430910 MEAN 12110 MAX 31900 MIN 6750

02197000 SAVANNAH RIVER AT AUGUSTA, GA.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1949 to September 1950, February 1968 to September 1972, July 1973 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1973 to current year.

INSTRUMENTATION.--Servo Programmer since October 1973.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.0°C July 30, 1974; minimum, 7.0°C Jan. 19, 20, 1976.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.0°C July 25, Aug. 2, 16; minimum, 7.0°C Jan. 19, 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02197000 SAVANNAH RIVER AT AUGUSTA, GA.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	21.0	20.0	20.5	24.5	23.0	23.5	23.5	22.5	23.0
2	---	---	---	20.5	20.0	20.5	25.0	23.5	24.0	23.5	22.5	23.0
3	---	---	---	21.0	20.0	20.5	24.5	23.5	24.0	23.0	22.5	22.5
4	---	---	---	22.0	20.0	21.0	23.5	22.0	22.5	22.5	22.0	22.0
5	---	---	---	21.5	20.5	21.0	23.5	22.0	22.5	22.5	22.0	22.0
6	---	---	---	21.0	20.0	20.5	24.0	22.0	23.0	23.0	22.5	22.5
7	---	---	---	21.0	19.0	20.0	23.5	22.5	23.0	23.0	22.5	23.0
8	---	---	---	21.0	19.5	20.5	23.5	22.5	23.0	23.5	22.5	23.0
9	---	---	---	21.0	19.5	20.0	24.5	23.0	23.5	24.0	23.0	23.5
10	---	---	---	21.5	19.5	20.5	24.5	23.5	24.0	24.0	23.5	23.5
11	---	---	---	21.5	20.5	21.0	24.5	23.0	24.0	24.0	22.5	23.0
12	---	---	---	22.5	21.0	22.0	24.5	23.0	23.5	23.0	22.0	22.5
13	---	---	---	22.0	20.0	20.5	24.5	23.0	24.0	22.5	21.5	22.0
14	---	---	---	21.5	20.0	20.5	24.5	23.0	24.0	22.5	21.0	21.5
15	---	---	---	21.5	19.5	20.5	24.5	23.0	23.5	21.0	20.5	20.5
16	---	---	---	22.0	20.0	21.0	25.0	23.5	24.0	21.5	20.5	21.0
17	---	---	---	22.0	20.5	21.0	24.5	24.0	24.5	22.5	21.5	22.0
18	---	---	---	21.5	20.5	21.0	24.5	23.0	23.5	23.5	22.5	22.5
19	---	---	---	22.0	21.0	21.5	23.5	22.5	23.0	23.5	22.0	23.0
20	---	---	---	22.0	20.0	21.0	23.0	22.0	22.5	23.5	22.5	23.0
21	---	---	---	22.0	20.5	21.0	22.5	21.0	21.5	23.5	23.0	23.0
22	---	---	---	22.0	20.5	21.0	22.0	21.0	21.5	23.0	22.5	22.5
23	---	---	---	22.0	21.0	21.5	23.5	21.5	22.5	23.0	22.0	22.5
24	20.0	20.0	20.0	22.5	21.5	22.0	24.0	23.0	23.5	23.0	22.0	22.5
25	21.0	20.0	20.5	24.5	22.0	22.5	24.0	23.0	23.5	23.5	22.0	22.5
26	21.0	20.0	21.0	25.0	23.0	24.0	24.0	23.0	23.5	23.5	22.5	23.0
27	22.5	20.0	21.5	24.5	23.0	23.5	24.5	23.0	23.5	23.5	23.0	23.0
28	23.5	21.5	22.5	23.5	22.5	23.0	24.5	23.0	23.5	24.0	23.0	23.5
29	22.5	20.5	21.5	24.0	22.5	23.0	24.5	23.0	23.5	23.5	23.0	23.0
30	21.5	20.0	21.0	24.0	22.5	23.5	24.5	23.0	24.0	23.5	22.5	23.0
31	---	---	---	24.0	22.5	23.5	24.0	23.5	24.0	---	---	---
MONTH	---	---	---	25.0	19.0	21.5	25.0	21.0	23.5	24.0	20.5	22.5
YEAR	25.0	7.0	17.0									

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.
(Hydrologic bench-mark station)

LOCATION.--Lat 33°23'05", long 81°37'00", Aiken County, Hydrologic Unit 03060103, on downstream side of bridge on U.S. Highway 278, 0.4 mi (0.6 km) upstream from Johnson Fork Creek, and 4.6 mi (7.4 km) southeast of New Ellenton.

DRAINAGE AREA.--87.0 mi^2 (225.3 km^2).

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Altitude of gage is 120 ft (37 m) (from topographic map).

REMARKS.--Records good.

AVERAGE DISCHARGE.--10 years, 111 ft^3/s (3.144 m^3/s), 17.33 in/yr (440 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 420 ft^3/s (11.9 m^3/s) Aug. 17, 1971, gage height, 8.00 ft (2.438 m); minimum, 66 ft^3/s (1.87 m^3/s) Sept. 14, 1969.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 250 ft^3/s (7.08 m^3/s) and maximum (*):

Date	Time	Discharge (ft^3/s)	Discharge (m^3/s)	Gage height (ft)	Gage height (m)
Mar. 16	1500	262	7.42	6.72	2.048
May 29	0100	*429	12.1	*7.96	2.426
Sept. 14	2100	255	7.22	6.66	2.030

Minimum discharge, 86 ft^3/s (2.44 m^3/s) Aug. 6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	98	111	134	120	101	106	159	122	140	99	95
2	106	100	108	117	128	102	104	115	130	122	96	98
3	102	97	105	113	115	101	102	102	165	116	92	120
4	103	99	103	110	111	103	101	99	148	128	92	106
5	103	99	103	108	109	102	101	99	125	187	89	103
6	104	103	103	107	108	101	101	98	115	167	90	103
7	103	110	104	122	107	101	101	99	110	138	90	111
8	107	113	106	211	107	104	101	130	106	123	92	101
9	113	107	126	138	106	121	100	118	110	115	93	99
10	105	104	123	120	105	109	99	103	115	111	91	98
11	103	106	110	116	105	104	101	101	106	110	90	95
12	103	121	106	114	104	104	99	103	103	105	92	94
13	103	172	105	111	104	131	99	98	114	103	92	96
14	104	118	104	111	103	115	99	99	174	102	92	160
15	103	110	104	109	104	118	101	122	118	100	92	184
16	102	108	110	108	103	214	98	119	124	98	99	172
17	112	106	132	110	103	174	99	124	147	98	108	121
18	117	106	142	109	108	127	98	108	122	101	96	107
19	108	105	113	106	121	118	99	103	120	100	93	100
20	105	105	109	106	108	113	97	99	117	99	94	98
21	101	106	108	107	106	115	96	97	118	96	106	103
22	103	104	106	107	111	112	100	97	110	95	102	103
23	99	104	104	105	108	109	98	118	130	99	97	99
24	98	105	103	105	104	107	97	169	173	104	95	98
25	98	104	106	106	102	107	98	137	120	114	124	98
26	99	103	142	110	103	107	98	117	115	110	109	102
27	98	104	115	197	103	107	98	111	116	101	100	118
28	99	104	109	169	102	107	96	177	159	104	98	109
29	99	103	107	126	103	106	96	372	127	116	97	109
30	99	103	120	117	---	106	151	174	182	110	97	116
31	98	---	148	113	---	106	---	134	---	112	96	---
TOTAL	3205	3227	3495	3742	3121	3552	3034	3901	3841	3524	2993	3316
MEAN	103	108	113	121	108	115	101	126	128	114	96.5	111
MAX	117	172	148	211	128	214	151	372	182	187	124	184
MIN	98	97	103	105	102	101	96	97	103	95	89	94
CFSM	1.18	1.24	1.30	1.39	1.24	1.32	1.16	1.45	1.47	1.31	1.11	1.28
IN.	1.37	1.38	1.49	1.60	1.33	1.52	1.30	1.67	1.64	1.51	1.28	1.42

CAL YR 1975 TOTAL 43207 MEAN 118 MAX 263 MIN 95 CFSM 1.36 IN 18.47
WTR YR 1976 TOTAL 40951 MEAN 112 MAX 372 MIN 89 CFSM 1.29 IN 17.51

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.--Continued

WATER-QUALITY RECORDS

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	ALKALINITY AS CACO3 (MG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	CARBON DIOXIDE (CO2) (MG/L)	CARBONATE (CO3) (MG/L)
OCT.										
01...	0845	18.0	8.0	22	6.2	5	6	.8	6.1	0
16...	1030	20.0	--	--	--	--	--	--	--	--
NOV.										
18...	1000	13.0	10.3	16	7.3	4	5	1.0	.4	0
DEC.										
31...	1320	15.0	--	--	--	--	--	--	--	--
JAN.										
15...	1215	10.0	11.2	15	6.7	3	4	.6	1.3	0
FEB.										
13...	1130	13.0	--	--	--	--	--	--	--	--
MAR.										
24...	0950	12.0	11.2	15	5.8	0	0	2.4	.0	0
APR.										
15...	1120	19.0	--	--	--	--	--	--	--	--
MAY										
13...	1230	18.5	8.8	14	5.9	0	0	1.1	.0	0
JUNE										
10...	1030	18.0	--	--	--	--	--	--	--	--
JULY										
15...	1040	20.0	8.0	14	6.1	3	4	.4	5.1	0
AUG.										
12...	1115	22.0	--	--	--	--	--	--	--	--
SEP.										
15...	1115	18.0	7.7	21	5.5	2	2	1.0	10	0

DATE	DISSOLVED CHLORIDE (CL) (MG/L)	IMMEDIATE COLIFORM (COL. PER 100 ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)	DISSOLVED FLUORIDE (F) (MG/L)	NONCARBONATE HARDNESS (MG/L)	HARDNESS (CA,MG) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)
OCT.										
01...	2.0	1050	122	201	.0	0	4	.4	.21	.01
16...	--	--	--	--	--	--	--	--	--	--
NOV.										
18...	2.1	1212	87	143	.1	0	3	.1	.19	.01
DEC.										
31...	--	--	--	--	--	--	--	--	--	--
JAN.										
15...	2.3	8188	85	158	.0	0	2	.2	.22	.01
FEB.										
13...	--	--	--	--	--	--	--	--	--	--
MAR.										
24...	2.7	645	74	198	.0	7	7	.3	.19	.00
APR.										
15...	--	--	--	--	--	--	--	--	--	--
MAY										
13...	2.2	780	193	313	.0	3	3	.0	.22	.01
JUNE										
10...	--	--	--	--	--	--	--	--	--	--
JULY										
15...	2.0	350	75	203	.0	0	1	.1	.19	.00
AUG.										
12...	--	--	--	--	--	--	--	--	--	--
SEP.										
15...	2.2	828	124	8573	.2	2	4	.3	.13	.01

DATE	DISSOLVED POTASSIUM (K) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	DISSOLVED SOLIDS (TONS PER AC-FT)	DISSOLVED SODIUM (NA) (MG/L)	SODIUM ADSORPTION RATIO	PERCENT SODIUM	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
OCT.										
01...	.2	16	16	5.05	.02	1.1	.3	38	7.6	.9
16...	--	--	--	--	--	--	--	--	--	--
NOV.										
18...	.3	32	16	10.1	.04	1.4	.4	48	7.6	.9
DEC.										
31...	--	--	--	--	--	--	--	--	--	--
JAN.										
15...	.3	27	16	8.75	.04	1.2	.3	49	7.3	2.2
FEB.										
13...	--	--	--	--	--	--	--	--	--	--
MAR.										
24...	.3	20	15	6.48	.03	1.3	.2	27	6.3	2.0
APR.										
15...	--	--	--	--	--	--	--	--	--	--
MAY										
13...	.2	23	13	7.02	.03	1.5	.4	52	6.4	1.8
JUNE										
10...	--	--	--	--	--	--	--	--	--	--
JULY										
15...	.2	19	16	6.10	.03	1.5	.6	66	7.2	2.5
AUG.										
12...	--	--	--	--	--	--	--	--	--	--
SEP.										
15...	.5	36	17	19.1	.05	1.5	.3	43	7.8	3.0

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TOTAL ARSENIC (AS) (UG/L)	TOTAL BARIUM (BA) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	TOTAL COPPER (CU) (UG/L)	CYANIDE (CN) (MG/L)
NOV. 18...	1000	0	0	1	<10	0	.00
MAY 13...	1230	0	100	1	<10	1	.00

DATE	TOTAL IRON (FE) (UG/L)	TOTAL LEAD (PB) (UG/L)	TOTAL MANGANESE (MN) (UG/L)	TOTAL MERCURY (HG) (UG/L)	TOTAL SELENIUM (SE) (UG/L)	TOTAL SILVER (AG) (UG/L)	TOTAL ZINC (ZN) (UG/L)
NOV. 18...	430	10	20	.3	0	0	0
MAY 13...	330	3	10	.0	0	0	40

DATE	TIME	DISSOLVED URANIUM (U) (UG/L)	DISSOLVED GROSS ALPHA AS U-NAT. (UG/L)	SUSPENDED GROSS ALPHA AS U-NAT. (UG/L)	DISSOLVED GROSS BETA AS SR90 /Y90 (PC/L)	SUSPENDED GROSS BETA AS SR90 /Y90 (PC/L)	DISSOLVED GROSS BETA AS CS-137 (PC/L)	SUSPENDED GROSS BETA AS CS-137 (PC/L)	TOTAL FILTRABLE RESIDUE (MG/L)	TOTAL NONFILTRABLE RESIDUE (MG/L)
NOV. 18...	1000	.02	2.0	.7	1.3	.6	1.4	.6	18	2

DATE	TIME	TOTAL ALDRIN (UG/L)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL CHLORDANE (UG/L)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDD (UG/L)	DDD IN BOTTOM MATERIAL (UG/KG)	TOTAL DDE (UG/L)	DDE IN BOTTOM MATERIAL (UG/KG)	TOTAL DDT (UG/L)	DDT IN BOTTOM MATERIAL (UG/KG)
NOV. 18...	1000	.00	.0	.0	0	.00	.0	.00	.0	.00	.0

DATE	TOTAL DIELDRIN (UG/L)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL DIAZINON (UG/L)	TOTAL ENDRIN (UG/L)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR (UG/L)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	TOTAL HEPTACHLOR EPOXIDE (UG/L)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	TOTAL LINDANE (UG/L)	LINDANE IN BOTTOM MATERIAL (UG/KG)
NOV. 18...	.00	.0	.00	.00	.0	.00	.0	.00	.0	.00	.0

DATE	TOTAL MALATHION (UG/L)	TOTAL METHYL PARATHION (UG/L)	TOTAL PARATHION (UG/L)	TOTAL PCB (UG/L)	PCB IN BOTTOM MATERIAL (UG/KG)	TOTAL SILVEX (UG/L)	TOTAL TOXAPHENE (UG/L)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TOTAL 2,4-D (UG/L)	TOTAL 2,4,5-T (UG/L)
NOV. 18...	.00	.00	.00	.0	0	.00	0	0	.00	.00

02197300 UPPER THREE RUNS NEAR NEW ELLENTON, S.C.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	INSTANTANEOUS DISCHARGE (CFS)	SUSPENDED SEDIMENT (MG/L)	SUSPENDED SEDIMENT DISCHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
01...	0845	117	8	2.5	100
16...	1030	113	2	.82	100
NOV.					
18...	1000	117	6	1.9	100
DEC.					
31...	1320	154	7	2.9	100
JAN.					
15...	1215	120	5	1.6	100
FEB.					
13...	1130	121	4	1.3	100
MAR.					
24...	0950	120	6	1.9	100
APR.					
15...	1120	152	3	1.2	100
MAY					
13...	1230	113	2	.61	100
JUNE					
10...	1030	167	5	2.3	100
JULY					
15...	1040	119	5	1.6	100
AUG.					
12...	1115	150	3	1.2	100
SEP.					
15...	1115	197	2	1.5	100

02197320 SAVANNAH RIVER NEAR JACKSON, S.C.

LOCATION.--Lat 33°13'01", long 81°46'04", Aiken County, Hydrologic Unit 03060106, on left bank 1.4 mi (2.3 km) downstream from Upper Three Runs 15.2 mi (24.5 km) upstream from Steel Creek, 6.2 mi (10.0 km) south of Jackson and at mile 156.8 (252.3 km).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge below 20,000 ft^3/s (566 m^3/s) only.

GAGE.--Water-stage recorder. Datum of gage is 77.0 ft (23.47 m) above mean sea level.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.22 ft (6.163 m) Mar. 3, 1975; minimum daily, 6,330 ft^3/s (179 m^3/s) Oct. 5, 1971, Oct. 21, 1973.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.84 ft (5.742 m) July 6; minimum daily, 6,770 ft^3/s (192 m^3/s) Sept. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8600	16600	12500	14400	16900	8130		8320	16500	13000	7970	6770
2	8890	14400	15300	17300	14500	7800		8780	18300	13200	7930	7040
3	10000	12000	17600	16000	15400	7590		8230		12400	7560	7320
4	10500	15000	18500	12700	17000	7920		7560		9800	7230	7470
5	9090	16900	18100	10600	17500	7870		7440		8710	7690	7480
6	7710	17100	16300	11900	17400	7730		7580		12000	7860	7360
7	7090	16400	12700	12800	17600	7980		7600		16300	7680	7000
8	8880	15200	10400	13900	17000	7760		7570		18400	7330	7010
9	10200	13000	13000	16700	14000	7470		7770			6960	7230
10	10200	9980	15400	18200	14800	7620	18500	7670		19500	6840	7510
11	10200	8960	16300	17400	14900	8030	16200	6940		18200	7030	7400
12	9240	9560	16400	15200	14100	8200	12700	6850		15500	7510	7400
13	8540	11700	15600	14800	11800	8200	13500	7010	19000	15400	7470	7000
14	9060	15800	12600	14900	11300	10600	14200	7510	15100	16600	7540	6800
15	9450	16900	10500	14800	8920	12800	14100	7780	11700	17200	7580	8020
16	10500	15200	13000	14800	8300	14600	13000	7780	9510	17500	7030	10100
17	10800	11600	15100	13900	9060	18400	11000	7820	9810	17500	6870	9250
18	11600	13500	16400	11600	8260		8820	12900	9260	16600	6930	8520
19	11900	15600	17300	10700	8120		7860	17900	9310	14000	7040	8040
20	10500	16400	17600	12000	7980		7900		9520	14800	7250	7480
21	14000	16100	16200	10300	8360		10000		10100	16300	7430	7040
22	16700	15000	12700	8480	8270		9790		11700	16900	7470	7280
23	17200	13100	12100	8310	8010		8200	17100	12800	17000	7170	7560
24	17300	11400	12200	8950	7780		7490	13400	12400	15100	7050	7740
25	16600	14700	12000	8830	8360		7210	13200	12400	10800	7420	7960
26	13500	16900	10400	8330	8200		7140	13400	11500	8230	7980	8220
27	10200	17600	9600	8660	7870		7250	12600	9930	9180	8060	7810
28	13700	17900	8950	11400	7720		7260	12800	10100	8680	7910	7860
29	16600	17500	8450	16500	8240		7230	14800	11200	8770	7540	8770
30	17800	15200	8460	17800	---	19800	7680	15100	12300	8340	7200	8340
31	17700	---	9600	17800	---	---	---	14900	---	7980	6800	---
TOTAL	364250	437200	421260	409960	337650						229330	230780
MEAN	11750	14570	13590	13220	11640						7398	7693
MAX	17800	17900	18500	18200	17600						8060	10100
MIN	7090	8960	8450	8310	7720						6800	6770

02197320 SAVANNAH RIVER NEAR JACKSON, S.C.--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.--Servo Programmer since October 1971.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 26.0°C Aug. 14, 1973, July 31, Aug. 27, 28, 1974, Aug. 19, 20, 1975; minimum, 5.0°C Feb. 11, 1973.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.5°C July 27, several days in Aug.; minimum, 6.5°C Jan. 19, 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

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

02197320 SAVANNAH RIVER NEAR JACKSON, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.5	18.5	19.0	22.5	21.5	21.5	25.5	24.0	24.5	24.5	23.5	24.0
2	19.0	18.0	18.5	22.0	20.5	21.5	25.5	24.0	24.5	24.0	23.0	23.5
3	18.5	18.0	18.5	22.0	21.0	21.5	25.0	24.0	24.5	23.0	23.0	23.0
4	18.5	18.0	18.5	22.0	21.5	21.5	24.5	23.5	24.0	23.0	22.5	23.0
5	18.0	17.5	17.5	21.0	21.5	21.5	24.0	22.5	23.5	23.0	22.0	22.5
6	18.0	17.0	17.5	21.5	21.0	21.5	24.0	22.5	23.5	23.0	22.5	22.5
7	18.0	17.5	18.0	21.0	20.0	20.5	24.5	23.0	23.5	23.5	22.5	23.0
8	18.5	18.0	18.0	21.5	20.0	21.0	24.5	23.0	24.0	23.5	22.5	23.0
9	19.0	18.5	18.5	22.0	21.0	21.5	24.5	23.0	24.0	24.0	23.0	23.5
10	19.5	19.0	19.0	22.0	21.5	21.5	25.0	23.5	24.5	24.5	23.5	24.0
11	20.0	19.0	19.5	23.5	21.5	22.0	25.0	24.0	24.5	24.0	23.0	23.5
12	20.5	19.5	20.0	23.0	22.0	22.5	25.5	24.0	24.5	23.5	22.5	23.0
13	21.5	20.5	20.5	23.5	22.0	23.0	25.5	24.0	24.5	22.5	22.0	22.0
14	21.5	21.5	21.5	22.5	21.0	21.5	25.5	24.0	25.0	22.0	21.0	21.5
15	22.0	21.5	21.5	22.5	21.0	21.5	25.5	24.0	24.5	21.0	20.5	20.5
16	22.5	21.5	22.0	23.0	21.0	22.0	25.0	24.0	24.5	21.0	20.5	20.5
17	22.0	21.0	21.5	22.5	21.5	22.0	25.5	24.0	24.5	22.0	20.5	21.0
18	22.0	21.0	21.5	22.5	21.5	22.0	25.0	24.0	24.5	22.5	21.5	22.0
19	23.0	21.5	22.0	22.5	22.0	22.0	24.5	23.0	24.0	23.0	22.5	22.5
20	23.0	21.5	22.0	23.0	22.0	22.5	24.0	22.5	23.0	23.5	22.5	23.0
21	22.0	22.0	22.0	22.5	21.5	22.0	22.5	21.5	22.0	23.5	23.0	23.0
22	22.5	22.0	22.5	22.5	21.5	22.0	22.0	21.5	21.5	23.5	22.5	23.0
23	22.5	21.0	21.5	23.0	21.5	22.5	22.5	21.5	22.0	23.0	22.0	22.5
24	22.0	21.0	21.5	23.5	22.5	23.0	24.5	22.5	23.5	23.0	22.0	22.5
25	21.5	21.0	21.0	24.0	23.5	23.5	24.5	24.0	24.0	23.5	22.5	23.0
26	22.0	21.5	21.5	25.0	23.5	24.0	25.0	23.5	24.0	23.5	22.5	23.0
27	22.5	22.0	22.0	25.5	24.5	25.0	25.0	24.0	24.5	24.0	23.0	23.5
28	23.5	22.0	23.0	25.0	24.0	24.5	25.0	23.5	24.5	24.0	23.5	23.5
29	23.5	23.0	23.5	25.0	23.5	24.0	25.0	24.0	24.5	24.0	23.5	23.5
30	23.5	22.0	22.5	24.5	23.5	24.0	25.0	23.5	24.0	23.5	23.0	23.5
31	---	---	---	25.0	23.5	24.0	24.5	23.5	24.0	---	---	---
MONTH	23.5	17.0	20.5	25.5	20.0	22.5	25.5	21.5	24.0	24.5	20.5	23.0
YEAR	25.5	6.5	17.5									

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, S.C.

LOCATION.--Lat 33°04'58", long 81°35'54", Allendale County, Hydrologic Unit 03060106, on left bank 2.8 mi (4.5 km) downstream from Steel Creek, 12.6 mi (20.3 km) upstream from Lower Three Runs, 3.7 mi (6.0 km) west of Millett and at mile 138.8 (223.3 km).

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

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to current year.

INSTRUMENTATION.--Servo Programmer since October 1971.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 27.0°C Aug. 15, 1973, July 31, Aug. 1, 1974, Aug. 27, 1975; minimum, 5.5°C Feb. 11, 12, 1973.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 26.5°C Aug. 11; minimum, 6.5°C Jan. 20.

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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

02197370 SAVANNAH RIVER BELOW STEEL CREEK NEAR MILLETT, S.C.--Continued

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976--Continued

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

	JUNE			JULY			AUGUST			SEPTEMBER		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.0	19.0	19.5	22.5	22.0	22.5	26.0	25.0	25.5	25.0	24.0	24.5
2	19.0	18.5	18.5	22.0	21.5	22.0	26.0	25.5	25.5	24.5	24.0	24.5
3	18.5	18.0	18.5	22.5	21.5	22.0	25.5	24.5	25.0	24.5	23.5	24.0
4	18.5	18.0	18.5	23.0	21.5	22.5	25.0	24.0	24.5	24.0	23.0	23.5
5	18.0	17.5	18.0	22.0	22.0	22.0	24.5	24.0	24.5	23.5	23.5	23.5
6	17.5	17.0	17.5	22.5	21.5	22.0	24.5	23.5	24.0	23.5	23.0	23.5
7	18.0	17.5	17.5	21.5	21.0	21.0	24.5	24.0	24.5	24.0	23.5	23.5
8	18.5	17.5	18.0	21.5	20.0	21.0	25.0	24.0	24.5	24.5	23.5	24.0
9	19.0	18.0	18.5	22.0	21.0	21.5	25.0	24.5	24.5	25.0	24.0	24.5
10	19.5	18.5	19.0	22.0	21.5	21.5	25.5	24.5	25.0	25.0	24.0	24.5
11	20.0	19.0	19.5	22.5	22.0	22.0	26.5	25.5	25.5	24.5	23.5	24.0
12	20.5	19.5	20.0	23.5	22.5	23.0	26.0	25.5	25.5	23.5	23.0	23.5
13	21.0	20.0	20.5	24.0	23.0	23.5	26.0	25.5	26.0	23.0	22.0	22.5
14	22.0	21.0	21.5	23.0	22.0	22.5	26.0	25.5	26.0	22.0	21.5	22.0
15	22.0	21.5	22.0	22.0	22.0	22.0	26.0	25.5	26.0	21.5	21.0	21.0
16	23.0	22.0	22.5	22.5	22.0	22.0	26.0	25.5	25.5	21.5	21.0	21.0
17	23.0	22.5	22.5	22.5	22.0	22.5	26.0	25.5	25.5	22.0	21.0	21.5
18	22.5	22.0	22.5	22.5	22.0	22.5	25.5	25.0	25.5	23.0	21.5	22.0
19	23.0	22.5	22.5	23.0	22.0	22.5	25.0	24.5	25.0	23.5	22.0	23.0
20	23.0	23.0	23.0	23.5	22.5	23.0	24.5	23.0	23.5	23.5	23.0	23.5
21	23.0	23.0	23.0	22.5	22.5	22.5	23.0	22.5	22.5	23.5	23.0	23.5
22	23.5	22.5	23.0	22.5	22.5	22.5	23.0	22.5	22.5	23.5	23.0	23.5
23	23.0	22.0	22.5	22.5	22.5	22.5	23.5	22.5	23.0	23.5	22.5	23.0
24	22.5	21.5	22.0	23.5	23.0	23.5	24.5	23.0	24.0	23.5	22.5	23.0
25	22.5	21.5	22.0	25.0	23.5	24.0	25.5	24.5	25.0	23.5	22.5	23.0
26	23.0	21.5	22.5	25.0	24.0	24.5	25.5	25.0	25.0	23.5	23.0	23.5
27	23.5	22.0	23.0	26.0	25.0	25.5	25.5	24.5	25.0	24.0	23.5	23.5
28	24.0	22.5	23.0	26.0	25.5	25.5	25.5	25.0	25.0	24.5	23.5	24.0
29	24.5	23.5	24.0	26.0	24.5	25.0	25.5	25.0	25.5	24.0	24.0	24.0
30	24.0	22.5	23.5	25.5	25.0	25.0	25.5	25.0	25.0	24.0	23.0	23.5
31	---	---	---	25.0	24.5	25.0	25.0	24.5	25.0	---	---	---
MONTH	24.5	17.0	21.0	26.0	20.0	23.0	26.5	22.5	25.0	25.0	21.0	23.5
YEAR	26.5	6.5	17.5									

02198500 SAVANNAH RIVER NEAR CLYO, GA.
(National stream-quality accounting network station)
(Radiochemical program station)

LOCATION.--Lat 32°31'30", long 81°15'45", Effingham County (Ga.) - Jasper County (S.C.), Hydrologic Unit 03060109, Ga.-S.C. State line, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi (4.8 km) north of Clyo, and at mile 60.9 (98.0 km).

DRAINAGE AREA.--9,850 mi^2 (25,510 km^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 13.41 ft (4.087 m) above mean sea level. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft (1.219 m) higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good, except period of no gage-height record which is fair. Flow rregulated by Hartwell Lake (see sta 02187250), by Clark Hill Lake (see sta 02194500), and by other ppowerplants above station.

AVERAGE DISCHARGE.--43 years, 12,068 ft^3/s (342 m^3/s), 16.64 in/yr (423 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 270,000 ft^3/s (7,950 m^3/s) Oct. 6, 1929, gage height, 29.7 ft (9.05 m), present datum (from information by Corps of Engineers), from rating curve extended above 120,000 ft^3/s (3,400 m^3/s); minimum daily, 1,950 ft^3/s (55.2 m^3/s) Sept. 27, 1931.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 33,500 ft^3/s (949 m^3/s) June 14, 15, gage height, 15.87 ft (4.837 m); minimum daily, 7,660 ft^3/s (217 m^3/s) May 13.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9850	15000	15700	10700	14700	9960	29700	8200	17300	15500	9990	7940
2	9540	15200	16000	11100	15600	10100	29100	8860	16900	15200	9450	7710
3	9770	15600	16300	12100	16400	10000	28100	9440	17000	15200	9220	7680
4	10000	15900	16400	13000	17000	9740	26900	9640	17500	15300	9300	7840
5	10500	16100	16400	13500	17700	9670	25800	9180	17900	15300	9340	8040
6	10800	16100	16400	14200	18200	9700	25000	8490	18100	15100	9090	8220
7	10100	16000	16400	14500	18400	9600	24600	8260	18500	14600	9040	8310
8	8990	15900	16600	14600	18500	9610	24600	8260	19400	14200	9090	8200
9	8750	16000	16800	14400	18500	9720	24500	8260	21200	14600	8970	8020
10	9680	16200	16800	14400	18500	9580	24100	8350	25100	15200	8740	7970
11	10500	16300	16800	14800	18600	9480	23500	8440	29700	15900	8400	8080
12	10900	16200	16000	15100	18600	9600	23000	8070	32100	16500	8160	8180
13	10900	15300	15800	15500	18500	9840	22600	7660	33200	17200	8300	8100
14	10400	13700	15800	15900	18300	10100	22200	7690	33400	18000	8570	8230
15	9910	13200	15800	16200	17900	10500	21400	8000	33000	18800	8620	8200
16	9940	13500	15000	16500	17100	11800	20100	8500	32000	19400	8690	8620
17	10300	14100	15000	16600	15700	13000	18700	8830	30500	19700	8700	9650
18	10800	14500	15400	16600	13400	13900	17300	9240	27900	19900	8320	10500
19	11200	15200	15200	16500	12100	14700	16000	9630	23900	19700	8040	10500
20	11600	15400	14800	16200	11300	15500	13900	11000	21300	19100	8030	9940
21	11900	15400	14800	15600	10800	16300	11100	12200	19300	18600	8130	9360
22	11800	15400	15200	14700	10500	17300	9720	13100	17900	18300	8300	8770
23	12200	15500	15600	13500	10700	18500	10100	13900	16700	17900	8490	8390
24	12900	15700	16000	11900	10600	20000	10100	15400	16200	17500	8540	8430
25	13500	15900	16000	10700	10300	23000	9240	16400	16000	17100	8370	8580
26	14000	15800	16000	10400	10200	26800	8370	17600	16000	17100	8230	8700
27	14500	15500	15600	10600	10400	29200	7960	18900	16100	16900	8400	8970
28	15000	15200	14800	11300	10300	30100	7810	19700	16200	16200	8640	9210
29	15300	15200	13800	12100	9960	30300	7740	19600	16100	14200	8650	9150
30	15100	15400	12800	12900	---	30200	7760	18900	15900	12100	8530	9380
31	14900	---	11400	13800	---	30000	---	18100	---	10800	8250	---
TOTAL	355530	460400	481400	429900	428760	487800	551000	357800	652300	511100	268590	258870
MEAN	11470	15350	15530	13870	14780	15740	18370	11540	21740	16490	8664	8629
MAX	15300	16300	16800	16600	18600	30300	29700	19700	33400	19900	9990	10500
MIN	8750	13200	11400	10400	9960	9480	7740	7660	15900	10800	8030	7680

CAL YR 1975 TOTAL 6374680 MEAN 17460 MAX 50700 MIN 7870
WTR YR 1976 TOTAL 5243450 MEAN 14330 MAX 33400 MIN 7660

Note: No gage-height record Dec. 4 - Jan. 6.

02198500 SAVANNAH RIVER NEAR CLYO, GA.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1965 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 1974 to current year.
WATER TEMPERATURE: January 1974 to current year.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 105 micromhos Mar. 14, 1974; minimum daily, 42 micromhos July 5, 1974.
WATER TEMPERATURE: Maximum daily, 27.0°C Aug. 23, 1975; minimum daily, 7.0°C Jan. 19, 1976.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum daily, 103 micromhos Aug. 30; minimum daily, 50 micromhos June 9, 12 - 14.
WATER TEMPERATURE: Maximum daily, 26.0°C July 30, 31, and on many days in Aug.; minimum daily, 7.0°C Jan. 19.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	TEMPERATURE (DEG C)	DISSOLVED OXYGEN (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TOTAL NITROGEN (N) (MG/L)	TOTAL KJELDAHL NITROGEN (N) (MG/L)
OCT.							
16...	0830	22.0	7.2	76	7.0	.56	.27
NOV.							
12...	1430	22.0	6.6	70	7.1	.48	.41
DEC.							
02...	1130	13.0	8.4	--	5.8	--	--
18...	0945	12.0	9.2	66	7.0	.53	.28
JAN.							
14...	1500	9.0	10.1	59	7.1	.48	.27
FEB.							
03...	1130	7.5	10.0	59	6.1	--	--
12...	1415	11.0	10.1	59	6.9	.48	.30
MAR.							
17...	1430	13.5	9.8	74	7.0	.55	.30
APR.							
14...	1430	18.0	8.4	60	6.7	.47	.27
MAY							
04...	0830	18.0	7.8	69	6.8	--	--
12...	1430	22.0	8.1	70	7.0	.72	.30
JUNE							
09...	1230	20.0	7.2	53	6.7	.43	.25
JULY							
14...	1330	25.0	6.1	57	6.7	.61	.34
AUG.							
03...	0900	25.0	7.3	--	6.2	--	--
11...	1330	26.0	6.5	100	7.0	.69	.23
SEP.							
14...	1210	23.0	8.6	76	7.2	.56	.22

DATE	TOTAL NITRITE PLUS NITRATE (N) (MG/L)	TOTAL NITROGEN (NO3) (MG/L)	TOTAL PHOSPHORUS (P) (MG/L)	TOTAL PHYTOPLANKTON (CELLS PER ML)	FECAL COLIFORM (COL. PER 100 ML)	STREPTOCOCCI (COLONIES PER 100 ML)
OCT.						
16...	.29	2.5	.07	450	75	37
NOV.						
12...	.07	2.1	.06	79	38	120
DEC.						
02...	.18	--	.05	--	--	--
18...	.25	2.3	.09	130	68	51
JAN.						
14...	.21	2.1	.06	770	138	147
FEB.						
03...	.18	--	.04	--	--	--
12...	.18	2.1	.04	400	44	60
MAR.						
17...	.25	2.4	.09	380	155	88
APR.						
14...	.20	2.1	.03	510	42	104
MAY						
04...	.46	--	.09	--	--	--
12...	.42	3.2	.07	60	158	52
JUNE						
09...	.18	1.9	.04	140	98	134
JULY						
14...	.27	2.7	.06	17	102	155
AUG.						
03...	--	--	--	--	--	--
11...	.46	3.1	.08	140	B28	B37
SEP.						
14...	.34	2.5	.09	170	85	86

02198500 SAVANNAH RIVER NEAR CLYO, GA.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TIME	ALKALINITY AS CACO3 (MG/L)	DISSOLVED ARSENIC (AS) (UG/L)	SUSPENDED ARSENIC (AS) (UG/L)	TOTAL ARSENIC (AS) (UG/L)	BICARBONATE (HCO3) (MG/L)	DISSOLVED CADMIUM (CD) (UG/L)	SUSPENDED CADMIUM (CD) (UG/L)	TOTAL CADMIUM (CD) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	TOTAL ORGANIC CARBON (C) (MG/L)
DEC.											
02...	1130	--	--	--	--	--	--	--	--	--	3.0
18...	0945	21	0	0	0	25	0	0	0	4.6	3.4
FEB.											
03...	1130	14	--	--	--	--	--	--	--	--	5.0
MAR.											
17...	1430	21	1	0	1	26	0	0	0	8.1	6.4
MAY											
04...	0830	15	--	--	--	--	--	--	--	--	8.0
JUNE											
09...	1230	14	0	--	0	17	0	0	0	3.5	--
SEP.											
14...	1210	21	0	0	0	26	1	0	0	4.0	2.8

DATE	CARBON DIOXIDE (CO2) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED CHROMIUM (CR) (UG/L)	SUSPENDED CHROMIUM (CR) (UG/L)	TOTAL CHROMIUM (CR) (UG/L)	DISSOLVED COBALT (CO) (UG/L)	SUSPENDED COBALT (CO) (UG/L)	TOTAL COBALT (CO) (UG/L)	DISSOLVED COPPER (CU) (UG/L)	SUSPENDED COPPER (CU) (UG/L)
DEC.											
02...	--	--	--	--	--	--	--	--	--	--	--
18...	4.0	0	4.1	0	<10	<10	0	0	0	2	0
FEB.											
03...	--	--	--	--	--	--	--	--	--	--	--
MAR.											
17...	4.2	0	6.4	0	<10	<10	0	0	0	0	1
MAY											
04...	--	--	--	--	--	--	--	--	--	--	--
JUNE											
09...	5.4	0	3.4	1	9	10	0	0	0	1	0
SEP.											
14...	2.6	0	5.6	0	10	10	0	0	0	0	6

DATE	TOTAL COPPER (CU) (UG/L)	DISSOLVED FLUORIDE (F) (MG/L)	HARDNESS (CA+MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	TOTAL IRON (FE) (UG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED LEAD (PB) (UG/L)	SUSPENDED LEAD (PB) (UG/L)	TOTAL LEAD (PB) (UG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	SUSPENDED MANGANESE (MN) (UG/L)
DEC.											
02...	--	--	14	--	--	--	--	--	--	--	--
18...	2	.1	16	0	900	90	0	0	0	1.2	30
FEB.											
03...	--	--	14	--	--	--	--	--	--	--	--
MAR.											
17...	1	.3	25	3	1300	90	2	7	9	1.1	60
MAY											
04...	--	--	15	--	--	--	--	--	--	--	--
JUNE											
09...	1	.2	9	0	900	360	5	6	11	.1	20
SEP.											
14...	6	.1	15	0	910	130	4	2	6	1.2	50

DATE	TOTAL MANGANESE (MN) (UG/L)	DISSOLVED MANGANESE (MN) (UG/L)	DISSOLVED MERCURY (HG) (UG/L)	SUSPENDED MERCURY (HG) (UG/L)	TOTAL MERCURY (HG) (UG/L)	DISSOLVED POTASSIUM (K) (MG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	DISSOLVED SOLIDS (TONS PER DAY)	DISSOLVED SOLIDS (TONS PER AC-FT)	SODIUM ADSORPTION RATIO
DEC.											
02...	--	--	--	--	--	--	--	--	--	--	--
18...	50	20	.0	.2	.2	1.5	41	44	1770	.06	.6
FEB.											
03...	--	--	--	--	--	--	--	--	--	--	--
MAR.											
17...	70	10	.2	.0	.2	1.2	48	51	1670	.07	.6
MAY											
04...	--	--	--	--	--	--	--	--	--	--	--
JUNE											
09...	30	10	.3	--	.3	1.3	34	34	2070	.05	.6
SEP.											
14...	60	10	.2	.0	.2	1.5	58	47	1290	.08	.8

02198500 SAVANNAH RIVER NEAR CLYO, GA.--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L)	SUS-PENDED SELE-NIUM (SE) (UG/L)	TOTAL SELE-NIUM (SE) (UG/L)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	PERCENT SODIUM	DIS-SOLVED SULFATE (SO4) (MG/L)	TUR-BID-ITY (JTU)	DIS-SOLVED ZINC (ZN) (UG/L)	SUS-PENDED ZINC (ZN) (UG/L)	TOTAL ZINC (ZN) (UG/L)
DEC.											
02...	--	--	--	--	--	--	--	11	--	--	--
18...	0	0	0	10	6.0	42	4.1	8	0	20	20
FEB.											
03...	--	--	--	--	--	--	--	14	--	--	--
MAR.											
17...	0	0	0	9.6	6.5	35	5.1	20	0	10	10
MAY											
04...	--	--	--	--	--	--	--	20	--	--	--
JUNE											
09...	0	--	1	9.5	4.0	45	3.3	10	0	20	20
SEP.											
14...	0	0	0	9.7	7.2	48	5.2	10	20	0	10

DATE	TIME	INSTAN-TANEOUS DIS-CHARGE (CFS)	SUS-PENDED SEDI-MENT (MG/L)	SUS-PENDED SEDI-MENT DIS-CHARGE (T/DAY)	SUS. SED. SIEVE DIAM. % FINER THAN .062 MM
OCT.					
16...	0830	9980	18	485	100
NOV.					
12...	1430	16400	18	797	100
DEC.					
02...	1130	16600	--	--	--
18...	0945	16000	23	994	100
JAN.					
14...	1500	17400	19	926	100
FEB.					
03...	1130	16600	--	--	--
12...	1415	19200	9	492	100
MAR.					
17...	1430	12900	32	1120	100
APR.					
14...	1430	23280	12	754	100
MAY					
04...	0830	10220	--	--	--
12...	1430	8504	16	367	100
JUNE					
09...	1230	22600	9	592	100
JULY					
14...	1330	18300	11	544	100
AUG.					
11...	1330	8384	23	530	100
SEP.					
14...	1210	8264	6	152	100

02198500 SAVANNAH RIVER NEAR CLYO, GA.--Continued

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25°C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	61	55	66	61	---	58	73	60	66	72	76
2	66	60	57	67	60	---	61	73	59	60	78	78
3	67	62	58	60	59	---	58	71	61	60	76	90
4	64	61	59	58	61	---	58	70	56	57	76	81
5	65	64	54	67	63	---	58	70	53	60	72	80
6	69	85	54	59	61	---	57	70	53	61	76	77
7	65	60	54	58	80	---	58	72	52	63	75	77
8	65	64	56	62	59	---	58	75	51	69	75	80
9	66	58	57	58	58	---	58	74	50	65	76	79
10	66	61	61	56	57	---	59	71	58	58	73	78
11	61	70	64	57	58	---	57	71	54	55	79	79
12	62	76	59	54	60	---	58	70	50	62	78	76
13	66	74	58	57	58	---	60	71	50	60	76	77
14	64	74	57	58	59	---	61	74	50	60	76	75
15	66	65	58	60	61	---	66	74	64	68	75	77
16	65	64	61	58	64	---	63	75	54	65	76	77
17	66	63	59	58	63	---	63	71	60	57	73	77
18	65	61	64	61	67	75	62	69	72	56	74	78
19	63	62	60	61	71	63	63	70	65	59	79	75
20	64	64	58	61	77	57	66	68	63	60	79	84
21	60	60	57	67	71	57	70	52	70	59	80	87
22	63	58	58	66	80	57	75	52	70	62	83	87
23	63	59	59	65	72	56	65	52	69	58	80	83
24	56	59	63	66	71	56	65	52	65	57	76	83
25	59	58	63	75	73	53	69	54	63	58	75	86
26	61	60	61	73	73	51	71	55	62	60	79	85
27	70	65	62	69	72	55	74	57	61	62	82	85
28	62	57	61	70	74	51	76	60	64	66	80	80
29	65	56	62	70	80	53	74	60	60	73	77	77
30	67	55	62	66	---	53	73	62	61	73	103	80
31	59	---	65	62	---	53	---	61	---	70	76	---
MONTH	64	63	59	63	66	---	64	66	59	62	78	80
YEAR	MAX	103	MIN	50	MEAN	65						

TEMPERATURE (°C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

(ONCE-DAILY)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.0	17.0	---	11.0	10.0	---	15.0	19.0	21.0	24.0	26.0	25.0
2	21.0	17.0	---	11.0	10.0	---	17.0	19.0	21.0	24.0	26.0	25.0
3	19.0	19.0	---	12.0	10.0	---	15.0	19.0	21.0	24.0	25.0	25.0
4	20.0	19.0	---	11.0	11.0	---	16.0	18.0	20.0	23.0	25.0	25.0
5	20.0	19.0	---	10.0	10.0	---	16.0	19.0	20.0	24.0	25.0	25.0
6	19.0	19.0	---	10.0	11.0	---	16.0	19.0	19.0	24.0	25.0	25.0
7	20.0	20.0	---	10.0	10.0	---	16.0	20.0	19.0	23.0	25.0	25.0
8	20.0	21.0	---	11.0	10.0	---	15.0	20.0	20.0	24.0	25.0	25.0
9	20.0	21.0	---	9.0	11.0	---	15.0	19.0	20.0	24.0	26.0	25.0
10	19.0	21.0	---	9.0	11.0	---	15.0	19.0	20.0	23.0	26.0	24.0
11	22.0	21.0	---	9.0	11.0	---	15.0	20.0	20.0	23.0	25.0	23.0
12	22.0	22.0	---	10.0	11.0	---	15.0	20.0	21.0	24.0	25.0	23.0
13	20.0	---	---	12.0	11.0	---	15.0	21.0	21.0	25.0	26.0	23.0
14	20.0	---	---	12.0	11.0	---	15.0	21.0	21.0	25.0	26.0	23.0
15	20.0	---	---	11.0	12.0	---	15.0	22.0	21.0	24.0	26.0	23.0
16	20.0	---	---	11.0	12.0	---	15.0	22.0	21.0	24.0	26.0	23.0
17	23.0	---	---	10.0	12.0	---	16.0	22.0	22.0	24.0	26.0	22.0
18	20.0	---	---	8.0	12.0	12.0	17.0	22.0	23.0	24.0	26.0	22.0
19	20.0	---	12.0	7.0	12.0	12.0	17.0	22.0	23.0	25.0	26.0	21.0
20	16.0	---	11.0	8.0	15.0	13.0	17.0	20.0	23.0	25.0	26.0	21.0
21	18.0	---	10.0	8.0	15.0	14.0	17.0	20.0	23.0	25.0	26.0	21.0
22	18.0	---	10.0	10.0	16.0	14.0	18.0	18.0	23.0	24.0	25.0	22.0
23	19.0	---	10.0	10.0	14.0	14.0	19.0	19.0	24.0	24.0	25.0	21.0
24	19.0	---	10.0	10.0	12.0	14.0	20.0	20.0	23.0	24.0	25.0	22.0
25	20.0	---	10.0	9.0	13.0	14.0	20.0	20.0	23.0	25.0	26.0	23.0
26	20.0	---	10.0	10.0	13.0	15.0	20.0	20.0	23.0	25.0	25.0	24.0
27	20.0	---	10.0	10.0	14.0	15.0	20.0	20.0	24.0	25.0	25.0	24.0
28	20.0	---	10.0	10.0	13.0	15.0	19.0	20.0	24.0	25.0	25.0	24.0
29	20.0	---	10.0	10.0	14.0	15.0	19.0	20.0	24.0	25.0	25.0	24.0
30	20.0	---	11.0	10.0	---	15.0	19.0	20.0	24.0	26.0	25.0	24.0
31	18.0	---	11.0	9.0	---	16.0	---	20.0	---	26.0	25.0	---
MONTH	20.0	---	---	10.0	12.0	---	17.0	20.0	21.5	24.5	25.5	23.5
YEAR	MAX	26.0	MIN	7.0	MEAN	18.5						

PEE DEE RIVER BASIN

02130908 LAKE ROBINSON.--Lat 34°23'40", long 80°09'00", Darlington County, Hydrologic Unit 0340201, at plant intake structure on Black Creek, 2.3 mi (3.7 km) upstream from Beaverdam Creek, and 4.7 mi (7.6 km) west of Hartsville. Drainage area, 173 mi^2 (448 km^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 & 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 (3.2 km) upstream from Big Dutchman Creek, 3.5 mi (5.6 km) upstream from U.S. Highway 21, 3.5 mi (5.6 km) northwest of Fort Mill, and at mile 138.5 (222.8 km). Drainage area, 3,020 mi^2 (7,820 km^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 (143.07 m) above mean sea level (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 (71,381,000 m^3) between gage heights 95.0 ft (28.96 m) and 100.0 ft (30.48 m). Dead storage 4,022,000,000 ft^3 (113,900,000 m^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 (0.40 km) upstream from State Highway 97, 0.5 mi (0.8 km) upstream from Fishing Creek, 2.5 mi (4.0 km) north of Great Falls, and at mile 100.5 (161.7 km). Drainage area 3,810 mi^2 (9,870 km^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 (96.68 m) above mean sea level (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was first put in operation November 1916. Usable capacity 667,000,000 ft^3 (18,900,000 m^3) between gage heights 95.0 ft (28.96 m) and 100.0 ft (30.48 m). Dead storage 963,100,000 ft^3 (27,270,000 m^3). Records furnished by Duke Power Co.

02147800 WATEREE RESERVOIR.--Lat 34°20'15", long 80°42'10", Kershaw County, Hydrologic Unit 03050104, at Wateree Reservoir dam, 0.8 mi (1.3 km) upstream from Graungs Quarter Creek, 8.75 mi (14.1 km) northwest of Camden, and at mile 73.5 (118.3 km). Drainage area 4,750 mi^2 (12,300 km^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 (38.25 m) above mean sea level (levels by Duke Power Co.).

Reservoir, used for hydroelectric power, was put in operation in 1917. Usable capacity 2,794,000,000 ft^3 (79,130,000 m^3) between gage heights 95.0 ft (28.96 m) and 100.0 ft (30.48 m). Dead storage 4,831,600,000 ft^3 (136,830,000 m^3). Records furnished by Duke Power Co.

MONTH-END GAGE HEIGHTS OR ELEVATIONS, AND CONTENTS, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

Date	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in CFS)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in CFS)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in CFS)	Elevation (feet)	Contents (million cubic feet)	Change in Contents (equivalent in CFS)
	Lake Robinson			Lake Wylie			Fishing Creek Reservoir			Wateree Reservoir		
Sept. 30	221.2	1,369	-	96.2	8,437	-	95.3	999	-	97.1	5,957	-
Oct. 31	220.6	1,310	-22.0	97.8	9,233	297	97.1	1,227	85	95.5	5,094	-322
Nov. 30	220.8	1,329	7.3	97.6	9,132	- 39	97.1	1,227	0	96.8	5,792	269
Dec. 31	221.1	1,359	11.2	97.9	9,284	57	95.3	999	-85	97.6	6,235	165
CAL YR 1975	-	-	- 0.3	-	-	- 3	-	-	0	-	-	28
Jan. 31	221.2	1,369	3.7	95.8	8,247	-387	95.6	1,036	14	97.1	5,957	-104
Feb. 29	220.8	1,329	-16.0	94.8	7,775	-188	96.3	1,124	35	96.6	5,683	-109
Mar. 31	221.0	1,349	7.5	97.5	9,082	488	97.0	1,214	34	97.0	5,902	82
Apr. 30	220.3	1,280	-26.6	97.2	8,931	- 58	97.0	1,214	0	97.5	6,179	107
May 31	220.6	1,310	11.2	97.1	8,881	- 19	95.0	963	- 94	97.0	5,902	-103
June 30	221.5	1,400	34.7	97.2	8,931	19	95.2	987	9	97.3	6,068	64
July 31	220.8	1,329	-26.5	97.4	9,031	37	98.9	1,472	181	97.5	6,179	41
Aug. 31	220.8	1,329	0	95.9	8,294	-275	97.1	1,227	- 91	97.4	6,124	- 21
Sept. 30	221.0	1,349	7.7	96.2	8,437	55	95.5	1,024	- 78	97.3	6,068	- 22
WTR YR 1976	-	-	- 0.6	-	-	0	-	-	1	-	-	4

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 1975, in South Atlantic Slope basins

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum		
					Probable date	Gage height (feet)	Discharge (cfs)
		Pee Dee River basin					
02131110	Jefferies Creek above Florence, S.C.	Lat 34°10'40", long 79°48'34", Florence County, on upstream side of bridge on County Road 29, 2.6 miles southwest of Florence, and 5.0 miles upstream from confluence with Middle Swamp.	30.1	1968-76	3-18-76	5.97	421
02131500	Lynches River near Bishopville, S.C.	Lat 34°15'00", long 80°12'50", Lee County, near center of span on downstream side of bridge on U.S. Highway 15, 1.0 mile upstream from Seaboard Coast Line Railroad bridge, 2.9 miles northeast of Bishopville, 3.0 miles downstream from Bells Branch, and at mile 89.5.	675	1942-71‡ 1972-76	6-27-76	15.36	7,720
02131990	Carter Creek at Effingham, S.C.	Lat 34°03'51", long 79°46'03", Florence County on upstream side of culvert on U.S. Highway 301, 0.8 mile northwest of Effingham, and 0.9 mile upstream from Lynches River.	8.28	1974-76	6-27-76	6.75	460
02132500	Little Pee Dee River near Dillon, S.C.	Lat 34°24'17", long 79°20'25", Dillon County, near center of span on downstream side of bridge on State Highway 9, 1.9 miles southeast of Dillon, 3.9 miles (revised) upstream from Maple Swamp, and at mile 88.3.	524	1939-71‡ 1972-76	2- 4-76	8.93	1,500
02135620	Belt Branch near Manning, S.C.	Lat 33°41'54", long 80°13'50", Clarendon County, on downstream side of culvert on S.C. Highway 261, 1.1 miles west of Manning, and 2.5 miles upstream from Pocotaligo Swamp.	0.83	1974-76	6-20-76	3.79	10
		Santee River basin					
02153500	Broad River at Gaffney, S.C.	Lat 35°05'20", long 81°34'20", Cherokee County, 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.	1490	1938-71‡ 1972-76	10-18-75	11.58	32,100
02156000	Pacolet River near Clifton, S.C.	Lat 34°58'10", long 81°48'05", Spartanburg County, on left bank 1.0 mile (revised) downstream from dam at Clifton Mill, 1.3 miles southeast of Clifton, 2.7 miles upstream from Lawsons Fork Creek, 2.7 miles northeast of Glendale, and at mile 28.2.	320	1939-71‡ 1972-76	10-18-75	11.79	11,600
02156300	Lawsons Fork Creek at Spartanburg, S.C.	Lat 34°56'53", long 81°52'08", Spartanburg County, on downstream side of bridge on secondary road, 0.8 mile east of Spartanburg, S.C.	74.7	1966-70‡ 1970-76	10-18-75	13.27	2,900
02157500	Middle Tyger River at Lyman, S.C.	Lat 34°56'35", long 82°08'00", Spartanburg County, on left bank 200 ft upstream from bridge on State Highway 292 at Lyman, S.C.	68.3	1937-68‡ 1970-76	10-18-75	7.30	1,870
02158000	North Tyger River near Moore, S.C.	Lat 34°48'10", long 81°57'57", Spartanburg County, on right bank at Ott Shoals, 2.6 miles southeast of Moore, S.C.	162	1933-68‡ 1970-76	10-18-75	3.95	2,700
02158500	South Tyger River near Reidville, S.C.	Lat 34°52'35", long 82°05'10", Spartanburg County, on left bank 0.4 mile upstream from bridge on State Highway 296, 1.8 miles northeast of Reidville, S.C.	106	1934-68‡ 1970-76	10-18-75	8.62	3,140
02159000	South Tyger River near Woodruff, S.C.	Lat 34°45'21", long 81°56'19", Spartanburg County, on left bank at Chesnee Shoals, 0.5 mile upstream from confluence with North Tyger River 5.75 miles east of Woodruff, and at mile 0.5.	174	1933-71‡ 1972-76	3-17-76	5.70	3,350

‡ Operated as a continuous-record gaging station.
† Discharge not determined.
* Discharge measurement.

Annual maximum discharge at crest-stage partial-record stations during water year 1975, in South Atlantic Slope basins

Station No.	Station name	Location	Drainage area (sq mi)	Period of record	Annual maximum: Probable date	Annual maximum: Gage height (feet)	Annual maximum: Discharge (cfs)
		Santee River basin.--Continued					
02159600	Dutchman Creek near Pauline, S.C.	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 miles southwest of Pauline.	8.97	1966-76	10-18-75	10.46	2,310
02160000	Fairforest Creek near Union, S.C.	Lat 34°40'45", long 81°41'25", Union County, on right bank at downstream side of bridge on State Highway 49, 0.3 mile downstream from Buffalo Creek, 4.3 miles southwest of Union, and at mile 7.5	183	1940-71‡ 1972-76	10-18-75	4.98	2,150
02160130	Enoree River near Travelers Rest, S.C.	Lat 34°59'21", long 82°25'15", Greenville County, on upstream side of culvert on U.S. Highway 25, 0.6 mile upstream from North Enoree River and 2.0 miles northeast of Travelers Rest.	5.37	1974-76	10-18-75	2.62	45
02163000	Saluda River near Pelzer, S.C.	Lat 34°40'05", long 82°27'55", Anderson County on right bank 0.4 mile downstream from Hurricane Creek, 1.9 miles north of Pelzer, and at mile 114.2.	405	1929-71‡ 1972-76	1-28-76	5.62	5,290
0216400	Reedy River near Greenville, S.C.	Lat 34°48'00", long 82°21'55", Greenville County, on right bank 375 ft downstream from bridge on Interstate Highway 85, 0.5 mile upstream from Brushy Creek, 2.5 miles upstream from dam at Conestee, 3.9 miles southeast of city hall in Greenville, and at mile 48.5.	48.6	1941-71‡ 1972-76	3-17-76	(a)	(†)
02167725	Horse Creek near Gilbert, S.C.	Lat 33°57'55", long 81°26'32", Lexington County, on upstream side of culvert on County Road 54, 3.0 miles above Little Horse Creek and 4.0 miles northwest of Gilbert.	4.78	1974-76	7-25-76	5.89	468
02167750	Camping Creek Trib near Prosperity, S.C.	Lat 34°12'35", long 81°30'08", Newberry County, on upstream side of culvert on County Road 437, 0.35 mile above Camping Creek, and 1.8 miles east of Prosperity.	0.52	1974-76	3-16-76	4.67	45
02169540	Savanna Branch near Cayce, S.C.	Lat 33°55'47", long 81°07'05", Lexington County, on upstream side of culvert on S.C. Highway 215, 0.75 miles upstream from Congaree Creek and 3.9 miles southwest of Cayce.	7.15	1974-76	6- 4-76	3.41	178
		Edisto River basin					
02172500	South Fork Edisto River near Montmorenci, S.C.	Lat 33°34'35", long 81°30'50", Aiken County, near center of span on downstream side of bridge on State Highway 215, 0.4 mile upstream from Cedar Creek, 1 mile upstream from Shaw Creek, 7.6 miles northeast of Montmorenci, and at mile 167.3.	198	1939-66‡ 1967-76	6-29-76	7.92	1,550
02-173000	South Fork Edisto River near Denmark, S.C.	Lat 33°23'35", long 81°08'00", Orangeburg County, on left bank at downstream side of bridge on U.S. Highway 321, 360 ft downstream from Seaboard Coast Line Railroad bridge, 1.8 miles downstream from Little River, 4.8 miles north of Denmark, and at mile 136.6.	720	1931-71‡ 1972-76	6-30-76	7.19	1,880
		Savannah River basin					
02-184100	Cleveland Creek near Fairplay, S.C.	Lat 34°31'32", long 82°59'29", Oconee County, on upstream side of culvert on S.C. Highway 59, 1.0 mile northwest of Fairplay, and 2.4 miles upstream from Beaver Dam Creek.	5.61	1974-76	5-29-76	6.21	400
02188000	Rocky River near Calhoun Falls, S.C.	Lat 34°08'00", long 82°38'00", Abbeville County, on right bank 2,000 ft upstream from Swanigan Mill bridge on county road, 3.25 miles northwest of Calhoun Falls, S.C.	267	1950-66† 1970-76	3-17-76	6.08	3,380
02192500	Little River near Mount Carmel, S.C.	Lat 34°04'13", long 82°30'02", McCormick County, on right bank 480 ft downstream from Island Ford bridge, and 4.5 miles north of Mount Carmel, S.C.	217	1939-70‡ 1970-76	3-17-76	17.58	5,390

‡ Operated as a continuous-record gaging station.
† Discharge not determined.
* Discharge measurements.
a Stage not determined.

GROUND WATER RECORDS

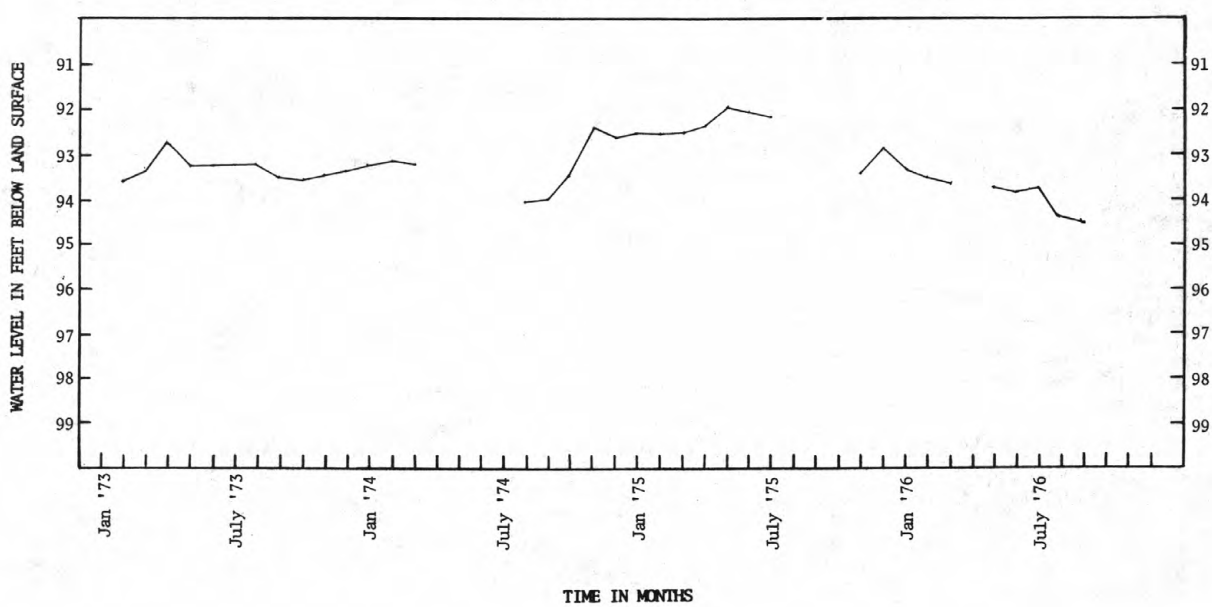
AIKEN COUNTY

332555081531501. Local number, AK 183.
LOCATION.--Lat 33°25'55", long 81°53'15", Hydrologic Unit 03060106, near Beach Island.
Owner: Lyles and Long Construction Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused industrial artesian well, diameter 10 in (25.6 cm) depth 320 ft (97.5 m), cased to 320 ft (97.5 m) screened 290-320 ft (88.4-97.5 m).
DATUM.--Land-surface datum is 254 ft (77.4 m) above mean sea level. Measuring point: Top of casing, 0.85 ft (0.26 m) above land-surface datum.
REMARKS.--
PERIOD OF RECORD.--1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.92 ft (27.41 m) below land-surface datum, Mar. 15, 1966; lowest 99.43 ft below land-surface datum, Mar. 4, 1958.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 1200

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---	93.34	92.51	93.12	94.09	---	93.56	93.90	93.74	94.30	94.62
2		---	93.33	92.54	93.20	93.75	---	93.57	93.85	93.85	94.30	94.50
3		---	93.43	92.58	93.31	93.44	---	93.60	93.79	94.20	94.36	94.60
4		---	93.62	92.59	93.38	93.90	---	93.70	93.65	93.96	94.38	94.23
5		---	92.85	92.68	93.42	93.65	---	93.82	93.66	93.75	94.26	94.35
6		---	92.79	93.51	93.30	93.75	---	93.86	93.73	93.55	94.26	94.42
7		---	92.74	93.46	93.33	93.76	---	93.77	93.54	93.41	94.29	94.56
8		---	92.64	93.20	93.25	93.48	---	93.76	93.45	93.64	94.25	94.63
9		---	92.59	93.36	93.31	93.50	---	93.82	93.48	93.75	94.12	94.58
10		---	92.41	93.58	93.32	93.55	---	93.70	93.61	93.77	94.34	94.64
11		93.59	92.74	93.48	93.33	93.59	---	93.69	93.64	93.76	94.61	---
12		93.50	92.75	93.40	93.46	93.59	---	93.67	93.84	93.80	94.51	---
13		93.20	92.86	93.38	93.49	93.50	---	93.80	94.11	93.69	94.31	---
14		93.17	92.85	93.38	93.61	93.67	---	93.85	94.12	93.87	94.03	---
15		93.35	92.79	93.48	93.70	93.71	---	93.74	94.18	93.86	94.34	---
16		93.50	92.98	93.31	93.54	93.49	---	93.60	94.12	93.85	94.46	---
17		93.55	93.05	93.26	93.46	93.53	---	93.57	93.94	94.02	94.26	---
18		93.48	93.82	93.43	93.38	93.58	---	93.63	93.84	94.05	94.42	---
19		93.40	92.80	93.56	93.38	93.59	---	93.55	93.72	94.13	94.43	---
20		93.30	92.75	93.52	93.43	93.53	---	93.60	93.82	94.28	94.14	---
21		93.25	92.63	93.47	93.45	93.50	---	93.88	93.80	94.20	94.26	---
22		93.34	92.59	93.51	93.30	93.52	---	94.02	93.81	94.29	94.10	---
23		93.39	92.61	93.65	93.48	93.52	93.64	93.94	93.86	94.12	94.20	---
24		93.35	92.65	93.45	93.62	93.52	93.80	93.70	93.86	94.29	94.30	---
25		93.32	92.93	93.47	93.59	93.63	93.82	93.68	93.94	94.36	94.57	---
26		93.32	92.67	93.47	93.54	93.29	93.75	93.80	94.12	94.23	94.31	---
27		93.26	92.63	93.45	93.50	---	93.77	93.94	94.10	94.39	94.07	---
28		93.31	92.71	93.41	93.51	---	93.78	93.87	94.03	94.35	94.29	---
29		93.38	92.83	93.30	93.77	---	93.89	93.84	93.89	94.34	94.44	---
30		93.38	92.81	93.16	---	---	93.80	93.82	93.86	94.26	94.40	---
31		---	92.64	93.19	---	---	---	93.89	---	94.32	94.46	---
MONTH		---	92.86	93.28	93.43	93.60	---	93.74	93.84	94.00	94.31	---

MONTHLY MEAN HYDROGRAPH



AIKEN COUNTY

331940081443501. Local number, 4-m.
LOCATION.--Lat 33°19'40", long 81°44'35", Hydrologic Unit 03060106, at Savannah River Plant.
Owner: U.S. Atomic Energy Commission.
AQUIFER.--Sands of the Tuscaloosa Formation.
WELL CHARACTERISTICS.--Drilled unused industrial artesian well, diameter 18 in (46.2 cm) from surface to 318 ft (97 m), 8 in (20.5 cm) from 279 ft (85 m) to 605 ft (184.4 m), depth 605 ft (184.4 m), cased to 605 ft (184.4 m), screened 390-400 ft (119-122 m), 455-465 ft (139-142 m), 590-600 ft (180-183 m).
DATUM.--Land-surface datum is 357 ft (109 m) above mean sea level. Measuring point: top of casing at land-surface datum.
REMARKS.--Formerly listed AK 2 or LA 4 before 1974.
PERIOD OF RECORD.--1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 144.82 ft (44.15 m) below land-surface datum, Feb. 23, 1966; lowest, 153-99 ft (46.94 m) below land-surface datum, Sept. 16, 18, 19, 24, 26, 1970.

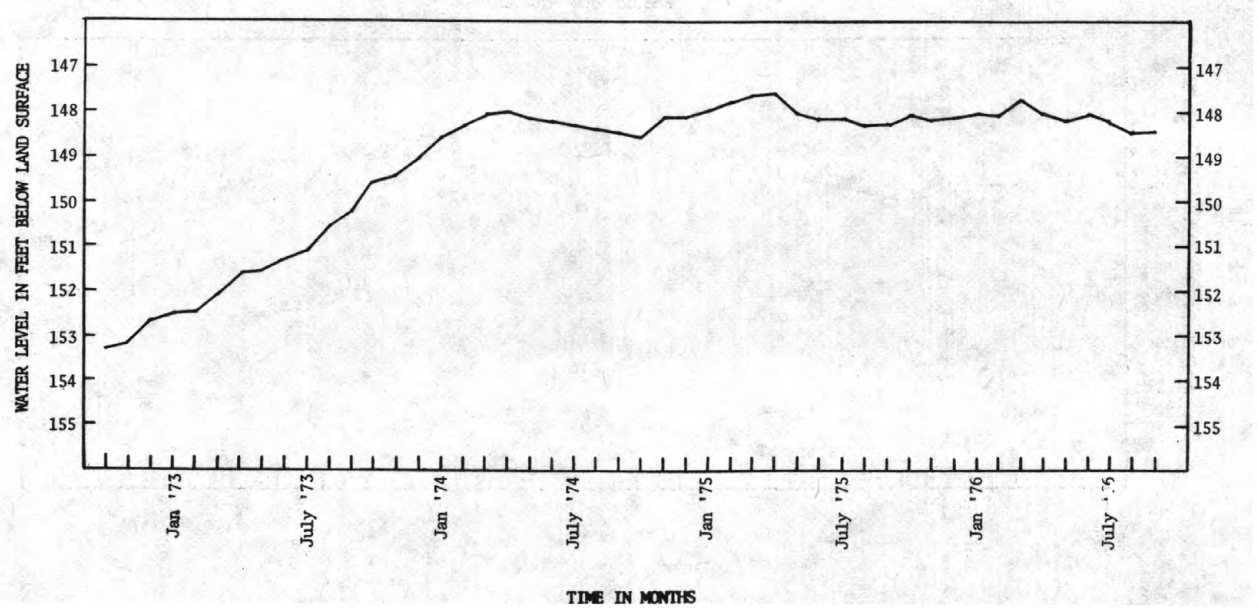
LATITUDE 331940 LONGITUDE 0814435 WELL DEPTH 605.00 GEOLOGIC UNIT 211TSCL DATUM 357.00 STATE 45 COUNTY 003

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	148.08	148.28	148.07	147.86	147.77	147.78	147.85	148.07	147.96	148.17	148.16	148.51
2	148.08	148.21	148.11	147.99	147.78	147.81	147.91	148.01	148.02	148.27	148.14	148.51
3	148.23	148.15	148.17	147.97	147.98	147.86	147.95	148.05	148.01	148.32	148.33	148.53
4	148.25	148.15	148.27	147.98	148.11	147.86	147.85	148.22	148.08	148.16	148.45	148.51
5	148.09	148.21	148.31	148.09	148.17	147.82	147.84	148.33	148.15	148.05	148.44	148.40
6	147.92	148.23	148.28	148.16	148.07	147.76	147.89	148.30	148.11	148.06	148.43	148.38
7	147.97	148.19	148.12	148.06	148.04	147.68	147.91	148.25	148.05	148.14	148.40	148.41
8	148.06	148.20	148.03	147.90	147.93	147.59	147.93	148.22	148.04	148.22	148.27	148.52
9	148.12	148.16	147.90	148.10	147.94	147.49	148.01	148.19	148.07	148.27	148.25	148.55
10	148.19	148.13	148.04	148.23	148.06	147.61	148.11	148.19	148.09	148.27	148.38	148.50
11	148.15	148.16	148.21	148.10	148.10	147.79	148.05	148.17	148.07	148.15	148.48	148.52
12	147.98	148.09	148.32	148.01	148.17	147.84	148.04	148.17	148.03	147.99	148.50	148.51
13	147.86	148.00	148.37	148.02	148.20	147.72	148.09	148.23	147.95	147.99	148.48	148.52
14	147.94	148.13	148.31	148.04	148.21	147.68	148.13	148.25	147.93	148.10	148.48	148.40
15	148.03	148.26	148.18	148.14	148.17	147.62	148.16	148.16	147.94	148.22	148.49	148.26
16	148.07	148.22	148.10	148.05	148.05	147.46	148.21	148.11	147.93	148.26	148.48	148.31
17	148.01	148.19	148.08	147.92	147.97	147.57	148.16	148.08	147.99	148.24	148.50	148.40
18	147.99	148.25	148.13	148.05	147.94	147.78	148.10	148.13	148.06	148.21	148.51	148.43
19	147.95	148.27	148.30	148.21	147.95	147.89	148.04	148.29	148.05	148.24	148.53	148.37
20	147.89	148.20	148.26	148.24	148.06	147.89	148.07	148.39	147.96	148.30	148.55	148.30
21	148.01	148.11	148.07	148.14	148.11	147.80	148.11	148.34	147.97	148.30	148.50	148.29
22	148.10	148.16	147.99	148.12	147.98	147.87	148.11	148.24	148.10	148.33	148.39	148.38
23	148.14	148.17	148.00	148.11	148.10	148.01	148.20	148.05	148.21	148.33	148.33	148.53
24	148.19	148.13	148.07	148.05	148.25	148.04	148.20	147.95	148.23	148.27	148.43	148.63
25	148.14	148.13	148.00	148.01	148.25	147.98	148.06	148.06	148.21	148.19	148.53	148.59
26	147.92	148.22	147.82	147.98	148.14	147.94	148.03	148.22	148.24	148.18	148.55	148.44
27	147.82	148.18	147.91	147.94	148.01	147.89	148.23	148.32	148.21	148.24	148.57	148.34
28	147.95	148.19	148.00	148.02	147.92	147.80	148.31	148.15	148.15	148.27	148.55	148.36
29	148.07	148.24	148.04	148.03	147.83	147.71	148.31	147.89	148.15	148.30	148.44	148.37
30	148.13	148.18	147.99	147.99	---	147.73	148.22	147.91	148.14	148.32	148.38	148.35
31	148.25	---	147.83	147.98	---	147.78	---	147.93	---	148.27	148.47	---
MONTH	148.05	148.17	148.10	148.04	148.04	147.77	148.06	148.15	148.07	148.21	148.43	148.43

YEAR MAX 148.63 MIN 147.46 MEAN 148.13

MONTHLY MEAN HYDROGRAPH



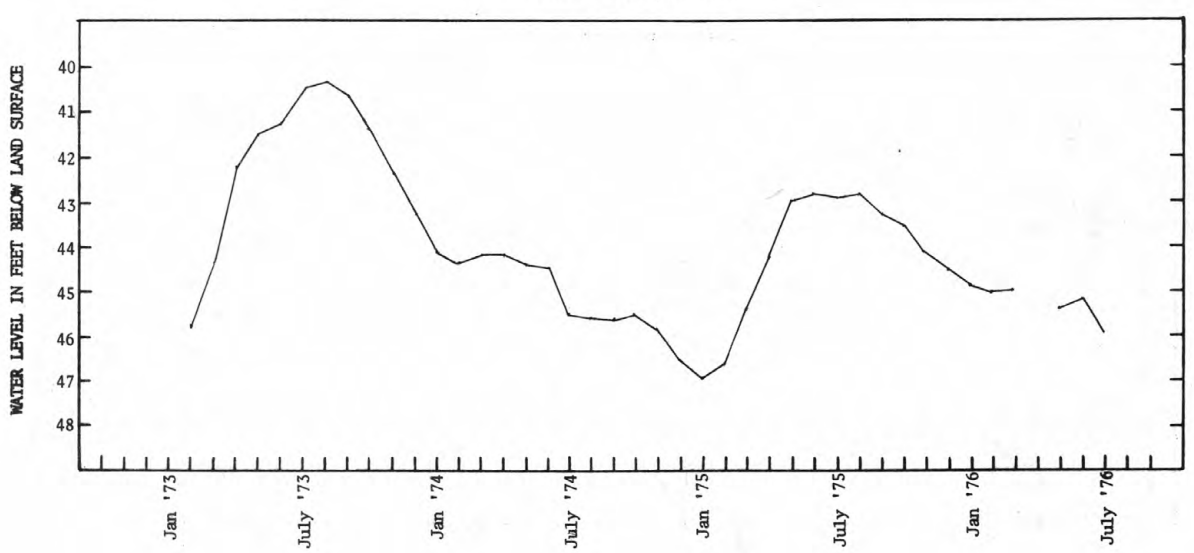
AIKEN COUNTY

331705081391501. Local number, S 138.
LOCATION.--Lat 33°17'05", long 81°39'15", Hydrologic Unit 03060106.
Owner: U.S. Atomic Energy Commission.
AQUIFER.--Sand of Eocene age.
WELL CHARACTERISTICS.--Drilled unused domestic artesian well, diameter 3 in (7.7 cm), depth 90 ft (27.4 m), casing depth not available.
DATUM.--Land-surface datum is 292 ft (89 m) above mean sea level. Measuring point: Top of casing, 0.88 ft (0.27 m) above land-surface datum.
PERIOD OF RECORD.--1951-60, 1966, 68, 69, 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water llevel measured, 32.30 ft (9.85 m) below land-surface datum, Apr. 28, 1960; lowest 54.68 ft (16.67 m) below land-surface datum, Feb. 12, 1955.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 1200

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.17	44.80	45.24	45.74	45.76	45.82	---	---	46.32	45.97		
2	44.12	44.79	45.27	45.85	45.73	45.84	---	---	46.30	46.02		
3	44.28	44.78	45.31	45.80	45.96	45.87	---	---	46.28	46.06		
4	44.33	44.77	45.37	45.83	46.05	45.89	---	---	46.31	46.01		
5	44.28	44.80	45.42	45.95	46.07	45.90	---	---	46.37	45.96		
6	44.24	44.80	45.42	45.98	45.84	45.87	---	---	46.36	46.00		
7	44.23	44.79	45.37	45.84	45.79	45.88	---	---	46.24	46.00		
8	44.23	44.78	45.33	45.62	45.81	45.87	---	---	46.13	46.00		
9	44.25	44.82	45.30	45.94	45.81	45.67	---	---	46.11	45.98		
10	44.30	44.86	45.33	46.03	45.94	45.85	---	---	46.12	45.97		
11	44.31	44.88	45.53	45.91	45.85	45.98	---	---	46.10	45.96		
12	44.31	44.87	45.59	45.76	45.90	46.00	---	---	46.06	45.88		
13	44.34	44.76	45.65	45.79	45.92	45.88	---	---	46.10	45.84		
14	44.38	44.90	45.65	45.76	45.89	45.98	---	---	46.16	45.89		
15	44.38	45.08	45.57	45.89	45.96	45.97	---	---	46.14	45.95		
16	44.37	45.08	45.45	45.72	45.86	45.70	---	---	46.08	45.96		
17	44.27	45.08	45.49	45.57	45.77	45.87	---	---	46.06	---		
18	44.27	45.10	45.55	45.94	45.74	46.03	---	---	46.10	---		
19	44.42	45.10	45.76	46.12	45.69	46.00	---	---	46.13	---		
20	44.50	45.06	45.73	46.00	45.80	45.90	---	---	46.04	---		
21	44.53	44.94	45.59	46.05	45.87	45.79	---	46.34	46.03	---		
22	44.52	45.06	45.61	45.75	45.70	45.89	---	46.33	46.08	---		
23	44.52	45.14	45.65	45.81	45.88	45.97	45.95	46.28	46.12	---		
24	44.54	45.16	45.78	45.80	46.01	45.96	---	46.00	46.11	---		
25	44.54	45.13	45.76	45.45	46.98	45.82	---	46.29	46.05	---		
26	44.54	45.23	45.56	45.80	45.88	45.78	---	46.41	46.05	---		
27	44.58	45.16	45.72	45.89	45.79	---	---	46.48	46.08	---		
28	44.67	45.24	45.85	45.92	45.79	---	---	46.46	46.06	---		
29	44.68	---	45.90	45.84	45.80	---	---	46.30	46.01	---		
30	44.66	---	45.78	45.75	---	---	---	46.28	45.96	---		
31	44.77	---	45.60	45.83	---	---	---	46.31	---	---		
MONTH	44.40	44.96	45.55	45.83	45.89	45.88	---	---	46.13	---		

MONTHLY MEAN HYDROGRAPH



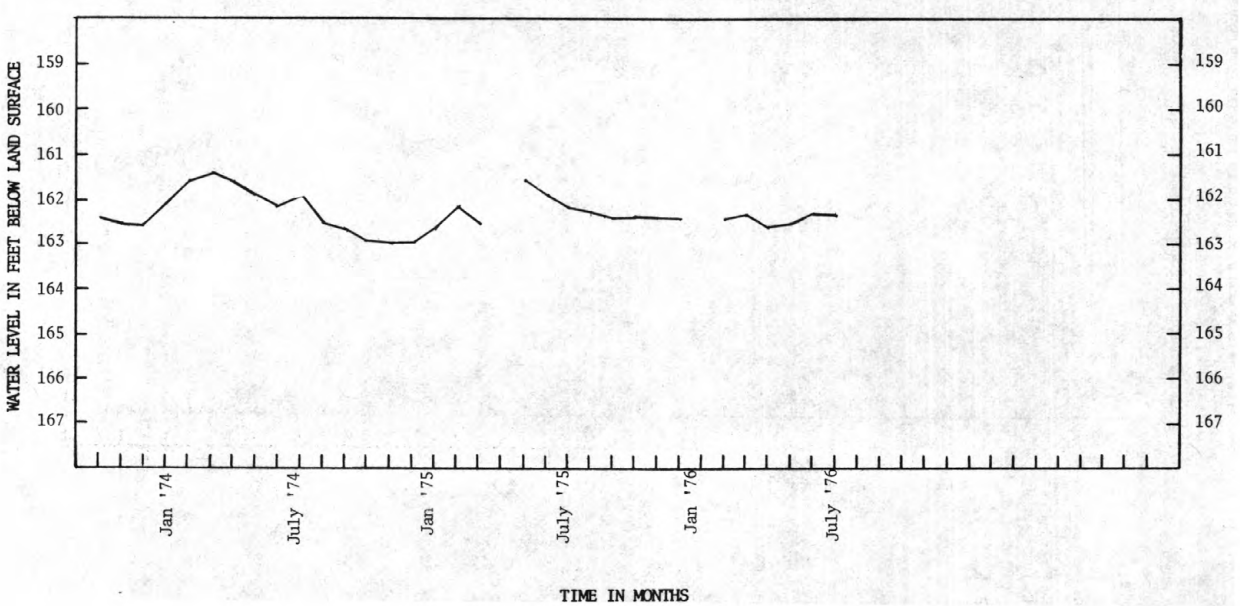
AIKEN COUNTY

33120081440501. Local number, S 411.
LOCATION.--Lat 33°12'00", long 81°44'05", H Hydrologic Unit 03060106.
Owner: U.S. Atomic Energy Commission.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused domestic artesian well, diameter 2 in (5.1 cm), depth 270 ft (82.3 m), cased to 265 ft (80.8 m).
DATUM.--Land-surface datum is 157.53 ft (48.02 m) above mean sea level. Measuring point: Top of casing, 17.82 ft (5.43 m) above land surface datum prior to 1974.
PERIOD OF RECORD.--1952-60, 1966, 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 165.29 ft (50.38 m) above mean sea level, Apr. 17, 1964; lowest measured, 159.75 ft (48.69 m) above mean sea level, Sept. 10, 1956.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
INSTANTANEOUS OBSERVATIONS AT 1200

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162.38	162.30	162.34	---	162.06	162.51	---	162.60	162.44	162.43		
2	162.38	162.32	162.40	162.49	162.22	162.51	---	162.61	162.29	162.47		
3	162.50	162.36	162.39	---	162.28	162.53	---	162.65	162.22	162.53		
4	162.48	162.39	162.38	---	162.34	162.53	---	162.74	162.15	162.50		
5	162.45	162.38	162.37	---	162.29	162.51	---	162.76	162.10	162.49		
6	162.44	162.37	---	---	162.18	162.49	---	162.75	162.02	162.52		
7	162.45	162.39	---	---	162.24	162.50	---	162.72	161.93	162.48		
8	162.43	162.34	---	---	162.17	162.49	---	162.75	161.86	162.41		
9	162.39	162.38	---	---	162.28	162.35	---	162.79	161.84	162.33		
10	162.35	162.40	---	---	162.33	162.44	---	162.80	161.84	162.25		
11	162.38	162.44	---	---	162.28	162.52	---	162.77	161.82	162.22		
12	162.37	162.35	---	---	162.35	162.34	---	162.77	161.87	162.19		
13	162.39	162.27	---	---	162.37	162.43	---	162.79	161.97	162.25		
14	162.39	162.35	---	---	162.45	162.51	---	162.80	162.13	162.33		
15	162.37	162.38	---	---	162.48	162.46	---	162.73	162.27	162.37		
16	166.35	162.35	---	---	162.46	162.25	---	162.75	162.36	162.37		
17	162.23	162.37	---	---	162.45	161.90	---	162.70	162.46	---		
18	162.23	162.43	---	---	162.39	161.90	---	162.66	162.48	---		
19	162.28	162.39	---	---	162.40	---	---	162.69	162.52	---		
20	162.31	162.32	---	---	162.47	---	---	162.62	162.48	---		
21	162.33	162.24	---	---	162.45	---	---	162.47	162.47	---		
22	162.25	162.34	---	---	162.37	---	---	162.31	162.51	---		
23	162.21	162.40	---	---	162.54	---	162.67	162.25	162.53	---		
24	162.17	162.42	---	---	162.60	---	162.69	162.27	162.47	---		
25	162.13	162.44	---	---	162.55	---	162.66	162.35	162.48	---		
26	162.12	162.46	---	---	162.52	---	162.68	162.45	162.47	---		
27	162.22	162.36	---	---	162.53	---	162.78	162.53	162.53	---		
28	162.31	162.39	---	---	162.51	---	162.80	162.51	162.46	---		
29	162.29	162.41	---	---	162.51	---	162.80	162.20	162.44	---		
30	162.23	162.42	---	162.26	---	---	162.75	162.38	162.39	---		
31	162.29	---	---	162.25	---	---	---	162.41	---	---		
MEAN	162.45	162.37	---	---	162.38	---	---	162.60	162.26	---		
MAX	166.35	162.46	---	---	162.60	---	---	162.80	162.53	---		
MIN	162.12	162.24	---	---	162.06	---	---	162.20	161.82	---		

MONTHLY MEAN HYDROGRAPH



BEAUFORT COUNTY

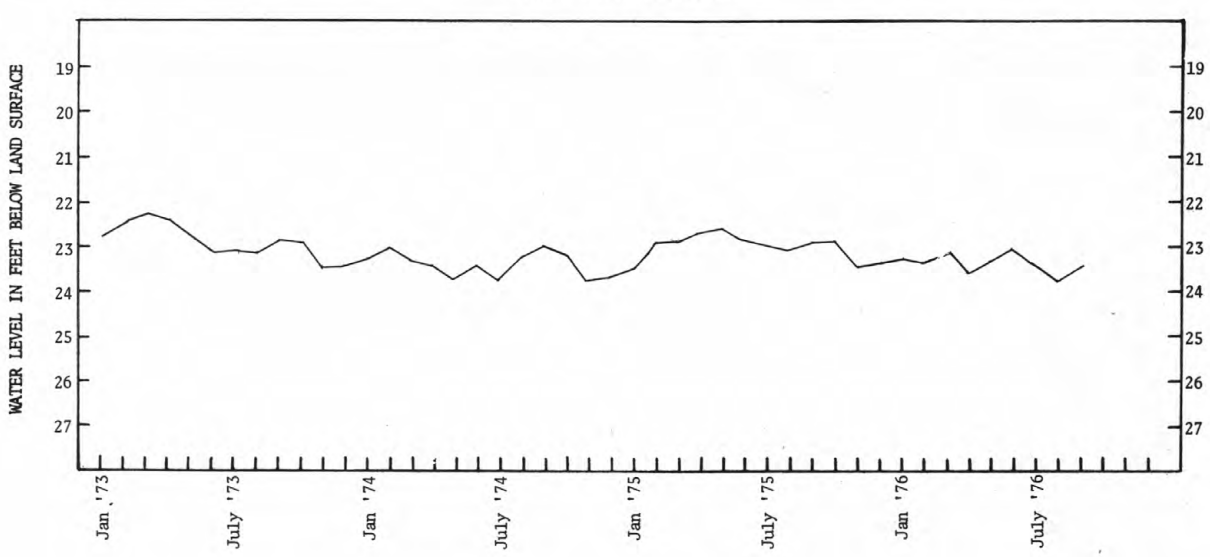
321551080491003. Local number, BFT 429.
LOCATION.--Lat 32°15'51", long 80°49'10", Hydrologic Unit 03050208, at Victoria Bluff on the Coast northwest of Hilton Head.
Owner: S.C. Wildlife and Marine Resources Dept.
AQUIFER.--Ocala limestone.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in (15.38 cm), depth 300 ft (91.4 m), cased to 100 ft (30.5 m), open hole to 300 ft (91.4 m).
DATUM.--Land-surface datum is 22.0 ft (6.7 m) above mean sea level. Measuring point: Top of casing, 1.85 ft (0.56 m) above land-surface datum.
REMARKS.--
PERIOD OF RECORD.--1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.17 ft (6.45 m) below land-surface datum, Oct. 22 and Nov. 1, 1971; lowest, 24.75 ft (7.54 m) below land-surface datum, July 17, 20, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22.57	23.03	23.40	23.40	23.03	---	22.98	23.63	23.05	22.99	24.36	23.58
2	22.60	23.00	23.38	23.38	23.37	---	23.08	23.54	23.10	23.06	24.58	23.59
3	22.69	23.03	23.45	23.26	23.39	---	23.09	23.57	23.11	23.07	24.41	23.59
4	22.63	23.11	23.52	23.44	23.48	---	23.02	23.65	23.10	23.01	23.96	23.51
5	22.57	23.23	23.55	23.50	23.49	23.47	23.08	23.56	23.01	23.04	23.76	23.45
6	22.78	23.24	23.55	23.41	23.39	23.70	22.98	23.50	22.90	23.00	23.66	23.46
7	23.27	23.21	23.52	23.27	23.42	23.99	22.97	23.46	22.79	22.95	23.60	23.43
8	22.83	23.27	23.49	23.27	23.32	23.48	22.91	23.42	22.76	22.96	23.53	23.42
9	22.79	23.30	23.34	23.55	23.44	23.18	22.96	23.34	22.84	22.94	23.48	23.45
10	22.79	23.31	23.40	23.53	23.43	23.34	23.41	23.78	22.89	22.94	23.55	23.41
11	22.77	23.35	23.49	23.40	23.42	23.31	23.83	23.27	22.89	22.92	23.57	23.47
12	22.79	23.25	23.52	23.42	23.44	23.22	23.48	23.14	22.94	22.92	23.60	23.53
13	22.84	23.34	23.55	23.37	23.35	23.15	23.25	23.14	23.05	22.99	23.59	23.51
14	22.86	23.57	23.54	23.36	23.37	23.22	23.22	23.10	23.11	23.03	23.61	23.17
15	22.91	23.59	23.42	23.34	23.30	23.07	23.38	23.04	23.57	23.10	23.71	23.22
16	22.91	23.54	23.37	23.09	23.22	22.84	24.12	23.12	23.73	23.21	23.78	23.35
17	22.79	23.56	23.30	23.05	23.26	23.03	24.39	23.14	23.33	23.27	23.69	23.43
18	22.92	23.79	23.46	23.30	---	23.09	24.50	23.19	23.18	23.36	23.58	23.47
19	23.04	23.80	23.57	23.31	---	23.00	24.27	23.37	23.15	23.68	23.48	23.46
20	23.13	23.52	23.37	23.18	---	22.98	23.92	23.46	23.11	24.25	23.38	23.42
21	23.12	23.44	23.22	23.12	---	22.97	24.06	23.48	23.15	23.76	23.51	23.44
22	23.05	23.64	23.19	23.21	---	23.11	23.97	23.80	23.15	23.66	23.76	23.49
23	23.38	23.61	23.18	23.22	---	23.09	23.95	23.70	23.10	23.71	23.53	23.44
24	23.86	23.54	23.17	23.21	---	23.02	23.92	23.54	23.04	23.75	23.48	23.35
25	23.74	23.51	23.00	23.28	---	22.97	23.89	23.43	22.98	24.34	23.67	23.29
26	23.25	23.53	23.05	23.27	---	22.98	23.98	23.18	23.01	24.35	24.22	23.26
27	23.21	23.43	23.30	23.24	---	22.92	23.98	23.10	23.05	23.83	24.37	23.30
28	23.17	23.59	23.43	23.34	---	22.94	24.29	22.91	23.00	23.77	24.46	23.39
29	23.06	23.56	23.41	23.27	---	22.92	24.40	22.81	22.92	23.80	24.33	23.36
30	23.03	23.44	23.23	23.23	---	22.86	24.21	22.92	22.93	23.86	23.87	23.27
31	23.06	---	23.17	23.23	---	22.85	---	23.01	---	23.88	23.67	---
MONTH	22.98	23.41	23.37	23.30	---	23.13	23.64	23.33	23.06	23.40	23.79	23.41

YEAR MAX 24.58 MIN 22.57 MEAN 23.35

MONTHLY MEAN HYDROGRAPH



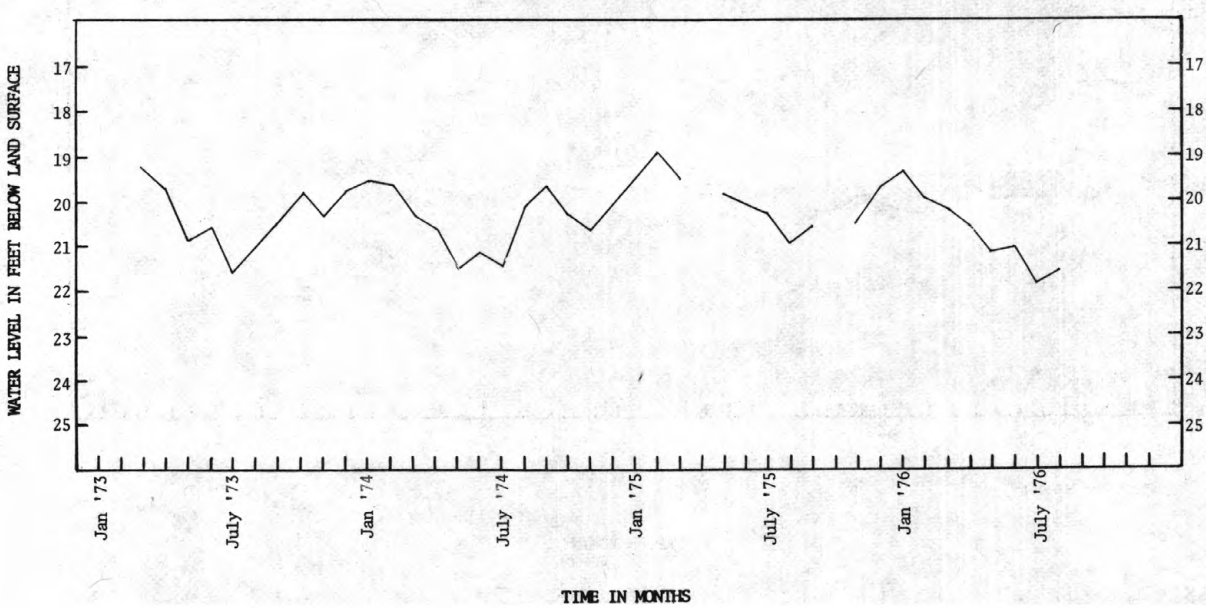
BEAUFORT COUNTY

321125080423000. Local number, BFT 444.
LOCATION.--Lat 32°11'25", long 80°42'30", Hydrologic Unit 03050208, southern part of Hilton Head Island.
Owner: Palmetto Dunes Development Corp.
AQUIFER.--Ocala Limestone.
WELL CHARACTERISTICS.--Drilled unused recreational artesian well, diameter 6 in (15.4 cm), depth 212 ft (64.6 m), cased to 146 ft (44.5 m), open hole to 212 ft (64.6 m).
DATUM.--Land-surface datum is 8 ft (2.4 m) above mean sea level. Measuring point: Top of casing, 0.95 ft (0.29 m) above land-surface datum.
REMARKS.--
PERIOD OF RECORD.--1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.67 ft (5.08 m) below land-surface datum, Jan. 19, 1976; lowest, 24.51 ft (7.47 m) below land, surface datum, July 19, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.53	---	20.50	20.17	19.54	20.09	20.41	21.18	20.69	20.83	22.39	21.66
2	19.82	---	20.16	20.03	19.74	20.17	20.38	20.77	21.33	20.97	22.34	---
3	19.75	---	20.41	19.77	19.71	21.04	20.66	20.97	20.61	21.41	22.43	---
4	20.00	---	20.44	19.70	20.03	20.75	20.35	20.69	21.03	20.97	21.60	---
5	19.97	20.54	20.32	19.49	20.11	20.40	20.75	21.62	20.16	20.85	21.94	---
6	19.79	20.87	20.44	19.78	20.31	20.57	20.94	21.80	20.28	20.72	22.10	---
7	19.99	20.77	20.24	19.24	19.95	20.52	20.47	21.86	20.39	19.96	21.73	---
8	20.15	20.16	20.02	19.56	19.69	20.12	20.86	21.95	20.49	19.92	22.13	---
9	20.37	20.21	19.44	17.12	19.53	19.88	20.83	21.29	21.31	20.24	21.91	---
10	20.37	20.25	19.71	17.87	19.61	20.29	21.35	21.04	21.29	20.66	21.73	---
11	20.31	20.23	19.74	19.76	19.82	20.72	21.40	21.43	20.83	21.21	22.03	---
12	20.40	20.30	19.70	19.99	20.23	20.95	20.81	21.06	21.43	21.49	21.61	---
13	20.54	20.52	19.58	19.67	20.03	20.42	21.43	21.31	21.57	21.54	21.00	---
14	20.17	20.56	19.77	19.65	20.07	20.14	21.25	21.57	21.24	21.02	21.42	---
15	---	20.47	19.86	19.33	19.98	19.61	21.52	21.16	21.57	22.12	21.42	---
16	---	20.30	19.98	19.14	19.96	19.52	22.04	21.39	21.00	22.31	21.78	---
17	---	20.45	19.53	19.04	20.20	19.94	22.16	21.17	21.37	22.44	21.95	---
18	---	20.57	19.93	18.03	20.23	20.05	22.24	21.22	21.50	22.17	21.23	---
19	---	20.45	18.83	16.67	20.15	19.94	21.96	21.77	21.63	21.88	21.49	---
20	---	20.36	19.28	18.72	20.15	19.84	21.93	21.86	21.43	22.51	21.37	---
21	---	20.54	19.59	19.35	19.98	20.03	22.33	21.49	21.29	21.83	20.70	---
22	---	20.52	19.21	19.37	20.05	20.05	22.78	21.93	20.72	22.38	21.00	---
23	---	20.59	18.40	19.91	20.28	20.21	22.66	21.01	20.71	22.93	20.13	---
24	---	20.33	19.39	19.64	20.30	20.43	22.72	20.76	20.56	22.86	21.32	---
25	---	20.46	18.91	19.78	20.15	19.79	22.48	20.04	20.63	22.62	21.44	---
26	---	20.60	19.02	19.73	20.61	19.86	22.59	20.10	21.16	22.72	21.72	---
27	---	20.46	19.74	19.75	19.84	19.94	22.51	20.28	21.33	23.00	21.98	---
28	---	20.45	19.58	19.46	19.74	19.89	22.54	20.21	21.03	23.63	21.82	21.19
29	---	20.30	19.79	19.86	19.99	20.20	22.40	20.38	20.96	23.57	22.29	20.88
30	---	20.15	19.65	19.77	---	19.74	21.65	20.62	21.50	23.26	22.06	20.47
31	---	---	19.91	19.76	---	20.07	---	21.05	---	22.76	21.33	---
MONTH	---	20.43	19.71	19.32	19.99	20.16	21.61	21.12	21.03	21.83	21.65	---
YEAR	MAX	23.63	MIN	16.67	MEAN	20.67						

MONTHLY MEAN HYDROGRAPH



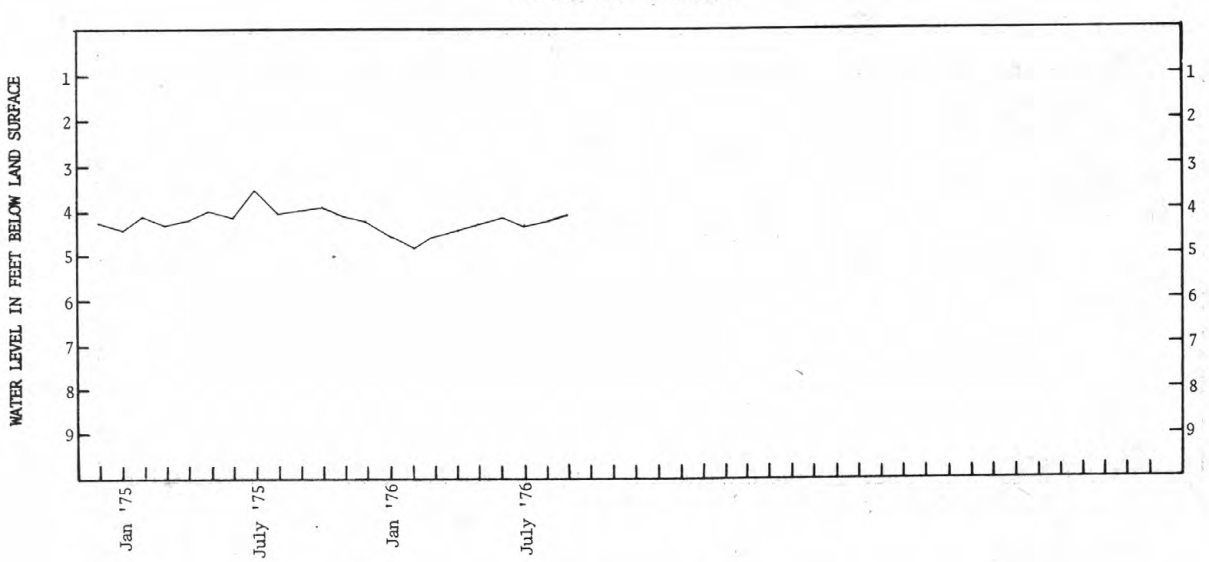
BEAUFORT COUNTY

321930080273400. Local number, BFT 449.
LOCATION.--Lat 32°19'30", long 80°27'34", Hydrologic Unit 03050208, on Fripp Island.
Owner: Fripp Island Development Corp.
AQUIFER.--Upper Eocene limestone.
WELL CHARACTERISTICS.--Drilled unused test and observation artesian well, diameter 12 in (30.73 cm), depth 150 ft (45.73 m), cased to 96 ft (29.26 m), open hole to 150 ft (45.73 m).
DATUM.--Land-surface datum is 12 ft (3.6 m) above mean sea level. Measuring point: Top of casing; 1.0 ft (0.30 m) above land-surface datum.
REMARKS.--
PERIOD OF RECORD.--Dec. 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.03 ft (0.92 m) below land-surface datum, July 28, 1975; lowest, 5.07 ft (1.54 m) below land-surface datum, Feb. 2, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.77	3.70	4.18	4.78	4.54	4.73	4.57	4.28	4.34	4.27	4.54	3.99
2	3.87	3.74	3.95	4.56	5.07	4.80	4.68	4.37	4.39	4.33	4.55	4.09
3	3.89	3.83	4.10	4.47	4.92	4.84	4.57	4.52	4.36	4.29	4.48	4.10
4	3.84	3.99	4.24	4.76	4.96	4.80	4.50	4.62	4.23	4.34	4.34	4.05
5	3.81	4.13	4.25	4.63	5.04	4.77	4.50	4.46	3.97	4.33	4.24	4.03
6	3.89	4.10	4.28	4.49	5.03	4.82	4.27	4.48	3.87	4.21	4.26	4.05
7	3.99	4.06	4.29	4.41	4.92	4.72	4.24	4.55	3.81	4.16	4.28	3.93
8	3.98	4.13	4.22	4.56	4.81	4.60	4.12	4.50	3.88	4.20	4.28	4.03
9	3.98	4.12	3.97	4.77	4.88	4.50	4.10	4.18	4.04	4.23	4.19	4.20
10	3.97	4.13	4.06	4.67	4.83	4.72	4.24	4.08	4.11	4.25	4.26	4.20
11	3.89	4.14	4.14	4.62	4.96	4.56	4.35	4.14	4.14	4.24	4.23	4.10
12	3.91	3.98	4.16	4.73	4.87	4.48	4.44	4.20	4.13	4.33	4.35	4.17
13	3.92	4.18	4.23	4.62	4.78	4.53	4.32	4.25	4.18	4.35	4.37	4.08
14	3.93	4.41	4.26	4.68	4.89	4.67	4.39	4.26	4.10	4.22	4.41	3.65
15	4.00	4.29	4.23	4.55	4.76	4.53	4.57	4.23	4.03	4.28	4.54	3.96
16	3.99	4.21	4.31	4.38	4.81	4.43	4.67	4.36	4.10	4.33	4.59	4.20
17	3.83	4.27	4.24	4.43	4.89	4.75	4.70	4.40	4.22	4.30	4.37	4.29
18	4.01	4.25	4.47	4.59	4.85	4.72	4.68	4.50	4.20	4.32	4.12	4.33
19	4.12	4.22	4.38	4.54	4.97	4.64	4.53	4.56	4.18	4.32	3.92	4.29
20	4.22	4.12	4.17	4.50	4.88	4.67	4.47	4.59	4.20	4.33	3.79	4.24
21	4.13	4.21	4.12	4.61	4.67	4.71	4.45	4.61	4.24	4.38	4.15	4.21
22	4.02	4.48	4.08	4.75	4.73	4.76	4.49	4.61	4.23	4.46	4.14	4.16
23	3.99	4.33	4.06	4.67	5.05	4.57	4.52	4.32	4.16	4.56	4.06	4.12
24	3.78	4.21	4.00	4.68	4.95	4.47	4.48	3.98	4.15	4.55	4.14	4.11
25	3.80	4.17	3.88	4.73	4.82	4.53	4.44	3.92	4.15	4.55	4.18	4.06
26	3.86	4.12	4.21	4.66	4.73	4.54	4.62	4.00	4.23	4.39	4.19	4.07
27	3.88	4.05	4.56	4.68	4.70	4.47	4.47	4.02	4.29	4.33	4.20	4.17
28	3.81	4.26	4.61	4.87	4.70	4.52	4.44	3.89	4.19	4.44	4.22	4.30
29	3.69	4.12	4.47	4.80	4.68	4.40	4.45	3.91	4.08	4.53	4.29	4.15
30	3.71	4.03	4.31	4.79	---	4.38	4.39	4.18	4.16	4.57	4.27	4.06
31	3.68	---	4.40	4.73	---	4.39	---	4.32	---	4.56	4.01	---
MONTH	3.90	4.13	4.22	4.63	4.85	4.61	4.45	4.29	4.14	4.35	4.25	4.11
YEAR	MAX	5.07	MIN	3.65	MEAN	4.33						

MONTHLY MEAN HYDROGRAPH



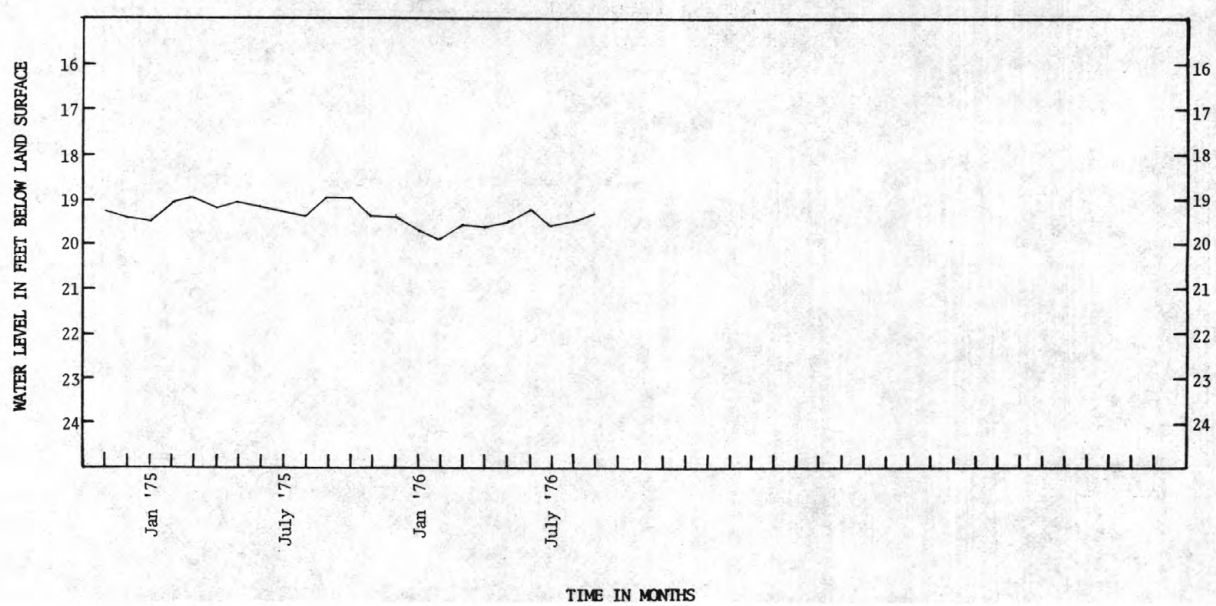
BEAUFORT COUNTY

322340080455500. Local number, BFT 453.
LOCATION.--Lat 32°23'40", long 80°45'55", Hydrologic Unit 03050208, on Paris Island.
Owner: S.C. Water Resources Commission.
AQUIFER.--Upper Eocene (?) limestone, Ocala aquifer.
WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 4 in (10.3 cm), depth 104 ft (31.7 m), cased to 63 ft (19.2 m), open hole to 104 ft (31.7 m).
DATUM.--Land-surface datum is 18 ft (5.5 m) above mean sea level. Measuring point: Top of casing 3.5 ft (1.06 m) above land-surface datum.
REMARKS.--
PERIOD OF RECORD.--Nov. 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.40 ft (5.61 m) below land-surface datum, Nov. 11, 1974; lowest, 20.37 ft (6.21 m) below land-surface datum, Nov. 21, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.65	18.68	19.31	20.18	19.59	19.73	19.68	19.53	19.47	19.40	19.88	19.05
2	18.80	18.73	19.16	19.72	20.47	19.82	19.82	19.60	19.59	19.50	19.85	19.20
3	18.78	18.90	19.30	19.58	20.12	19.89	19.60	19.78	19.49	19.43	19.76	19.20
4	18.70	19.13	19.32	20.12	20.13	19.82	19.56	19.86	19.32	19.46	19.52	19.12
5	18.66	19.32	19.34	19.81	20.25	19.78	19.53	19.59	18.92	19.50	19.37	19.10
6	18.79	19.27	19.42	19.56	20.28	19.92	19.20	19.60	18.75	19.28	19.38	19.15
7	18.95	19.23	19.45	19.51	20.15	19.79	19.19	19.67	18.67	19.22	19.42	18.96
8	18.94	19.37	19.39	19.80	19.97	19.59	19.05	19.58	18.80	19.29	19.45	19.08
9	19.04	19.34	19.07	20.08	20.06	19.48	19.09	19.08	19.05	19.31	19.33	19.35
10	18.94	19.33	19.25	19.79	19.89	19.77	19.24	18.93	19.15	19.35	19.43	19.40
11	18.86	19.37	19.27	19.71	20.15	19.47	19.41	19.03	19.20	19.33	19.38	19.25
12	18.90	19.14	19.24	19.89	19.93	19.33	19.55	19.15	19.23	19.51	19.55	19.31
13	18.92	19.59	19.32	19.69	19.77	19.45	19.28	19.20	19.30	19.59	19.60	19.20
14	18.93	19.87	19.37	19.79	19.95	19.69	19.35	19.19	19.18	19.39	19.64	18.60
15	19.05	19.56	19.31	19.55	19.70	19.50	19.65	19.17	19.08	19.46	19.86	19.11
16	19.04	19.42	19.45	19.36	19.79	19.37	19.84	19.40	19.16	19.56	19.91	19.42
17	18.82	19.48	19.36	19.51	19.93	19.89	19.92	19.49	19.29	19.50	19.59	19.50
18	19.20	19.44	19.82	19.72	19.89	19.73	19.96	19.69	19.25	19.53	19.19	19.57
19	19.33	19.39	19.56	19.52	20.11	19.56	19.79	19.83	19.22	19.52	18.92	19.48
20	19.45	19.28	19.21	19.47	19.92	19.63	19.72	19.97	19.24	19.48	18.94	19.40
21	19.27	19.49	19.20	19.68	19.59	19.73	19.71	20.05	19.37	19.56	19.41	19.40
22	19.12	19.87	19.16	19.89	19.77	19.79	19.80	20.08	19.30	19.69	19.32	19.30
23	19.11	19.64	19.09	19.72	20.26	19.45	19.84	19.69	19.18	19.83	19.15	19.19
24	18.85	19.45	18.98	19.72	19.96	19.29	19.80	19.34	19.15	19.84	19.25	19.18
25	18.87	19.36	18.79	19.79	19.76	19.42	19.73	19.19	19.16	19.85	19.29	19.12
26	19.00	19.21	19.35	19.69	19.68	19.43	20.03	19.25	19.29	19.62	19.27	19.12
27	18.98	19.12	19.83	19.75	19.68	19.35	19.68	19.07	19.39	19.52	---	19.28
28	18.85	19.41	19.85	20.07	19.67	19.45	19.64	18.77	19.27	19.70	---	19.33
29	18.67	19.17	19.59	19.91	19.64	19.26	19.62	18.86	19.12	19.84	---	19.30
30	18.71	19.05	19.38	19.90	---	19.27	19.52	19.24	19.25	19.91	19.28	19.16
31	18.64	---	19.57	19.79	---	19.30	---	19.42	---	19.94	19.03	---
MONTH	18.92	19.32	19.34	19.75	19.93	19.57	19.59	19.42	19.19	19.54	19.42	19.22
YEAR	MAX	20.47	MIN	18.60	MEAN	19.43						

MONTHLY MEAN HYDROGRAPH



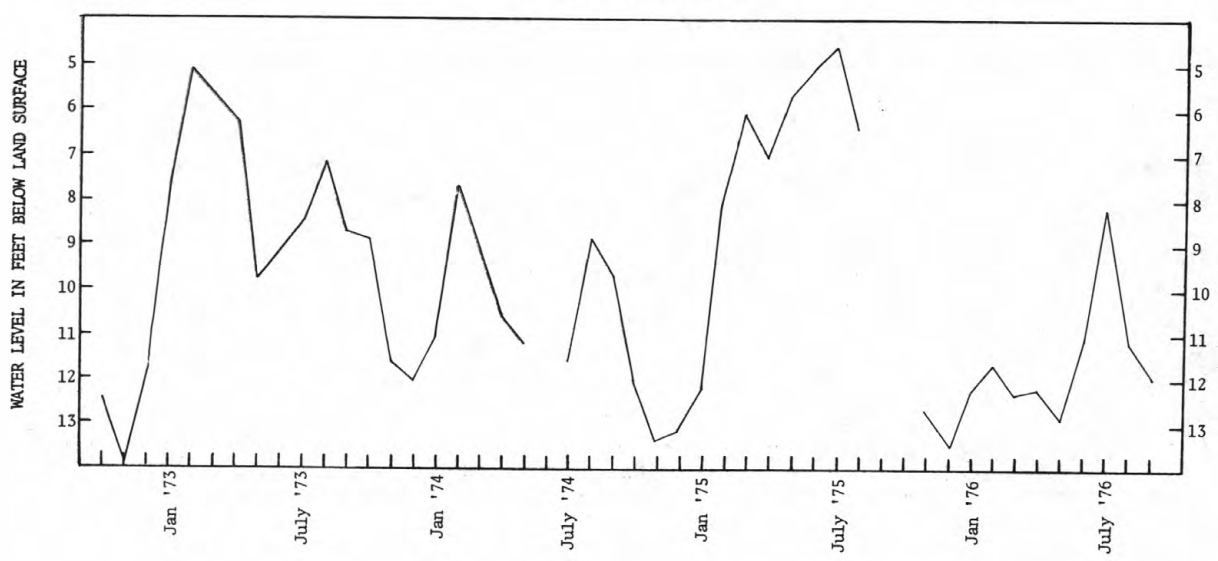
BERKELEY COUNTY

331708079413800. Local number, BRK 53.
LOCATION.--Lat 33°17'08", long 79°41'38", Hydrologic Unit 03050112, at Jamestown.
Owner: Town of Jamestown.
AQUIFER.--Santee Limestone.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 6 in (15.38 cm), depth 32 ft (9.75 m), cased to 28 ft (8.5 m), open hole to 32 ft (9.75 m).
DATUM.--Land-surface datum is 32 ft (9.75 m) above mean sea level. Measuring point: Top of casing, 0.56 ft (0.17 m) above land-surface datum.
REMARKS.--Water levels effected by nearby pumping.
PERIOD OF RECORD.--1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 0.67 ft (0.20 m) below land-surface datum, Mar. 18, 1975; lowest, 14.14 ft (4.31 m) below land-surface datum, Nov. 27, 29, 1972.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	12.23	13.23	12.77	11.34	12.41	12.48	13.71	11.37	9.41	10.45	11.79
2	---	12.26	13.29	12.64	11.39	12.45	12.55	13.66	11.43	9.49	10.65	11.86
3	---	12.30	13.33	12.50	11.27	12.50	12.62	13.67	11.45	9.57	10.60	11.97
4	---	12.35	13.38	12.51	11.27	12.55	12.60	13.73	11.36	9.48	10.51	12.01
5	---	12.40	13.41	12.52	11.21	12.58	12.74	13.73	11.23	8.17	10.48	12.06
6	---	12.45	13.41	12.44	11.04	12.59	12.75	13.74	11.18	7.63	10.52	12.17
7	---	12.47	13.43	12.33	11.22	12.65	12.81	13.73	11.18	6.42	10.58	12.29
8	---	12.49	13.46	12.28	11.18	12.66	12.87	13.55	11.27	5.74	10.67	12.34
9	---	12.54	13.46	12.34	11.41	12.54	12.97	13.43	11.43	5.61	10.77	12.37
10	---	12.56	13.52	12.24	11.48	12.66	13.04	13.39	11.56	5.72	10.98	12.39
11	---	12.60	13.57	12.12	11.42	12.68	13.03	13.35	11.61	5.85	11.10	12.52
12	---	12.58	13.59	12.13	11.64	12.67	13.13	13.35	11.74	6.05	11.15	12.61
13	---	12.59	13.62	12.11	11.64	12.59	13.15	13.38	11.92	6.41	11.16	12.68
14	---	12.71	13.63	12.14	11.76	12.62	13.19	13.38	12.01	6.84	11.26	12.59
15	---	12.77	13.62	12.20	11.81	12.56	13.25	13.39	12.07	7.19	11.40	11.94
16	---	12.77	13.65	12.07	11.74	12.33	13.31	13.29	12.14	7.46	11.48	11.69
17	---	12.81	13.65	12.13	11.79	12.15	13.34	13.22	12.22	7.75	11.59	11.61
18	---	12.86	13.62	12.36	11.80	12.05	13.37	13.13	12.22	8.09	11.68	11.55
19	---	12.87	13.60	12.37	11.89	11.94	13.39	13.08	12.25	8.36	11.78	11.52
20	---	12.88	13.54	12.29	12.07	11.90	13.43	13.03	12.24	8.57	11.71	11.48
21	---	12.90	13.52	12.23	12.06	11.86	13.48	13.01	11.81	8.69	11.46	11.45
22	---	13.00	13.54	12.31	11.99	12.00	13.53	13.03	11.11	8.88	11.34	11.60
23	---	13.02	13.57	12.36	12.23	12.04	13.58	13.01	10.27	9.10	11.31	11.75
24	11.75	13.02	13.60	12.38	12.25	12.03	13.61	12.26	9.79	9.22	11.38	11.77
25	11.79	13.07	13.55	12.46	12.22	11.99	13.62	11.63	9.79	9.36	11.43	11.82
26	11.82	13.11	13.46	12.43	12.21	12.07	13.71	11.50	10.01	9.62	11.42	11.88
27	11.95	13.10	13.40	12.12	12.26	12.10	13.77	11.43	10.14	9.79	11.46	11.92
28	12.02	13.19	13.38	11.84	12.31	12.20	13.80	11.24	9.44	9.90	11.53	11.99
29	12.03	13.23	13.35	11.61	12.36	12.32	13.83	11.07	9.16	10.05	11.60	12.04
30	12.09	13.21	13.25	11.53	---	12.32	13.84	11.17	9.31	10.18	11.67	12.04
31	12.20	---	13.00	11.58	---	12.39	---	11.29	---	10.30	11.75	---
MONTH	---	12.74	13.47	12.23	11.73	12.33	13.22	12.88	11.15	8.22	11.18	11.99
YEAR	MAX	13.84	MIN	5.61	MEAN	11.92						

MONTHLY MEAN HYDROGRAPH



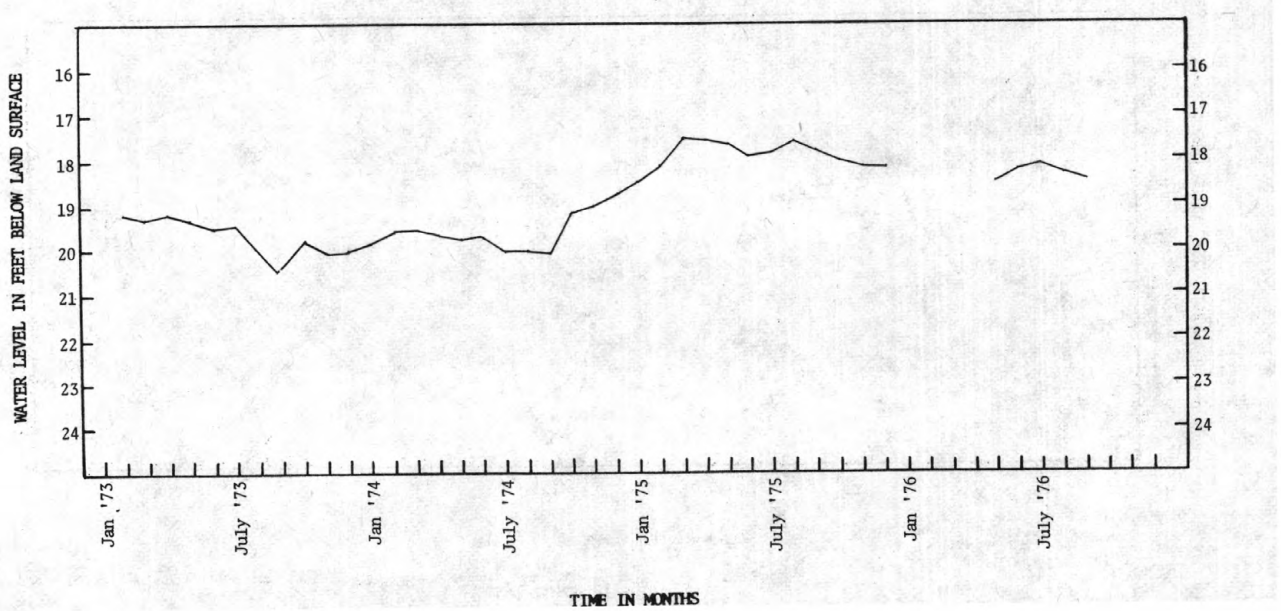
BERKELEY COUNTY

332455079555000. Local number, BRK 59.
LOCATION.--Lat 33°24'55", long 79°55'50", at Turner Lumber Co., St. Stephens.
Owner: Turner Lumber Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused industrial artesian well, diameter 6 in (15.38 cm) to 146 ft (44.5 m), 4 in (10.3 cm) from 146-560 ft (44.5-170.7 m), depth 560 ft (170.7 m), screened or slotted 356-390 ft (108.5-119 m).
DATUM.--Land-surface datum is 75 ft (22.8 m) above mean sea level. Measuring point: Top of casing, 0.07 ft (0.02 m) above land-surface datum.
PERIOD OF RECORD.--1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 17.92 ft (5.46 m) below land-surface datum, Oct. 1, 2, 1976; lowest, 20.40 ft (6.22 m) below land-surface datum, Dec. 7, 1973.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.92	18.17	18.15	17.95			---	18.44	---	18.07	18.25	18.44
2	17.92	18.16	18.16	18.00			---	18.44	---	18.08	18.26	18.45
3	18.00	18.15	18.18	17.96			---	18.48	---	18.10	18.27	18.47
4	18.01	18.15	18.20	17.99			---	18.54	---	18.07	18.29	18.47
5	18.00	18.16	18.22	---			---	18.56	---	18.05	18.30	18.47
6	17.99	18.16	18.21	---			---	18.56	---	18.04	18.31	18.49
7	18.00	18.13	18.19	---			---	18.54	---	17.97	18.31	18.53
8	18.00	18.09	18.15	---			---	18.55	---	17.97	18.25	18.54
9	17.94	18.10	18.11	---			---	18.57	---	17.99	18.15	18.54
10	17.96	18.10	18.12	---			---	18.58	---	18.01	18.21	18.51
11	17.97	18.10	18.18	---			---	18.54	---	17.99	18.25	18.56
12	17.97	18.07	18.21	---			---	18.49	---	18.10	18.27	18.60
13	17.99	17.99	18.24	---			---	18.50	---	17.99	18.26	18.63
14	18.00	18.05	18.24	---			---	18.45	---	18.02	18.27	18.53
15	18.00	18.11	18.19	---			---	18.44	---	18.05	18.29	18.40
16	18.00	18.11	18.14	---			---	18.44	---	18.05	18.30	18.43
17	17.96	18.12	18.11	---			---	18.43	---	18.07	18.31	18.45
18	17.93	18.14	18.10	---			---	18.35	18.35	18.09	18.32	18.47
19	17.98	18.14	18.17	---			---	18.45	18.35	18.12	18.34	18.48
20	18.01	18.11	18.15	---			---	18.47	18.27	18.13	18.32	18.46
21	18.02	18.08	18.11	---			---	18.47	18.20	18.13	18.29	18.44
22	18.02	18.13	18.12	---			---	18.48	18.22	18.14	18.30	18.49
23	18.03	18.15	18.14	---			---	---	18.19	18.17	18.30	18.54
24	18.04	18.12	18.18	---			---	---	18.18	18.17	18.33	18.54
25	18.05	18.13	18.13	---			---	---	18.16	18.18	18.36	18.55
26	18.04	18.16	18.01	---			---	---	18.19	18.20	18.37	18.55
27	18.07	18.13	18.05	---			18.50	---	18.16	18.20	18.38	18.55
28	18.10	18.18	18.10	---			18.53	---	18.07	18.21	18.40	18.56
29	18.10	18.22	18.11	---			18.54	---	18.07	18.23	18.40	18.56
30	18.10	18.19	18.03	---			18.52	---	18.06	18.24	18.41	18.54
31	18.16	---	17.92	---			---	---	---	18.24	18.43	---
MONTH	18.00	18.12	18.13	---			---	---	---	18.09	18.30	18.50

MONTHLY MEAN HYDROGRAPH



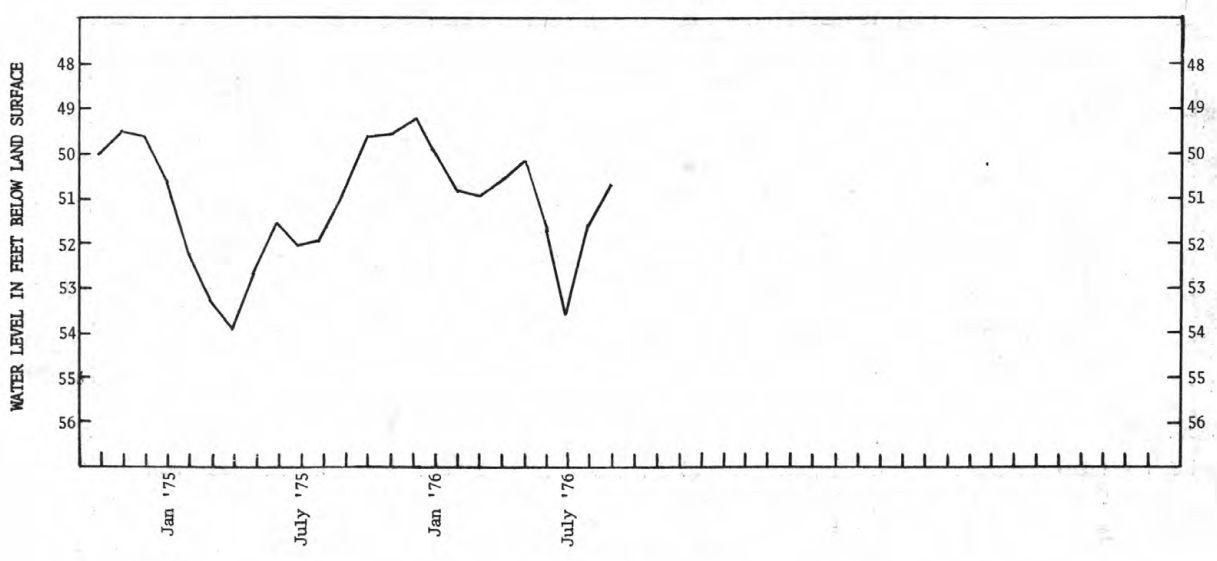
BERKELEY COUNTY

332455079545501. Local number, BRK 62, Cooper River Rediversion No 19.
LOCATION.--Lat 33°24'55", long 79°54'55", Hydrologic Unit 03050112, near St. Stephens.
Owner: U.S. Army Corps of Engineers.
AQUIFER.--Pleistocene sands.
WELL CHARACTERISTICS.--Drilled test and observation well, diameter 6 in (15.38 cm), depth 32 ft (9.75 m), cased to 21 ft (6.4 m), screened between 21-31 ft (6.4 - 9.4 m).
DATUM.--Land surface datum is 71.91 ft (21.92 m) above mean sea level. Measuring point: Top of platform, 74.61 ft (22.74 m) above mean sea level.
PERIOD OF RECORD.--Nov. 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 54.96 ft (16.75 m) above mean sea level, March 30, 1975; lowest, 49.36 ft (15.04 m) above mean sea level, Dec. 10, 1974.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.98	49.59	49.31	49.45	50.48	50.96	50.96	50.23	51.16	53.63	52.19	51.10
2	49.89	49.61	49.29	49.53	50.43	50.94	50.94	50.16	51.16	53.62	52.09	51.07
3	49.70	49.63	49.28	49.57	50.55	50.94	50.90	50.11	51.18	53.62	52.04	51.02
4	49.74	49.67	49.26	49.58	50.59	50.92	50.94	50.04	51.24	53.64	52.03	51.01
5	49.71	49.68	49.25	49.62	50.68	50.93	50.85	50.03	51.34	53.59	51.98	51.00
6	49.78	49.69	49.26	49.68	50.79	50.94	50.85	50.02	51.43	53.62	51.93	50.93
7	49.77	49.69	49.26	49.73	50.77	50.91	50.83	50.02	51.50	53.93	51.88	50.86
8	49.72	49.68	49.25	49.73	50.86	50.92	50.80	49.96	51.51	54.39	51.85	50.84
9	49.75	49.69	49.26	49.80	50.79	50.99	50.76	49.95	51.49	54.65	51.90	50.83
10	49.70	49.74	49.22	49.88	50.84	50.82	50.69	49.93	51.48	54.69	51.86	50.81
11	49.69	49.69	49.22	49.92	50.88	50.80	50.73	49.93	51.50	54.71	51.84	50.71
12	49.68	49.73	49.20	49.97	50.83	50.83	50.65	49.93	51.45	54.64	51.84	50.65
13	49.64	49.77	49.21	49.95	50.88	50.89	50.64	49.90	51.36	54.43	51.83	50.63
14	49.62	---	49.21	50.00	50.84	50.80	50.61	49.96	51.35	54.18	51.77	50.70
15	49.59	---	---	50.05	50.88	50.85	50.58	50.01	51.37	54.01	51.70	50.75
16	49.54	---	49.19	50.01	50.92	50.97	50.55	50.02	51.87	53.87	51.66	50.73
17	49.60	---	49.21	49.95	50.91	50.90	50.53	50.06	51.34	53.68	51.60	50.70
18	49.52	---	49.20	50.00	50.93	50.93	50.51	50.07	51.36	53.50	51.57	50.69
19	49.49	---	49.21	50.07	50.91	51.01	50.50	50.05	51.34	53.36	51.51	50.67
20	49.47	---	49.25	50.10	50.85	51.05	50.47	50.07	51.34	53.29	51.54	50.67
21	49.44	---	49.26	50.07	50.90	51.07	50.44	50.10	51.50	53.22	51.50	50.64
22	49.43	---	49.25	50.08	50.97	51.00	50.40	50.10	51.65	53.07	51.51	50.55
23	49.41	---	49.21	50.07	50.84	51.01	50.36	50.13	51.99	52.95	51.47	50.50
24	49.44	49.38	49.21	50.05	50.89	51.03	50.34	50.26	52.38	52.89	51.40	50.50
25	49.42	49.35	49.25	50.07	50.96	51.09	50.35	50.55	52.62	52.77	51.36	50.47
26	49.47	49.34	49.26	50.14	51.00	51.06	50.25	50.79	52.73	52.65	51.34	50.44
27	49.50	49.36	49.27	50.18	50.99	51.07	50.20	50.94	52.83	52.62	51.31	50.42
28	49.51	49.32	49.29	50.23	50.99	51.02	50.17	51.08	53.29	52.52	51.27	50.38
29	49.50	49.31	49.32	50.29	50.97	51.00	50.16	51.17	53.53	52.44	51.24	50.36
30	49.54	49.31	49.38	50.33	---	51.03	50.16	51.16	53.64	52.36	51.19	50.36
31	49.59	---	49.41	50.36	---	51.01	---	51.15	---	52.29	51.13	---
MEAN	49.61	---	---	49.95	50.83	50.96	50.57	50.25	51.78	53.51	51.66	50.70
MAX	49.98	---	---	50.36	51.00	51.09	50.96	51.17	53.64	54.71	52.19	51.10
MIN	49.41	---	---	49.45	50.43	50.80	50.16	49.90	51.16	52.29	51.13	50.36

MONTHLY MEAN HYDROGRAPH



BERKELEY COUNTY

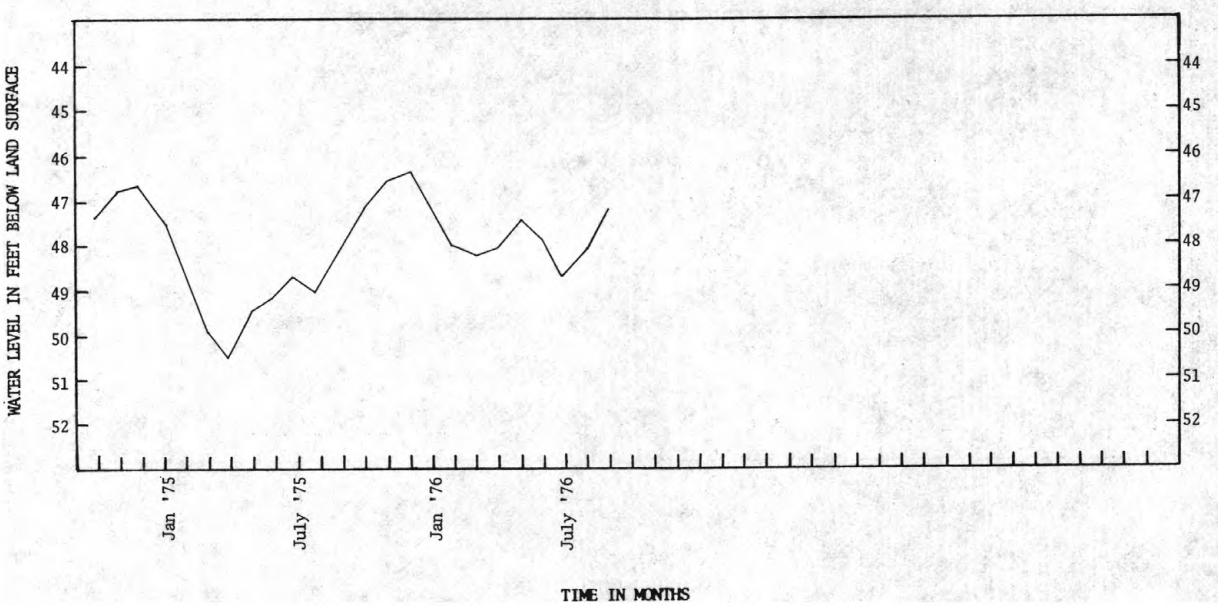
332455079545500. Local number, BRK 63, Cooper River Rediversion No. 20.
LOCATION.--Lat 33°24'55", long 79°54'55", Hydrologic Unit 03050112, at St. Stephens.
Owner: U.S. Army Corp of Engineers.
AQUIFER.--Paleocene-Eocene limestone, Black Mingo Formation.
WELL CHARACTERISTICS.--Drilled test and observation artesian well, diameter 6 in (15.38 cm), depth 158 ft (48.17 m), cased to 133 ft (40.54 m), open hole to 158 ft (48.17 m).
DATUM.--Land-surface datum is 72.11 ft (21.98 m) above mean sea level. Measuring point: Top of platform, 75.04 ft (22.87 m) above mean sea level.
PERIOD OF RECORD.--Nov. 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 50.95 ft (15.53 m) above mean sea level, March 26, 1975; lowest, 46.48 ft (14.17 m) above mean sea level, Nov. 30, 1975.

ELEVATION, IN FEET ABOVE MEAN SEA LEVEL, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47.65	46.80	46.46	46.53	47.68	48.18	48.32	47.79	47.46	48.45	48.50	47.60
2	47.61	46.79	46.44	46.50	47.69	48.17	48.29	47.76	47.50	48.48	48.43	47.56
3	47.51	46.78	46.41	46.57	47.67	48.18	48.27	47.70	47.57	48.50	48.42	47.52
4	47.47	46.77	46.38	46.57	47.66	48.17	48.31	47.61	47.62	48.56	48.39	47.48
5	47.48	46.74	46.35	46.55	47.70	48.18	48.27	47.57	47.61	48.63	48.36	47.47
6	47.48	46.73	46.36	46.60	47.79	48.19	48.27	47.56	47.62	48.68	48.33	47.42
7	47.47	46.75	46.38	46.71	47.79	48.19	48.26	47.55	47.66	48.77	48.30	47.36
8	47.46	46.77	46.40	46.84	47.85	48.21	48.25	47.52	47.69	48.79	48.32	47.32
9	47.48	46.74	46.44	46.77	47.84	48.29	48.19	47.49	47.70	48.80	48.37	47.30
10	47.42	46.73	46.41	46.79	47.85	48.22	48.15	47.46	47.72	48.82	48.28	47.31
11	47.39	46.72	46.34	46.88	47.91	48.18	48.17	47.47	47.75	48.86	48.22	47.23
12	47.39	46.73	46.31	46.93	47.89	48.17	48.13	47.49	47.76	48.91	48.19	47.17
13	47.37	46.79	46.26	46.98	47.92	48.23	48.12	47.45	47.73	48.92	48.17	47.12
14	47.34	46.71	46.25	47.01	47.92	48.19	48.11	47.44	47.73	48.91	48.14	47.20
15	47.31	46.64	46.30	47.02	47.93	48.22	48.09	47.41	47.77	48.89	48.12	47.30
16	47.29	46.63	46.33	47.14	47.99	48.34	48.04	47.38	47.82	48.91	48.09	47.24
17	47.33	46.61	46.36	47.19	48.02	48.29	48.02	47.36	47.81	48.90	48.06	47.20
18	47.31	46.58	46.36	47.11	48.06	48.24	48.01	47.38	47.84	48.88	48.02	47.15
19	47.25	46.58	46.28	47.10	48.11	48.25	48.01	47.30	47.86	48.85	47.97	47.13
20	47.20	46.60	46.30	47.18	48.07	48.26	48.00	47.26	47.94	48.84	47.98	47.13
21	47.19	46.62	46.34	47.27	48.08	48.29	47.98	47.26	47.99	48.83	47.99	47.13
22	47.10	46.55	46.33	47.28	48.16	48.26	47.96	47.26	48.01	48.81	47.96	47.07
23	47.04	46.53	46.31	47.30	48.10	48.24	47.92	47.32	48.05	48.77	47.93	47.00
24	47.04	46.54	46.26	47.33	48.08	48.25	47.89	47.47	48.08	48.77	47.87	46.99
25	47.02	46.53	46.31	47.33	48.10	48.30	47.91	47.42	48.12	48.74	47.83	46.98
26	47.00	46.48	46.42	47.37	48.14	48.31	47.86	47.38	48.12	48.70	47.79	46.97
27	46.96	46.50	46.38	47.49	48.16	48.32	47.78	47.36	48.21	48.68	47.75	46.96
28	46.92	46.44	46.35	47.50	48.16	48.31	47.74	47.39	48.32	48.64	47.73	46.95
29	46.91	46.40	46.35	47.54	48.16	48.30	47.71	47.44	48.36	48.60	47.69	46.93
30	46.89	46.42	46.43	47.57	---	48.32	47.70	47.45	48.42	48.56	47.67	46.94
31	46.82	---	46.56	47.55	---	48.34	---	47.45	---	48.54	47.62	---
MEAN	47.26	46.64	46.36	47.05	47.95	48.24	48.06	47.46	47.86	48.74	48.08	47.20
MAX	47.65	46.80	46.56	47.57	48.16	48.34	48.32	47.79	48.42	48.92	48.50	47.60
MIN	46.82	46.40	46.25	46.50	47.66	48.17	47.70	47.26	47.46	48.45	47.62	46.93

WTR YR 1976 MEAN 47.57 MAX 48.92 MIN 46.25

MONTHLY MEAN HYDROGRAPH

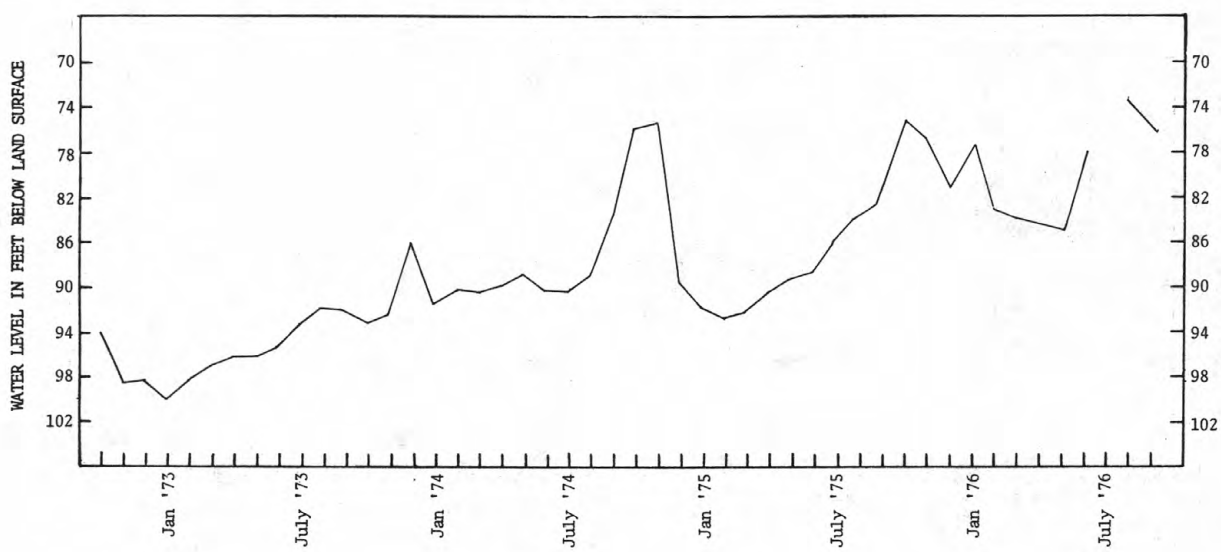


325025079574501. Local number, CHN 136.
LOCATION.--Lat 32°50'25", long 79°57'45", Hydrologic Unit 03050201, at Exxon Plant northwest of Charleston.
Owners: Exxon.
AQUIFER.--Limestone and sand of Eocene age.
WELL CHARACTERISTICS.--Drilled unused industrial and domestic artesian well, diameter 10 in (25.6 cm) to 290 ft (88.4 m), 8 in (20.5 cm) from 290 ft (88.4 m) to 504 ft (153.6 m), depth 504 ft (153.6 m), screened with slotted pipe 339-369 ft (103-112 m), 459-504 ft (140-153.6 m).
DATUM.--Land-surface datum is 15 ft (4.57 m) above mean sea level. Measuring point: Top of casing, 1.45 ft (0.44 m) above land-surface datum.
PERIOD OF RECORD.--1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 65.61 ft (20.0 m) below land-surface datum, June 28, 1976; lowest, 118.35 ft (36.08 m) below land-surface datum, Sept. 6, 1971.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81.13	70.04	80.07	78.17	81.65	84.35	82.25	83.35	82.42		---	73.51
2	81.76	69.51	79.42	76.45	81.60	83.38	82.97	85.85	83.69		---	74.43
3	82.62	68.80	79.12	75.27	82.97	83.88	85.29	83.37	82.61		69.54	77.46
4	82.52	69.81	79.56	74.72	82.40	85.66	86.32	85.78	82.22		69.61	77.45
5	81.93	68.80	80.73	74.41	82.17	84.29	87.71	84.41	85.95		73.88	80.43
6	81.82	69.95	80.50	74.56	82.06	86.24	84.04	83.47	85.30		71.65	78.35
7	82.79	72.13	81.14	73.15	82.68	83.82	84.42	82.91	84.75		74.05	75.35
8	83.62	74.53	80.11	72.89	83.56	82.59	85.52	82.64	81.92		73.57	74.63
9	83.02	76.53	79.82	72.97	82.54	82.50	82.93	82.40	80.20		74.43	74.31
10	80.68	76.38	79.78	71.83	82.89	82.45	82.64	82.25	75.79		71.81	74.09
11	79.35	76.65	79.86	71.91	83.71	84.69	85.55	86.36	72.14		69.51	74.84
12	77.04	78.33	79.88	73.26	83.07	86.06	83.15	84.95	71.31		70.04	78.82
13	75.62	77.74	81.18	76.08	82.93	83.96	85.42	83.10	71.31		72.31	77.65
14	75.67	77.98	80.36	78.11	83.87	82.90	84.54	86.64	---		75.99	74.93
15	74.90	79.20	80.09	79.41	83.12	82.48	83.16	87.96	---		76.13	74.35
16	73.58	78.93	80.96	79.22	82.67	82.46	82.79	84.23	---		73.32	74.33
17	72.47	78.86	83.30	79.49	82.92	82.38	85.38	83.26	---		71.43	78.88
18	71.81	79.51	83.23	81.33	82.98	82.79	83.53	84.49	75.85		69.49	76.29
19	71.42	78.84	83.33	81.17	83.97	85.19	82.82	87.37	80.29		70.32	79.97
20	70.25	78.57	85.02	81.90	83.49	82.91	82.52	84.03	81.51		75.28	75.63
21	68.99	78.75	83.57	81.15	84.35	83.82	85.18	87.41	77.79		75.91	74.81
22	69.08	80.78	83.15	81.48	83.36	85.72	86.06	85.12	77.08		75.40	74.47
23	69.13	80.50	83.25	82.38	83.64	84.07	84.94	87.12	76.80		77.56	74.39
24	69.66	79.08	83.82	82.83	85.28	85.41	86.08	83.61	77.22		74.29	78.27
25	70.88	78.73	84.70	---	83.68	84.19	83.73	82.92	79.42		73.73	79.07
26	70.98	80.17	83.98	---	83.07	85.86	83.00	82.61	72.12		73.50	75.72
27	70.23	79.60	83.48	---	82.84	83.71	82.72	86.44	68.27		72.76	74.87
28	69.64	79.58	83.36	---	84.06	85.49	82.60	85.99	65.61		76.52	74.56
29	69.30	80.87	81.96	82.12	86.56	83.16	85.63	84.79	---		77.98	74.28
30	69.06	80.19	79.31	81.77	---	82.63	85.89	83.09	---		74.68	75.46
31	68.91	---	78.43	82.08	---	82.37	---	82.66	---		73.82	---
MONTH	75.15	76.64	81.49	77.78	83.24	83.91	84.29	84.53	77.98		73.39	76.02
YEAR	MAX	87.96	MIN	65.61	MEAN	79.57						

MONTHLY MEAN HYDROGRAPH



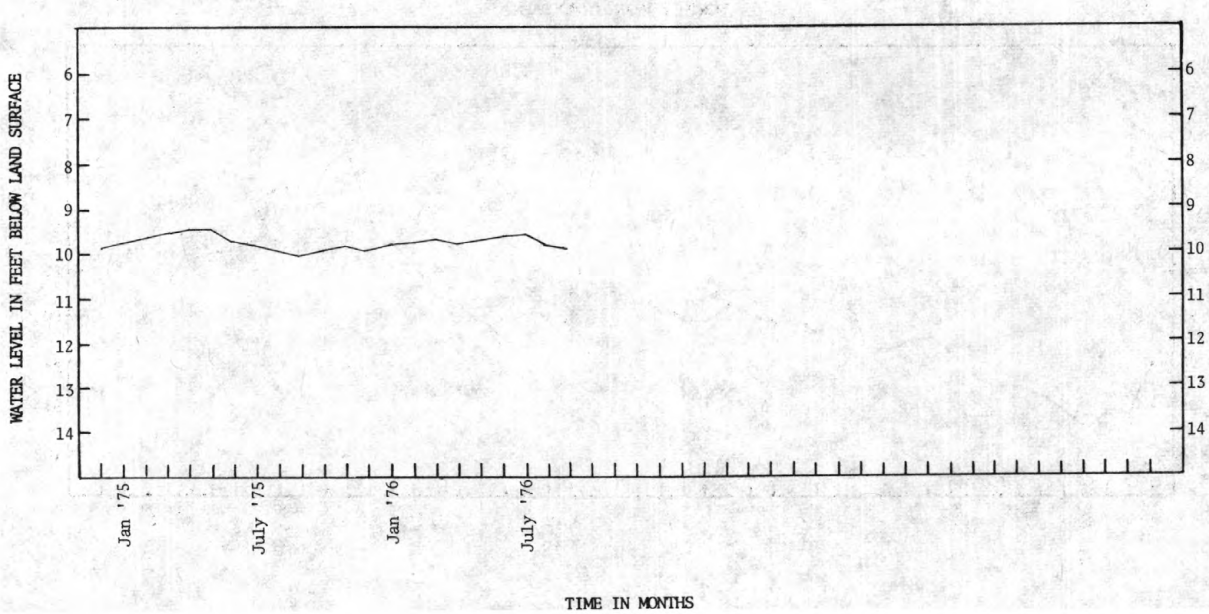
COLLETON COUNTY

330002080272000. Local number, COL 52.
LOCATION.--Lat 33°00'02", long 80°27'20", Hydrologic Unit 03050208, northeast of Cottageville.
Owner: George Ackerman.
AQUIFER.--Middle Eocene limestone.
WELL CHARACTERISTICS.--Drilled unused domestic artesian well, diameter 4 in (10.3 cm), depth 337 ft (102.7 m), cased to 61 ft (18.6 m), open hole to 337 ft (102.7 m).
DATUM.--Land-surface datum is 50 ft (15.2 m) above mean sea level. Measuring point: Top of casing, 1.4 ft (0.43 m) above land-surface datum.
REMARKS.--
PERIOD OF RECORD.--Dec. 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.32 ft (2.84 m) below land-surface datum, Mar. 30, 1975; lowest 10.25 ft (3.12 m) below land-surface datum, Dec. 24, 1975.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.84	9.92	9.88	9.69	9.43	9.78	9.62	9.69	9.53	9.48	9.68	9.95
2	9.88	9.88	9.91	9.79	9.55	9.77	9.66	9.69	9.51	9.50	9.72	9.92
3	10.06	9.87	9.97	9.73	9.62	9.77	9.68	9.76	9.52	9.49	9.71	9.86
4	9.98	9.86	9.99	9.75	9.71	9.78	9.58	9.85	9.56	9.40	9.73	9.84
5	10.04	9.88	10.04	9.86	9.70	10.02	9.64	9.88	9.60	9.41	9.71	9.81
6	10.05	9.92	10.03	9.90	9.55	9.77	9.73	9.85	9.59	9.42	9.66	9.85
7	10.00	9.90	9.92	9.75	9.60	9.74	9.63	9.80	9.55	9.40	9.64	9.94
8	9.98	9.86	9.86	9.65	9.58	9.70	9.61	9.85	9.55	9.43	9.62	9.94
9	9.99	9.82	9.76	9.86	9.65	9.54	9.68	9.82	9.57	9.44	9.66	9.92
10	10.07	9.83	9.82	9.91	9.69	9.68	9.76	9.87	9.60	9.45	9.72	9.85
11	10.01	9.87	9.93	9.79	9.61	9.75	9.72	9.79	9.56	9.40	9.79	9.93
12	9.97	9.77	9.98	9.78	9.69	9.75	9.78	9.76	9.62	9.37	9.78	9.98
13	10.02	9.71	10.04	9.74	9.69	9.66	9.78	9.78	9.67	9.35	9.74	10.02
14	10.03	9.81	10.02	9.73	9.74	9.72	9.78	9.79	9.72	9.42	9.75	9.83
15	9.99	9.88	9.96	9.79	9.75	9.68	9.80	9.73	9.62	9.46	9.77	9.69
16	9.97	9.85	9.88	9.63	9.69	9.51	9.82	9.76	9.57	9.45	9.79	9.71
17	9.85	9.88	9.81	9.59	9.65	9.64	9.85	9.76	9.56	9.48	9.76	9.80
18	9.85	9.91	9.84	9.84	9.60	9.74	9.86	9.67	9.55	9.48	9.80	9.80
19	9.86	9.91	10.10	10.00	9.62	9.72	9.82	9.77	9.53	9.56	9.81	9.76
20	9.85	9.89	10.00	9.92	9.79	9.65	9.77	9.80	9.44	9.57	9.76	9.73
21	9.85	9.85	9.81	9.75	9.83	9.60	9.77	9.75	9.47	9.58	9.76	9.68
22	9.79	9.94	9.92	9.71	9.67	9.71	9.75	9.72	9.48	9.58	9.74	9.76
23	9.84	9.92	10.24	9.71	9.84	9.76	9.80	9.55	9.48	9.62	9.77	9.84
24	9.84	9.86	10.25	9.72	9.95	9.73	9.80	9.37	9.46	9.60	9.80	9.83
25	9.79	9.89	9.90	9.73	9.91	9.64	9.71	9.39	9.45	9.59	9.83	9.80
26	9.76	9.93	9.73	9.72	9.88	9.66	9.76	9.47	9.51	9.64	9.84	9.78
27	9.82	9.88	9.81	9.65	9.85	9.63	9.86	9.52	9.54	9.65	9.85	9.78
28	9.86	9.95	9.84	9.68	9.88	9.62	9.91	9.48	9.52	9.66	9.87	9.77
29	9.86	9.99	9.93	9.61	9.81	9.66	9.91	9.43	9.52	9.68	9.86	9.75
30	9.86	9.92	9.80	9.58	---	9.59	9.86	9.46	9.49	9.69	9.88	9.68
31	9.92	---	9.64	9.62	---	9.57	---	9.54	---	9.66	9.95	---
MONTH	9.91	9.87	9.92	9.74	9.70	9.69	9.75	9.68	9.54	9.51	9.76	9.82
YEAR	MAX	10.25	MIN	9.35	MEAN	9.74						

MONTHLY MEAN HYDROGRAPH



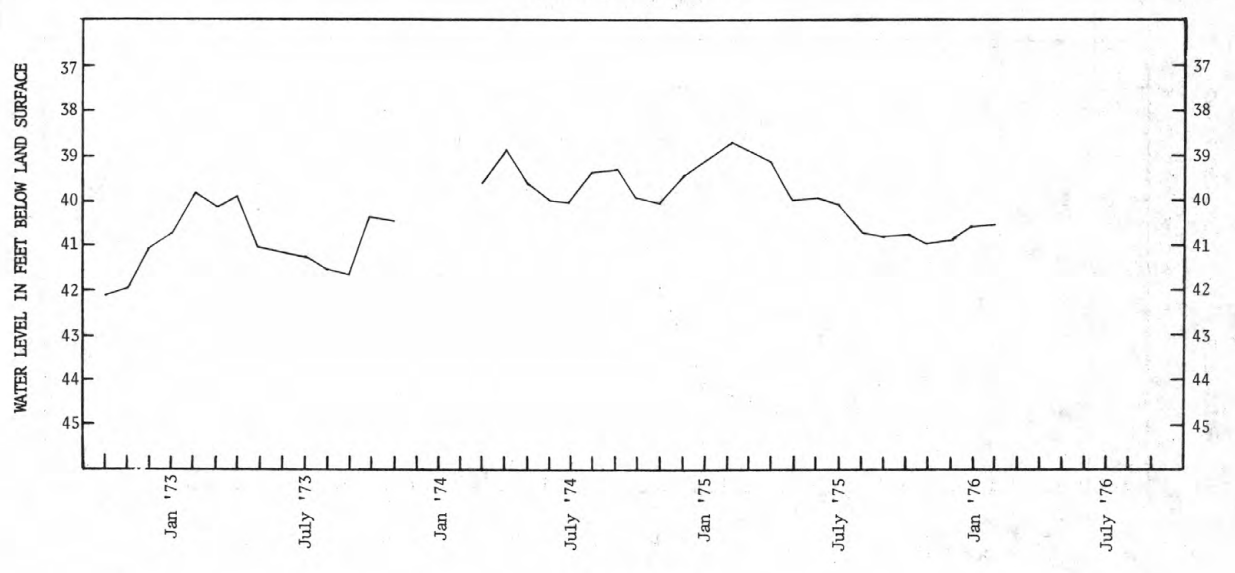
FLORENCE COUNTY

341150079345000. Local number, FLO 128.
LOCATION.--Lat 34°11'50", long 79°34'50", Hydrologic Unit 03040201, east of Mars Bluff.
Owner: E.I. DuPont, Nemours Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused observation artesian well, diameter 4 in (10.3 cm), depth drilled 802 ft (244.5 m), depth measured by geophysical logger 460 ft (140.2 m), reportedly cased to 802 ft (244.5 m), screened intervals 264-292 ft (80.5 - 89 m), 327 - 333 ft (99.7 - 101.5 m), 375 - 381 ft (114 - 116 m), 678 - 690 ft (206.7 - 210.3 m).
DATUM.--Land-surface datum is 96.90 ft (29.54 m) above mean sea level. Measuring point: Top of casing, 1.43 ft (0.44 m) above land-surface datum.
PERIOD OF RECORD.--1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 37.31 ft (11.37 m) below land-surface datum, Apr. 8, 1973; lowest, 45.96 ft (14.01 m) below land-surface datum, May 11, 1972.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40.11	41.15	---	40.62	40.41							---
2	40.20	41.15	---	40.64	40.32							---
3	40.29	41.15	---	40.51	40.38							---
4	40.38	41.16	---	40.45	40.38							---
5	40.48	41.17	---	40.45	40.37							---
6	40.59	41.18	---	40.42	40.29							---
7	40.68	41.18	---	40.35	40.26							---
8	40.72	41.18	---	40.28	40.26							---
9	40.72	41.18	---	40.40	40.31							---
10	40.76	41.19	---	40.45	40.37							---
11	40.76	40.73	---	40.43	40.41							---
12	40.78	40.64	---	40.41	40.55							---
13	40.84	40.59	---	40.42	40.61							---
14	40.89	40.69	---	40.44	40.67							---
15	40.92	40.72	---	40.51	40.74							---
16	40.94	40.69	40.87	40.48	40.74							41.67
17	40.91	40.72	40.80	40.49	40.77							41.48
18	40.88	40.78	40.81	40.64	40.77							41.55
19	40.92	40.82	40.89	40.74	40.78							41.60
20	40.94	40.89	42.11	40.76	40.83							41.64
21	40.97	40.97	40.82	40.75	40.85							41.65
22	40.97	41.00	40.86	40.75	40.85							41.69
23	40.97	41.04	40.92	40.77	40.93							41.76
24	40.97	41.12	40.96	40.77	41.00							41.63
25	40.97	41.11	40.92	40.79	---							41.41
26	40.97	41.10	40.79	40.80	---							41.42
27	40.98	---	40.84	40.78	---							41.48
28	40.99	---	40.85	40.78	---							41.51
29	41.00	---	40.80	40.74	---							41.46
30	41.05	---	40.70	40.63	---							41.44
31	41.14	---	40.60	40.55	---							---
MONTH	40.79	40.97	---	40.58	40.57							---

MONTHLY MEAN HYDROGRAPH



GEORGETOWN COUNTY

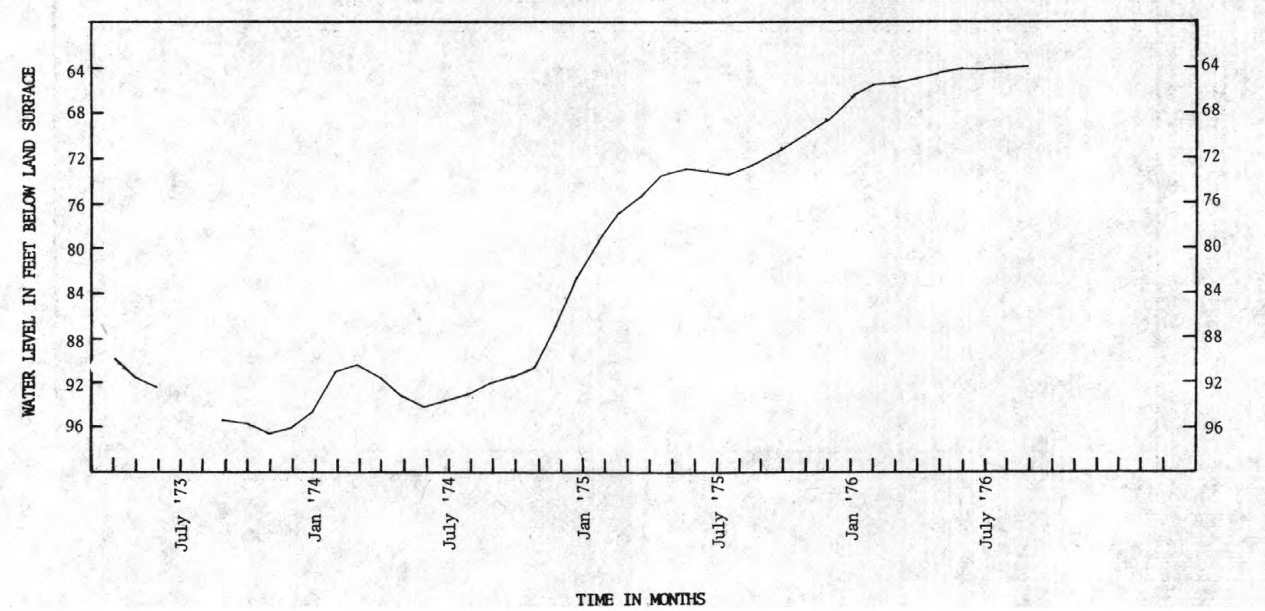
332729079173500. Local number, GEO 77.
LOCATION.--Lat 33°27'29", long 79°17'35", Hydrologic Unit 03040207, north of Georgetown.
Owner: Georgetown Rural Water District.
AQUIFER.--Sands of the Pee Dee and Black Creek Formations.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 10 in (25.6 cm) to 445 ft (135.6 m), 8 in (20.5 cm) from 445 ft (136 m) to 748 ft (228.0 m), depth 748 ft (228.0 m), cased to 748 ft (228.0 m), screened 490-520 ft (149.4-158.5 m), 580-660 ft (176.8 - 201.2 m), 720-740 ft (219.5-225.6 m), gravel packed.
DATUM.--Land-surface datum is 22 ft (6.7 m) above mean sea level. Measuring point: Top of casing, 2.10 ft (0.64 m) above land-surface datum.
PERIOD OF RECORD.--1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 63.96 ft (19.5 m) below land-surface datum, Aug. 22, 23, 1976; lowest, 96.82 ft (29.52 m) below land-surface datum, Nov. 21-23, 1973.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.65	71.22	69.24	67.33	66.37	66.22	65.46	64.78	---	64.23	---	64.02
2	71.61	71.14	69.21	67.37	66.44	66.19	65.47	64.76	---	64.19	---	63.99
3	71.57	71.08	69.19	67.28	66.51	66.17	65.48	64.67	---	64.17	---	63.97
4	71.54	70.99	69.22	67.29	66.56	66.16	65.39	64.73	---	64.11	---	63.98
5	71.53	70.93	69.22	67.35	66.56	66.16	65.43	64.74	---	64.09	---	63.97
6	71.49	70.85	69.17	67.31	66.46	66.11	65.39	64.70	64.32	64.08	---	64.01
7	71.46	70.74	69.09	67.19	66.49	66.09	65.37	64.67	64.35	64.05	---	64.07
8	71.46	70.61	69.01	67.08	66.45	66.05	65.35	64.60	64.42	64.08	---	64.12
9	71.44	70.54	68.90	67.18	66.50	65.90	65.37	64.39	64.47	64.10	64.04	64.14
10	71.41	70.44	68.86	67.20	66.52	65.94	65.41	64.43	64.47	64.12	64.07	64.09
11	71.38	70.36	68.89	67.10	66.46	65.98	65.36	---	64.48	64.09	64.06	64.14
12	71.28	70.21	68.86	67.05	66.52	65.97	65.39	---	64.53	64.04	64.09	64.16
13	71.23	70.07	68.84	67.02	66.50	65.86	65.38	65.14	64.55	64.06	64.07	64.22
14	71.27	69.90	68.77	66.97	66.51	65.89	65.35	65.20	64.54	---	64.06	64.16
15	71.29	69.85	68.63	66.99	66.54	65.85	65.34	65.21	64.55	---	64.08	64.08
16	71.32	69.76	68.51	66.85	66.47	65.69	65.34	65.18	64.57	---	64.09	64.13
17	71.32	69.63	68.39	66.77	66.44	65.74	65.34	65.17	64.56	---	64.10	64.16
18	---	69.50	68.31	66.90	66.39	65.79	65.30	65.06	64.54	---	64.12	64.16
19	---	69.50	68.34	66.94	66.35	65.76	65.26	65.03	64.46	---	64.14	64.16
20	---	69.44	68.22	66.85	66.41	65.73	65.22	65.06	64.38	---	64.04	64.17
21	---	69.35	68.08	66.73	66.40	65.66	65.20	65.13	64.32	---	63.97	64.17
22	71.32	69.33	68.01	66.69	66.29	65.70	65.18	65.14	64.31	---	63.96	64.26
23	71.34	---	67.97	66.68	66.37	65.73	65.19	65.12	64.31	---	63.96	64.37
24	71.34	---	67.96	66.64	66.42	65.69	65.18	65.03	64.34	---	63.99	64.38
25	71.32	69.35	67.83	66.66	66.36	65.63	65.12	64.71	64.32	---	64.01	---
26	71.26	69.38	67.61	66.62	66.31	65.61	65.09	64.48	64.33	64.06	---	---
27	71.29	69.31	67.61	66.48	66.26	65.57	64.83	64.50	64.32	64.04	---	64.28
28	71.30	69.35	67.62	66.49	66.25	65.57	64.86	64.44	64.27	64.04	---	64.28
29	71.27	69.39	67.60	66.46	66.23	65.57	64.85	64.35	64.23	64.05	---	64.29
30	71.24	69.33	67.47	66.44	---	65.52	64.81	64.34	64.23	---	63.97	64.24
31	71.27	---	67.32	66.47	---	65.48	---	64.34	---	---	64.00	---
MONTH	71.37	70.05	68.45	66.91	66.42	65.83	65.25	64.79	64.40	---	---	64.14

YEAR MAX 71.65 MIN 63.96 MEAN 66.46

MONTHLY MEAN HYDROGRAPH



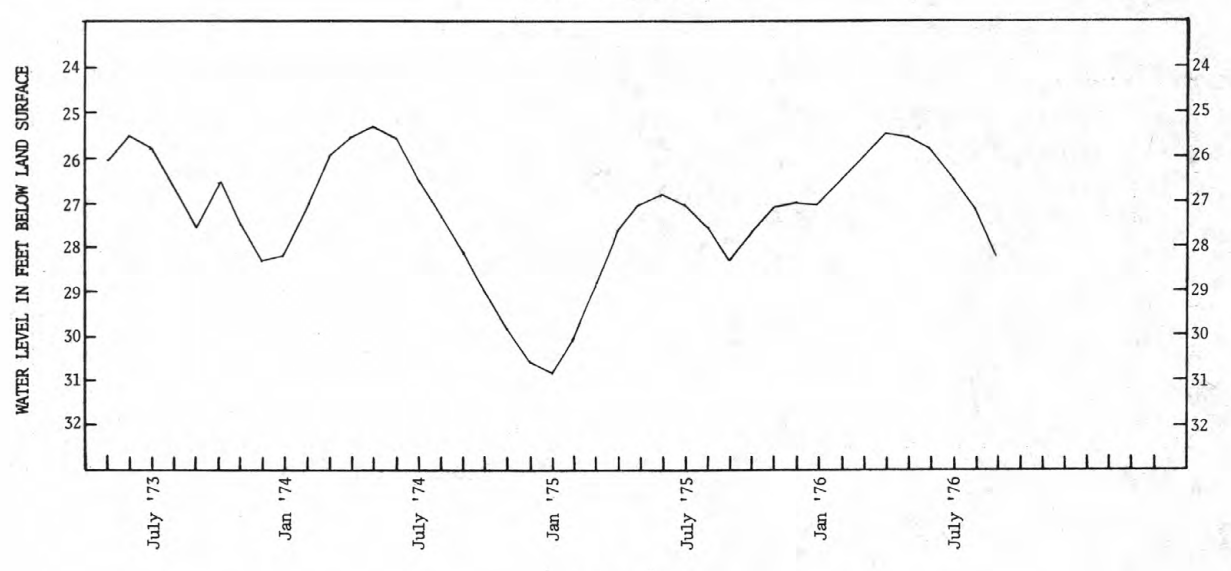
GREENVILLE COUNTY

345335082185800. Local number, GRV 709.
LOCATION.--Lat 34°53'35", long 82°18'58", Hydrologic Unit 03050109, at Brushy Creek Elementary School northeast of Greenville.
Owner: School District of Greenville County.
AQUIFER.--Metamorphic rocks of Paleozoic to Precambrian age.
WELL CHARACTERISTICS.--Drilled unused public supply water table well, diameter 6 in (15.38 cm), depth 80 ft (24.4 m), cased to 6 ft (1.8 m), open hole below casing.
DATUM.--Land-surface datum is 926 ft (282.3 m) above mean sea level. Measuring point: Top of casing, 1.79 ft (0.55 m) above land-surface datum.
PERIOD OF RECORD.--1973 to current year.
EXTREMES FOR PERIOD OF REOCRD.--Highest water level measured 23.81 ft (7.26 m) below land-surface datum, June 28, 1973; lowest, 28.71 ft (8.75 m) below land-surface datum, Sept. 30, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.12	27.36	27.02	27.18	26.78	26.15	25.75	25.42	25.70	26.04	26.80	27.77
2	28.10	27.34	27.02	27.20	26.87	26.12	25.73	25.45	25.69	26.09	26.85	27.81
3	28.10	27.32	27.02	27.15	26.84	26.11	25.72	25.49	25.72	26.09	26.90	27.85
4	28.05	27.30	27.04	27.21	26.82	26.09	25.67	25.55	25.75	26.10	26.92	27.87
5	28.01	27.29	27.03	27.24	26.76	26.07	25.70	25.53	25.75	26.14	26.93	27.90
6	27.97	27.27	27.01	27.21	26.70	26.05	25.65	25.53	25.73	26.17	26.95	27.95
7	27.95	27.24	26.99	27.11	26.70	26.03	25.63	25.51	25.70	26.19	26.97	27.99
8	27.91	27.24	26.98	27.13	26.64	26.01	25.62	25.55	25.69	26.21	27.00	28.02
9	27.90	27.24	26.96	27.21	26.67	25.96	25.64	25.56	25.70	26.24	27.04	28.03
10	27.88	27.23	27.00	27.18	26.60	26.03	25.63	25.57	25.70	26.26	27.09	28.06
11	27.85	27.23	27.03	27.12	26.59	26.04	25.58	25.54	25.69	26.27	27.13	28.11
12	27.83	27.18	27.04	27.12	26.59	26.01	25.61	25.56	25.72	26.27	27.14	28.16
13	27.82	27.18	27.07	27.08	26.54	25.96	25.57	25.60	25.76	26.30	27.16	28.20
14	27.79	27.22	27.06	27.11	26.54	26.01	25.55	25.60	25.77	26.35	27.19	28.21
15	27.75	27.22	27.00	27.09	26.50	25.97	25.54	25.59	25.76	26.38	27.23	28.22
16	27.72	27.19	27.00	27.01	26.45	25.91	25.54	25.62	25.75	26.39	27.26	28.27
17	27.66	27.20	27.00	27.02	26.42	26.00	25.53	25.60	25.80	26.42	27.29	28.32
18	27.67	27.18	27.05	27.11	26.37	25.99	25.51	25.62	25.81	26.46	27.32	28.35
19	27.66	27.14	27.08	27.10	26.38	25.95	25.48	25.68	25.80	26.50	27.36	28.38
20	27.65	27.11	27.04	27.03	26.39	25.91	25.46	25.68	25.80	26.51	27.39	28.40
21	27.62	27.09	27.04	26.98	26.33	25.89	25.46	25.65	25.84	26.52	27.41	28.42
22	27.58	27.13	27.04	26.99	26.30	25.93	25.47	25.64	25.88	26.55	27.44	28.49
23	27.56	27.12	27.04	26.97	26.36	25.92	25.47	25.61	25.91	26.58	27.47	28.53
24	27.54	27.07	27.12	26.96	26.32	25.86	25.44	25.62	25.90	26.59	27.52	28.55
25	27.49	27.07	27.07	26.98	26.27	25.83	25.40	25.66	25.91	26.62	27.55	28.58
26	27.46	27.08	27.05	26.96	26.23	25.82	25.47	25.71	25.95	26.66	27.58	28.60
27	27.45	27.04	27.12	26.94	26.21	25.80	25.50	25.72	25.98	26.67	27.61	28.63
28	27.44	27.08	27.17	26.94	26.18	25.81	25.50	25.68	25.98	26.69	27.64	28.67
29	27.40	27.09	27.14	26.89	26.16	25.79	25.49	25.65	25.98	26.72	27.67	28.69
30	27.40	27.04	27.12	26.87	---	25.76	25.47	25.68	25.99	26.74	27.72	28.71
31	27.39	---	27.07	26.88	---	25.72	---	25.70	---	26.77	27.75	---
MONTH	27.73	27.18	27.04	27.06	26.50	25.95	25.55	25.59	25.80	26.40	27.26	28.25
YEAR	MAX	28.71	MIN	25.40	MEAN	26.69						

MONTHLY MEAN HYDROGRAPH



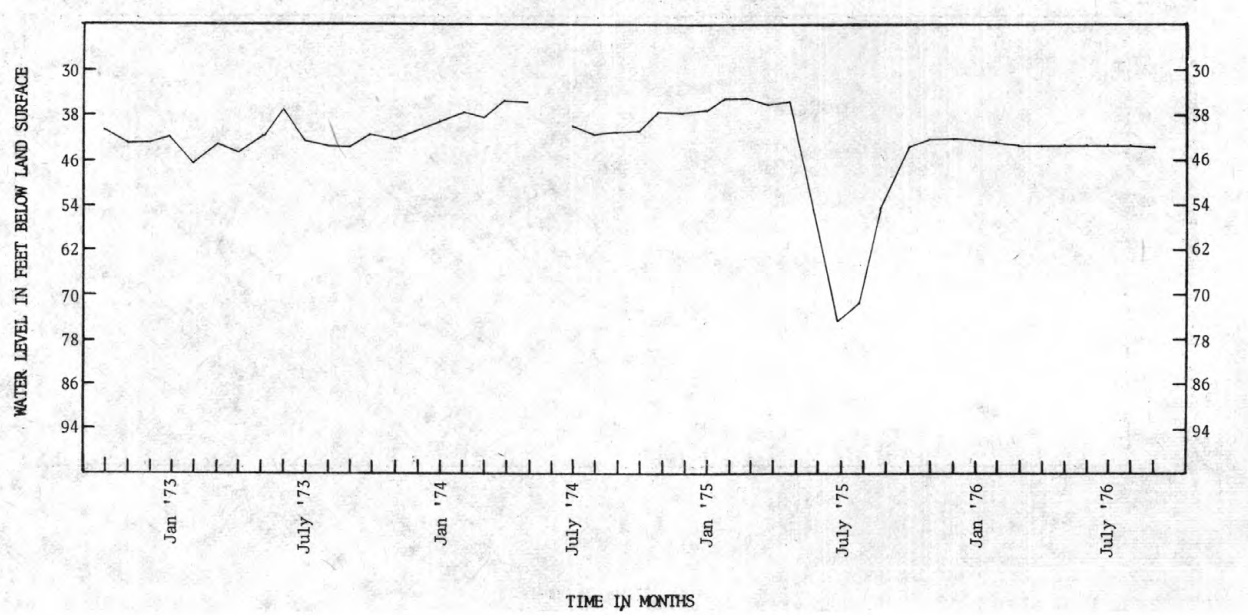
HORRY COUNTY

334037078542600. Local number HO 35.
LOCATION.--Lat 33°40'37", long 78°54'26", Hydrologic Unit 03040207, at City of Myrtle Beach.
Owner: City of Myrtle Beach.
AQUIFER.--Pee Dee and Black Creek Formation.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 8 in (20.5 cm), depth 459 ft (13.9 m), cased to 454 ft (138.4 m), gravel packed.
DATUM.--Land-surface datum is 25.2 ft (7.68 m) above mean sea level. Measuring point: Top of casing, 1.20 ft (0.37 m) above land-surface datum.
REMARKS.--Water levels affected by distant pumping.
PERIOD OF RECORD.--1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.20 ft (8.59 m) below land-surface-datum, Mar. 22, 1971; lowest, 78.82 ft (24.03 m) below land-surface datum, Aug. 21, 1975.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.97	42.75	42.13	40.82	42.31	41.28	43.55	43.91	47.72	43.17	43.26	43.51
2	43.61	42.84	42.15	42.58	42.43	41.10	43.76	43.00	45.34	43.97	42.31	43.52
3	43.58	43.03	42.24	42.35	42.41	41.89	43.67	42.11	43.71	44.06	43.29	42.84
4	43.48	43.08	42.35	42.28	42.54	42.40	43.66	43.39	43.89	43.60	43.45	43.47
5	43.46	43.02	42.28	42.42	42.61	42.83	43.67	43.82	44.04	43.91	43.59	43.49
6	43.38	42.71	42.41	42.46	41.89	43.02	43.83	43.49	44.12	44.13	42.67	43.40
7	43.35	42.66	41.57	42.52	41.83	43.06	43.78	43.17	44.10	44.03	43.28	43.57
8	43.28	43.14	41.98	42.54	42.13	42.91	43.33	43.66	44.15	44.08	43.28	43.51
9	43.24	42.23	42.30	42.84	42.49	42.90	43.88	43.25	44.07	44.16	42.45	43.64
10	43.23	42.36	42.56	42.43	42.73	43.10	43.69	43.93	44.21	43.98	43.61	43.42
11	43.26	42.60	42.65	42.49	42.95	43.23	43.71	43.93	44.08	44.53	43.39	43.76
12	43.36	42.21	42.70	42.75	43.14	43.27	43.85	43.79	44.03	43.49	42.85	43.73
13	43.43	42.25	42.72	42.87	43.16	43.31	43.15	44.15	44.28	44.29	43.20	43.51
14	43.48	41.91	42.81	42.60	43.17	42.52	42.79	43.60	43.46	44.18	43.69	42.53
15	43.53	41.98	42.85	42.79	42.30	43.13	43.66	43.82	43.71	44.33	42.78	42.83
16	43.57	42.15	42.75	42.74	41.80	43.19	43.50	44.19	42.88	44.40	43.03	43.48
17	43.59	42.28	42.79	42.83	42.25	43.25	43.82	44.08	39.22	44.35	43.36	43.60
18	43.63	42.36	42.62	42.89	42.53	43.39	42.97	43.01	40.16	43.86	43.03	43.65
19	44.02	42.33	42.48	42.99	42.62	43.48	43.84	43.26	41.13	44.31	43.20	43.76
20	43.42	41.89	42.38	42.52	42.97	43.40	44.30	43.72	42.13	44.11	43.51	43.32
21	43.52	42.57	42.30	42.66	43.02	43.26	43.29	43.25	45.18	43.53	43.50	43.62
22	43.64	42.91	41.69	42.84	43.10	43.59	43.39	43.93	43.00	43.64	43.45	43.65
23	42.25	42.40	41.09	42.97	42.96	43.66	43.77	43.99	43.49	43.16	43.14	43.74
24	41.54	41.05	41.24	41.72	42.79	43.04	43.79	43.70	42.63	43.68	43.50	43.27
25	42.16	41.34	41.52	41.93	42.96	42.01	43.87	42.63	39.74	43.75	41.96	42.67
26	42.26	41.79	41.81	41.31	43.14	42.70	43.35	40.39	41.10	42.66	40.39	42.54
27	42.49	41.97	42.99	39.37	43.33	42.65	43.93	41.88	42.65	40.22	41.91	41.92
28	42.60	42.26	42.63	39.79	43.28	42.88	43.32	42.65	43.61	42.08	42.50	42.35
29	42.52	42.23	42.49	40.62	43.43	43.31	43.60	43.60	43.81	43.49	43.03	42.43
30	42.08	42.09	42.43	41.65	---	43.55	43.73	43.03	43.66	42.61	43.21	42.33
31	42.56	---	40.77	42.18	---	43.61	---	43.65	---	42.73	43.50	---
MONTH	43.14	42.34	42.24	42.18	42.69	42.93	43.61	43.35	43.31	43.62	43.01	43.23
YEAR	MAX	47.72	MIN	39.22	MEAN	42.97						

MONTHLY MEAN HYDROGRAPH

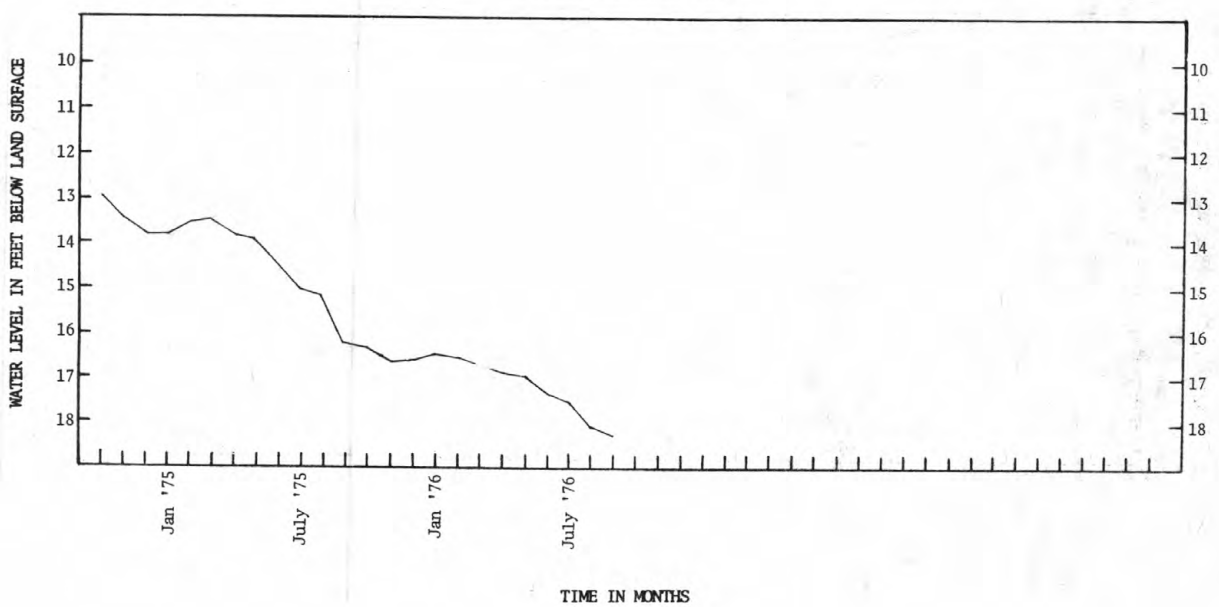


335115079033500. Local number, HO 307.
LOCATION.--Lat 33°51'15", long 79°03'36", Hydrologic Unit 03040206, at Collins Park in Conway.
Owner: City of Conway.
AQUIFER.--Sands of Pee Dee and Black Creek Formation.
WELL CHARACTERISTICS.--Drilled unused municipal artesian well, diameter 8 in (20.5 cm), depth 438 ft (133.5 m) exact screen and casing implacement unknown.
DATUM.--Land-surface datum is 20 ft (6.1 m) above mean sea level. Measuring point: Top of casing, 1.0 ft (0.30 m) above land-surface datum.
PERIOD OF RECORD.--July 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measuered, 11.91 ft (3.63 m) below land-surface datum, Oct. 12, 1974; lowest, 18.38 ft (5.60 m) below land-surface datum, Sept. 13, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.25	---	16.51	16.38	16.35	16.62	16.81	16.85	17.37	17.39	17.91	18.19
2	16.28	---	16.52	16.44	16.40	16.63	16.83	16.85	17.38	17.42	17.93	18.20
3	16.35	---	16.54	16.40	16.43	16.64	16.84	16.85	17.33	17.45	17.93	18.22
4	16.34	---	16.57	16.42	16.46	16.68	16.83	16.85	17.23	17.44	17.96	18.23
5	16.33	---	16.59	16.49	16.47	16.69	16.84	16.85	17.25	17.41	17.98	18.23
6	16.32	---	16.57	16.49	16.41	16.68	16.84	16.85	17.26	17.38	17.99	18.24
7	16.33	---	16.54	16.44	16.44	16.69	16.84	16.85	17.25	17.31	18.00	18.28
8	16.31	---	16.51	16.37	16.41	16.68	16.84	16.85	17.26	17.29	17.98	18.29
9	16.13	---	16.47	16.47	16.45	16.61	16.85	16.85	17.30	17.29	17.92	18.30
10	16.21	---	16.49	16.50	16.46	16.66	16.85	16.85	17.33	17.30	17.97	18.29
11	16.23	---	16.54	16.47	16.43	16.69	16.85	16.85	17.35	17.30	18.00	18.33
12	16.24	---	16.57	16.46	16.48	16.70	16.85	16.85	17.38	17.29	18.01	18.37
13	16.26	---	16.59	16.46	16.48	16.64	16.85	16.85	17.44	17.31	18.01	18.38
14	16.27	---	16.59	16.46	16.50	16.68	16.85	16.85	17.46	17.36	18.03	18.34
15	16.28	---	16.54	16.50	16.52	16.67	16.85	16.85	17.45	17.41	18.05	18.19
16	16.28	---	16.51	16.43	16.47	16.58	16.85	16.85	17.49	17.44	18.06	18.22
17	16.27	16.58	16.49	16.41	16.46	16.63	16.85	16.85	17.53	17.48	18.09	18.25
18	16.30	16.58	16.49	16.51	16.45	16.68	16.85	16.85	17.53	17.53	18.11	18.26
19	---	16.57	16.56	16.55	16.46	16.68	16.85	16.85	17.55	17.58	18.15	18.26
20	---	16.54	16.53	16.51	16.52	16.67	16.85	16.85	17.51	17.60	18.12	18.25
21	---	16.50	16.49	16.46	16.53	16.66	16.85	16.85	17.47	17.62	18.06	18.22
22	16.56	16.55	16.48	16.47	16.48	16.70	16.85	16.85	17.48	17.65	18.05	18.27
23	16.55	16.54	16.50	16.50	16.56	16.73	16.85	16.85	17.49	17.69	18.03	18.33
24	16.46	16.49	16.55	16.50	16.61	16.76	16.84	16.85	17.44	17.69	18.06	18.29
25	16.49	16.50	16.51	16.54	16.62	16.79	16.85	17.00	17.38	17.71	18.07	18.26
26	16.56	16.54	16.38	16.52	16.61	16.80	16.84	17.28	17.41	17.76	18.09	18.26
27	16.56	16.51	16.43	16.44	16.60	16.80	16.85	17.32	17.36	17.78	18.09	18.24
28	16.57	16.54	16.48	16.45	16.61	16.80	16.85	17.32	17.32	17.81	18.11	18.24
29	---	16.58	16.50	16.43	16.62	16.81	16.85	17.30	17.34	17.84	18.12	18.25
30	---	16.55	16.44	16.42	---	16.79	16.84	17.32	17.36	17.87	18.13	18.21
31	---	---	16.35	16.43	---	16.79	---	17.34	---	17.88	18.17	---
MONTH	16.34	---	16.51	16.46	16.49	16.69	16.84	16.94	17.39	17.52	18.03	18.26
YEAR	MAX	18.38	MIN	16.13	MEAN	17.03						

MONTHLY MEAN HYDROGRAPH



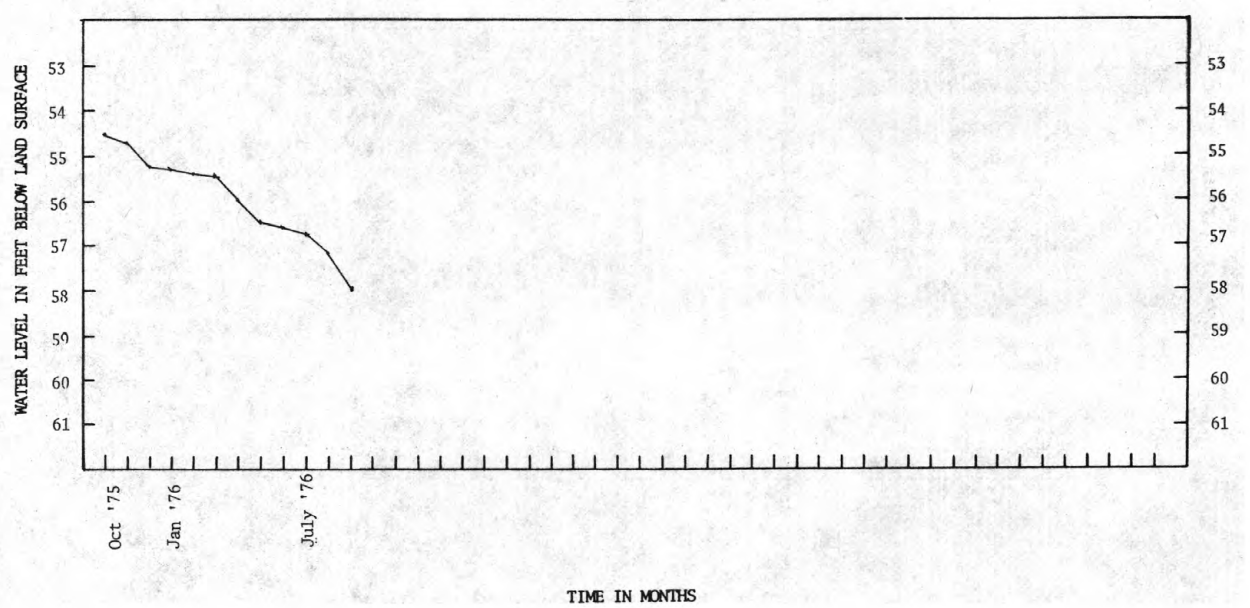
HORRY COUNTY

334530785742OO. Local number, HO 308 Perry Road 2.
LOCATION.--Lat 33°45'30", long 78°57'42", Hydrologic Unit 03040206, 5 1/2 miles S.E. of Conway between S.C. 90 and U.S. 501.
Owner: South Carolina Water Resources Commission.
AQUIFER.--Black Creek.
WELL CHARACTERISTICS.--Drilled artesian observation and test well, diameter 4 in (10.25 cm), depth 375 ft (114.3 m), cased to 360 ft (109.75 m), screened from 360-375 ft (109.8 - 114.3 m).
DATUM.--Land-surface datum is 42.46 ft (12.94 m) above mean sea level. Measuring point is land-surface datum.
PERIOD OF RECORD.--Sept. 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 54.18 ft (16.51 m) below land-surface datum, Oct. 1, 1975, lowest, 58.30 ft (17.77 m) below land-surface datum, Sept. 29, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54.18	54.45	55.05	55.06	55.21	55.49	55.73	56.38	56.59	56.62	57.09	57.67
2	54.19	54.45	55.04	55.13	55.21	55.49	55.79	56.35	56.58	56.62	56.95	57.69
3	54.19	54.45	55.07	55.11	55.26	55.51	55.84	56.36	56.54	56.62	56.94	57.69
4	54.30	54.46	55.13	55.12	55.28	55.56	55.83	56.39	56.52	56.62	56.95	57.71
5	54.32	54.46	55.16	55.19	55.29	55.60	55.84	56.42	56.55	56.62	56.98	57.72
6	54.33	54.46	55.17	55.20	55.29	55.62	55.84	56.44	56.57	56.62	57.01	57.75
7	54.37	54.47	55.16	55.15	55.29	55.65	55.85	56.44	56.55	56.61	57.03	57.79
8	54.37	54.48	55.13	55.09	55.29	55.64	55.89	56.44	56.53	56.62	57.01	57.81
9	54.38	54.48	55.09	55.19	55.29	55.50	55.95	56.45	56.55	56.65	56.82	57.85
10	54.42	54.48	55.10	55.25	55.32	55.53	56.02	56.44	56.58	56.69	56.91	57.85
11	54.48	54.48	55.20	55.25	55.30	55.58	56.03	56.39	56.59	56.69	56.98	57.91
12	---	54.48	55.26	55.22	55.29	55.61	56.05	56.34	56.65	56.65	57.03	57.97
13	---	54.48	55.31	55.22	55.29	55.56	56.06	56.37	56.71	56.65	57.05	58.01
14	---	54.48	55.31	55.23	55.30	55.62	56.05	56.40	56.74	56.69	57.07	58.00
15	---	54.48	55.27	55.30	55.31	55.59	56.06	56.40	56.75	56.73	57.12	57.93
16	---	54.48	55.26	55.28	55.31	55.45	56.10	56.38	56.75	56.74	57.13	57.98
17	---	54.48	55.26	55.28	55.30	55.50	56.14	56.35	56.75	56.77	57.08	58.03
18	---	54.49	55.28	55.39	55.30	55.56	56.16	56.31	56.75	56.82	57.10	58.07
19	---	54.66	55.31	55.43	55.30	55.56	56.16	56.37	56.75	56.84	57.19	58.09
20	---	55.02	55.30	55.38	55.37	55.56	56.16	56.40	56.75	56.85	57.21	58.08
21	---	55.01	55.30	55.31	55.41	55.62	56.17	56.41	56.72	56.85	57.19	58.04
22	54.45	55.08	55.29	55.30	55.35	55.64	56.18	56.43	56.70	56.87	57.25	58.12
23	54.45	55.08	55.29	55.34	55.39	55.64	56.18	56.43	56.67	56.91	57.28	58.21
24	54.45	55.02	55.33	55.35	55.43	---	56.18	56.33	56.63	56.92	57.34	58.22
25	54.45	55.03	55.34	55.38	55.44	55.63	56.18	56.33	56.62	56.92	57.40	58.24
26	54.45	55.07	55.18	55.37	55.45	55.65	56.22	56.43	56.62	56.95	57.45	58.28
27	54.45	55.06	55.16	55.29	55.46	55.67	56.31	56.53	56.62	56.96	57.51	58.29
28	54.45	55.09	55.16	55.25	55.49	55.69	56.35	56.55	56.62	56.98	57.57	58.29
29	54.45	55.13	55.16	55.24	55.50	55.71	56.40	56.56	56.62	57.01	57.60	58.30
30	54.45	55.11	55.12	55.23	---	55.69	56.44	56.58	56.62	57.05	57.63	58.27
31	54.45	---	55.04	55.25	---	55.69	---	56.60	---	57.06	57.65	---
MONTH	---	54.69	55.20	55.25	55.33	55.59	56.07	56.41	56.63	56.78	57.17	57.99
YEAR	MAX	58.30	MIN	54.18	MEAN	56.00						

MONTHLY MEAN HYDROGRAPH



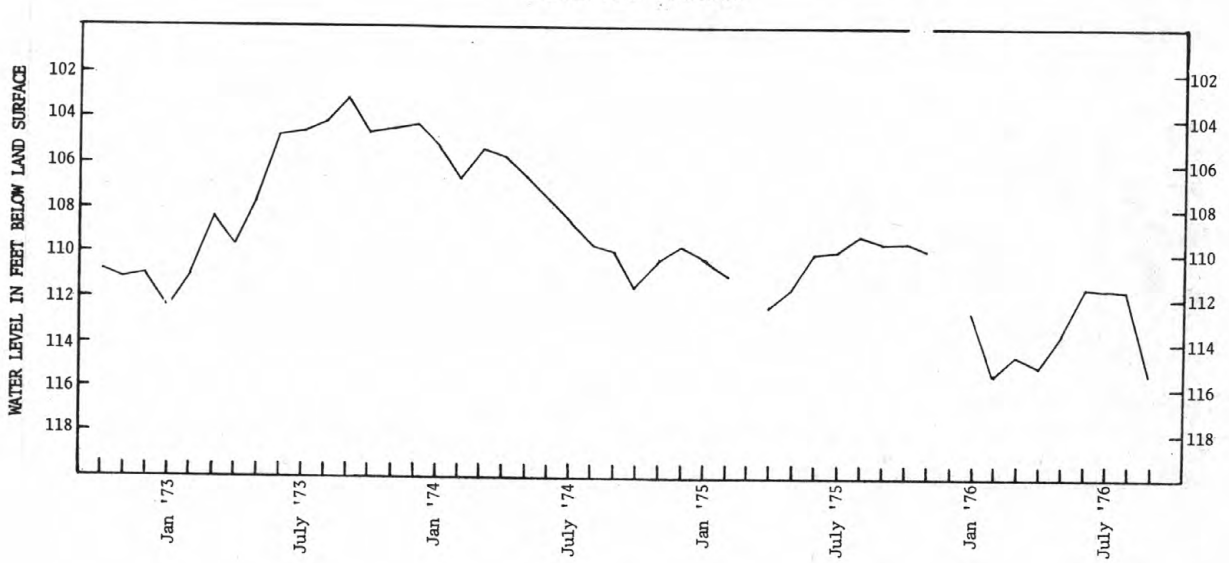
LEXINGTON COUNTY

335250081102501. Local number, LEX 79.
LOCATION.--Lat 33°52'50", long 81°10'25", Hydrologic Unit 03050110, near Edmund.
Owner: Pennsylvania Sand and Glass Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused industrial and observation artesian well, diameter 6 in (15.38 cm), depth 252 ft (76.8 m), cased to 250 ft (76.2 m).
DATUM.--Land-surface datum is 376 ft (114.6 m) above mean sea level. Measuring point: Top of recorder platform, at land-surface datum.
PERIOD OF RECORD.--1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 100.31 ft (30.58 m) below land-surface datum, Sept. 9, 1973; lowest, 118.46 ft (36.11 m) below land-surface datum, Apr. 26 and May 1, 1969.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	110.85		---	---	114.73	114.93	116.46	110.95	111.76	110.97	112.27
2	---	110.30		---	---	114.79	114.97	114.70	111.45	111.85	111.09	112.19
3	---	110.22		---	---	114.81	114.59	114.82	111.59	111.66	111.75	115.64
4	---	110.86		---	---	114.77	113.80	116.54	111.76	110.86	111.93	115.45
5	---	109.78		---	---	114.76	114.34	117.74	111.44	110.84	111.58	114.95
6	108.48	109.27		---	---	114.49	114.79	117.03	110.77	111.59	111.03	114.95
7	108.54	109.39		---	---	113.64	114.89	115.83	110.97	111.76	110.92	115.41
8	108.58	110.74		---	---	113.89	114.94	115.28	111.54	111.75	110.87	115.92
9	108.62	111.01		112.69	---	114.36	115.09	114.63	111.68	111.78	110.90	115.91
10	108.66	111.00		112.47	---	114.79	114.64	114.97	111.79	111.48	111.06	115.88
11	108.63	111.10		111.44	---	114.89	113.93	115.40	111.70	111.12	111.89	115.58
12	108.63	111.02		113.35	---	114.87	114.47	115.38	111.35	111.08	111.98	115.05
13	108.70	111.10		114.11	---	114.58	114.91	115.69	110.85	111.64	112.10	115.50
14	109.00	110.76		114.42	---	113.88	114.94	115.73	111.26	111.74	111.73	115.71
15	108.83	108.40		114.56	---	114.13	115.03	115.43	111.61	111.89	111.12	115.67
16	109.23	110.07		114.39	---	114.45	115.09	115.18	111.64	111.92	111.38	115.88
17	108.72	110.86		114.12	---	114.87	114.67	113.09	111.74	111.53	111.67	115.91
18	108.85	---		111.93	---	114.96	114.06	111.52	111.77	110.98	111.75	115.46
19	108.51	---		112.54	---	114.88	114.40	111.80	111.28	111.30	111.81	114.94
20	109.11	---		114.02	116.33	114.84	114.93	111.81	110.68	111.76	111.84	115.13
21	108.66	---		114.32	115.43	114.35	115.06	111.77	111.11	111.76	111.69	115.56
22	108.70	---		114.54	114.23	114.43	115.14	111.38	111.66	111.81	111.19	115.82
23	109.32	---		114.50	115.83	114.92	115.24	110.49	111.76	111.86	111.58	115.93
24	109.91	---		114.40	116.41	114.90	114.97	110.83	111.71	111.83	112.23	116.11
25	109.68	---		113.87	115.92	114.81	114.05	111.56	111.70	111.41	112.33	115.95
26	110.07	---		111.95	114.83	114.88	115.07	111.73	111.75	111.37	112.39	115.58
27	110.57	---		---	114.72	114.68	116.47	111.56	111.31	111.83	112.33	115.84
28	110.90	---		---	114.69	113.94	115.62	111.59	111.33	111.92	112.34	116.30
29	110.90	---		---	114.69	114.22	116.28	111.40	111.58	111.95	111.95	116.07
30	110.91	---		---	---	114.71	116.59	111.17	111.66	111.97	111.81	116.03
31	111.04	---		---	---	114.76	---	110.66	---	111.47	112.22	---
MONTH	109.29	---		---	---	114.58	114.93	113.65	111.44	111.59	111.65	115.41

MONTHLY MEAN HYDROGRAPH



MARLBORO COUNTY

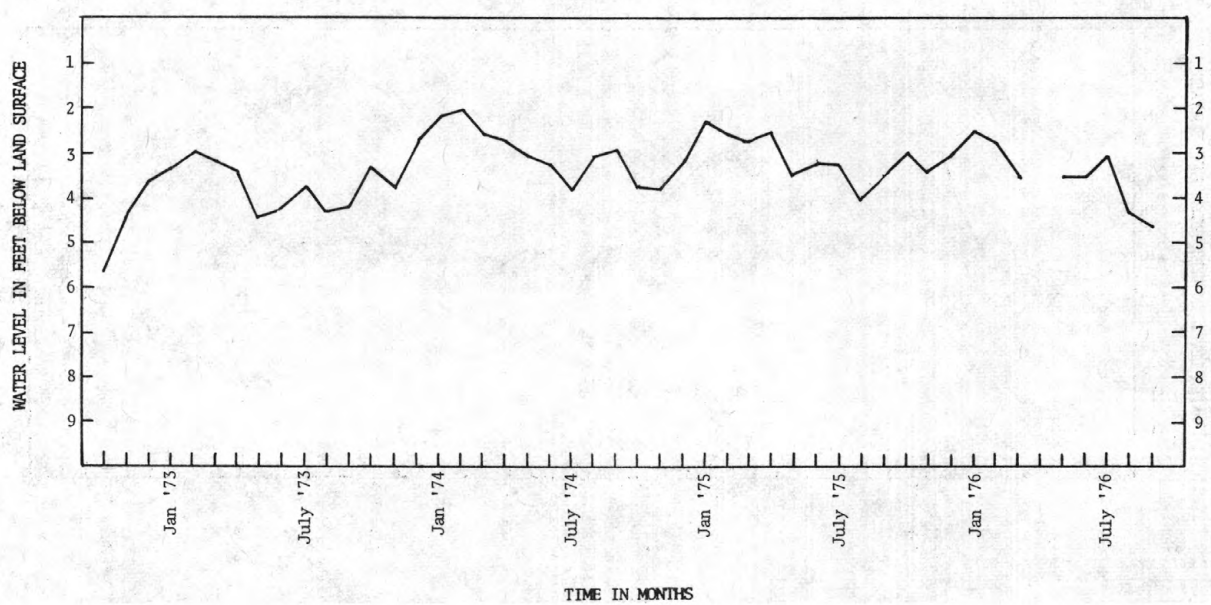
343715079411500. Local number, MLB 112.
LOCATION.--Lat 34°37'15", long 79°41'15", near National Guard Armory.
Owner: Town of Bennettsville.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 8 in (20.5 cm), depth 345 ft (105.2 m), cased to 320 ft (97.6 m), perforated pipe 220-320 ft (67-97.6 m), screened 320-335 ft (97.6-102 m).
DATUM.--Land-surface datum is 150 ft (45.7 m) above mean sea level. Measuring point: Top of concrete pad, 1.20 ft (0.37 m) above land-surface datum.
PERIOD OF RECORD.--1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 0.85 ft (0.26 m) below land-surface datum, Feb. 2, 1973; 5.05 ft (1.54 m) below land-surface datum, June 7, 1976.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.49	3.48	3.32	2.17	2.41	3.26		---	3.34	3.30	3.94	4.76
2	2.62	3.49	3.39	2.32	2.16	3.30		---	3.44	3.01	3.88	4.74
3	2.71	3.60	3.43	2.37	2.34	3.31		3.96	3.07	3.10	3.94	4.61
4	2.77	3.63	3.42	2.47	2.44	3.27		3.97	2.71	2.92	4.01	4.58
5	2.83	3.57	3.40	2.66	2.46	3.26		4.02	2.80	2.35	4.07	4.61
6	2.97	3.64	3.39	2.72	2.46	3.18		3.99	4.59	2.22	4.07	4.65
7	3.07	3.56	3.37	2.56	2.54	3.21		3.97	5.05	2.02	4.09	4.78
8	2.94	3.45	3.30	1.99	2.57	3.68		3.96	3.83	2.15	4.05	4.80
9	2.32	3.46	3.23	2.09	2.66	4.47		3.95	3.25	2.29	4.13	4.75
10	2.40	3.55	3.12	2.21	2.78	4.52		4.10	3.24	2.40	4.22	4.75
11	2.50	3.50	3.12	2.27	2.77	4.49		3.99	3.25	2.50	4.22	4.79
12	2.61	3.52	3.14	2.43	2.81	4.46		4.02	3.32	2.68	4.30	4.81
13	2.79	2.91	3.16	2.52	2.80	4.23		4.10	3.64	2.84	4.29	4.84
14	2.80	3.02	3.17	2.56	2.84	4.30		4.05	4.08	2.97	4.29	4.87
15	2.85	3.09	3.16	2.65	2.86	---		3.56	4.14	3.06	4.34	4.77
16	2.99	3.13	3.20	2.58	2.86	---		2.58	4.17	3.15	4.43	4.73
17	2.93	3.26	3.02	2.57	2.98	---		2.72	3.69	3.12	4.42	4.72
18	2.90	3.25	2.66	2.67	2.95	---		2.88	3.12	3.17	4.52	4.76
19	2.97	3.32	2.74	2.80	2.95	---		3.01	3.22	3.29	4.58	4.79
20	3.05	3.35	2.76	2.81	3.06	---		3.05	3.19	3.40	4.50	4.77
21	3.12	3.31	2.80	2.80	3.02	---		3.10	3.27	3.46	4.42	4.74
22	3.23	3.34	2.86	2.79	2.97	---		3.17	3.44	3.54	4.41	4.78
23	3.29	3.34	3.01	2.81	3.14	---		3.19	3.46	3.52	4.55	4.80
24	3.26	3.41	3.01	2.82	3.19	---		3.27	3.52	3.52	4.63	4.76
25	3.26	3.39	2.96	2.86	3.15	---		3.26	3.64	3.59	4.65	4.75
26	3.27	3.48	2.91	2.82	3.12	---		3.41	3.68	3.72	4.64	4.60
27	3.33	3.40	2.60	2.48	3.13	---		3.40	3.70	3.76	4.64	4.16
28	3.45	3.44	2.68	2.25	3.14	---		3.39	3.45	3.74	4.66	4.27
29	3.40	3.45	2.75	2.30	3.16	---		3.06	3.33	3.87	4.63	4.22
30	3.48	3.43	2.65	2.37	---	---		3.12	3.34	3.88	4.61	4.19
31	3.50	---	2.22	2.46	---	---		3.31	---	3.89	4.69	---
MONTH	2.97	3.39	3.02	2.52	2.81	---		3.50	3.53	3.11	4.34	4.67

YEAR MAX 5.05 MIN 1.99 MEAN 3.40

MONTHLY MEAN HYDROGRAPH



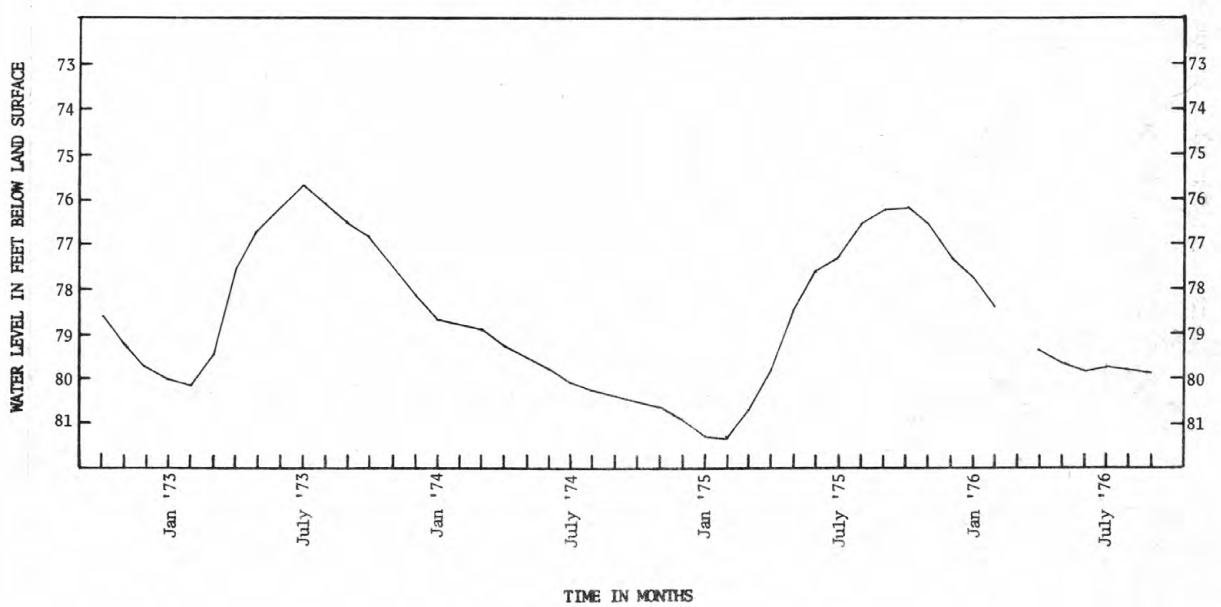
RICHLAND COUNTY

340335080583501. Local number, RIC 40.
LOCATION.--Lat 34°03'35", long 80°58'35", on Shakespeare Road in Dentsville, North of Columbia.
Owner: Shakespeare Manufacturing Co.
AQUIFER.--Sands of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 6 in (15.38 cm), depth 245 ft (74.7 m), cased to 233 ft (71 m), screened 98-105 ft (30-32 m).
DATUM.--Land-surface datum is 390 ft (119 m) above mean sea level. Measuring point: Top of casing, 0.37 ft (0.11 m) above land-surface datum.
PERIOD OF RECORD.--1949-52, 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.03 ft (23.17) below land-surface datum, Oct. 17, 1975; lowest 84.28 ft (25.69 m) below land-surface datum, May 16, 1952.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76.14	76.48	76.88	77.59	77.83	78.67	---	79.44	79.82	79.76	79.84	---
2	76.18	76.43	76.97	77.63	78.09	78.69	---	79.50	79.85	79.77	79.89	---
3	76.31	76.44	77.02	77.57	78.12	78.73	---	79.57	79.91	79.74	79.91	---
4	76.20	76.46	77.06	77.69	78.17	78.74	---	79.64	79.96	79.69	---	---
5	76.12	76.48	77.08	77.75	78.15	78.78	---	79.63	79.92	79.69	---	---
6	76.11	76.46	77.04	77.72	78.10	78.74	---	79.64	79.85	79.70	---	---
7	76.12	76.42	77.00	77.63	78.22	78.74	79.14	79.61	79.83	79.69	---	---
8	76.11	76.45	77.08	77.68	78.15	---	79.16	79.66	79.84	79.69	---	---
9	76.13	76.48	77.04	77.85	78.29	---	79.24	79.64	79.85	79.72	---	---
10	76.13	76.48	77.17	77.80	78.29	---	79.25	79.66	79.82	79.72	---	---
11	76.11	76.52	77.27	77.68	78.29	---	79.18	79.66	79.78	79.68	---	---
12	76.11	76.44	77.31	77.73	78.39	---	79.26	79.71	79.78	79.66	---	---
13	76.15	76.47	77.33	77.70	78.37	---	79.23	79.78	79.81	79.71	---	79.94
14	76.14	76.61	77.27	77.77	78.40	---	79.22	79.77	79.82	79.81	---	79.87
15	76.13	76.65	77.19	77.81	78.35	---	79.25	79.72	79.79	79.81	---	79.86
16	76.11	76.60	77.23	77.65	78.31	---	79.28	79.70	79.77	79.78	---	79.91
17	76.03	76.69	77.25	77.70	78.39	---	79.27	79.67	79.81	79.83	---	79.93
18	76.12	76.78	77.34	77.90	78.38	---	79.27	79.69	79.82	79.86	---	79.88
19	76.17	76.79	77.41	77.91	78.46	---	79.26	79.82	79.79	79.89	---	79.87
20	76.21	76.76	77.32	77.81	78.55	---	79.29	79.83	79.76	79.86	---	79.85
21	76.23	76.77	77.30	77.75	78.46	---	79.34	79.80	79.78	79.81	---	79.88
22	76.24	76.90	77.35	77.83	78.37	---	79.37	79.75	79.83	79.84	---	79.99
23	76.29	76.92	77.41	77.86	78.58	---	79.41	79.68	79.85	79.87	---	80.02
24	76.31	76.86	77.43	77.87	78.60	---	79.39	79.73	79.82	79.84	---	80.00
25	76.30	76.93	77.27	77.94	78.59	---	79.35	79.85	79.80	79.81	---	80.01
26	76.29	76.99	77.25	77.95	78.58	---	79.45	79.88	79.85	79.82	---	79.99
27	76.36	76.90	77.36	77.95	78.59	---	79.52	79.90	79.85	79.79	---	80.00
28	76.41	77.02	77.41	77.99	78.61	---	79.53	79.85	79.81	79.78	---	80.04
29	76.38	77.01	77.44	77.93	78.64	---	79.52	79.77	79.75	79.80	---	80.00
30	76.43	76.91	77.40	77.96	---	---	79.51	79.78	79.73	79.84	---	79.96
31	76.51	---	77.41	78.00	---	---	---	79.78	---	79.83	---	---
MONTH	76.21	76.67	77.23	77.79	78.35	---	79.32	79.71	79.82	79.77	---	---
YEAR	MAX	80.04	MIN	76.03	MEAN	78.42						

MONTHLY MEAN HYDROGRAPH



SPARTANBURG COUNTY

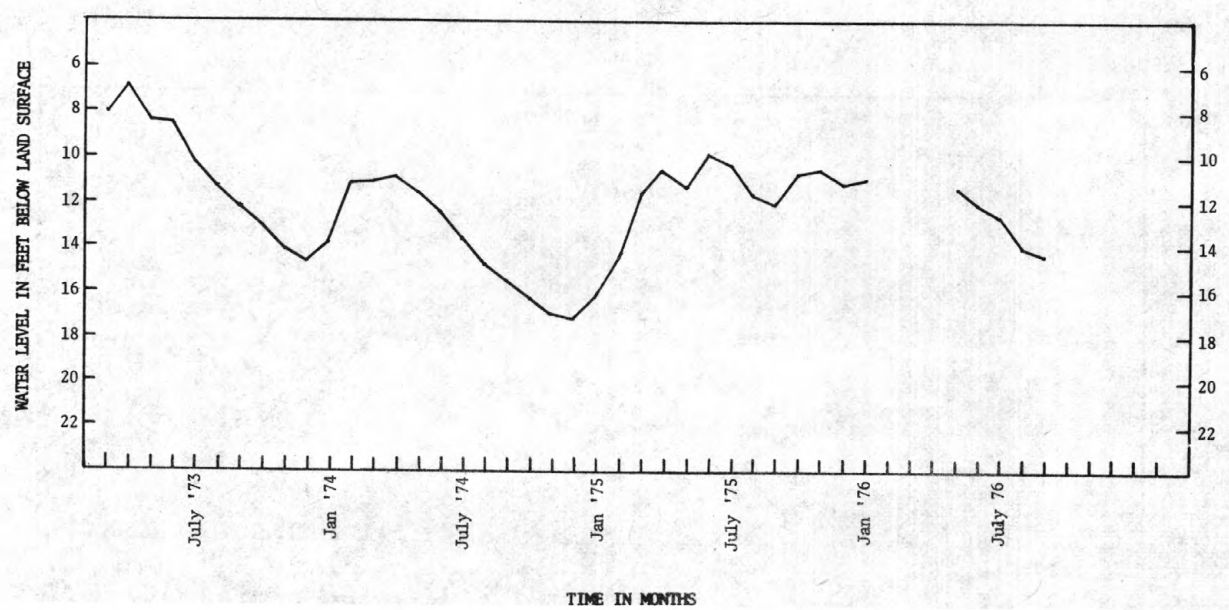
345930081591000. Local number, SP 297.
LOCATION.--Lat 34°59'30", long 81°59'10", Northwest Spartanburg.
Owner: Metro. Subdistrict B Water Works.
AQUIFER.--Metamorphic rock of Paleozoic to Precambriam age.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 6 in (15.38 cm), depth 442 ft (134.7 m), cased to 51 ft (15.5 m), open hole below casing.
DATUM.--Land-surface datum is 880 ft (268 m) above mean sea level. Measuring point: Top of casing, 0.97 ft (0.30 m) above land-surface datum.
REMARKS.--Formerly listed as SP 298.
PERIOD OF RECORD.--1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.77 ft (1.75 m) below land-surface datum, Apr. 9, 1973; lowest, 17.34 ft (5.29 m) below land-surface datum, Dec. 13, 14, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.39	10.81	10.76	11.43	10.80	---	10.03	10.85	11.92	12.38	13.40	14.49
2	11.40	10.83	10.82	11.37	10.88	---	---	10.92	11.95	12.46	13.47	14.51
3	11.45	10.86	10.87	11.26	10.81	---	---	11.01	11.98	12.50	13.56	14.56
4	11.42	10.91	10.94	11.28	10.77	---	---	11.12	12.01	12.49	13.63	14.58
5	11.41	10.96	10.99	11.29	10.72	---	---	11.16	12.03	12.50	13.66	14.58
6	11.42	11.00	11.00	11.23	10.64	---	---	11.19	12.04	12.52	13.67	14.64
7	11.43	10.98	11.01	11.14	10.67	---	---	11.14	12.05	12.53	13.70	14.68
8	11.32	11.00	11.04	11.10	10.60	---	---	11.18	12.07	12.58	13.74	14.69
9	11.04	11.04	11.04	11.18	10.68	---	---	11.21	12.12	12.61	13.78	14.70
10	10.98	11.02	11.12	11.15	10.66	---	---	11.26	12.18	12.64	13.83	14.72
11	10.94	10.95	11.21	11.05	10.60	---	---	11.27	12.19	12.66	13.87	14.75
12	10.94	10.84	11.27	11.06	10.67	---	---	11.33	12.24	12.68	13.90	14.77
13	10.96	10.56	11.34	11.03	10.63	---	---	11.40	12.28	12.73	13.93	14.79
14	10.96	10.45	11.36	11.07	10.65	---	---	11.44	12.31	12.78	13.98	14.65
15	10.95	10.43	11.32	11.09	---	---	---	11.47	12.32	12.83	14.03	14.26
16	10.96	10.39	11.35	11.01	---	---	---	11.46	12.32	12.85	14.06	14.23
17	10.79	10.41	11.41	11.04	---	---	---	11.44	12.24	12.90	14.10	14.25
18	10.48	10.43	11.49	11.20	---	---	---	11.48	12.10	12.95	14.15	14.29
19	10.41	10.41	11.55	11.25	---	---	---	11.58	12.06	12.99	14.19	14.32
20	10.41	10.36	11.54	11.18	---	---	---	11.61	12.00	13.01	14.23	14.34
21	10.40	10.36	11.58	11.14	---	---	---	11.62	11.99	13.04	14.26	14.38
22	10.39	10.50	11.62	11.25	---	---	---	11.65	12.02	13.09	14.31	14.46
23	10.43	10.53	11.68	11.32	---	10.77	---	11.66	12.05	13.12	14.36	14.52
24	10.46	10.52	11.75	11.33	---	10.72	---	11.71	12.09	13.14	14.41	14.54
25	10.48	10.55	11.73	11.40	---	10.66	---	11.86	12.14	13.19	14.45	14.57
26	10.50	10.63	11.67	11.41	---	10.68	---	11.93	12.20	13.22	14.48	14.57
27	10.57	10.60	11.75	11.29	---	10.65	---	11.98	12.27	13.22	14.52	14.42
28	10.63	10.72	11.81	11.08	---	10.70	10.76	12.00	12.28	13.26	14.50	14.34
29	10.64	10.78	11.81	10.92	---	10.71	10.82	11.92	12.28	13.30	14.41	14.23
30	10.70	10.76	11.73	10.88	---	10.53	10.86	11.87	12.30	13.32	14.43	14.08
31	10.78	---	11.52	10.90	---	10.23	---	11.89	---	13.37	14.46	---
MONTH	10.87	10.68	11.35	11.17	---	---	---	11.47	12.13	12.86	14.04	14.49

YEAR MAX 14.79 MIN 10.03 MEAN 11.98

MONTHLY MEAN HYDROGRAPH



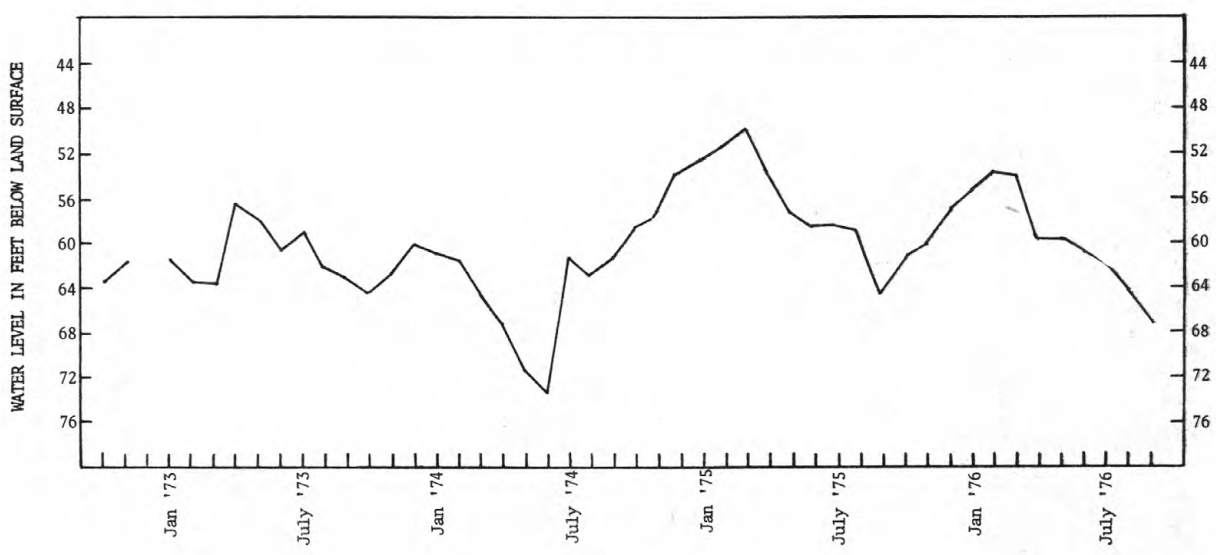
SUMTER COUNTY

335602080204800. Local number, SU 69.
LOCATION.--Lat 33°56'02", long 80°20'48", Hydrologic Unit 03040205, at Sumter municipal well field.
Owner: City of Sumter.
AQUIFER.--sands of Black Creek Formation.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 18 in (46.2 cm) to 248 ft (75.6 m), 8 in (20.5 cm) from 208 ft (63.4 m) to 618 ft (188.4 m), depth 805 ft (245.4 m), cased to 618 ft (188.4 m), screened 525-608 ft (160-185 m), gravel packed.
DATUM.--Land-surface datum is 176 ft (53.7 m) above mean sea level. Measuring point: Top of concrete pad, 0.42 ft (0.13 m) above land-surface datum.
REMARKS.--Water levels are affected by pumping of nearby wells.
PERIOD OF RECORD.--1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measuring 40.57 ft (12.37 m) below land-surface datum, Oct. 29, 1971; lowest, 77.81 ft (23.72 m) below land-surface datum, June 28, 1974.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63.43	63.52	55.94	56.89	53.63	53.89	55.49	59.54	60.28	64.56	58.85	65.84
2	63.95	58.42	57.55	55.95	54.68	55.48	55.63	56.16	63.64	64.22	61.19	67.82
3	64.11	59.37	60.66	54.01	56.06	54.81	55.62	57.66	61.46	62.17	60.84	63.56
4	61.34	62.02	59.72	52.31	55.25	54.88	56.95	58.34	60.49	58.33	64.68	---
5	56.92	62.59	59.51	53.59	55.22	54.96	56.18	59.54	58.24	55.81	66.16	---
6	56.83	62.87	59.19	55.00	54.82	53.14	57.18	59.60	56.50	56.06	67.10	---
7	59.13	62.74	54.65	56.50	53.61	53.90	57.75	58.84	58.64	60.08	65.40	---
8	61.48	60.68	54.84	57.18	52.26	53.20	57.56	58.34	59.61	62.72	61.10	---
9	61.02	57.88	57.52	57.65	53.18	53.33	56.59	55.34	61.55	62.81	63.70	---
10	62.74	58.20	59.35	55.22	54.13	55.61	56.17	56.82	60.83	60.59	66.74	---
11	60.95	61.69	59.58	53.57	54.43	56.36	55.78	57.90	62.93	57.90	65.72	---
12	55.94	62.43	60.43	53.97	55.08	56.12	54.80	60.77	62.36	60.41	66.17	---
13	58.00	62.71	58.68	56.33	54.87	55.34	56.50	62.25	59.35	62.70	68.35	---
14	60.88	63.06	55.38	57.24	54.18	53.42	60.27	62.84	61.79	64.05	65.36	---
15	62.37	63.13	55.40	57.27	51.68	55.22	63.02	59.51	63.54	64.99	61.83	---
16	62.72	60.71	58.43	57.58	52.76	54.87	62.01	56.73	63.95	65.53	62.94	---
17	62.58	60.15	58.21	56.42	54.03	55.08	60.48	57.66	64.09	61.78	65.27	---
18	62.02	62.30	58.81	55.53	54.79	56.03	60.52	59.80	62.62	57.94	66.28	---
19	60.57	62.80	59.17	55.82	55.17	56.71	59.73	61.55	60.16	57.71	66.91	---
20	58.53	62.94	57.93	55.83	54.66	56.13	62.87	61.03	56.87	60.82	66.08	---
21	61.61	61.54	58.18	56.93	54.84	52.00	62.77	61.26	60.20	63.52	61.60	---
22	62.60	60.79	58.32	56.10	50.94	51.78	62.14	63.03	61.82	67.01	59.62	---
23	62.41	55.84	57.59	56.67	51.32	53.42	63.53	60.56	61.84	65.68	62.51	---
24	63.09	57.48	57.36	56.45	52.97	53.97	64.35	59.81	62.92	63.04	63.80	---
25	61.94	57.59	55.61	53.54	54.01	55.59	61.88	62.12	61.90	61.59	65.90	---
26	59.71	57.97	55.31	54.18	54.06	54.90	63.71	63.34	59.76	61.88	67.29	---
27	59.12	57.71	55.15	55.49	53.96	54.62	63.67	63.75	58.17	63.41	69.14	68.82
28	61.38	58.28	52.25	56.30	54.86	53.03	63.40	60.99	59.88	63.78	65.85	67.41
29	60.94	57.45	52.67	56.89	54.33	52.40	64.01	59.89	62.00	67.09	62.57	68.19
30	62.89	55.24	55.58	55.41	---	54.06	62.32	57.83	64.11	66.87	62.33	68.85
31	63.40	---	56.58	55.35	---	54.93	---	57.49	---	60.39	64.31	---
MONTH	61.11	60.33	57.27	55.71	53.99	54.48	59.76	59.68	61.05	62.11	64.37	---
YEAR	MAX	69.14	MIN	50.94	MEAN	59.26						

MONTHLY MEAN HYDROGRAPH



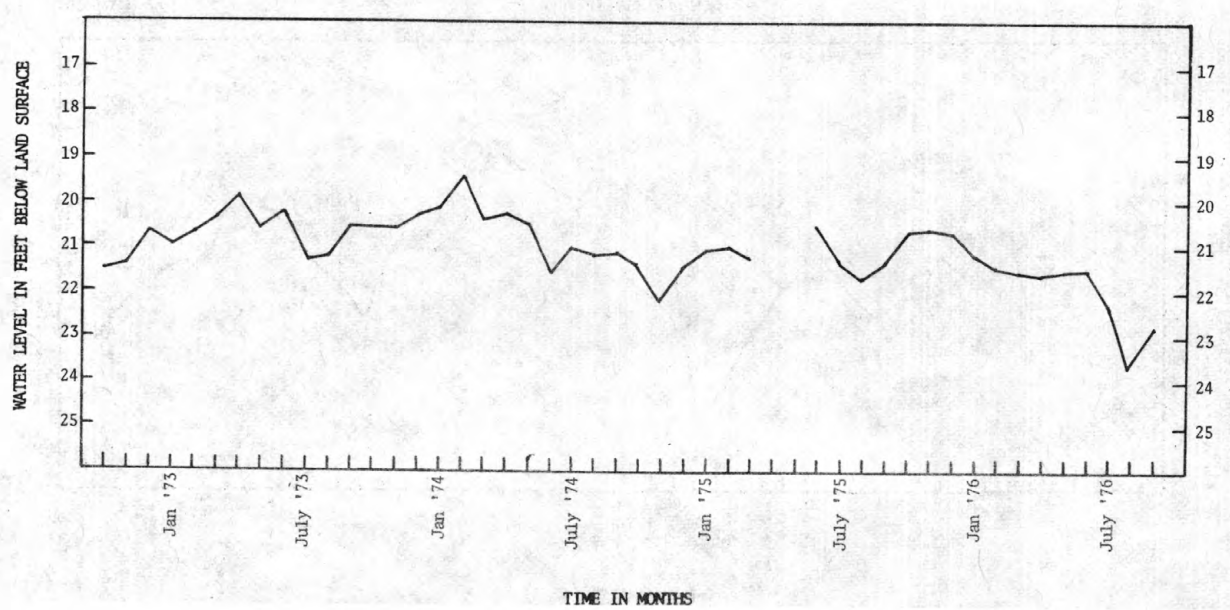
YORK COUNTY

350150081012500. Local number, YK 147.
LOCATION.--Lat 35°01'50", long 81° 01'25", at Fort Mill on Lake Wiley.
Owner: Tega Cay Development.
AQUFIER.--Rock of Paleozoic to Precambrian age.
WELL CHARACTERISTICS.--Drilled unused privately owned public supply water table well, daimter 8 in (20.5 cm), depth 700 ft (213.4 m), cased to 50 ft (15 m), open hole below casing.
DATUM.--Land-surface datum is 600 ft (183 m) above mean sea level. Measuring point: Top of casing, 0.75 ft (0.23 m) above land-surface datum.
PERIOD OF RECORD.--1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.59 ft (5.67 m) below land-surface datum, Apr. 8, 1973; lowest, 22.73 ft (6.93 m) below land-sruface datum, Aug. 29, 1975.

WATER LEVEL, IN FFET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.00	20.77	20.71	20.55	21.18	21.77	21.08	21.84	21.65	21.24	24.31	23.42
2	20.92	20.80	20.80	20.56	21.29	21.83	21.05	21.78	21.64	21.30	24.55	23.34
3	20.95	20.84	20.81	20.49	21.35	21.91	21.05	21.72	21.62	21.29	24.82	23.25
4	20.88	20.91	20.82	20.57	21.43	21.97	20.97	21.73	21.56	21.21	24.84	23.14
5	20.78	20.94	20.83	20.73	21.42	22.01	21.05	21.68	21.51	21.21	24.65	23.06
6	20.73	20.95	20.83	20.82	21.34	22.02	21.09	21.64	21.40	21.24	24.45	23.06
7	20.73	20.92	20.81	20.85	21.33	22.01	21.11	21.58	21.32	21.23	24.29	23.14
8	20.71	20.89	20.77	20.88	21.23	21.97	21.12	21.62	21.24	21.18	24.13	23.27
9	20.66	20.89	20.67	21.06	21.31	21.82	21.18	21.60	21.18	21.15	23.99	23.33
10	20.63	20.83	20.67	21.13	21.28	21.83	21.22	21.55	21.21	21.13	23.78	23.38
11	20.58	20.78	20.68	21.15	21.24	21.82	21.17	21.45	21.27	21.06	23.52	23.50
12	20.61	20.65	20.70	21.24	21.34	21.80	21.28	21.42	21.36	21.05	23.31	23.59
13	20.66	20.53	20.74	21.32	21.31	21.65	21.33	21.40	21.45	21.13	23.23	23.73
14	20.69	20.38	20.74	21.39	21.32	21.66	21.35	21.41	21.62	21.29	23.31	23.77
15	20.65	20.35	20.65	21.41	21.33	21.60	21.39	21.37	21.71	21.45	23.44	23.32
16	20.66	20.28	20.60	21.27	21.28	21.41	21.46	21.19	21.73	21.64	23.61	22.81
17	20.65	20.34	20.63	21.27	21.31	21.36	21.58	21.14	21.76	21.82	23.70	22.60
18	20.67	20.39	20.67	21.38	21.30	21.27	21.69	21.15	21.71	21.96	23.64	22.46
19	20.67	20.46	20.72	21.39	21.34	21.19	21.84	21.25	21.64	22.17	23.55	22.35
20	20.62	20.48	20.68	21.25	21.44	21.12	22.05	21.25	21.57	22.37	23.47	22.27
21	20.59	20.53	20.72	21.16	21.43	21.06	22.22	21.19	21.49	22.49	23.36	22.24
22	20.62	20.67	20.79	21.24	21.33	21.15	22.29	21.17	21.45	22.62	23.23	22.31
23	20.69	20.72	20.86	21.23	21.47	21.18	22.34	21.21	21.39	22.76	23.14	22.34
24	20.72	20.73	20.93	21.22	21.49	21.16	22.25	21.38	21.38	22.94	23.11	22.26
25	20.73	20.76	20.87	21.31	21.48	21.11	22.11	21.65	21.34	23.19	23.11	22.22
26	20.74	20.81	20.74	21.35	21.49	21.13	22.11	21.83	21.29	23.68	23.17	22.17
27	20.79	20.73	20.77	21.31	21.50	21.13	22.11	21.91	21.26	24.21	23.26	22.12
28	20.79	20.80	20.81	21.27	21.57	21.21	22.06	21.87	21.27	24.49	23.35	22.09
29	20.71	20.85	20.80	21.17	21.67	21.23	22.01	21.80	21.24	24.45	23.43	22.05
30	20.71	20.75	20.72	21.17	---	21.20	21.96	21.80	21.19	24.28	23.48	22.05
31	20.75	---	20.58	21.26	---	21.13	---	21.76	---	24.24	23.48	---
MONTH	20.71	20.69	20.74	21.10	21.37	21.50	21.58	21.52	21.44	22.17	23.70	22.82
YEAR	MAX	24.84	MIN	20.28	MEAN	21.61						

MONTHLY MEAN HYDROGRAPH



FACTORS FOR CONVERTING ENGLISH UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

The following factors may be used to convert the English units published herein to the International System of Units (SI). Subsequent reports will contain both the English and SI unit equivalents in the station manuscript descriptions until such time that all data will be published in SI units.

Multiply English 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}	*hectares (ha)
	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 (10^6 gal)	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 [$(ft^3/s) \cdot d$]	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 (mgal/d)	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}	tonnes (t)

*The unit hectare is approved for use with the International System (SI) for a limited time. See NBS Special Bulletin 330, p.15, 1972 edition.

**The unit liter is accepted for use with the International System (SI). See NBS Special Bulletin 330, p. 13, 1972 edition.

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