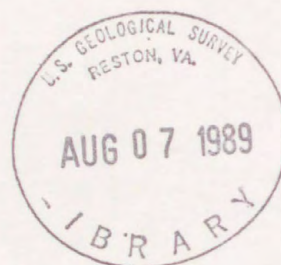


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Water Resources Data Mississippi Water Year 1987



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-87-1
Prepared in cooperation with the Mississippi Department of
Natural Resources and with other State, county, municipal
and Federal agencies

CALENDAR FOR WATER YEAR 1987

1986

OCTOBER

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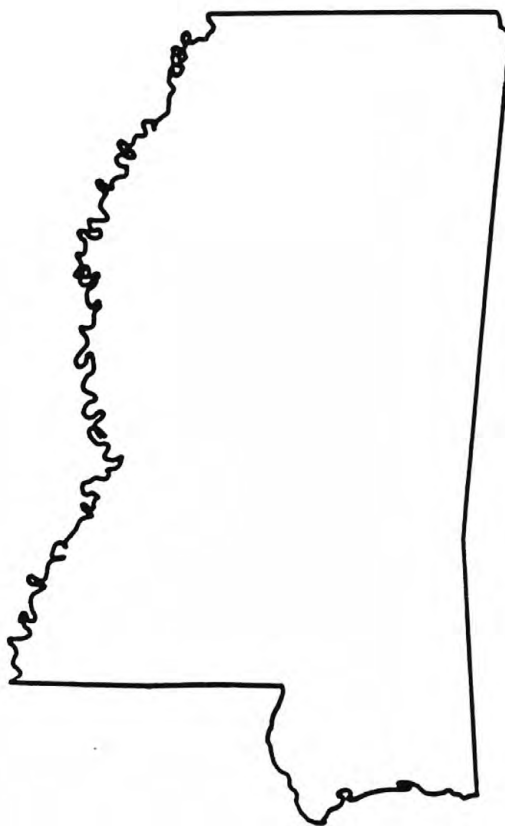
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Water Resources Data Mississippi Water Year 1987

by E.J. Tharpe, M.L. Plunkett, F. Morris III, and W.T. Oakley



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-87-1
Prepared in cooperation with the Mississippi Department of
Natural Resources and with other State, county, municipal,
and Federal agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For information on
the water program in Mississippi
write to:

District Chief, Water Resources Division
U.S. Geological Survey
100 W. Capitol Street, Suite 710
Jackson, Mississippi 39269

1988

PREFACE

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

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

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16. Abstract (Limit: 200 words) Water resources data for the 1987 water year for Mississippi consist of records of stage, discharge, and water quality of streams; stage, and water quality of lakes and reservoirs; and water levels and water quality of ground-water wells. This report contains records of water discharge at 78 gaging stations; stage records for 18 of these gaging stations; stage only at 5 gaging stations; water quality for 11 stations, 3 precipitation quality stations, and 120 wells; and water levels for 498 observation wells. Also included are peak-discharge data for 56 crest-stage partial-record stations, discharge data at 263 low-flow partial-record stations, and water quality data at 2 partial-record or miscellaneous sites. Locations of these sites are shown on Figures 4-6. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous measurements. 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 Mississippi.				
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WATER RESOURCES DATA - MISSISSIPPI, 1987

INTRODUCTION

The Water Resources Division for the U.S. Geological Survey, in cooperation with State agencies, obtains a large amount of data pertaining to the water resources of Mississippi each water year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, the data are published annually in this report series entitled "Water Resources Data - Mississippi."

This report includes records on both surface and ground water in the State. Specifically, it contains: (1) Discharge records for 78 streamflow-gaging stations, stage records for 18 of these gaging stations, stage only at 5 gaging stations, for 263 partial-record or miscellaneous streamflow stations, and for 56 crest-stage, partial-record streamflow stations; (2) water-quality records for 11 streamflow-gaging stations, for 2 ungaged streamsites, and for 120 wells; and (3) water-level records for 498 observation wells, and atmospheric precipitation-quality records for 3 stations. Records obtained from water-resources investigations are also included in special sections of the report. Records included for stream stages are only a small fraction of those obtained during the water year.

This series of annual reports for Mississippi began with the 1961 water year with a report that contained only data relating to the quantities of surface water. For the 1964 water year, a similar report was introduced that contained only data relating to water quality. Beginning with the 1975 water year, the report format was changed to present, in one volume, data on quantities of surface water, quality of surface and ground water, and ground-water levels.

Prior to introduction of this series and for several water years concurrent with it, water-resources data for Mississippi were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States, Parts 2B, 3B and 7". For the 1961 through 1970 water years, the data were published in two 5-year reports. Data on chemical quality, temperature, and suspended sediment for the 1941 through 1970 water years were published annually under the title "Quality of Surface Waters of the United States," and water levels for the 1935 through 1974 water years were published under the title "Ground-Water Levels in the United States." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from Distribution Branch, Text Products Section, U.S. Geological Survey, 604 South Pickett Street, Alexandria, VA 22304.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have 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 volume is identified as "U.S. Geological Survey Water-Data Report MS-87-1." For archiving and general distribution, the reports for 1971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or in microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the District Chief at the address given on back of title page or by telephone (601) 965-4600.

COOPERATION

The U.S. Geological Survey and agencies of the State of Mississippi have had cooperative agreements for the systematic collection of streamflow records since 1931, for ground-water levels since 1939, and for water-quality records since 1964, and for atmospheric precipitation-quality since 1982. In addition, data for water-resources investigations have been collected. Organizations that assisted in the collection of data through cooperation with the Survey are:

Mississippi Department of Natural Resources, James I. Palmer, Jr., Executive Director.
Bureau of Land and Water Resources, Charles T. Branch, Director.
Bureau of Pollution Control, Charles H. Chisolm, Director.
Bureau of Geology, Conrad A. Gazzier, Director.
Mississippi State Highway Department, Jonn R. Tabb, Director.
Pat Harrison Waterway District, Albert L. Gerrard, Jr., Executive Director.
Pearl River Basin Development District, Mike Davis, Executive Vice President.
Pearl River Valley Water Supply District, Earl Walker, Jr., President.
Harrison County Board of Supervisors, Hue B. Snowden, President.
Harrison County Development Commission, W.R. Allison, President.
Jackson County Board of Supervisors, Douglas R. Holden, President.
Jackson County Port Authority, Johnny S. Tillman, Port Director.
Gulf Regional Planning Commission, James A. Head, Jr. Executive Director.
City of Jackson, Dale Danks, Jr., Mayor.

Assistance with funds or services was provided by the U. S. Army Corps of Engineers and the Soil Conservation Service, in collecting records for 54 streamflow-gaging stations and 55 crest-stage gages, 17 surface-water quality sites and 11 ground-water quality sites published in this report.

The following organizations aided in collecting records: National Weather Service, NOAA, U.S. Department of Commerce, and the Soil Conservation Service, U.S. Department of Agriculture.

Organizations that provided data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Annual mean streamflow was normal or above normal in most streams in Mississippi during the 1987 water year. Comparisons of monthly mean and annual mean discharges in the 1987 water year with median values for the period 1951-80 were made for three representative gaging stations: Tombigbee River at Columbus Lock and Dam near Columbus, which drains northeastern Mississippi; Big Black River near Bovina, which drains central Mississippi; and Pascagoula River at Merrill, which drains southeastern Mississippi. The monthly mean discharges at these sites generally were above normal during the first 6 months and below normal during the last 6 months of the water year. No extreme floods or droughts occurred on any major stream during the 1987 water year.

Runoff of the Tombigbee River at Columbus Lock and Dam near Columbus was 18.80 inches for the water year, compared to the median annual runoff of 18.89 inches for the reference period 1951-1980. The monthly mean discharge at this site was 165 percent of normal in October and 642 percent of normal in November. Discharge was below normal in April, May, and August, when the monthly mean discharges were 26, 32, and 66 percent of the medians for the reference period. Monthly mean discharges for other months were within the normal range (± 25 percent of the median for the reference period).

Runoff of the Pascagoula River at Merrill was 27.19 inches for the water year, 140 percent of the median annual runoff for the reference period (19.37 inches). Discharge was above normal in the months of November through March. The monthly mean discharge was 420 percent of the median for the reference period in November, 342 percent in December, 268 percent in January, 149 percent in February, and 221 percent in March. Discharge was below normal in April, when the monthly mean discharge was 58 percent of the median for the reference period. Monthly mean discharges for other months were within the normal range.

Runoff of the Big Black River near Bovina was 21.18 inches for the water year, 132 percent of the median annual runoff for the reference period (16.04 inches). Discharge was above normal in October, November, March, and June, when the monthly mean discharges were 404; 1,240; 148; and 441 percent of the median monthly means, respectively, for the reference period. Discharge was below normal in April and September, when the monthly mean discharges were only 16 and 44 percent of the medians, respectively, for the reference period. Monthly mean discharges for other months were within the normal range.

Streamflow Quality

Concentrations of dissolved solids are low in water from most streams in Mississippi. Some streams, however, do receive municipal waste treatment effluent, industrial wastes, agricultural chemicals, and oil field brines. Stream pollution does occur locally in some areas but is not a major problem in most streams.

Concentrations of dissolved solids generally were less than 100 mg/L (milligrams per liter) in most streams in Mississippi during the 1987 water year, except for the Mississippi River where dissolved-solids concentrations ranged from 226 to 264 mg/L. Ranges of concentrations of dissolved solids in selected streams are given in the following table:

Dissolved-solids concentrations,
in milligrams per liter

	Minimum	Maximum
Pascagoula River near Benndale	32	120
Yazoo River at Redwood	59	163
Big Black River near Bovina	42	88
Homochitto River at Rosetta	45	69

The concentrations of dissolved solids in the Yazoo River in the western part of the State were slightly higher than those in streams in the other parts of the State. Specific conductance measurements made along the main stem of the Tombigbee River indicate that dissolved-solids concentrations generally decreased downstream from Amory to Columbus. The specific conductance of water in the Tombigbee River ranged from 123 to 160 uS/cm (microsiemens per centimeter at 25°C) at Amory and from 112 to 130 uS/cm downstream at Columbus Lock and Dam.

The suspended-sediment concentrations in streams in Mississippi ranged from less than 50 mg/L during periods of low flow to more than 500 mg/L during high flow. Concentrations of suspended sediment were lowest at the Pascagoula River station in the more heavily forested eastern part of the State. Ranges of suspended-sediment concentrations at sites on selected streams at selected stations are given in the following table.

	Suspended-sediment concentrations, in milligrams per liter	
	Minimum	Maximum
Pascagoula River near Benndale	15	212
Yazoo River at Redwood	62	155
Big Black River at Bovina	85	586
Homochitto River near Rosetta	13	544

Concentrations of dissolved oxygen in streams were generally greater than 5.0 mg/L and were lowest during the summer months when stream temperatures were highest and flow velocities lowest. Ranges of dissolved-oxygen concentrations at sites on selected streams are given in the following table.

	Dissolved-oxygen concentration, in milligrams per liter	
	Minimum	Maximum
Tombigbee River below Columbus Lock & Dam	6.2	7.8
Pascagoula River near Benndale	7.6	9.9
Yazoo River at Redwood	5.0	11.5
Big Black River near Bovina	5.8	9.9
Homochitto River at Rosetta	6.9	11.0

Determinations of pH at the index stations indicate that most streams were slightly acidic at times and that the pH generally was lowest in the southern part of the State. The pH of the water ranged from 6.8 to 7.6 standard units in the Yazoo River and from 7.3 to 8.5 units in the Tombigbee River. In the southern part of the State, the pH of the water in Wolf River near Landon and Pascagoula River near Benndale ranged from 6.6 to 7.2 units.

Ground-Water Levels

Ground-water levels in most artesian aquifers statewide continued long-term declines in the latter part of the 1987 water year following seasonal water-level recoveries during the early part of the year. Fluctuations of ground-water levels in representative observation wells are shown in the hydrographs in figure 1.

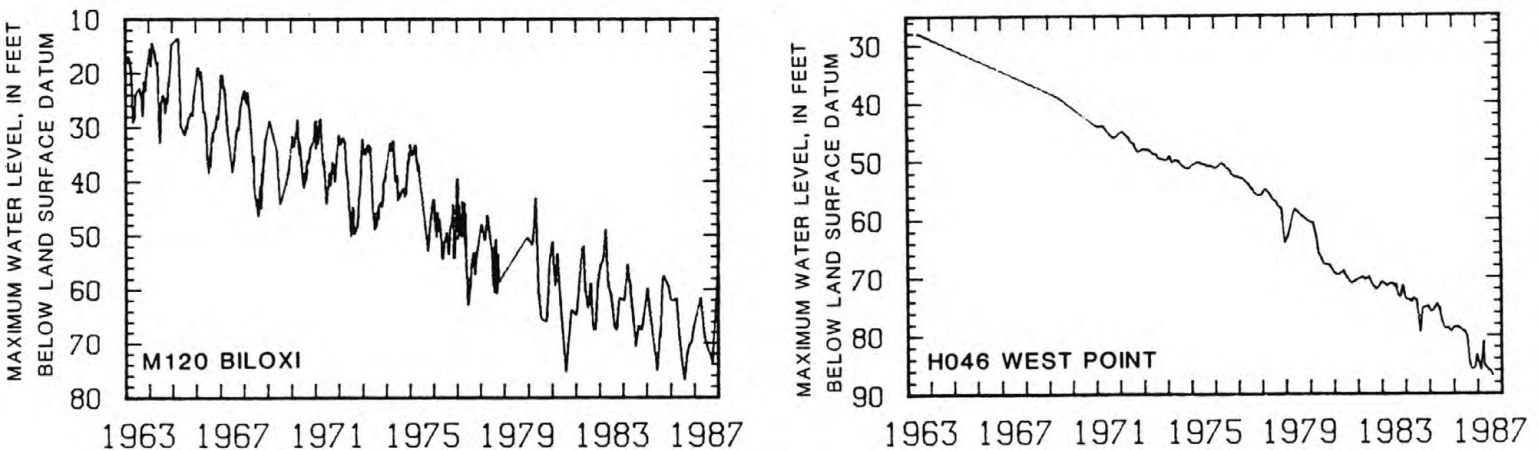


Figure 1.--Hydrographs of wells in the Gordo Formation at West Point and the Graham Ferry Formation at Biloxi.

In wells screened in the Miocene aquifers in southern Mississippi, water levels generally declined about 2 feet during the water year. In wells screened in the Graham Ferry Formation along the Gulf Coast, water levels generally declined 1 to 3 feet and established record low levels at a number of wells. Water-level declines in the shallow Citronelle aquifer in southern Mississippi were generally small.

In central Mississippi, water levels in the Cockfield Formation, Sparta Sand, and Meridian-upper Wilcox aquifers declined 1 to 3 feet in many areas. Record low water levels were measured in several Cockfield wells in the Jackson area. Water levels in smaller domestic wells screened in the Vicksburg Group, Forest Hill Sand, and Sparta Sand generally declined about 1 foot.

In northeastern Mississippi, water levels in the Eutaw-McShan aquifer and Tuscaloosa aquifer system in the heavily pumped Tupelo area declined more than 2 feet and established record low levels at a number of wells. Water levels in these aquifers generally declined less than 2 feet in other areas.

Water levels in the Sparta aquifer system, Winona-Tallahatta Formation, and lower Wilcox aquifers in northwestern Mississippi declined about 1 foot in most wells but exceeded that in some wells affected by pumping.

Water levels in the Mississippi River valley alluvial aquifer in northwestern Mississippi declined about 2 feet throughout much of the northern part of the area, commonly known as the Delta. In the central part of the Delta where irrigation and fish farming place large demands on ground water, water-level declines in the shallow alluvial aquifer exceeded 2 feet and record low-water levels were measured at some sites. Normal seasonal variations in water levels occurred in the southern part of the Delta.

Precipitation Quality

Chemical analysis of atmospheric precipitation at three sites in southern Mississippi indicate that the specific conductance of precipitation ranged from less than 5 uS/cm to as much as 80 uS/cm. The specific conductance of precipitation ranged from 6 to 80 uS/cm at the John C. Stennis Space Center near Bay St. Louis on the Mississippi Gulf Coast, from 6 to 55 uS/cm at the site near Janice in Perry County, and from 4 to 48 uS/cm at a site near Rosetta in Wilkinson County. The dissolved solids in the precipitation at both sites are those that are commonly found in the geohydrologic environment. Of the common constituents, sulfate generally was present in highest concentrations.

The pH of precipitation generally was less than 5.0 standard units at all sites. At the site near Bay St. Louis the pH of precipitation ranged from 3.85 to 5.15 units and had a median pH value of 4.60 units. Near Janice the pH ranged from 3.90 to 6.90 units and the median value was 4.55 units. The pH ranged from 4.00 to 6.20 units and the median value was 4.60 units at the Rosetta station.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Bench-Mark Network is a network of 57 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

National Stream-Quality Accounting Network (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in natural or regional water-quality planning and management. There are approximately 500 sites in NASQAN, which are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

The National Trends Network (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the variability, both in location and in time, of the composition of atmospheric deposition, which includes snow, rain, dust particles, aerosols, and gases. The core from which the NTN was built was the already existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

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 THE RECORDS

The surface-water and ground-water records published in this report are for the 1987 water year that began October 1, 1986, and ended September 30, 1987. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage and content data for lakes and reservoirs, water-quality data for surface and ground water, and ground-water-level data. The locations of the stations and wells where the data were collected are shown in figures 4, 5, and 6. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each data station, whether streamsite or well, in this report is assigned a unique identification number. The number usually is assigned when a station is first established and is retained for that station indefinitely. The systems used by the U.S. Geological Survey to assign identification numbers for surface-water stations and for ground-water well sites differ, but both are based on geographic location. The "downstream order" system is used for regular surface-water stations and the "latitude-longitude" system is used for wells.

Downstream Order System

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 mainstream station are listed before that station. A station on a tributary that enters between two mainstream 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 with respect to the stream to which it is immediately tributary is indicated by an indentation in the "List of Stations" in the front of this report. Each indentation represents one rank. This downstream order and system of indentation shows which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

The station-identification number is assigned according to downstream order. 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 eight-to-fourteen digit number for each station, such as 02429900, which appears just to the left of the station name, includes the two-digit Part number "02" plus the six-to-twelve digit downstream-order number "429900". In this report, the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. Records in this report are in Part 2 (South Atlantic slope and eastern Gulf of Mexico basins), Part 3 (Ohio River basin), and Part 7 (Lower Mississippi River basin). All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in that basin.

Latitude-Longitude System

The identification numbers for wells, miscellaneous surface-water quality sites, and precipitation quality sites are assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells or other sites within a 1-second grid. This site-identification number, once assigned, is a pure number and has no locational significance. In the rare instance where the initial determination of latitude and longitude are found to be in error, the station will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description. See figure 2 below.

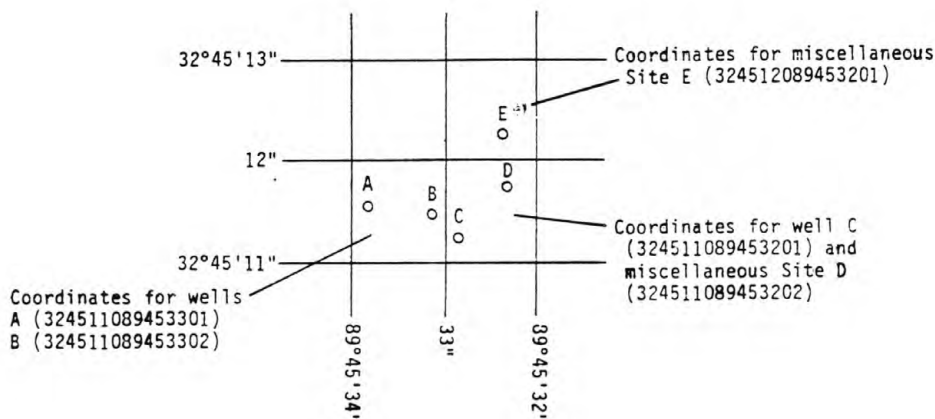


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

Records of Stage and Water Discharge

Records of stage and water discharge may be complete or partial. Complete records of discharge are those obtained using a continuous stage-recording device through which either instantaneous or mean daily discharges may be computed for any time, or any period of time, during the period of record. Complete records of lake or reservoir content, similarly, are those for which stage or content may be computed or estimated with reasonable accuracy for any time, or period of time. They may be obtained using a continuous stage-recording device, but need not be. Because daily mean discharges and end-of-day contents commonly are published for such stations, they are referred to as "daily stations."

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device, and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous discharge measurements or of measurements from special studies, such as low-flow seepage studies, may be considered as partial records, but they are presented separately in this report. Location of all complete-record and crest-stage partial-record stations for which data are given in this report are shown in figures 3 and 4.

Data Collection and Computation

The data obtained at a complete-record gaging station on a stream or canal consist of a continuous record of stage, individual measurements of discharge throughout a range of stages, and notations regarding factors that may affect the relationships between stage and discharge. These data, together with supplemental information, such as weather records, are used to compute daily discharges. The data obtained at a complete-record gaging station on a lake or reservoir consist of a record of stage and of notations regarding factors that may affect the relationship between stage and lake content. These data are used with stage-area and stage-capacity curves or tables to compute water-surface areas and lake storage.

Continuous records of stage are obtained with analog recorders that trace continuous graphs of stage or with digital recorders that punch stage values on paper tapes at selected time intervals. Measurements of discharge are made with current meters using methods adopted by the Geological Survey as a result of experience accumulated since 1880. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water-Resources Investigations, Book 3, Chapter A6.

In computing discharge records, results of individual measurements are plotted against the corresponding stages, and stage-discharge relation curves are then constructed. From these curves, rating tables indicating the approximate discharge for any stage within the range of the measurements are prepared. If it is necessary to define extremes of discharge outside the range of the current-meter measurements, the curves are extended using: (1) logarithmic plotting; (2) velocity-area studies; (3) results of indirect measurements of peak discharge, such as slope area or contracted-opening measurements, and computations of flow over dams or weirs; or (4) step-backwater techniques.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. 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 determined by the shifting-control method, in which correction factors based on the individual discharge measurements and notes of the personnel making the measurements are applied to the gage heights before the discharges are determined from the curves or tables. This shifting-control method also is used if the stage-discharge relation is changed temporarily because of aquatic growth or debris on the control. For some stations, formation of ice in the winter may so obscure the stage-discharge relations that daily mean discharges must be estimated from other information such as temperature and precipitation records, notes of observations, and records for other stations in the same or nearby basins for comparable periods.

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.

In computing records of lake or reservoir contents, it is necessary to have available from surveys, curves or tables defining the relationship of stage and content. The application of stage to the stage-content curves or tables gives the contents from which daily, monthly, or yearly changes then are determined. If the stage-content relationship changes because of deposition of sediment in a lake or reservoir, periodic resurveys may be necessary to redefine the relationship. Even when this is done, the contents computed may become increasingly in error as the lapsed time since the last survey increases. Discharges over lake or reservoir spillways are computed from stage-discharge relationships much as other stream discharges are computed.

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, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated from the recorded range in stage, previous or following record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise, daily contents may be estimated from operator's logs, previous or following record, inflow-outflow studies, and other information. Information explaining how estimated daily-discharge values are identified in station records is included in the next two sections, "Data Presentation" (REMARKS paragraph) and "Identifying Estimated Daily Discharge."

Data Presentation

The records published for each gaging station consist of two parts, the manuscript or station description and the data table for the current water year. The manuscript provides, under various headings, descriptive information, such as station location; period of record; discharge; historical extremes; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments to follow clarify information presented under the various headings of the station description.

LOCATION.--Information on locations is obtained from the most accurate maps available. The location of the gage with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.--Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.--This indicates the period for which there are published records for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that records from it can reasonably be considered equivalent with records from the present station.

REVISED RECORDS.--Published records, because of new information, occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted 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 most recently revised figure was first published is given.

GAGE.--The type of gage in current use, the datum of the current gage referred to National Geodetic Vertical Datum of 1929 (see definition of terms), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily-discharge record will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily-discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a remarks statement is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph is also used to present information relative to the accuracy of the records, to special methods of computation, to conditions that affect natural flow at the station and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

COOPERATION.--Records provided by a cooperating organization or obtained for the U.S. Geological Survey by a cooperating organization are identified here.

AVERAGE DISCHARGE.--The discharge value given is the arithmetic mean of the water-year mean discharges. It is computed only for stations having at least 5 water years of complete record, and only water years of complete record are included in the computation. It is not computed for stations where diversions, storage, or other water-use practices cause the value to be meaningless. If water developments significantly altering flow at a station are put into use after the station has been in operation for a period of years, a new average is computed as soon as 5 water years of record have accumulated following the development. The median of yearly mean discharges also is given under this heading for stations having 10 or more water years of record if the median differs from the average given by more than 10 percent.

EXTREMES FOR PERIOD OF RECORD.--Extremes may include maximum and minimum stages and maximum and minimum discharges or content. Unless otherwise qualified, the maximum discharge or content is the instantaneous maximum corresponding to the highest stage that occurred. The highest stage may have been obtained from a graphic or digital recorder, a crest-stage gage, or by direct observation of a nonrecording gage. If the maximum stage did not occur on the same day as the maximum discharge or content, it is given separately. Similarly, the minimum is the instantaneous minimum discharge, unless otherwise qualified, and was determined and is reported in the same manner as the maximum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S. Geological Survey.

EXTREMES FOR CURRENT YEAR.--Extremes given here are similar to those for the period of record, except the peak discharge listing may include secondary peaks. For stations meeting certain criteria, all peak discharges and stages occurring during the water year and equal to or greater than a selected base discharge are presented under this heading. The peaks equal to or greater than the base discharge, excluding the highest one, are referred to as secondary peaks. Peak discharges are not published for canals, ditches, drains, or streams for which the peaks are subject to substantial control by man. The time of occurrence for peaks is expressed in 24-hour local standard time. For example, 12:30 a.m. is 0030, and 1:30 p.m. is 1330. The minimum for the current water year appears below the table of peak data.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations, there would be no current or, possibly, future station manuscript published to document the revision in a "Revised Records" entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the offices whose addresses are given on the back of the title page of this report to determine if the published records were ever revised after the station was discontinued. Of course, if the data were obtained by computer retrieval, the data would be current and there would be no need to check because any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the "Remarks" and in the inclusion of a skeleton stage-capacity table when daily contents are given.

The daily table for stream-gaging stations gives 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 is usually expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN."), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion or if the drainage area includes large noncontributing areas. In the yearly summary below the monthly summary, the figures shown are the appropriate discharges for the calendar and water years. At some stations monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversions or reservoir contents are given. These figures are identified by a symbol and corresponding footnote.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements generally are made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified either by flagging individual daily values with the letter symbol "e" and printing a table footnote, "e Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of the Records

The accuracy of streamflow records 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 measurements of stage, measurements of discharge, and interpretation of records.

The accuracy attributed to the records is indicated under "REMARKS." "Excellent" means that about 95 percent of the daily discharges are within 5 percent of their true values; "good," within 10 percent; and "fair," within 15 percent. Records that do not meet the criteria mentioned are rated "poor." Different accuracies may be attributed to different parts of a given record.

Daily mean discharges in this report are given to the nearest hundredth of a cubic foot per second for values less than 1 ft³/s; to the nearest tenth between 1.0 and 10 ft³/s; to whole numbers between 10 and 1,000 ft³/s; and to 3 significant figures for more than 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharges listed for partial-record stations and miscellaneous sites.

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 Records Available

Information used in the preparation of the records in this publication, such as discharge-measurement notes, gage-height records, temperature measurements, and rating tables is on file in the District Office of the Mississippi District. Also, most of the daily mean discharges are in computer-readable form and have been analyzed statistically. Information on the availability of the unpublished information or on the results of statistical analyses of the published records may be obtained from the offices whose addresses are given on the back of the title page of this report.

Records of Surface-Water Quality

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A continuing-record station is a site where data are collected on a regularly scheduled basis. Frequency may be once or more times daily, weekly, monthly, or quarterly. A partial-record station is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A miscellaneous sampling site is a location other than a continuing or partial-record station where random samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between "continuing records", as used in this report, and "continuous recordings," which refers to a continuous graph or a series of discrete values punched at short intervals on a paper tape. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently. Locations of stations for which records on the quality of surface water appear in this report are shown in figures 4.

Arrangement of Records

Water-quality records collected at a surface-water daily record station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and miscellaneous sites and for short-term studies appear in separate tables following the table of discharge measurements at miscellaneous sites.

On-site Measurements and Sample Collection

In obtaining water-quality data, a major concern needs to be assuring that the data obtained represent the in situ quality of the water. To assure this, certain measurements, such as water temperature, pH, and dissolved oxygen, need to be made onsite when the samples are taken. To assure that measurements made in the laboratory also represent the in situ water, carefully prescribed procedures need to be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in publications on "Techniques of Water-Resources Investigations," Book 1, Chap. D2; Book 3, Chap. C2; Book 5, Chap. A1, A3, and A4. All of these references are listed under "PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS" which appears at the end of the introductory text. Detailed information on collecting, treating, and shipping samples may be obtained from the District Office of the Mississippi District.

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. All samples obtained for the National Stream Quality Accounting Network (see special networks and programs) are obtained from at least several verticals. Whether samples are obtained from the centroid of flow or from several verticals depends on flow conditions and other factors which must be evaluated by the collector.

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 except pH (maximum and minimum only), 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 of the Mississippi District whose address is given on the back of the title page of this report.

Water Temperature

Water temperatures are measured at most of the water-quality 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 diurnal 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, either mean temperatures or maximum and minimum 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.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

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 and in predicting long-term sediment-discharge characteristics of the stream.

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

Laboratory Measurements

Sediment samples, samples for biochemical-oxygen demand (BOD), samples for indicator bacteria, and daily samples for specific conductance are analyzed locally. All other samples are analyzed in the Geological Survey laboratory in Arvada, Colorado. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chap. C1. Methods used by the Geological Survey laboratory are given in TWRI, Book 1, Chap. D2; Book 3, Chap. C2; Book 5, Chap. A1, A3, and A4.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily, are presented first. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information, as appropriate, is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.--See Data Presentation under "Records of Stage and Water Discharge;" same comments apply.

DRAINAGE AREA.--See Data Presentation under "Records of Stage and Water Discharge;" same comments apply.

PERIOD OF RECORD.--This indicates the periods for which there are published water-quality records for the station. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.--Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

REMARKS.--Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.--Records provided by a cooperating organization or obtained for the Geological Survey by a cooperating organization are identified here.

EXTREMES.--Maximums and minimums are given only for parameters measured daily or more frequently. None are given for parameters measured weekly or less frequently, because the true maximums or minimums may not have been sampled. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to insure the most recent updates.

The surface-water-quality records for partial-record stations and miscellaneous sites and short-term studies are published in separate tables following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Numerical codes have been assigned for agencies collecting and/or analyzing samples. A numerical code will not be given in a water-quality table when the collecting and analyzing agency is the U.S. Geological Survey. The agency codes that may be given in this report are as follows:

810 Corps of Engineers, U.S. Army	28002 Mississippi Bureau of Geology
1028 U.S. Geological Survey	66666 Driller
1053 National Park Service	80020 U.S. Geological Survey, National Water-
9728 Mississippi State Board of Health	Quality Laboratory, Denver, Colorado
28001 Mississippi Bureau of Pollution Control	
99001 Private Contractor	

Numerical codes have been assigned to describe the source of the sample and the conditions under which it was collected. A numerical code will not be given in a water-quality table except to describe unusual conditions. The codes that may be given in this report are as follows:

Sample Source	Sampling Condition
1 Well Head	0.1 Being pumped
5 Flow Line	0.11 Pumped recently
9 Production Test	0.12 Nearby Site Tapping
26 Pump	same aquifer being pumped
27 Tap near Well	4 Flowing
28 Tap away from Well	8 Pumping
30 Pressure Tank	10 Open Hole
31 Discharge Pipe	15 Bailing
33 Bailer	26 Production and development test
48 Multiple Deposition	27 Production by unknown method
1001 Wet Deposition	30 Seeping
1003 Landfill	
1004 Cast Overburden	
1006 Landfill Seep	

Codes have been assigned to qualify each determined value, if necessary. The remark codes that may be given in this report are as follows:

PRINTED OUTPUT	REMARK
E	Estimated value
>	Actual value is known to be greater than the value shown
<	Actual value is known to be less than the value shown
K	Results based on colony count outside the acceptance range (non-ideal colony count)
L	Biological organism count less than 0.5 percent (organism may be observed rather than counted)
D	Biological organism count equal to or greater than 15 percent (dominant)
&	Biological organism estimated as dominant

Records of Ground-Water Levels

Water-level data are intended to provide a sampling and historical record of water-level changes in the Nation's most important aquifers. Locations of the observation wells in Mississippi are shown in figure 5.

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used at each observation well ensure that measurements at each well are of consistent accuracy and reliability.

Tables of water-level data are presented by counties arranged in alphabetical order. The prime identification number for a given well is the 15-digit number that appears in the upper left corner of the table. The secondary identification number is the local well number, an alphanumeric number, derived from the township-range location of the well.

Water-level records are obtained from direct measurements with a steel tape or from the graph or punched tape of a water-stage recorder. The water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum 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 of 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. Accordingly, most measurements are reported to a hundredth of a foot, but some are given to a tenth of a foot or a larger unit.

Data Presentation

Each well record consists of two parts, the station description and the data table of water levels observed during the water year. The description of the well is presented first through use of descriptive headings preceding the tabular data. The comments to follow clarify information presented under the various headings.

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds); a landline location designation; the hydrologic-unit number; the distance and direction from a geographic point of reference; and the owner's name.

AQUIFER.--This entry designates by name (if a name exists) and geologic age the aquifer(s) open to the well.

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, diameter, casing depth and/or screened interval, method of construction, use, and additional information such as casing breaks, collapsed screen, and other changes since construction.

INSTRUMENTATION.--This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on weekly, monthly, or some other frequency of measurement.

DATUM.--This entry describes both the measuring point and the land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) National Geodetic Vertical Datum of 1929 (NGVD of 1929); it is reported with a precision depending on the method of determination.

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It should identify wells that also are water-quality observation wells, and may be used to acknowledge the assistance of local (non-Survey) observers.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It reports the month and year of the start of publication of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, may be noted.

EXTREMES FOR PERIOD OF RECORD.--This entry contains the highest and lowest water levels of the period of published record, with respect to land-surface datum, and the dates of their occurrence.

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum and all taped measurements of water level are listed. For wells equipped with recorders, only abbreviated tables are published; generally, only water-level lows are listed for every fifth day and at the end of the month (eom). The highest and lowest water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with recorders, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of the water level.

Records of Ground-Water Quality

Records of ground-water quality in this report differ from other types of records in that, for most sampling sites, they consist of only one set of measurements for the water year. The quality of ground water ordinarily changes only slowly; therefore, for most general purposes, one annual sampling, or only a few samples taken at infrequent intervals during the year, is sufficient. Frequent measurement of the same constituents is not necessary unless one is concerned with a particular problem, such as monitoring for trends in nitrate concentration. In the special cases where the quality of ground water may change more rapidly, more frequent measurements are made to identify the nature of the changes.

Data Collection and Computation

The records of ground-water quality in this report were obtained mostly as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some counties but none are presented for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality Statewide. Such a view can be attained only by considering records for this year in context with similar records obtained for these and other counties in earlier years.

Most methods for collecting and analyzing water samples are described in the "U.S. Geological Survey Techniques of Water-Resources Investigations" manuals listed at the end of the introductory text. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. All samples were obtained by trained personnel. The wells sampled were pumped long enough to assure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Data Presentation

The records of ground-water quality are published in a section titled QUALITY OF GROUND WATER immediately following the ground-water-level records. Data for quality of ground water are listed alphabetically by County and are identified by well number. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. No descriptive statements are given for ground-water-quality records; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water. The REMARK codes listed for surface-water-quality records are also applicable to ground-water-quality records.

ACCESS TO WATSTORE DATA

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

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from the offices whose addresses are given on the back of the title page.

General inquiries about WATSTORE may be directed to:

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

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 325,000 gallons, or 1,233 cubic meters.

Adenosine triphosphate (ATP) is an organic, phosphate-rich, compound important in the transfer of energy in organisms. Its central role in living cells makes it an excellent indicator of the presence of living material in water. A measure of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter of the original water sample.

Algae are mostly aquatic single-celled, colonial, or multicelled plants, containing chlorophyll and lacking roots, stems, and leaves.

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample.

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.

Fecal coliform bacteria are bacteria that are present in the intestine 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 organisms which produce blue colonies within 24 hours when incubated at $44.5^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$ 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 the intestine 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 $35^{\circ}\text{C} \pm 1.0^{\circ}\text{C}$ on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C . In the laboratory these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at $35^{\circ}\text{C} \pm 1.0^{\circ}\text{C}$ on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Base flow is fair-weather flow sustained by ground-water discharge.

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, used 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 of 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 105°C for zooplankton and periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass.

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

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

Bottom material: See Bed material.

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

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 green 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 saltwater.

Cubic feet per second (ft³/s)¹ is the rate of discharge representing the volume of cubic feet passing a given point during 1 second. One cubic foot passing a given point during 1 second is equivalent to 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic feet per second-day (ft³/d) is the volume of water represented by a discharge of cubic feet per second for 24 hours. One cubic foot per second for 24 hours is equivalent to 86,400 cubic feet, 1.9835 acre-feet, about 646,000 gallons, or 2,445 cubic meters.

Cubic feet per second per square mile [ft³/s)/mi²]¹ 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.

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.

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

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

Dissolved is that material in a representative water sample which passes through a 0.45 µm membrane filter. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Dissolved oxygen (DO) The dissolved oxygen content of water in equilibrium with air is a function of atmospheric pressure, and temperature and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved solids, with small temperature changes having the more significant effect. Photosynthesis and respiration may cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Dissolved-solids concentration of water is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination of dissolved solids, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. Therefore, in the mathematical calculation of dissolved-solids concentration, the bicarbonate value, in milligrams per liter, is multiplied by 0.492 to reflect the change.

¹Until appropriate changes can be made to the WATSTORE and PRIME computer systems, the unit abbreviations "CFS" and "CFSM" will appear in some computer-generated table headings and summaries.

Drainage area of a stream at a specified 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 stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing 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 gage height or discharge 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 computed as the sum of equivalents of polyvalent cations and is expressed as equivalent calcium carbonate (CaCO_3).

Hydrologic Bench-Mark Network is a network of 57 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

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 eight-digit number.

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Measuring point (MP) is an arbitrary permanent reference point from which the distance to the water surface in a well is measured to obtain the water level.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Methylene blue active substances (MBAS) are apparent detergents. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram ($\mu\text{g/g}$) is a unit expressing the concentration of a chemical constituent the mass (micrograms) of the element per unit mass (gram) of material analyzed.

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

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

National Geodetic Vertical Datum of 1929 (NGVD of 1929¹) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

¹The phrase "NGVD of 1929" is abbreviated as "NGVD" in some computer-generated table headings in this report.

National Stream Quality Accounting Network (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in natural or regional water-quality planning and management. There are approximately 500 sites in NASQAN, which are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes of trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

The National Trends Network (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the variability, both in location and in time, of the composition of atmospheric deposition, which includes snow, rain, dust particles, aerosols, and gases. The core from which the NTN was built was the already-existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

Organism is any living entity.

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per unit area habitat, usually square meter (m²), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

Total organism count is the total number of organisms collected and enumerated in any particular sample.

Parameter Code is a 5-digit number used in the U.S. Geological Survey computerized data system, WATSTORE, to uniquely identify a specific constituent. The codes used in WATSTORE are the same as those used in the U.S. Environmental Protection Agency data system, STORET. The Environmental Protection Agency assigns and approves all requests for new codes.

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), a particle 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:

<u>Classification</u>	<u>Size (mm)</u>	<u>Method of analyses</u>
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.

Percent composition is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, mass, or volume.

Periphyton is the assemblage of microorganisms attached to the living upon submerged solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

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 of 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.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample.

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

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photosynthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated by the plants (carbon method).

Milligrams of carbon per area or volume per unit time [$\text{mg C}/(\text{m}^2 \cdot \text{time})$] for periphyton and macrophytes and [$\text{mg C}/(\text{m}^3 \cdot \text{time})$] for phytoplankton are the units for expressing primary productivity. They define the amount of carbon dioxide consumed as measured by radioactive carbon (carbon 14). The carbon 14 method is of greater sensitivity than the oxygen light and dark bottle method, and is preferred for use in unenriched waters. Unit time may be either the hour or day, depending on the incubation period.

Milligrams of oxygen per area or volume per unit time [$\text{mg O}_2/(\text{m}^2 \cdot \text{time})$] for periphyton and macrophytes and [$\text{mg O}_2/\text{m}^3 \cdot \text{time}$] for phytoplankton are the units for expressing primary productivity. They define production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light and dark bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

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.

Radioisotopes are isotopic forms of an element that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight, but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus. For example: Ordinary chlorine is a mixture of isotopes having atomic weights of 35 and 37, and the natural mixture has an atomic weight of about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron. There are 275 isotopes of the 81 stable elements, in addition to more than 800 radioactive isotopes.

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

Return period is the average time interval between occurrences of a hydrological event of a given or greater magnitude, usually expressed in years. May also be called recurrence interval.

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.

Bed load is the sediment that is transported in a stream by rolling, sliding, or skipping along the bed and very close to it. In this report, bed load is considered to consist of particles in transit within 0.25 ft of the streambed.

Bed-load discharge (tons per day) is the quantity of bed load measured by dry weight that moves past a section as bed load in a given time.

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).

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

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 calculated in units of tons per day as follows: concentration (mg/L) X discharge (ft³/s) X 0.0027.

Suspended-sediment load is a general term that refers to material in suspension. It is not synonymous with either discharge or concentration.

Total-sediment discharge (tons/day) is the rate at which dry mass of sediment passes a section of a stream or is the quantity of sediment, as measured by dry mass or volume, that passes a section during a given time.

Total-sediment load or total load is a term which refers to the total sediment (bed load plus suspended-sediment load) that is in transport. It is not synonymous with total-sediment discharge.

7-day 10-year low flow (7 Q₁₀) is the discharge at the 10-year recurrence interval taken from a frequency curve of annual values of the lowest mean discharge for 7 consecutive days (the 7-day low flow).

Sodium adsorption ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Waters range in respect to sodium hazard from those which can be used for irrigation on almost all soils to those which are generally unsatisfactory for irrigation.

Solute is any substance that is dissolved in water.

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

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 multiplate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton.

Natural substrate refers to any naturally occurring emerged or submersed solid surface, such as a rock or tree, upon which an organism lives.

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.

Surficial bed material is that part (0.1 to 0.2 ft) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is associated with the material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 um membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

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

Determinations of "suspended, total" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, Hexagenia limbata, is the following:

Kingdom.....	Animal
Phylum.....	Arthropoda
Class.....	Insects
Order.....	Ephemeroptera
Family.....	Ephemeridae
Genus.....	<u>Hexagenia</u>
<u>Species</u>	<u>Hexagenia limbata</u>

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term "temperature recorder" is used in the table headings and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

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 (T/DAY) is the quantity of substance in solution or suspension that passes a stream section during a 24-hour day.

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

Total discharge is the total quantity of any individual constituent, as measured by dry mass or volume, that passes through a stream cross-section per unit of time. This term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total, in bottom material, is the total amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined.

Total, recoverable, is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses, because different digestion procedures are likely to produce different analytical results.

Turbidity of water is the reduction of transparency due to the presence of suspended particulate matter. The unit of measure is the nephelometric turbidity unit (NTU) and is a measure of light scatter of a beam of light passed through a sample of water.

Water year in Geological Survey reports dealing with surface-water supply is the 12-month period, October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1985, is called the "1985 water year."

WDR is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual Hydrologic-data reports (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976).

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

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.

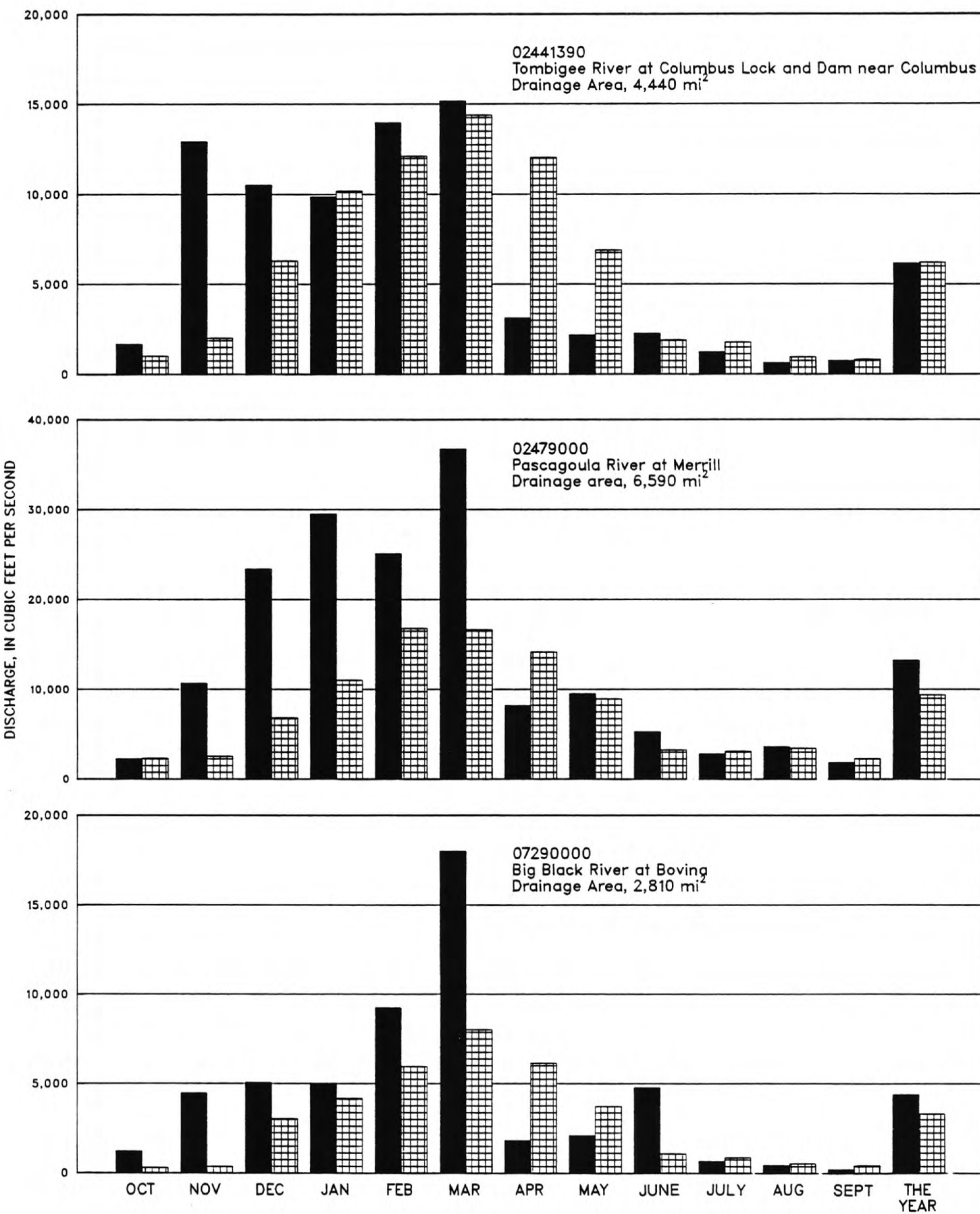
WSP is used as an abbreviation for "Water-Supply Paper" in reference to previously published reports.

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

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

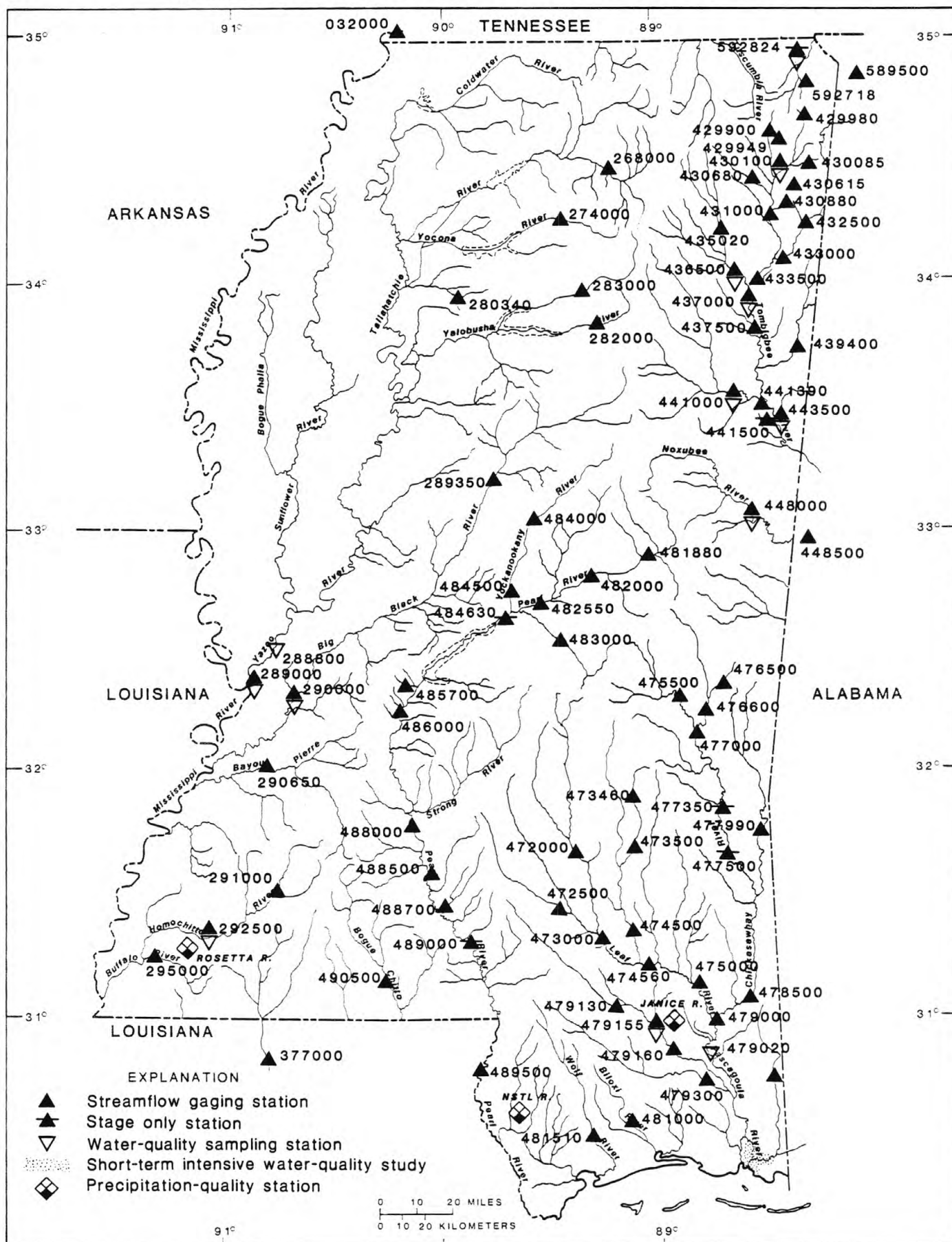
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- 1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
- 3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.
- 3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.
- 3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.
- 3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 Pages.
- 3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages.
- 3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.
- 3-A7. *Stage measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.
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- 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.
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- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.
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- 3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages.
- 3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.

- 3-C1. *Fluvial sediment concepts* by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*. by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
- 4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.
- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
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- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments* by M. W. Skougstad and others, editors: USGS--TWRI Book 5, Chapter A1. 1979. 626 pages.
- 5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.
- 5-A3. *Methods for analysis of organic substances in water*, by D. F. Goerlitz and Eugene Brown: USGS--TWRI Book 5, Chapter A3. 1972. 40 pages.
- 5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS--TWRI Book 5, Chapter A4. 1977. 332 pages.
- 5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L. L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.
- 5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.
- 5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.
- 7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments*, by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.
- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels* by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers* by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.



■ Monthly and yearly mean discharge during 1987 water year.

▤ Median of monthly and yearly mean discharge for period 1951-80.



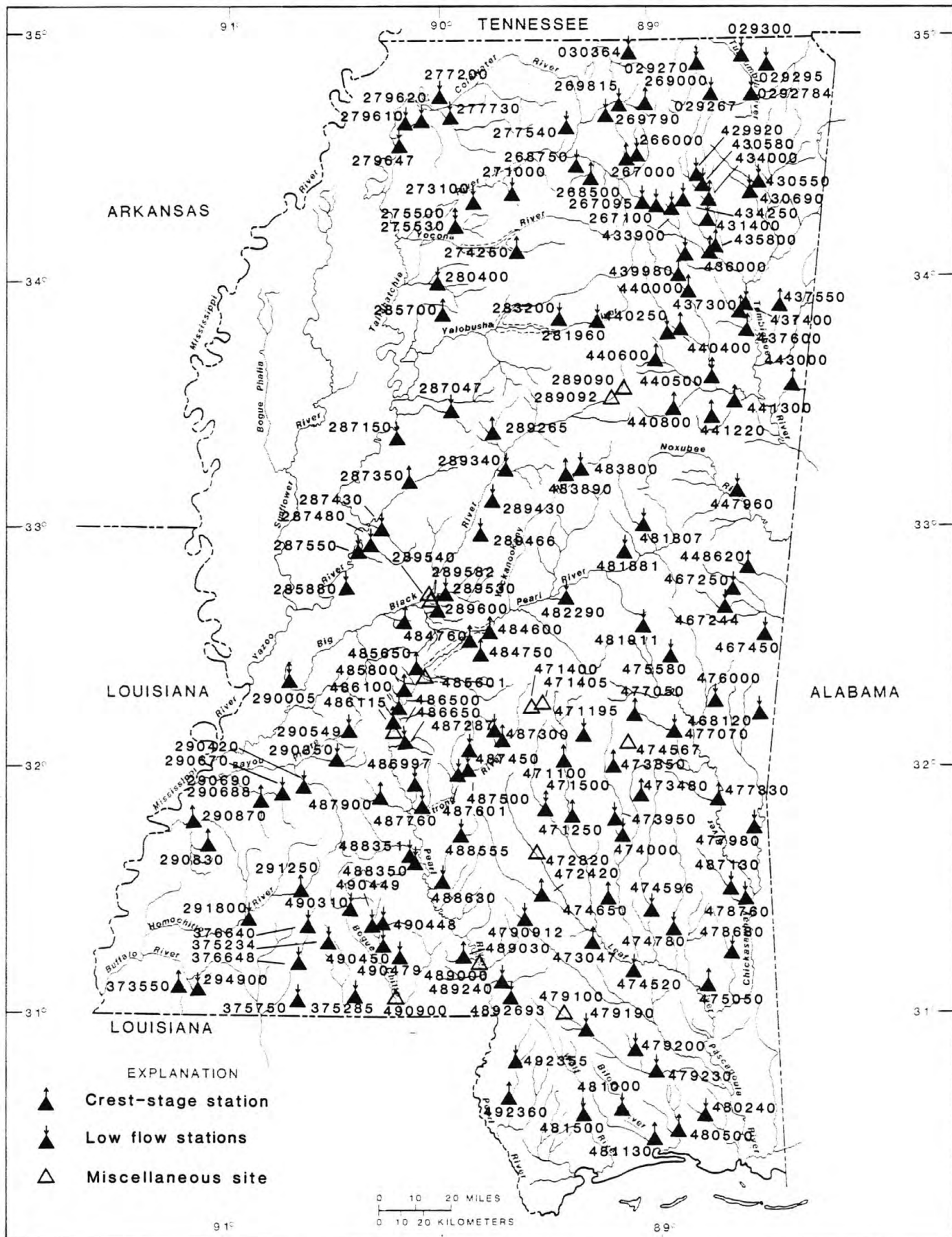


Figure 5.--Partial-record and miscellaneous sites.

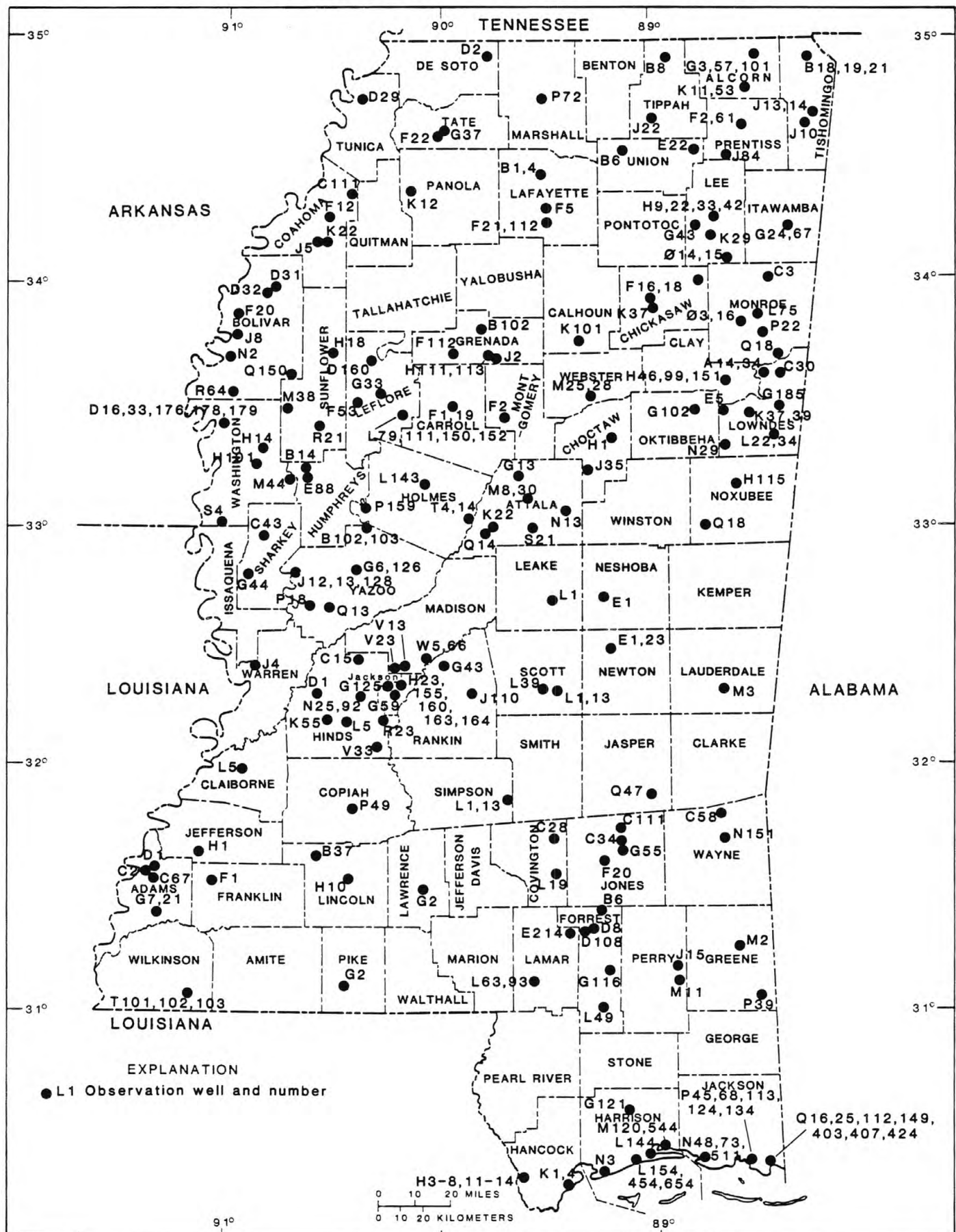


Figure 6.--Location of observation wells in Mississippi.

HYDROLOGIC-DATA STATION RECORDS

29

EASTERN GULF OF MEXICO BASINS

MOBILE RIVER BASIN

02429900 BIG BROWN CREEK NEAR BOONEVILLE, MS

LOCATION.--Lat 34°37'07", long 88°26'42", SW¼NE¼ sec.27, T.5 S., R.8 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on left bank, near downstream side of bridge on county highway, 0.4 mi downstream from State Highway 30, 2.0 mi upstream from Martin Creek, 7.3 mi east of Booneville, and 13.7 mi upstream from mouth.

DRAINAGE AREA.--27.1 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1952-56, 1958-60, 1972; annual maximum stages, water years 1951-60, and annual maximum discharge, water years 1961-73. June 1973 to current year.

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 326.56 ft above National Geodetic Vertical Datum of 1929 (levels by Tennessee Valley Authority). Prior to June 1973, crest-stage gage at site 0.4 mi upstream at different datum.

REMARKS.--Estimated daily discharges: Oct. 1 to Nov. 19, Dec. 22 to Jan. 8, July 16 to Sept 30. Records fair, except estimated periods, which are poor. U.S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--14 years, 47.8 ft³/s, 23.98 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,900 ft³/s, Apr. 17, 1970, gage height, 99.97 ft, site and datum then in use; minimum daily, 0.13 ft³/s, Aug. 5, 1987.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 8	2330	*1,840	*18.30	No other peak greater than base discharge.			

Minimum daily discharge, 0.13 ft³/s, Aug. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.0	1.5	39	27	30	245	33	13	9.0	1.3	.16	.25
2	3.6	2.5	36	26	55	127	32	13	7.0	1.5	.16	.23
3	1.3	1.8	30	25	36	94	35	18	5.4	2.8	.15	.22
4	.92	1.7	26	24	31	75	30	14	4.7	2.8	.14	.21
5	.86	1.6	24	23	29	67	29	12	3.4	2.8	.13	.20
6	.82	1.5	24	23	29	59	28	11	2.7	1.7	6.2	.19
7	1.0	20	24	22	28	54	27	11	2.5	1.2	2.0	.18
8	.92	144	626	21	27	68	26	9.1	2.7	1.2	1.0	.17
9	.84	560	1350	32	24	59	25	7.3	2.8	2.1	.45	.50
10	1.1	60	249	37	24	46	24	7.5	2.5	2.6	.35	.30
11	.94	24	118	29	24	42	30	13	2.7	1.8	5.0	.15
12	.82	18	79	28	25	39	32	19	2.6	1.5	14	60
13	.70	14	59	28	23	38	29	13	5.1	1.2	5.0	10
14	.60	12	51	28	25	37	108	20	5.0	1.2	2.1	1.0
15	.54	11	47	30	38	35	46	37	7.7	.98	.80	.80
16	.48	9.4	42	28	159	38	38	19	13	.76	.40	.60
17	.45	8.8	44	27	60	33	34	22	7.2	.64	.35	.45
18	.44	8.6	40	125	43	98	30	14	6.5	.56	.30	.30
19	.43	23	35	95	37	92	27	12	4.4	.48	1.3	2.0
20	.42	60	32	44	45	51	25	9.3	5.9	.43	.60	7.0
21	.41	30	29	38	49	45	24	8.0	5.0	.37	.40	4.0
22	2.0	23	28	35	163	40	22	17	9.4	.33	.35	.80
23	14	219	230	30	103	37	22	24	6.5	.36	.26	.50
24	33	247	90	30	63	74	20	50	6.5	.28	.22	.40
25	30	229	56	111	50	46	19	40	3.6	.25	.20	.35
26	5.0	372	44	59	328	40	18	53	2.3	.23	.25	.34
27	2.4	78	38	42	594	37	17	21	1.7	.22	.18	.32
28	1.9	53	34	39	756	34	17	15	1.4	.21	1.5	.30
29	1.7	42	32	38	---	32	16	12	1.1	.19	.90	.29
30	1.6	40	30	34	---	44	15	12	.82	.18	.40	.50
31	1.6	---	28	29	---	39	---	12	---	.17	.30	---
TOTAL	111.79	2316.4	3614	1207	2898	1865	878	558.2	141.12	32.34	45.55	92.55
MEAN	3.61	77.2	117	38.9	104	60.2	29.3	18.0	4.70	1.04	1.47	3.09
MAX	33	560	1350	125	756	245	108	53	13	2.8	14	60
MIN	.41	1.5	24	21	23	32	15	7.3	.82	.17	.13	.15
CFSM	.13	2.85	4.32	1.44	3.84	2.22	1.08	.66	.17	.04	.05	.11
IN.	.15	3.18	4.96	1.66	3.98	2.56	1.21	.77	.19	.04	.06	.13

CAL YR 1986	TOTAL	10794.45	MEAN	29.6	MAX	1350	MIN	.41	CFSM	1.09	IN	14.82
WTR YR 1987	TOTAL	13759.95	MEAN	37.7	MAX	1350	MIN	.13	CFSM	1.39	IN	18.89

MOBILE RIVER BASIN

02429949 LITTLE BROWN CREEK NEAR NEW SITE, MS

LOCATION.--Lat 34°32'14", long 88°24'02", in NW¼ sec.30, T.6 S., R.9 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on right bank at downstream side of bridge on State Highway 4, 1.8 mi southwest of New Site, and 5.2 mi upstream from West Canal Little Brown Creek. Records include flow in West Canal Little Brown Creek.

DRAINAGE AREA.--42.2 mi² combined drainage area of all channels.

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

REVISED RECORDS.--WDR MS-84-1: 1983.

GAGE.--Water-stage recorder. Datum of gage on main channel is 312.64 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Supplementary water-stage recorder on West Canal Little Brown Creek, 0.2 mi northwest of base gage.

REMARKS.--Estimated daily discharges: Nov. 10-18, Nov. 24 to Dec. 3., Dec. 10-22, Jan. 26 to Feb. 1, Feb. 17-25. Records good. Discharge computed by combining the flow of individually rated channels. U. S. Army Corps of Engineers gage-height telemeter at station.

AVERAGE DISCHARGE.--14 years, 66.0 ft³/s, 21.29 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,390 ft³/s, May 19, 1983, gage height, 14.65 ft; minimum daily, 5.7 ft³/s, Sept. 3, 4, 1987.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 9	1800	*1,990	*12.65	Feb. 27	0900	1,870	12.55

Minimum daily discharge, 5.7 ft³/s, Sept. 3, 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	12	63	35	29	369	44	20	16	10	7.0	6.1
2	6.5	12	50	33	53	144	40	19	12	11	7.0	5.8
3	6.3	12	42	30	47	98	44	23	12	11	7.1	5.7
4	6.2	12	37	31	39	78	39	21	12	12	8.7	5.7
5	6.1	15	34	30	35	67	37	20	11	10	13	5.8
6	6.3	16	32	30	34	59	37	18	12	9.2	14	5.8
7	6.5	27	31	30	34	53	34	18	11	8.9	8.7	6.3
8	6.4	274	448	28	32	70	34	17	10	9.0	7.8	6.9
9	6.8	829	1520	33	29	75	32	17	10	9.2	7.5	7.0
10	7.0	130	652	49	28	56	33	20	10	9.4	7.3	6.9
11	6.9	69	172	36	27	48	39	26	9.9	8.6	7.5	13
12	9.4	41	101	32	27	45	36	25	9.8	8.3	7.6	28
13	11	31	60	32	27	42	35	20	11	8.7	8.9	10
14	8.6	28	45	31	27	41	126	22	11	8.8	7.7	8.0
15	7.7	31	35	34	37	40	68	46	11	7.9	7.1	7.3
16	7.5	29	37	32	246	38	53	23	18	7.7	6.9	6.9
17	7.5	27	34	30	96	36	45	20	16	7.6	7.1	6.6
18	7.7	25	30	157	58	109	38	19	12	7.5	7.0	6.4
19	7.4	25	27	172	42	189	36	18	12	7.3	7.3	7.5
20	7.4	66	25	59	48	82	33	16	12	7.4	7.2	7.2
21	7.4	53	23	81	59	66	31	15	13	7.4	6.8	6.4
22	7.4	38	21	82	314	57	28	15	15	7.7	6.5	6.2
23	7.4	451	246	67	284	51	28	18	15	7.5	6.3	6.2
24	48	684	223	44	147	86	26	19	13	7.5	6.2	6.2
25	93	632	102	160	76	65	25	24	11	7.5	6.1	6.3
26	16	787	67	151	369	51	23	20	11	7.1	6.0	6.2
27	12	324	54	88	1260	48	23	17	9.9	7.1	6.0	6.0
28	12	146	46	47	878	43	22	14	9.5	6.9	6.1	6.0
29	11	88	41	41	---	39	21	13	9.3	6.8	6.2	6.0
30	11	68	39	35	---	46	20	13	8.9	7.0	6.2	6.1
31	11	---	37	30	---	50	---	13	---	7.0	6.2	---
TOTAL	381.8	4982	4374	1770	4382	2341	1130	609	354.3	259.0	231.0	224.5
MEAN	12.3	166	141	57.1	157	75.5	37.7	19.6	11.8	8.35	7.45	7.48
MAX	93	829	1520	172	1260	369	126	46	18	12	14	28
MIN	6.1	12	21	28	27	36	20	13	8.9	6.8	6.0	5.7
CFSM	.29	3.93	3.34	1.35	3.72	1.79	.89	.46	.28	.20	.18	.18
IN.	.34	4.39	3.86	1.56	3.86	2.06	1.00	.54	.31	.23	.20	.20

CAL YR 1986	TOTAL	18255.3	MEAN	50.0	MAX	1520	MIN	6.1	CFSM	1.19	IN	16.09
WTR YR 1987	TOTAL	21038.6	MEAN	57.6	MAX	1520	MIN	5.7	CFSM	1.37	IN	18.55

02429980 POLLARD MILL BRANCH AT PADEN, MS

LOCATION.--Lat 34°39'10", long 88°15'00", in SE¼ sec.9, T.5 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, on left bank 30 ft upstream from culvert on State Highway 30, 0.8 mi east of Paden.

DRAINAGE AREA.--2.01 mi².

PERIOD OF RECORD.--Annual maximums, water years 1967-72. October 1972 to current year.

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder and culvert control. Elevation of gage is 440 ft above National geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 26 to Apr. 6. Records fair.

AVERAGE DISCHARGE.--15 years, 6.52 ft³/s, 44.05 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 524 ft³/s, May 19, 1983, gage height, 6.07 ft, from rating extended above 20 ft³/s on basis of computation of peak flow through culvert; minimum, 1.1 ft³/s, July 7, 1980; minimum gage height, 2.32 ft, July 8, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 79 ft³/s, Nov. 8, gage height, 3.49 ft; minimum, 1.9 ft³/s, July 28, gage height, 2.38 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	3.5	3.9	3.9	4.4	19	6.6	3.1	2.6	4.2	2.1	2.3
2	3.6	3.7	3.8	3.9	5.1	13	5.8	3.6	2.6	2.8	2.1	2.1
3	3.5	3.4	3.5	3.6	4.4	10	5.6	3.6	2.4	3.1	2.1	2.2
4	3.5	3.8	3.5	3.5	3.9	9.0	5.0	3.4	2.4	2.6	3.5	2.0
5	3.8	5.1	3.1	3.5	3.9	7.4	4.9	3.1	2.3	2.5	5.5	2.0
6	3.7	4.8	3.1	3.5	3.9	7.0	4.8	3.1	2.2	2.3	3.1	2.1
7	3.8	8.2	3.4	3.5	3.9	6.6	4.4	3.3	2.2	2.2	2.4	2.0
8	3.8	16	23	3.5	3.8	10	4.4	3.0	2.2	2.5	2.3	2.1
9	4.3	19	40	4.6	3.5	8.0	4.4	2.9	2.2	2.6	2.2	2.1
10	3.8	4.4	13	4.4	3.7	6.6	4.3	3.2	2.3	2.6	2.5	2.4
11	3.8	4.3	8.6	3.7	3.7	6.2	5.2	3.1	2.2	2.2	2.6	4.4
12	5.5	3.6	6.4	3.5	3.8	5.8	4.7	3.1	2.6	2.2	2.8	3.5
13	4.5	3.1	5.4	3.5	3.5	5.6	4.8	2.9	2.8	2.5	2.6	3.1
14	3.8	3.3	4.8	3.5	3.7	5.4	8.1	2.8	2.6	2.6	2.4	2.6
15	3.5	3.8	4.6	3.7	6.1	5.2	5.0	3.0	2.6	2.2	2.3	2.3
16	3.5	3.5	4.4	3.5	13	5.0	4.8	2.7	8.9	2.2	2.2	2.3
17	3.5	3.4	5.0	3.6	6.1	4.8	4.6	2.7	3.0	2.7	2.2	2.4
18	3.5	3.1	4.4	11	5.0	4.6	4.3	2.7	2.8	2.2	2.3	2.4
19	4.1	3.1	4.0	7.1	4.7	14	3.9	2.7	3.8	2.1	2.6	3.2
20	3.4	6.6	3.9	4.8	5.5	8.0	3.9	2.7	3.4	2.1	2.3	2.5
21	3.5	3.7	3.8	4.4	5.2	7.0	3.8	4.1	6.2	2.1	2.2	2.4
22	3.6	3.4	3.5	4.3	17	6.6	3.8	3.4	3.5	2.2	2.1	2.3
23	3.8	17	13	3.9	9.0	6.4	3.8	3.0	3.1	2.2	2.1	2.3
24	12	12	9.2	4.0	6.7	6.0	3.5	3.1	2.8	2.3	2.2	2.5
25	4.8	13	6.1	13	6.0	8.0	3.5	3.0	2.4	2.2	2.0	2.3
26	3.5	12	5.1	6.5	7.9	6.4	3.5	3.0	2.4	2.1	2.0	2.4
27	3.1	6.0	4.6	5.2	11	5.4	3.4	2.6	2.7	2.1	2.0	2.4
28	3.1	4.9	4.4	4.8	35	7.0	3.4	2.5	2.5	1.9	2.2	2.5
29	3.1	4.4	4.2	4.8	---	6.0	3.2	2.6	2.4	2.1	2.4	2.5
30	3.1	4.2	3.9	4.4	---	5.6	3.2	2.6	3.0	2.1	2.2	2.6
31	3.3	---	3.9	4.2	---	7.0	---	2.7	---	2.0	2.1	---
TOTAL	123.3	190.3	213.5	145.3	193.4	232.6	134.6	93.3	89.1	73.7	75.6	74.2
MEAN	3.98	6.34	6.89	4.69	6.91	7.50	4.49	3.01	2.97	2.38	2.44	2.47
MAX	12	19	40	13	35	19	8.1	4.1	8.9	4.2	5.5	4.4
MIN	3.1	3.1	3.1	3.5	3.5	4.6	3.2	2.5	2.2	1.9	2.0	2.0
CFSM	1.98	3.15	3.43	2.33	3.44	3.73	2.23	1.50	1.48	1.18	1.21	1.23
IN.	2.28	3.52	3.95	2.69	3.58	4.30	2.49	1.73	1.65	1.36	1.40	1.37
CAL YR 1986	TOTAL	1547.6	MEAN 4.24	MAX 40	MIN 2.1	CFSM 2.11	IN 28.63					
WTR YR 1987	TOTAL	1638.9	MEAN 4.49	MAX 40	MIN 1.9	CFSM 2.23	IN 30.32					

MOBILE RIVER BASIN

02430085 RED BUD CREEK NEAR MOORES MILL, MS

LOCATION.--34°28'00", long 88°17'00", in SW¼SE¼ sec.18, T.7 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, near left bank on upstream side of bridge on county road, 0.18 mi south of intersection of county road and blacktop road, 2.7 mi east-southeast of Moores Mill, and 5.6 mi southwest of Belmont.

DRAINAGE AREA.--15.7 mi².

PERIOD OF RECORD.--June 1975 to current year.

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 360.36 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--12 years, 24.9 ft³/s, 21.51 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,690 ft³/s, Dec. 3, 1983, gage height, 12.25 ft; minimum, 1.3 ft³/s, Sept. 29, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0530	570	10.28	Dec. 9	1400	843	11.00
Nov. 23	1415	*1,120	*11.55	Feb. 27	0215	823	10.97
Nov. 24	0715	516	9.91	Feb. 28	0830	642	10.53
Nov. 26	0015	762	10.87	July 2	0200	722	10.79

Minimum discharge, 1.3 ft³/s, Oct. 1; gage height, 3.86 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	16	22	17	18	113	20	7.8	4.7	70	3.1	2.4
2	2.3	17	20	16	28	67	20	8.1	4.4	196	2.9	2.4
3	1.7	17	17	15	21	50	22	11	4.1	36	2.9	2.4
4	1.5	18	15	15	17	40	19	8.6	3.9	28	2.9	2.4
5	1.4	23	14	14	16	35	18	8.2	3.6	19	2.8	2.3
6	1.4	22	13	14	17	31	18	7.8	3.5	15	2.9	2.4
7	1.9	31	13	13	18	29	17	7.8	3.4	12	2.9	2.5
8	2.6	40	74	13	16	49	17	7.0	3.4	11	2.7	2.3
9	4.4	169	409	16	14	41	16	6.4	3.3	12	2.7	2.1
10	3.8	21	117	19	14	30	16	6.3	3.2	15	2.6	2.2
11	3.6	21	58	14	14	26	21	7.7	3.1	10	3.0	2.8
12	6.7	16	38	13	14	24	17	10	4.4	8.6	3.4	2.5
13	6.1	13	29	13	13	23	17	8.5	7.2	7.8	3.1	1.9
14	3.1	12	25	13	14	23	51	9.4	5.8	7.2	3.6	2.2
15	2.0	13	22	16	22	22	27	12	9.7	6.4	3.3	2.0
16	2.1	12	20	14	126	21	25	8.7	65	5.9	2.7	2.0
17	2.3	11	23	13	44	20	21	8.2	38	5.4	2.3	1.9
18	2.6	11	20	92	31	53	18	8.3	13	5.2	2.5	1.8
19	2.8	11	17	76	25	66	16	7.7	16	5.0	2.6	2.6
20	3.2	26	16	37	30	35	15	6.6	18	4.9	2.2	1.8
21	4.1	17	14	29	31	29	14	8.5	51	4.8	2.3	1.6
22	4.6	15	14	25	98	25	13	12	29	4.8	2.3	1.5
23	5.8	496	91	20	63	23	12	8.8	17	4.9	2.4	1.5
24	30	294	82	19	40	54	11	10	14	5.2	2.3	1.8
25	27	225	45	52	31	31	11	12	11	4.8	2.2	1.9
26	8.8	228	33	34	190	27	10	12	9.3	4.4	2.1	2.0
27	8.4	56	27	26	376	24	9.6	7.8	7.4	4.3	2.3	1.8
28	8.6	35	23	23	370	22	9.1	5.9	6.6	3.9	2.2	1.8
29	10	26	21	22	---	20	8.6	5.1	6.0	3.7	2.2	1.8
30	11	24	19	20	---	27	8.4	4.9	6.6	3.6	2.4	1.9
31	11	---	18	18	---	24	---	5.7	---	3.3	2.6	---
TOTAL	186.4	1936	1369	741	1711	1104	517.7	258.8	375.6	528.1	82.4	62.5
MEAN	6.01	64.5	44.2	23.9	61.1	35.6	17.3	8.35	12.5	17.0	2.66	2.08
MAX	30	496	409	92	376	113	51	12	65	196	3.6	2.8
MIN	1.4	11	13	13	13	20	8.4	4.9	3.1	3.3	2.1	1.5
CFSM	.38	4.11	2.82	1.52	3.89	2.27	1.10	.53	.80	1.08	.17	.13
IN.	.44	4.59	3.24	1.76	4.05	2.62	1.23	.61	.89	1.25	.20	.15
CAL YR 1986	TOTAL	7393.6	MEAN	20.3	MAX	496	MIN	1.4	CFSM	1.29	IN	17.52
WTR YR 1987	TOTAL	8872.5	MEAN	24.3	MAX	496	MIN	1.4	CFSM	1.55	IN	21.02

02430100 MACKEYS CREEK NEAR MOORES MILL, MS

LOCATION.--Lat 34°29'13", long 88°20'44", in SW¼NW¼ sec.10, T.7 S., R.9 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160601, on left bank 15 ft upstream from county bridge, 1.0 mi west of Moores Mill, and 0.5 mi west of the Tennessee-Tombigbee Waterway.

DRAINAGE AREA.--118 mi², prior to construction of Tennessee-Tombigbee Waterway.

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 314.23 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Dec. 7-22. Records fair. Flow regulated by Tennessee-Tombigbee Waterway minimum-flow structure.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,500 ft³/s, Dec. 3, 1983, from rating curve extended above 400 ft³/s on basis of runoff comparisons with nearby streams, gage height, unknown; minimum, 1.9 ft³/s, Oct. 15, 1984, gage height 1.33 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 138 ft³/s, Nov. 23, gage height 4.15 ft³/s, minimum daily, 46 ft³/s, Mar. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	62	63	59	54	50	64	63	69	61	61	54
2	65	57	64	61	56	50	66	63	66	72	60	61
3	71	64	69	62	63	60	69	65	65	72	57	64
4	67	71	67	59	57	55	65	60	67	72	57	61
5	57	70	67	60	57	55	69	58	72	70	57	66
6	70	72	65	60	58	58	66	55	69	61	60	63
7	70	76	59	59	55	52	65	59	64	65	65	57
8	69	69	59	58	51	49	68	67	61	69	63	58
9	66	78	59	61	57	57	67	65	72	74	63	52
10	69	70	60	60	63	65	68	64	67	65	59	57
11	62	75	60	60	60	61	64	61	56	66	59	60
12	60	71	60	60	62	62	63	64	62	66	58	54
13	64	71	61	58	60	62	63	68	73	60	65	52
14	65	73	61	56	54	60	69	64	67	58	64	52
15	60	70	61	59	51	58	67	73	68	61	62	52
16	60	69	62	59	57	59	67	70	62	68	59	55
17	67	70	62	56	56	59	70	66	56	66	58	57
18	63	74	63	62	66	58	66	65	63	63	55	66
19	62	68	63	63	63	62	62	67	64	60	54	69
20	61	73	63	62	62	57	62	60	67	61	58	60
21	62	71	64	60	60	53	63	65	62	57	58	57
22	60	66	64	60	67	46	59	74	56	56	54	56
23	63	92	63	64	68	55	62	64	57	62	56	57
24	77	82	62	64	63	66	63	59	60	67	56	58
25	72	75	60	63	61	61	62	58	67	72	49	64
26	66	80	53	67	72	63	62	55	70	64	51	62
27	73	74	51	70	79	66	62	62	73	61	58	64
28	70	66	48	60	70	60	65	72	67	61	64	62
29	62	63	53	58	---	50	65	68	65	58	64	58
30	63	61	59	61	---	59	62	74	61	64	60	59
31	65	---	59	62	---	66	---	71	---	62	58	---
TOTAL	2016	2133	1884	1883	1702	1794	1945	1999	1948	1994	1822	1767
MEAN	65.0	71.1	60.8	60.7	60.8	57.9	64.8	64.5	64.9	64.3	58.8	58.9
MAX	77	92	69	70	79	66	70	74	73	74	65	69
MIN	55	57	48	56	51	46	59	55	56	56	49	52
CFSM	.55	.61	.52	.52	.52	.49	.55	.55	.55	.55	.50	.50
IN.	.64	.68	.60	.60	.54	.57	.62	.63	.62	.63	.58	.56

CAL YR 1986 TOTAL 21054 MEAN 57.7 MAX 92 MIN 16 CFSM .49 IN 6.66
WTR YR 1987 TOTAL 22887 MEAN 62.7 MAX 92 MIN 46 CFSM .53 IN 7.24

MOBILE RIVER BASIN

02430100 MACKEYS CREEK NEAR MOORES MILL, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.80	2.97	3.08	3.05	2.94	2.81	3.01	2.94	3.00	2.84	2.70	2.63
2	2.98	2.89	3.11	3.09	2.98	2.79	3.05	2.93	2.94	3.03	2.70	2.76
3	3.09	3.01	3.19	3.11	3.11	3.00	3.08	2.96	2.92	3.02	2.63	2.82
4	3.01	3.13	3.17	3.06	3.00	2.89	3.03	2.87	2.97	3.02	2.63	2.77
5	2.84	3.13	3.17	3.09	2.99	2.90	3.08	2.83	3.05	2.97	2.64	2.86
6	3.05	3.17	3.13	3.08	3.02	2.95	3.04	2.78	3.00	2.82	2.69	2.81
7	3.07	3.23	3.03	3.06	2.94	2.84	3.03	2.85	2.91	2.88	2.78	2.70
8	3.05	3.12	---	3.04	2.87	2.79	3.07	2.98	2.85	2.95	2.75	2.71
9	3.00	3.27	---	3.10	2.99	2.91	3.04	2.96	3.04	3.01	2.75	2.62
10	3.04	3.12	---	3.08	3.09	3.07	3.06	2.94	2.96	2.86	2.69	2.72
11	2.92	3.22	---	3.09	3.03	3.00	3.00	2.87	2.75	2.86	2.69	2.77
12	2.90	3.17	---	3.10	3.08	3.02	2.98	2.93	2.86	2.85	2.67	2.65
13	2.97	3.16	---	3.06	3.03	3.02	2.97	2.99	3.05	2.75	2.80	2.61
14	2.99	3.21	---	3.02	2.91	2.97	3.08	2.92	2.95	2.69	2.78	2.62
15	2.91	3.15	---	3.07	2.87	2.93	3.03	3.08	2.97	2.74	2.75	2.63
16	2.90	3.14	---	3.08	2.97	2.94	3.04	3.02	2.86	2.87	2.71	2.68
17	3.03	3.16	---	3.03	2.95	2.95	3.08	2.96	2.76	2.81	2.68	2.72
18	2.96	3.23	---	3.11	3.12	2.94	3.01	2.92	2.88	2.76	2.63	2.88
19	2.93	3.13	---	3.13	3.07	3.00	2.93	2.96	2.91	2.69	2.60	2.96
20	2.91	3.21	---	3.10	3.06	2.91	2.93	2.85	2.95	2.71	2.69	2.81
21	2.94	3.20	---	3.09	3.02	2.83	2.95	2.92	2.87	2.63	2.70	2.74
22	2.90	3.11	3.11	3.09	3.13	2.69	2.89	3.08	2.75	2.60	2.62	2.74
23	2.95	3.50	3.11	3.15	3.15	2.86	2.93	2.91	2.77	2.71	2.66	2.76
24	3.20	3.37	3.09	3.15	3.06	3.05	2.95	2.81	2.82	2.79	2.66	2.77
25	3.12	3.27	3.06	3.12	3.02	2.97	2.93	2.81	2.95	2.88	2.54	2.90
26	3.03	3.35	2.94	3.19	3.20	3.00	2.93	2.75	3.00	2.75	2.57	2.85
27	3.14	3.26	2.90	3.24	3.30	3.05	2.92	2.87	3.05	2.70	2.70	2.89
28	3.10	3.13	2.84	3.06	3.18	2.95	2.96	3.04	2.95	2.69	2.82	2.87
29	2.95	3.08	2.95	3.02	---	2.76	2.96	2.98	2.92	2.65	2.80	2.79
30	2.98	3.03	3.06	3.08	---	2.92	2.91	3.08	2.85	2.76	2.74	2.82
31	3.02	---	3.06	3.10	---	3.05	---	3.04	---	2.73	2.71	---
MEAN	2.99	3.17	---	3.09	3.04	2.93	3.00	2.93	2.92	2.81	2.69	2.76
MAX	3.20	3.50	---	3.24	3.30	3.07	3.08	3.08	3.05	3.03	2.82	2.96
MIN	2.80	2.89	---	3.02	2.87	2.69	2.89	2.75	2.75	2.60	2.54	2.61

MOBILE RIVER BASIN

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02430100 MACKEYS CREEK NEAR MOORES MILL, MS--Continued

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 1983 to July 1984.

pH: August 1983 to July 1984.

WATER TEMPERATURE: August 1983 to July 1984.

DISSOLVED OXYGEN: September 1983 to July 1984.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY 04...	1745	64	115	7.90	21.5	>34.2	7.6	86
JUL 20...	1300	59	110	7.80	29.0	>24.4	6.4	83

MOBILE RIVER BASIN

02430615 MUD CREEK NEAR FAIRVIEW, MS

LOCATION.--Lat 34°23'32", long 88°21'17", in NW¼NE¼ sec.16, T.8 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, at left bank on downstream side of bridge on county road 3.0 mi northwest of Fairview and 8.8 mi north-northeast of Fulton.

DRAINAGE AREA.--11.1 mi².

PERIOD OF RECORD.--June 1975 to current year.

REVISED RECORDS.--WDR MS-78-1: 1976(P), 1977(P).

GAGE.--Water-stage recorder. Elevation of gage is 313 ft above National Geodetic Vertical Datum of 1929, from topographic map.

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

AVERAGE DISCHARGE.--12 years, 16.6 ft³/s, 20.26 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 778 ft³/s, Nov. 23, 1986, gage height, 9.53 ft; minimum, 1.3 ft³/s, Aug. 6, 1986, gage height, 3.74 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0615	302	8.46	Dec. 23	1215	330	8.55
Nov. 23	1445	*778	*9.53	Feb. 27	0145	529	9.07
Nov. 25	2400	511	9.03	Feb. 28	0830	539	9.09
Dec. 9	1400	582	9.18	July 2	0230	525	9.06

Minimum discharge, 2.3 ft³/s, Oct. 1, gage height, 3.93 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	4.8	20	12	6.6	60	14	7.2	6.6	42	4.0	3.1
2	2.8	4.9	16	12	14	38	14	8.1	6.2	141	4.1	3.0
3	2.6	4.9	15	12	8.1	30	17	9.3	6.0	37	3.8	2.9
4	2.6	4.9	12	12	6.8	26	14	8.0	5.8	29	3.6	2.9
5	2.5	7.6	12	11	6.3	24	13	7.5	5.6	14	3.6	2.9
6	2.6	6.3	11	11	7.4	22	13	7.5	5.4	11	3.8	2.9
7	2.6	17	11	11	7.4	21	13	7.5	5.2	10	3.7	3.2
8	2.6	26	73	11	6.1	37	13	6.9	5.1	9.7	3.5	3.1
9	5.5	91	281	13	5.6	28	12	6.3	5.0	9.8	3.3	3.0
10	3.9	14	60	15	5.5	21	12	6.4	5.0	11	3.1	3.0
11	3.4	17	32	12	5.5	17	17	7.1	4.9	9.6	3.3	6.3
12	11	14	22	11	5.5	15	13	7.7	6.8	8.5	4.3	5.6
13	9.1	11	16	11	5.3	14	13	7.0	9.4	11	3.8	4.1
14	5.8	9.8	13	11	5.4	14	41	8.9	10	9.8	3.4	3.7
15	4.5	8.8	14	14	17	14	22	14	12	8.5	3.2	3.5
16	5.0	8.2	15	12	42	13	20	8.0	16	7.6	3.0	3.5
17	4.0	7.8	19	12	25	13	17	7.2	8.7	6.7	3.2	3.5
18	3.8	7.2	16	104	16	46	12	6.9	7.2	6.1	4.2	3.7
19	3.7	8.3	14	42	13	45	12	6.6	8.1	5.7	4.4	10
20	3.7	24	13	17	17	20	11	6.1	8.5	5.5	3.7	4.9
21	3.6	13	12	12	17	17	10	15	8.4	5.3	3.4	4.0
22	3.6	11	12	8.6	71	16	10	14	8.2	5.2	3.2	3.7
23	3.6	414	110	7.6	27	15	9.9	19	7.6	5.1	3.1	3.6
24	27	248	45	7.6	18	39	9.8	14	8.9	5.1	3.1	3.5
25	22	164	23	27	15	19	9.5	15	7.0	5.0	3.0	3.6
26	7.7	144	18	11	138	16	9.1	11	6.3	4.8	3.0	3.4
27	6.2	33	16	8.5	195	16	8.9	8.1	5.9	4.8	3.0	3.3
28	5.4	23	19	8.1	283	15	8.5	7.0	5.5	4.5	3.2	3.2
29	5.1	18	22	7.7	---	14	8.1	6.4	5.5	4.2	3.2	3.4
30	5.0	24	21	7.1	---	19	7.6	8.2	9.0	4.1	3.1	3.4
31	4.8	---	16	6.6	---	16	---	7.4	---	3.9	3.3	---
TOTAL	178.1	1389.5	999	477.8	989.5	720	404.4	279.3	219.8	445.5	107.6	113.9
MEAN	5.75	46.3	32.2	15.4	35.3	23.2	13.5	9.01	7.33	14.4	3.47	3.80
MAX	27	414	281	104	283	60	41	19	16	141	4.4	10
MIN	2.4	4.8	11	6.6	5.3	13	7.6	6.1	4.9	3.9	3.0	2.9
CFSM	.52	4.17	2.90	1.39	3.18	2.09	1.22	.81	.66	1.30	.31	.34
IN.	.60	4.66	3.35	1.60	3.32	2.41	1.36	.94	.74	1.49	.36	.38

CAL YR 1986 TOTAL 5050.0 MEAN 13.8 MAX 414 MIN 1.8 CFSM 1.24 IN 16.92
WTR YR 1987 TOTAL 6324.4 MEAN 17.3 MAX 414 MIN 2.4 CFSM 1.56 IN 21.19

02430680 TWENTYMILE CREEK NEAR GUNTOWN, MS

LOCATION.--Lat 34°27'11", long 88°34'37", in SW¼ sec.21, T.7 S., R.7 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160101, on downstream side of bridge on county road, and 6.0 mi southeast of Baldwin, and 6.0 mi east of Guntown.

DRAINAGE AREA.--131 mi².

PERIOD OF RECORD.--October 1982 to current year.

GAGE.--Water-stage recorder and sharp-crested weir since November, 1982. Datum of gage is 280.00 ft above National Geodetic Vertical Datum of 1929. September 1964 to January 1975, discharge measurements only, and February 1975 to June 1977, discharge measurements and gage-height record only, in files of U. S. Army Corps of Engineers. July 1977 to September 1982, gage-height records only, in files of U.S. Geological Survey.

REMARKS.--Estimated daily discharges: Nov. 24-25, Apr. 26 to May 20, June 2-17. Records fair. U. S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--5 years, 217 ft³/s, 22.47 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,400 ft³/s, May 19, 1983, gage height, 28.86 ft, from flood-mark; minimum daily, 0.31 ft³/s, Oct. 5, 1985.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0345	*19,000	*23.98	Dec. 23	1515	7,130	16.62
Nov. 23	1845	12,200	20.01	Feb. 26	2215	12,500	20.14
Dec. 9	1315	13,900	21.00	Feb. 28	0730	10,400	18.83

Minimum daily discharge 0.85 ft³/s, Aug. 22.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.87	4.6	180	77	70	809	74	18	43	12	1.5	1.6
2	.92	4.7	163	69	281	320	60	18	37	10	2.5	1.3
3	.97	3.5	93	63	154	218	72	55	30	20	3.5	1.1
4	.95	3.4	57	63	99	170	62	47	26	18	2.5	1.0
5	.90	8.9	47	56	82	147	54	30	22	13	2.7	1.1
6	.95	6.4	44	54	75	130	52	22	20	8.7	29	1.4
7	1.0	593	41	53	80	116	52	48	18	6.9	8.2	1.4
8	1.2	2060	5020	49	69	174	52	27	16	6.3	4.2	1.8
9	1.7	6440	7500	53	56	290	51	26	15	12	2.8	6.0
10	2.1	224	1040	93	50	145	44	23	14	20	2.3	4.9
11	1.8	142	347	64	50	114	66	29	13	10	3.5	36
12	3.1	102	213	54	51	100	61	146	12	7.0	3.5	52
13	7.6	51	149	52	47	92	119	57	11	5.6	2.3	13
14	5.1	30	120	52	46	88	1980	31	10	5.2	1.7	5.7
15	3.4	43	109	53	188	82	251	62	9.8	5.8	1.5	3.2
16	2.4	46	95	52	898	79	145	37	9.4	4.2	1.4	2.1
17	1.9	40	98	46	272	77	98	29	150	3.8	1.3	1.8
18	1.8	36	102	1390	148	962	76	28	77	3.2	1.1	1.4
19	1.5	30	83	984	107	878	69	20	24	2.7	1.3	2.8
20	1.3	426	72	209	258	205	56	12	18	2.6	1.4	2.1
21	1.3	128	65	137	345	146	52	15	106	2.4	1.2	1.9
22	1.5	67	62	113	1780	121	49	57	51	2.4	.85	1.9
23	1.7	4400	2460	87	595	101	43	241	279	3.5	.89	1.6
24	101	2170	1200	77	240	299	37	152	334	4.6	.95	1.2
25	282	530	342	845	167	157	33	272	38	4.4	1.6	1.2
26	27	2290	201	357	3380	103	33	765	23	3.5	1.5	1.4
27	13	327	151	142	3390	86	39	67	17	2.5	2.2	1.3
28	7.8	184	123	118	5960	77	41	34	12	2.0	6.9	1.2
29	8.2	133	104	108	---	70	28	24	9.6	1.7	2.8	1.6
30	6.3	147	94	99	---	91	32	27	8.6	1.7	1.8	1.4
31	5.0	---	83	75	---	127	---	32	---	1.6	1.6	---
TOTAL	496.26	20670.5	20458	5744	18938	6574	3881	2451	1453.4	207.3	100.49	156.4
MEAN	16.0	689	660	185	676	212	129	79.1	48.4	6.69	3.24	5.21
MAX	282	6440	7500	1390	5960	962	1980	765	334	20	29	52
MIN	.87	3.4	41	46	46	70	28	12	8.6	1.6	.85	1.0
CFSM	.12	5.26	5.04	1.41	5.16	1.62	.99	.60	.37	.05	.03	.04
IN.	.14	5.87	5.81	1.63	5.38	1.87	1.10	.70	.41	.06	.03	.04

CAL YR 1986	TOTAL	73783.33	MEAN	202	MAX	7500	MIN	.74	CFSM	1.54	IN	20.95
WTR YR 1987	TOTAL	81130.35	MEAN	222	MAX	7500	MIN	.85	CFSM	1.70	IN	23.04

MOBILE RIVER BASIN

02430880 CUMMINGS CREEK NEAR FULTON, MS

LOCATION.--Lat 34°18'16", long 88°22'16", in NE¼ sec.17, T.9 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on left bank at the downstream end of bridge on county road, 3.2 mi northeast of Fulton, and 4.2 mi upstream from mouth.

DRAINAGE AREA.--19.1 mi².

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

GAGE.--Water-stage recorder. Elevation of gage is 295 ft, above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Nov. 23 to Dec. 1, Dec. 8-12, Apr. 15-30. Records good.

AVERAGE DISCHARGE.--12 years, 32.2 ft³/s, 22.90 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,570 ft³/s, Apr. 5, 1983, gage height, 11.03 ft; minimum, 2.1 ft³/s, Oct. 1, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 856 ft³/s, Nov. 25, gage height, 10.78 ft, from floodmark; minimum, 2.1 ft³/s, Oct. 1; minimum gage height, 4.40 ft, Aug. 17.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	9.1	40	27	25	112	26	10	11	21	6.0	8.2
2	5.8	9.0	33	26	51	78	25	12	9.9	75	6.8	7.8
3	3.8	9.2	28	25	32	63	31	15	9.5	18	6.4	7.2
4	3.8	9.5	25	25	26	53	24	12	9.1	17	6.6	7.1
5	3.7	18	24	24	24	47	22	11	8.6	13	7.2	7.1
6	3.9	15	23	22	27	42	21	11	8.2	11	8.9	7.1
7	4.6	28	22	22	31	37	21	12	8.0	9.7	6.6	7.7
8	4.9	39	80	21	24	62	21	11	7.6	9.9	6.5	8.8
9	21	44	150	27	21	55	20	9.8	7.4	10	5.6	8.6
10	8.2	33	250	32	21	37	19	11	7.2	12	5.5	8.5
11	6.5	33	120	24	21	33	28	28	7.1	9.4	5.8	24
12	22	24	64	22	21	30	23	22	9.6	8.2	6.2	23
13	23	17	41	21	20	29	23	15	15	9.2	5.9	15
14	12	17	36	22	20	28	63	24	11	9.2	5.2	8.8
15	8.0	17	33	27	38	27	40	33	9.9	7.3	4.5	4.5
16	7.5	16	31	23	64	26	30	18	37	6.9	4.3	4.1
17	6.5	15	39	23	31	26	24	17	16	6.7	4.2	5.6
18	6.2	14	35	149	26	95	21	15	12	6.8	7.3	5.4
19	6.2	14	30	92	23	124	19	14	12	6.9	8.8	12
20	6.4	32	27	50	29	52	18	13	12	6.9	6.7	7.0
21	6.1	19	26	37	32	38	17	17	13	7.0	5.3	5.5
22	6.2	16	25	33	108	32	16	20	12	7.0	4.7	3.9
23	6.6	100	119	29	62	29	15	21	21	7.2	4.3	3.5
24	23	200	93	28	40	79	14	22	22	7.2	4.4	3.5
25	41	500	57	76	33	40	13	23	12	7.0	4.1	3.7
26	20	350	44	45	123	31	12	20	10	6.7	4.5	3.6
27	14	230	37	32	198	29	11	15	8.7	6.4	5.4	3.7
28	11	150	33	31	218	26	10	12	8.1	6.3	6.9	4.1
29	9.8	100	31	29	---	25	9.0	11	7.8	6.2	7.4	5.3
30	9.7	64	29	27	---	37	8.6	11	7.8	6.3	7.6	6.4
31	9.2	---	28	25	---	31	---	11	---	6.0	8.1	---
TOTAL	325.8	2141.8	1653	1096	1389	1453	644.6	496.8	350.5	347.4	187.7	230.7
MEAN	10.5	71.4	53.3	35.4	49.6	46.9	21.5	16.0	11.7	11.2	6.05	7.69
MAX	41	500	250	149	218	124	63	33	37	75	8.9	24
MIN	3.7	9.0	22	21	20	25	8.6	9.8	7.1	6.0	4.1	3.5
CFSM	.55	3.74	2.79	1.85	2.60	2.46	1.13	.84	.61	.59	.32	.40
IN.	.63	4.17	3.22	2.13	2.71	2.83	1.26	.97	.68	.68	.37	.45
CAL YR 1986	TOTAL	8367.4	MEAN 22.9	MAX 500	MIN 2.7	CFSM 1.20	IN 16.30					
WTR YR 1987	TOTAL	10316.3	MEAN 28.3	MAX 500	MIN 3.5	CFSM 1.48	IN 20.09					

02431000 TOMBIGBEE RIVER NEAR FULTON, MS

LOCATION.--Lat 34°15'53", long 88°26'42", in SE¼ sec.27, T.9 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on left bank at downstream side of bridge on U.S. Highway 78, 1,000 ft downstream from Twentymile-Fulton Canal, 2.2 mi west of Fulton, 6.2 mi upstream from Mantachie Creek Canal, 13.5 mi downstream from Twentymile Creek Canal, and at mile 421.7.

DRAINAGE AREA.--612 mi², prior to construction of Tennessee-Tombigbee Waterway.

PERIOD OF RECORD.--August 1928 to current year. Daily mean gage heights published since October 1971. Gage-height records collected at site 800 ft upstream 1909-12 are contained in reports of National Weather Service. Prior to October 1966, published as East Fork Tombigbee River near Fulton.

REVISED RECORDS.--WSP 1032: 1944. WRD Miss. 1972: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 242.93 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 27, 1934, nonrecording gage at bridge 200 ft upstream, and Oct. 27, 1934 to Aug. 22, 1939, nonrecording gage at present site, all at present datum.

REMARKS.--No estimated daily discharges. Records good. Some regulation by Tennessee-Tombigbee Waterway. Telemeter at station.

AVERAGE DISCHARGE.--56 years, (water years 1929-84) 971 ft³/s, 21.55 in/yr, prior to construction of Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 82,200 ft³/s, Mar. 22, 1955, gage height, 25.75 ft, from rating curve extended above 48,000 ft³/s on basis of estimate of flow made by indirect methods; minimum observed, 11 ft³/s, Nov. 15, 1971 (temporary regulation); minimum unregulated, 12 ft³/s, Aug. 31 to Sept. 2, 1943; minimum gage height, 0.87 ft, Aug. 12, 1930.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	1400	8,620	17.86	Mar. 1	0200	11,400	18.38
Dec. 10	0700	*12,100	*18.50				

Minimum daily discharge, 64 ft³/s, Oct. 2, 6, Aug. 27, 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	82	1270	519	524	10000	526	173	172	128	76	107
2	64	86	919	490	571	7030	459	159	167	526	74	123
3	66	79	741	450	747	4190	445	163	130	301	73	120
4	72	76	586	429	605	2440	458	204	112	253	73	73
5	71	85	520	413	532	1490	420	179	103	187	85	72
6	64	87	449	383	500	992	397	155	99	137	101	133
7	67	110	424	370	498	772	387	249	95	112	124	184
8	74	887	810	350	473	692	378	162	88	108	93	138
9	79	2430	5920	335	423	926	374	146	81	111	84	95
10	77	4790	11600	403	381	898	354	125	92	151	81	90
11	76	4070	8510	460	373	730	355	177	85	160	82	110
12	79	2800	5350	397	373	633	428	316	78	115	86	194
13	97	1710	3040	370	371	569	382	322	81	104	82	264
14	101	888	1840	361	359	531	1100	231	96	100	84	130
15	92	548	1110	366	370	505	1730	313	104	95	88	103
16	78	443	814	380	980	475	1060	362	276	88	84	96
17	73	377	671	365	1310	457	750	261	635	90	84	93
18	73	332	651	695	1070	775	577	218	331	87	83	94
19	73	296	596	2290	895	1850	479	170	176	84	81	102
20	70	371	531	2510	708	1960	423	158	142	81	78	115
21	68	733	490	1970	926	1560	372	135	128	82	76	105
22	69	469	452	1290	1190	1040	337	208	262	79	77	98
23	67	1090	824	842	2400	725	313	236	207	77	71	96
24	104	5810	2870	625	2650	696	291	555	777	78	71	95
25	620	7880	3370	741	2170	947	265	502	463	80	70	95
26	547	8160	2740	1510	1730	746	246	951	235	82	77	99
27	226	7150	1980	1250	5930	624	236	693	159	80	64	99
28	125	4870	1260	1080	9360	560	220	354	115	77	64	99
29	106	3030	852	885	---	509	200	243	104	75	84	99
30	93	1930	665	730	---	460	182	186	97	74	108	96
31	85	---	577	609	---	538	---	176	---	74	109	---
TOTAL	3623	61669	62432	23868	38419	46320	14144	8482	5690	3876	2567	3417
MEAN	117	2056	2014	770	1372	1494	471	274	190	125	82.8	114
MAX	620	8160	11600	2510	9360	10000	1730	951	777	526	124	264
MIN	64	76	424	335	359	457	182	125	78	74	64	72
CFSM	.19	3.36	3.29	1.26	2.24	2.44	.77	.45	.31	.20	.14	.19
IN.	.22	3.75	3.79	1.45	2.34	2.82	.86	.52	.35	.24	.16	.21

CAL YR 1986	TOTAL	224224	MEAN 614	MAX 11600	MIN 64	CFSM 1.00	IN 13.63
WTR YR 1987	TOTAL	274507	MEAN 752	MAX 11600	MIN 64	CFSM 1.23	IN 16.69

MOBILE RIVER BASIN

U2431000 TOMBIGBEE RIVER NEAR FULTON, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.28	6.45	13.44	9.69	9.72	18.13	9.74	7.23	7.21	6.87	6.38	6.70
2	6.24	6.49	12.07	9.49	10.02	17.53	9.28	7.12	7.18	9.72	6.36	6.84
3	6.26	6.41	11.09	9.21	11.13	16.85	9.17	7.15	6.90	8.11	6.35	6.80
4	6.33	6.38	10.13	9.06	10.26	15.74	9.27	7.43	6.75	7.76	6.35	6.35
5	6.32	6.48	9.69	8.94	9.78	14.06	8.99	7.26	6.66	7.31	6.48	6.33
6	6.24	6.50	9.20	8.72	9.56	12.40	8.83	7.10	6.62	6.96	6.64	6.90
7	6.27	6.72	9.02	8.61	9.55	11.27	8.75	7.75	6.58	6.74	6.84	7.30
8	6.36	11.65	10.98	8.47	9.37	10.80	8.68	7.14	6.51	6.71	6.55	6.95
9	6.41	15.35	16.99	8.36	9.02	12.09	8.65	7.02	6.43	6.74	6.44	6.58
10	6.39	17.06	18.42	8.86	8.70	11.96	8.50	6.86	6.55	7.06	6.40	6.53
11	6.38	16.84	17.83	9.28	8.64	11.03	8.51	7.24	6.48	7.13	6.40	6.71
12	6.41	16.13	17.17	8.82	8.64	10.43	9.05	8.23	6.40	6.77	6.42	7.36
13	6.60	14.54	16.29	8.61	8.63	10.03	8.71	8.26	6.43	6.67	6.38	7.85
14	6.64	11.86	14.84	8.55	8.53	9.77	12.15	7.61	6.59	6.63	6.39	6.90
15	6.55	9.88	12.90	8.59	8.61	9.59	14.65	8.20	6.67	6.58	6.41	6.66
16	6.40	9.16	11.51	8.70	12.10	9.39	12.69	8.56	7.91	6.51	6.36	6.59
17	6.35	8.67	10.67	8.57	13.60	9.26	11.14	7.82	10.40	6.53	6.35	6.56
18	6.34	8.34	10.54	10.46	12.76	11.03	10.07	7.52	8.33	6.50	6.35	6.57
19	6.34	8.08	10.20	15.56	11.94	14.87	9.42	7.20	7.24	6.47	6.34	6.65
20	6.31	8.61	9.77	15.85	10.89	15.10	9.01	7.12	7.00	6.44	6.31	6.77
21	6.29	11.03	9.49	15.10	12.06	14.26	8.63	6.94	6.88	6.45	6.30	6.68
22	6.30	9.34	9.23	13.47	13.02	12.60	8.38	7.46	7.83	6.41	6.32	6.61
23	6.27	12.07	11.00	11.65	15.69	10.99	8.20	7.65	7.45	6.39	6.27	6.59
24	6.59	17.16	16.14	10.38	15.99	10.82	8.04	9.86	11.19	6.40	6.27	6.58
25	10.28	17.71	16.57	10.98	15.42	12.21	7.84	9.57	9.26	6.43	6.28	6.58
26	9.86	17.76	16.08	14.14	14.66	11.12	7.71	12.11	7.64	6.45	6.36	6.62
27	7.59	17.56	15.11	13.43	17.08	10.38	7.64	10.75	7.12	6.42	6.22	6.62
28	6.86	17.06	13.38	12.80	18.00	9.96	7.54	8.50	6.78	6.39	6.23	6.62
29	6.69	16.30	11.71	11.90	---	9.62	7.40	7.69	6.67	6.37	6.46	6.62
30	6.56	15.02	10.63	11.02	---	9.28	7.29	7.31	6.60	6.36	6.71	6.59
31	6.48	---	10.08	10.28	---	9.82	---	7.24	---	6.36	6.72	---
MEAN	6.68	11.75	12.65	10.57	11.55	12.01	9.13	7.90	7.28	6.79	6.41	6.73
MAX	10.28	17.76	18.42	15.85	18.00	18.13	14.65	12.11	11.19	9.72	6.84	7.85
MIN	6.24	6.38	9.02	8.36	8.53	9.26	7.29	6.86	6.40	6.36	6.22	6.33
WTR YR 1987	MEAN	9.11	MAX	18.42	MIN	6.22						

MOBILE RIVER BASIN

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02432500 BULL MOUNTAIN CREEK AT TREMONT, MS

LOCATION.--Lat 34°14'20", long 88°16'15", in NE¼SW¼ sec.5, T.10 S., R.10 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, in left bank on downstream side of bridge on U.S. Highway 78, 0.7 mi northwest of Tremont, 1.5 mi upstream from Johns Creek, 1.5 mi upstream from Cypress Creek, 8.0 mi southeast of Fulton, and 27.2 mi upstream from the mouth.

DRAINAGE AREA.--136 mi².

PERIOD OF RECORD.--October 1943 to September 1964; October 1973 to current year (low-water records only).

GAGE.--Water-stage recorder. Datum of gage is 317.39 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to July 22, 1949, staff gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Discharges over 200 ft³/s not determined. U. S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--21 years (water years 1944-64), 212 ft³/s, 21.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.06 ft, Apr. 6, 1983 (discharge not determined); minimum discharge, 4.6 ft³/s, Sept. 13, 1954, gage height, 1.62 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of March 1973 reached a stage of 13.1 ft from floodmark by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum gage height and discharge not determined; minimum discharge, 9.8 ft³/s, Sept. 5; gage height, 1.98 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	65	---	155	166	---	150	55	44	36	14	10
2	11	61	---	146	199	---	141	52	42	106	14	11
3	15	60	---	135	---	---	143	55	39	89	15	10
4	14	58	185	130	183	---	139	58	36	74	28	10
5	12	69	166	126	164	---	128	53	33	73	38	9.8
6	11	85	154	119	156	---	122	50	30	55	43	9.9
7	11	92	146	115	174	---	118	51	28	44	27	10
8	12	---	193	110	161	---	116	49	27	48	25	11
9	29	---	---	106	146	---	112	44	25	39	25	12
10	60	---	---	125	134	---	107	41	23	35	19	15
11	32	---	---	122	129	---	112	41	22	35	17	39
12	28	---	---	107	128	---	113	107	22	32	20	88
13	153	178	---	103	123	190	105	82	26	27	46	38
14	93	146	---	101	119	179	136	60	39	26	26	27
15	56	134	---	112	122	171	147	53	65	28	20	19
16	39	128	200	118	---	162	122	50	67	24	18	17
17	30	119	187	107	---	155	115	51	47	22	15	17
18	27	108	187	---	---	---	107	53	68	20	15	16
19	25	99	171	---	---	---	99	52	75	19	15	16
20	24	137	156	---	196	---	93	50	91	18	16	16
21	22	---	146	---	---	---	87	47	76	17	17	17
22	22	154	135	---	---	---	84	47	75	17	15	15
23	21	172	---	---	---	---	82	49	73	16	13	14
24	41	187	---	---	---	---	78	60	93	25	12	14
25	---	---	---	---	---	---	74	76	62	36	13	13
26	---	---	---	---	---	200	72	111	45	23	14	13
27	191	---	---	---	---	182	68	79	38	18	11	13
28	125	---	---	---	---	171	65	59	33	16	11	12
29	97	---	193	---	---	159	61	49	30	15	11	12
30	82	---	178	---	---	156	57	45	28	14	12	14
31	71	---	164	180	---	170	---	45	---	13	11	---
TOTAL	---	---	---	---	---	---	3153	1774	1402	1060	596	538.7
MEAN	---	---	---	---	---	---	105	57.2	46.7	34.2	19.2	18.0
MAX	---	---	---	---	---	---	150	111	93	106	46	88
MIN	---	---	---	---	---	---	57	41	22	13	11	9.8
CFSM	---	---	---	---	---	---	.77	.42	.34	.25	.14	.13
IN.	---	---	---	---	---	---	.86	.49	.38	.29	.16	.15

MOBILE RIVER BASIN

02433000 BULL MOUNTAIN CREEK NEAR SMITHVILLE, MS

LOCATION.--Lat 34°05'18", long 88°23'26", in SW¼SE¼ sec.30, T.11 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on right bank at downstream side of old crossing 200 ft upstream from bridge on State Highway 25, 0.8 mi upstream from Mississippian Railway bridge, 1.1 mi north of Smithville, and 3.5 mi upstream from mouth.

DRAINAGE AREA.--336 mi².

PERIOD OF RECORD.--October 1940 to September 1984, October 1984 to September 1986 (high water records only).

REVISED RECORDS.--WSP 1504: 1948. WRD Miss. 1972: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 234.81 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 15, 1948, nonrecording gage at same site and datum.

REMARKS.--Daily discharges below 3,000 ft³/s not determined. No daily discharges above 3,000 ft³/s in 1987 water year.

AVERAGE DISCHARGE.--44 years (water years 1941-84), 574 ft³/s, 23.21 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,400 ft³/s Mar. 16, 1973, gage height, 18.26 ft; minimum, 19 ft³/s, Aug. 28 to Sept. 3, 1943 (period of doubtful gage-height record), and Sept. 10, 13, 14, 15, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1926 reached a stage of 15.7 ft, from floodmark, discharge about 29,000 ft³/s, from information by Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
March 1	0145	<3,000	10.20				

02433500 TOMBIGBEE RIVER AT BIGBEE, MS

LOCATION.--Lat 34°00'42", long 88°30'50", in SW¼NE¼ sec.25, T.12 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 0316U101, near right bank on downstream side of bridge on State Highway 6, 0.2 mi upstream from St. Louis-San Francisco Railway bridge, 0.5 mi southeast of Bigbee, 2.4 mi northwest of Amory, 3.7 mi upstream from Town Creek, and at mile 383.1.

DRAINAGE AREA.--1,226 mi², prior to construction of Tennessee-Tombigbee Waterway.

PERIOD OF RECORD.--October 1944 to September 1954, October 1963 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1966, published as East Fork Tombigbee River at Bigbee.

REVISED RECORDS.--WSP 1504: 1946, 1948. WRD Miss. 1972: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 190.00 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Sept. 9, 1949, nonrecording gage at same site and datum. Water-stage recorder for Tombigbee River near Amory (Station 02437000), 4.0 mi downstream, used as an auxiliary gage for this station.

REMARKS.--Estimated daily discharges: Aug. 10-19. Records good except Nov. 24, Dec. 8, and Aug. 10-19, which are poor. Some regulation by Tennessee-Tombigbee Waterway. Telemeter at station.

AVERAGE DISCHARGE.--31 years, (water years 1964-84) 2,157 ft³/s, 23.89 in/yr, prior to construction of Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 112,000 ft³/s, Mar. 17, 1973, gage height, 27.64 ft; minimum, 29 ft³/s, Sept. 15, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of 1973 was the highest since at least 1890. The flood of Mar. 23, 1955, reached a stage of 26.2 ft, from floodmark, discharge, 73,000 ft³/s. Flood of December 1926 reached a stage of 24.2 ft from information by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	1130	17,800	17.77	Mar. 1	1430	*18,500	*17.81
Dec. 12	0400	15,600	15.88				

Minimum discharge, 189 ft³/s, Aug. 29-30, gage height, 3.10 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	200	269	3970	990	990	17300	1290	543	414	382	215	261
2	211	309	2720	914	1190	17300	1300	589	359	1480	218	254
3	217	260	1640	849	1160	12000	1250	537	351	976	218	264
4	208	263	1240	805	1160	7420	1130	762	332	822	214	273
5	216	265	1020	772	990	4770	1150	400	304	506	216	215
6	213	273	905	744	903	2950	1180	424	300	467	217	199
7	208	346	807	702	907	1960	1140	597	280	331	223	258
8	209	888	1020	672	910	1850	1010	655	273	298	228	325
9	458	2990	3370	646	832	2000	926	511	265	335	236	302
10	272	2310	6730	661	753	2070	994	613	291	369	244	250
11	244	2460	12300	771	697	1770	1100	617	304	317	235	292
12	288	2980	14200	773	687	1430	1210	1040	268	501	229	296
13	661	2860	8880	694	681	1310	1110	600	283	300	236	358
14	320	2390	4980	662	666	1130	1490	779	308	279	231	408
15	282	1500	3560	679	816	1050	1700	626	346	264	227	311
16	265	941	2140	687	2120	1180	2230	977	520	259	223	267
17	245	693	1490	693	1830	1050	1850	941	781	254	218	251
18	239	581	1250	2160	1910	1590	1410	807	774	249	214	253
19	232	530	1170	5880	1720	2850	1020	412	540	245	231	287
20	233	593	1050	4280	1280	3140	1090	575	409	242	226	265
21	231	768	962	4270	1230	3430	716	454	473	237	208	271
22	223	937	884	3970	3070	2800	1010	643	597	237	203	258
23	226	3900	1670	2030	4480	2000	836	944	462	237	204	246
24	517	10300	4090	1350	3350	1770	936	992	683	245	202	243
25	2260	11200	3590	1680	3900	1940	672	1520	1170	239	208	238
26	1220	16300	4130	2110	4110	1500	488	1370	661	237	197	239
27	1040	15300	3530	1810	9060	1290	650	1280	418	236	211	241
28	782	13000	3040	2020	10800	1260	512	935	373	230	201	242
29	469	8710	1980	1490	---	1150	587	553	297	224	192	243
30	303	5850	1370	1290	---	1000	427	440	278	223	205	240
31	285	---	1120	1130	---	1060	---	379	---	222	254	---
TOTAL	12977	109966	100808	48184	62202	105320	32414	22515	13114	11443	6784	8050
MEAN	419	3666	3252	1554	2222	3397	1080	726	437	369	219	268
MAX	2260	16300	14200	5880	10800	17300	2230	1520	1170	1480	254	408
MIN	200	260	807	646	666	1000	427	379	265	222	192	199
CFSM	.34	2.99	2.65	1.27	1.81	2.77	.88	.59	.36	.30	.18	.22
IN.	.39	3.34	3.06	1.46	1.89	3.20	.98	.68	.40	.35	.21	.24

CAL YR 1986 TOTAL 400241 MEAN 1097 MAX 16300 MIN 133 CFSM .90 IN 12.14
WTR YR 1987 TOTAL 533777 MEAN 1462 MAX 17300 MIN 192 CFSM 1.19 IN 16.20

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

CAL YR 1986 MEAN 4.71 MAX 17.28 MIN 2.70

02435020 TOWN CREEK AT EASON BOULEVARD AT TUPELO, MS

LOCATION.--Lat 34°14'08", long 88°41'43", on line between secs.5 and 8, T.10 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on left bank at downstream side of bridge on Eason Boulevard in Tupelo, 400 ft upstream from Kings Creek, 0.2 mi downstream from Mud Creek; 0.4 mi downstream from St. Louis and San Francisco Railroad, 2.0 mi upstream from Tulip Creek, and 22.8 mi upstream from mouth.

DRAINAGE AREA.--233 mi², includes that of Kings Creek.

PERIOD OF RECORD.--October 1970 to current year. Daily mean gage heights published since October 1971.

REVISED RECORDS.--WDR MS 80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 230.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Mar. 2-17, Mar. 20-23, Mar. 25 to Apr. 8, and June 29 to July 27. Records fair except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--17 years, 437 ft³/s, 25.47 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26,100 ft³/s, May 19, 1983, gage height, 27.39 ft; minimum, 1.2 ft³/s, Aug. 28, 1984, gage height, 2.47 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 23	2000	*7,520	*21.96				

Minimum daily discharge, 2.1 ft³/s, July 27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	10	393	151	122	2220	175	35	200	98	3.4	3.4
2	24	9.4	323	147	210	1160	160	29	76	98	6.2	3.4
3	20	12	251	129	185	485	165	47	40	73	4.9	3.3
4	18	10	218	115	145	360	150	41	31	48	3.5	3.2
5	18	14	166	103	134	300	140	32	23	40	11	3.2
6	21	17	140	95	125	275	120	32	18	38	19	3.2
7	21	118	127	91	139	250	100	58	15	36	4.9	3.2
8	24	1090	1650	86	137	270	90	46	13	23	3.4	3.2
9	27	3410	5180	87	129	340	91	30	12	10	3.4	3.2
10	23	726	2580	102	125	245	84	34	12	7.0	4.8	43
11	23	553	1100	103	124	205	100	48	10	5.5	5.0	46
12	134	417	758	92	124	190	97	96	15	5.0	14	9.5
13	61	308	515	87	123	180	91	80	21	4.4	8.1	4.5
14	31	253	397	83	123	175	787	78	15	4.0	4.0	3.0
15	25	210	335	80	216	170	346	95	79	3.5	3.7	2.9
16	26	146	295	80	964	165	251	78	507	3.1	3.7	2.7
17	36	91	282	80	333	160	201	56	222	2.8	3.7	2.7
18	39	75	239	1500	233	1020	160	41	210	2.6	47	2.7
19	38	63	197	1110	188	1290	124	27	313	2.5	4.9	4.5
20	38	124	167	310	239	330	107	29	197	2.3	3.6	7.3
21	37	138	148	234	430	250	96	51	126	2.5	3.4	4.4
22	19	80	144	183	1630	210	83	123	215	2.5	3.4	3.2
23	9.0	3440	1370	148	796	185	76	27	161	4.5	3.2	2.7
24	352	4210	1080	136	356	462	67	118	619	6.0	6.9	2.6
25	641	2210	398	407	274	300	60	113	270	2.5	3.5	2.7
26	108	2640	305	339	1930	198	55	182	419	2.5	3.2	2.7
27	36	733	234	181	4010	175	51	78	113	2.1	3.8	2.5
28	20	492	186	161	4680	160	99	35	78	3.9	3.5	2.4
29	16	384	163	147	---	145	96	25	48	3.6	3.4	2.3
30	13	341	171	141	---	190	74	157	42	3.7	3.4	2.2
31	12	---	157	131	---	280	---	158	---	3.3	3.4	---
TOTAL	1945.0	22324.4	19669	6839	18224	12345	4296	2079	4120	543.8	203.3	185.8
MEAN	62.7	744	634	221	651	398	143	67.1	137	17.5	6.56	6.19
MAX	641	4210	5180	1500	4680	2220	787	182	619	98	47	46
MIN	9.0	9.4	127	80	122	145	51	25	10	2.1	3.2	2.2
CFSM	.27	3.19	2.72	.95	2.79	1.71	.61	.29	.59	.08	.03	.03
IN.	.31	3.56	3.14	1.09	2.91	1.97	.69	.33	.66	.09	.03	.03
CAL YR 1986	TOTAL	78358.0	MEAN 215	MAX 5180	MIN 1.5	CFSM .92	IN 12.51					
WTR YR 1987	TOTAL	92774.3	MEAN 254	MAX 5180	MIN 2.1	CFSM 1.09	IN 14.81					

MOBILE RIVER BASIN

02435020 TOWN CREEK AT EASON BOULEVARD AT TUPELO, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.86	2.60	4.66	3.42	3.30	11.44	4.40	2.87	3.66	2.90	2.47	2.46
2	2.80	2.59	4.28	3.41	3.72	10.26	4.40	2.83	3.05	2.90	2.53	2.46
3	2.76	2.62	3.89	3.32	3.59	9.68	4.40	2.93	2.86	2.89	2.50	2.46
4	2.74	2.60	3.72	3.26	3.41	9.10	4.40	2.90	2.81	2.90	2.46	2.46
5	2.74	2.65	3.48	3.20	3.36	8.52	4.40	2.85	2.75	2.89	2.52	2.46
6	2.76	2.68	3.36	3.15	3.32	7.98	4.40	2.85	2.71	2.88	2.69	2.46
7	2.76	3.21	3.30	3.13	3.38	7.50	4.40	2.98	2.68	2.87	2.50	2.46
8	2.78	7.35	8.61	3.11	3.37	7.09	3.69	2.92	2.66	---	2.46	2.46
9	2.81	14.33	18.61	3.11	3.34	6.79	3.17	2.83	2.64	---	2.46	2.46
10	2.77	6.14	11.47	3.19	3.32	6.49	3.14	2.84	2.65	---	2.49	2.74
11	2.77	5.42	6.66	3.20	3.31	6.18	3.22	2.92	2.62	---	2.51	2.84
12	3.33	4.78	5.77	3.14	3.31	5.90	3.20	3.17	2.68	---	2.64	2.60
13	2.98	4.20	5.14	3.12	3.31	5.64	3.18	3.09	2.74	---	2.56	2.50
14	2.82	3.90	4.68	3.10	3.31	5.42	6.30	3.07	2.69	---	2.47	2.46
15	2.78	3.68	4.36	3.08	3.76	5.21	4.43	3.16	3.05	---	2.46	2.46
16	2.78	3.38	4.14	3.08	7.05	5.03	3.93	3.08	5.02	---	2.46	2.45
17	2.85	3.11	4.06	3.08	4.35	4.85	3.69	2.96	3.77	---	2.46	2.45
18	2.86	3.03	3.83	8.17	3.83	7.21	3.50	2.89	3.72	---	2.75	2.45
19	2.86	2.97	3.63	7.52	3.62	8.08	3.33	2.80	4.23	---	2.49	2.50
20	2.85	3.27	3.49	4.22	3.87	4.68	3.25	2.81	3.65	---	2.46	2.58
21	2.84	3.34	3.40	3.82	4.82	4.51	3.19	2.93	3.30	---	2.45	2.51
22	2.70	3.06	3.39	3.57	8.85	4.50	3.12	3.28	3.74	---	2.45	2.47
23	2.59	12.72	7.92	3.41	6.35	4.50	3.08	2.79	3.48	---	2.45	2.45
24	4.19	17.26	7.46	3.36	4.48	5.00	3.03	3.25	5.58	---	2.54	2.44
25	5.57	10.47	4.68	4.63	4.04	5.16	3.00	3.24	3.98	---	2.46	2.45
26	3.19	12.51	4.19	4.36	8.77	4.75	2.97	3.58	4.69	---	2.45	2.46
27	2.82	6.17	3.81	3.57	16.38	4.43	2.94	3.07	3.25	2.50	2.47	2.45
28	2.71	5.15	3.58	3.48	17.38	4.40	3.19	2.85	3.06	2.49	2.46	2.45
29	2.67	4.61	3.47	3.42	---	4.40	3.18	2.79	2.97	2.48	2.46	2.44
30	2.64	4.38	3.50	3.39	---	4.40	3.07	3.44	2.92	2.48	2.46	2.44
31	2.62	---	3.44	3.34	---	4.40	---	3.46	---	2.47	2.46	---
MEAN	2.94	5.47	5.16	3.69	5.18	6.24	3.65	3.01	3.32	---	2.50	2.49
MAX	5.57	17.26	18.61	8.17	17.38	11.44	6.30	3.58	5.58	---	2.75	2.84
MIN	2.59	2.59	3.30	3.08	3.30	4.40	2.94	2.79	2.62	---	2.45	2.44

02436500 TOWN CREEK NEAR NETTLETON, MS

LOCATION.--Lat 34°03'32", long 88°37'40", in NW¼ sec.12, T.12 S., R.6 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160102, on right bank at downstream side of bridge on U.S. Highway 45, 1.5 mi downstream from Chiwapa Creek, 2.1 mi south of Nettleton, and 9.2 mi upstream from mouth.

DRAINAGE AREA.--620 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for October 1939, published in WSP 1304. Prior to October 1970, published as West Fork Tombigbee River near Nettleton.

REVISED RECORDS.--WSP 1504: 1948. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 194.01 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 1, 1947, at datum 10.00 ft higher.

REMARKS.--Estimated daily discharges for most of period from December 4 to March 31. Records poor.

AVERAGE DISCHARGE.--48 years, 960 ft³/s, 21.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 151,000 ft³/s, Mar. 22, 1955, gage height, 33.88 ft; minimum, 0.8 ft³/s, Sept. 14, 15, 1942.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1892, that of Mar. 22, 1955. Flood of Dec. 24, 1926, reached a stage of 32.5 ft, present datum, from floodmark.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 24	0345	*22,700	*26.27	Jan. 18	1900	16,600	23.86
Nov. 26	0130	20,400	25.36	Feb. 27	0400	21,800	26.02
Dec. 9	1645	19,500	25.16	Feb. 28	1745	19,800	25.28

Minimum daily discharge, 13 ft³/s, Aug. 17 and Sept. 28.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	46	1460	490	288	8310	470	120	339	123	23	18
2	39	38	1230	465	641	3220	366	105	179	627	26	17
3	32	36	720	440	591	2360	407	173	117	223	21	17
4	30	36	500	420	405	1810	371	142	103	163	19	16
5	32	50	425	405	333	1470	326	116	84	115	41	16
6	34	51	410	400	405	1220	310	109	71	96	436	16
7	36	355	425	400	669	1030	298	117	61	145	40	15
8	39	1910	3410	400	411	1270	290	125	55	207	24	15
9	83	9040	14200	570	300	1570	265	94	53	119	19	15
10	54	2040	10200	550	290	820	249	93	49	203	17	22
11	47	1320	2960	425	290	710	278	168	49	70	45	351
12	368	1080	2030	390	280	680	278	182	47	57	53	64
13	449	721	1520	380	265	640	268	141	68	49	35	35
14	112	559	1190	370	265	600	1560	124	70	47	24	25
15	73	477	977	360	860	580	1050	316	135	41	18	21
16	60	372	800	340	4390	580	729	162	1100	38	15	20
17	59	260	780	900	1490	600	586	135	727	35	13	18
18	62	213	700	8430	871	2820	478	125	512	32	442	18
19	60	186	625	6480	705	2890	374	91	1230	29	650	19
20	57	831	550	1450	692	1150	314	87	1040	28	78	22
21	56	524	500	877	1600	780	276	193	469	27	44	20
22	50	286	510	640	7770	670	259	296	1250	28	33	17
23	36	12000	5350	500	3880	660	220	164	446	29	27	16
24	1530	20200	5010	480	1540	1720	202	821	1690	72	23	16
25	3140	10300	1760	2040	1110	700	177	623	463	42	25	16
26	388	13000	1130	1520	6740	550	164	1190	924	28	22	15
27	143	3240	700	609	17000	520	148	292	257	23	25	14
28	85	2060	640	479	16700	480	177	152	160	22	27	13
29	66	1530	585	417	---	470	189	110	129	21	21	15
30	53	1310	540	384	---	750	166	172	112	20	18	15
31	48	---	500	314	---	550	---	591	---	21	18	---
TOTAL	7354	84071	62337	32325	70781	42180	11245	7329	11989	2780	2322	917
MEAN	237	2802	2011	1043	2528	1361	375	236	400	89.7	74.9	30.6
MAX	3140	20200	14200	8430	17000	8310	1560	1190	1690	627	650	351
MIN	30	36	410	314	265	470	148	87	47	20	13	13
CFSM	.38	4.52	3.24	1.68	4.08	2.20	.61	.38	.65	.15	.12	.05
IN.	.44	5.04	3.74	1.94	4.25	2.53	.67	.44	.72	.17	.14	.06
CAL YR 1986	TOTAL	258802	MEAN 709	MAX 20200	MIN 12	CFSM 1.14	IN 15.53					
WTR YR 1987	TOTAL	335630	MEAN 920	MAX 20200	MIN 13	CFSM 1.48	IN 20.14					

MOBILE RIVER BASIN

02436500 TOWN CREEK NEAR NETTLETON, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1962-65, 1968, 1974 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY 05...	0830	121	331	8.00	22.0	>24.0	7.5	86
JUL 21...	1130	29	450	9.60	29.5	>12.3	17.4	227

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 27...	1310	134	45	16	95
NOV 24...	0050	21800	1470	86500	63
24...	0540	22000	993	59000	53
25...	0850	6540	442	7800	89
DEC 08...	1130	2820	1040	7920	65
JAN 20...	1330	1300	248	870	--
FEB 23...	1730	2370	521	3330	--
APR 14...	0820	1160	701	2200	--
14...	0905	1380	1120	4170	--
14...	1100	2060	1500	8340	--
14...	1400	2650	1400	10000	62
14...	2000	2010	989	5370	--
15...	0840	1080	448	1310	--
JUN 04...	1500	97	45	12	--
JUL 07...	1200	85	31	7.1	--
AUG 19...	1100	392	349	369	--

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM
JUL 07...	1202	25.0	--	3	32	78	99	--	--
07...	1204	50.0	1	4	33	79	98	99	99
07...	1206	75.0	1	2	13	68	97	98	99

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM	SED. SUSP. FALL DIAM. % FINER THAN .004 MM	SED. SUSP. FALL DIAM. % FINER THAN .008 MM	SED. SUSP. FALL DIAM. % FINER THAN .016 MM	SED. SUSP. FALL DIAM. % FINER THAN .031 MM	SED. SUSP. FALL DIAM. % FINER THAN .062 MM	SED. SUSP. FALL DIAM. % FINER THAN .125 MM	SED. SUSP. FALL DIAM. % FINER THAN .250 MM	SED. SUSP. FALL DIAM. % FINER THAN .500 MM	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM	SED. SUSP. FALL DIAM. % FINER THAN 2.00 MM
NOV 24...	0050	33	38	42	48	55	63	77	97	99	99	100
24...	0540	30	33	37	42	47	53	71	98	100	--	--
25...	0850	47	50	58	65	79	89	95	99	100	--	--
DEC 08...	1130	30	35	41	46	56	65	81	98	100	--	--
APR 14...	1400	27	31	35	43	53	62	76	95	100	--	--

02437000 TOMBIGBEE RIVER NEAR AMORY, MS

LOCATION.--Lat 33°59'07", long 88°33'03", in NW¼NE¼ sec.3, T.13 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, near right bank on downstream side, of bridge on U.S. Highway 278, 0.3 mi downstream from Town Creek, 3.5 mi west of Amory, and at mile 378.9.

DRAINAGE AREA.--1,928 mi², prior to construction of Tennessee-Tombigbee Waterway.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1937 to current year. Monthly discharge only for October and November 1937, published in WSP 1304. Discharge greater than 1000 ft³/s only since October 1985. Daily mean gage heights published since October 1971.

REVISED RECORDS.--WSP 1504: 1948. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 178.34 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 10, 1939, nonrecording gage at site 1,500 ft upstream at same datum. Oct. 10, 1939 to Oct. 16, 1948, nonrecording gage at present site and datum. Water-stage recorder for station at Aberdeen (station 02437500), 20 mi downstream, was used as an auxiliary gage for this station 1950-58.

REMARKS.--No estimated daily discharges. Records good. Discharges below 1,000 ft³/s not determined. Some regulation by Tennessee-Tombigbee Waterway. Telemeter at station.

AVERAGE DISCHARGE.--47 years, (water year 1937-84) 3,156 ft³/s, 22.22 in/yr, prior to construction of Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 162,000 ft³/s, Mar. 17, 1973, gage height, 34.65 ft; minimum, 45 ft³/s, Sept. 20, 1954; minimum gage height, 0.77 ft, Sept. 1, 1943.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1892 reached a stage of 33.5 ft and the flood of December 1926 reached a stage of 31.5 ft, from U. S. Army Corps of Engineers profiles.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	1900	16,200	19.82	Jan. 19	0745	21,500	21.93
Nov. 24	1730	34,600	25.40	Feb. 23	0200	19,000	20.96
Nov. 26	1400	34,900	25.46	Mar. 1	0445	*35,700	*25.61
Dec. 10	0900	23,400	22.62				

Minimum daily discharge, not determined.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	6110	1270	1370	33200	1640	---	---	---		
2	---	---	4090	1170	1890	24500	1450	---	---	1950		
3	---	---	2490	---	1910	17400	1310	---	---	1190		
4	---	---	1920	---	1680	10800	1350	---	---	---		
5	---	---	1460	---	1400	7070	1280	---	---	---		
6	---	---	1410	---	1230	4160	1400	---	---	---		
7	---	---	1110	---	1750	2650	1240	---	---	---		
8	---	2460	2930	---	1450	2650	1080	---	---	---		
9	---	11400	13000	---	1170	3810	---	---	---	---		
10	---	7530	21700	---	---	2670	---	---	---	---		
11	---	4160	16700	---	---	2250	1200	---	---	---		
12	---	4670	17500	---	---	1830	1270	1110	---	---		
13	1200	3840	11900	---	---	1710	1360	---	---	---		
14	---	3220	7150	---	---	1620	2440	---	---	---		
15	---	2250	4830	---	1080	1370	2390	---	---	---		
16	---	1540	2970	---	7440	1460	2480	1000	1210	---		
17	---	---	2230	---	4010	1230	2200	1030	1420	---		
18	---	---	1990	7120	2700	4490	1690	1010	1110	---		
19	---	---	1780	18200	2350	6100	1180	---	1700	---		
20	---	1390	1640	7440	1960	4230	1170	---	1360	---		
21	---	1530	1440	5690	2570	3970	---	---	---	---		
22	---	1340	1280	5060	8660	3430	---	---	1690	---		
23	---	9440	5290	2780	13600	2370	---	---	---	---		
24	1030	31600	12600	2000	5710	3280	1040	1470	1900	---		
25	7830	26300	6560	3620	5450	3000	---	1890	1520	---		
26	2040	32200	5640	4780	7940	2090	---	2060	1320	---		
27	1320	23700	4560	2550	27900	1720	---	1650	---	---		
28	1060	16700	3760	2600	28300	1570	---	---	---	---		
29	---	11500	2490	2130	---	1350	---	---	---	---		
30	---	8030	1940	1830	---	1050	---	---	---	---		
31	---	---	1650	1550	---	1040	---	---	---	---		
TOTAL	---	---	172120	---	---	160070	---	---	---	---		
MEAN	---	---	5552	---	---	5164	---	---	---	---		
MAX	---	---	21700	---	---	33200	---	---	---	---		
MIN	---	---	1110	---	---	1040	---	---	---	---		
CFSM	---	---	2.88	---	---	2.68	---	---	---	---		
IN.	---	---	3.32	---	---	3.09	---	---	---	---		

MOBILE RIVER BASIN

02437000 TOMBIGBEE RIVER NEAR AMORY, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1963-64, 1972 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY 05...	1500	<1000	160	8.50	25.5	22.0	8.9
JUL 21...	1030	<1000	123	7.40	29.5	26.0	6.4

02439400 BUTTAHATCHEE RIVER NEAR ABERDEEN, MS

LOCATION.--Lat 33°47'24", long 88°18'53", in NW¼ sec.3, T.15 S., R.17 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160103, near right bank on downstream side of bridge on county highway, 10.0 mi downstream from Sipsey Creek, 13.7 mi southeast of Aberdeen, and 28.6 mi upstream from the mouth.

DRAINAGE AREA.--799 mi².

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

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 220.77 ft Mississippi State Highway Department datum.

REMARKS.--Estimated daily discharges: Sept. 22-30. Records good. U. S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--21 years, 1,430 ft³/s, 24.30 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80,000 ft³/s, Mar. 17, 1973, gage height, 23.48 ft (corrected), observed at crest; minimum discharge, 115 ft³/s, Aug. 6-8, 1986; minimum gage height, 4.26 ft, Sept. 16, 1972.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1892 and 1893 reached stages of 21 ft, and floods Feb. 4, 1951 and Mar. 30, 1951, reached stages of 19.46 ft and 19.56 ft, respectively, from information by local residents; flood of Apr. 12, 1962, reached a stage of 19.01 ft, from floodmark; all at present datum.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 28	0400	14,300	16.73	Mar. 1	0900	13,600	16.60
Jan. 20	2300	*15,900	*17.01				

Minimum discharge, 98 ft³/s, Sept. 6-8, gage height, 4.44 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	129	347	3290	1100	1540	12400	1220	402	425	293	136	110
2	126	318	2340	1020	1440	10100	1110	392	661	303	138	108
3	130	295	1890	947	1570	8370	1050	382	523	380	145	107
4	221	285	1540	888	1640	5670	1050	382	391	400	153	105
5	171	278	1270	868	1420	3900	1010	388	497	406	164	101
6	151	280	1110	843	1260	2910	944	374	376	437	219	99
7	141	325	1000	790	1450	2250	905	363	305	373	219	98
8	134	542	963	752	1670	2130	878	437	267	313	350	102
9	137	1230	1120	723	1500	2640	854	482	245	293	284	129
10	147	1580	1700	728	1240	3170	825	383	230	306	210	120
11	184	1550	2570	820	1110	3290	798	341	219	336	183	161
12	215	1040	3280	802	1050	2740	806	344	211	331	168	308
13	233	887	3420	716	1010	2050	807	539	217	276	168	437
14	382	730	2510	680	970	1740	795	518	295	247	224	375
15	495	608	1710	716	956	1570	889	440	487	236	202	263
16	367	551	1440	858	1340	1450	911	399	535	252	170	208
17	275	529	1280	878	2220	1350	811	383	651	229	152	179
18	228	513	1170	1390	3010	1440	764	350	481	210	174	166
19	203	484	1110	3620	3280	2000	715	336	615	197	204	164
20	189	511	1030	9320	2380	2730	670	335	746	185	180	163
21	178	1080	949	12600	1780	3490	630	341	887	176	163	172
22	171	1550	874	7460	2030	3640	598	379	1060	167	150	163
23	167	1230	995	4700	2790	2570	573	394	808	161	141	155
24	181	1880	1870	3150	3630	2020	551	656	1170	159	132	145
25	538	3330	2830	2450	4340	2100	525	577	1390	164	125	130
26	1650	8580	3530	2690	3580	2130	501	670	853	173	119	120
27	1840	10600	3480	3310	3700	1710	485	578	552	171	123	125
28	951	12400	2250	3760	6650	1470	463	433	418	158	124	120
29	599	7960	1600	3180	---	1330	443	351	350	148	117	115
30	464	5090	1350	2240	---	1240	422	311	308	161	114	110
31	393	---	1210	1800	---	1230	---	297	---	144	113	---
TOTAL	11390	66583	56681	75799	60556	96830	23003	12957	16173	7785	5264	4858
MEAN	367	2219	1828	2445	2163	3124	767	418	539	251	170	162
MAX	1840	12400	3530	12600	6650	12400	1220	670	1390	437	350	437
MIN	126	278	874	680	956	1230	422	297	211	144	113	98
CFSM	.46	2.78	2.29	3.06	2.71	3.92	.96	.52	.68	.32	.21	.20
IN.	.53	3.10	2.64	3.53	2.82	4.51	1.07	.60	.75	.36	.25	.23

CAL YR 1986	TOTAL	321710	MEAN	881	MAX	12400	MIN	115	CFSM	1.10	IN	15.00
WTR YR 1987	TOTAL	437879	MEAN	1200	MAX	12600	MIN	98	CFSM	1.50	IN	20.41

MOBILE RIVER BASIN

02441000 TIBBEE CREEK NEAR TIBBEE, MS

LOCATION.--Lat 33°32'17", long 88°38'00", in SW¼ sec.4, T.19 N., R.16 E., Choctaw Meridian, Clay County, Hydrologic Unit 03160104, on right bank 10 ft downstream from bridge on old State Highway 25, 560 ft upstream from Illinois Central and Gulf Railroad bridge, 0.7 mi north of Tibbee, 4.5 mi upstream from Magee Creek, 5.0 mi south of West Point, 9.8 mi upstream from Cataiba Creek, and 17.7 mi upstream from mouth.

DRAINAGE AREA.--926 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1928 to September 1930, October 1939 to January 1981, February 1981 to current year (high water records only). Monthly discharge only for September 1930 and October 1939, published in WSP 1034. Prior to October 1950, published as Tibbee River near Tibbee.

REVISED RECORDS.--WSP 1504: 1929-30. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 154.07 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Aug. 7, 1928 to Aug. 31, 1930, nonrecording gage at site 560 ft downstream at present datum. Nov. 5 to Dec. 6, 1939, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. Discharges below 500 ft³/s not determined. Telemeter at station.

AVERAGE DISCHARGE.--43 years (water years 1929-30, 1940-80), 1,343 ft³/s, 19.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 81,600 ft³/s, Mar. 17, 1973, gage height, 32.26 ft; no flow at times many years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in December 1926 reached a stage of 31.5 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 28	0230	13,700	23.87	Mar. 1	0945	*19,700	*25.20
Jan. 20	1600	14,100	23.95				

Minimum discharge, not determined.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	2120	---	---	19100			---		---	
2	---	---	805	---	545	15400			---		---	
3	---	---	653	---	1190	10300			---		---	
4	---	---	508	---	1160	5850			---		---	
5	---	---	---	---	742	2100			---		---	
6	---	---	---	---	735	824			---		---	
7	---	---	---	---	2290	635			---		---	
8	---	896	---	---	3250	1790			---		---	
9	---	1200	558	---	2410	5420			---		---	
10	---	1850	1470	---	1100	7670			---		---	
11	---	2240	2360	---	573	6100			---		---	
12	---	2520	3350	---	---	2650			---		---	
13	---	1370	2920	---	---	830			---		---	
14	---	---	1060	---	---	617			---		---	
15	---	---	679	---	659	513			---		---	
16	---	---	634	---	2990	---			---		---	
17	---	---	585	---	5200	---			---		---	
18	---	---	536	2100	5720	1210			---		---	
19	---	---	537	6710	4240	2820			---		586	
20	---	---	---	13000	1320	3800			---		---	
21	---	931	---	11700	1080	2770			---		---	
22	---	833	---	7490	2760	880			---		---	
23	---	771	1050	3470	6420	597			---		---	
24	---	2070	2820	887	9300	1310			---		---	
25	---	3080	4140	1350	8730	2000			---		---	
26	993	6060	4620	2350	6170	1560			576		---	
27	---	11700	3670	2840	6640	768			---		---	
28	---	12800	1220	1640	14400	529			---		---	
29	---	9190	660	796	---	---			---		---	
30	---	5690	540	594	---	---			---		---	
31	---	---	---	511	---	---			---		---	
TOTAL	---	---	---	---	---	---			---		---	
MEAN	---	---	---	---	---	---			---		---	
MAX	---	---	---	---	---	---			---		---	
MIN	---	---	---	---	---	---			---		---	
CFSM	---	---	---	---	---	---			---		---	
IN.	---	---	---	---	---	---			---		---	

02441000 TIBBEE CREEK NEAR TIBBEE, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974-75, 1977-80, 1983 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY 06...	1030	<500	318	7.80	23.0	23.0	5.7	66
JUL 22...	0800	<500	230	7.80	28.0	27.6	5.0	63

02441390 TOMBIGBEE RIVER AT COLUMBUS LOCK AND DAM, NEAR COLUMBUS, MS

LOCATION.--Lat 33°31'05", long 88°29'19", in NE¼ sec.11, T.18 S., R.19 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, at control tower on right bank of lock, 3.5 mi northwest of Columbus, 4.1 mi upstream from 02441500 Tombigbee River at Columbus, 6.4 mi upstream from Luxapallila Creek, and at mile 325.3.

DRAINAGE AREA.--4,440 mi².

PERIOD OF RECORD.--October 1899 to December 1912. August 1928 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to April 1981, published as "02441500 Tombigbee River at Columbus". Gage-height records collected in this vicinity, 1890 to 1971, are contained in reports of National Weather Service, and 1972 to present at site 02441500 Tombigbee River at Columbus.

GAGE.--Water-stage, gate-position, and lockage recorder. Datum of gage is 100.00 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to April 1, 1982, water-stage recorder at site 4.1 mi downstream at datum 28.91 ft higher (see 02441500 Tombigbee River at Columbus).

REMARKS.--No estimated daily discharges. Records fair except those below 1,000 ft³/s, which are poor. Reservoir is formed by earth fill dam with concrete spillway with five 60 ft wide tainter gates with sill elevation of 138.0 ft above NGVD of 1929 and 110 ft by 600 ft lock with maximum lift of 27 ft at normal pool elevation of 163.0 ft above NGVD of 1929. Minimum flow structure with manually operated gates and maximum discharge of about 300 ft³/s at normal pool. Storage began Jan. 16, 1981; dam completed Jan. 29, 1981. Capacity 59,500 acre-ft at normal pool. Regulation for maintenance of navigational pool only. Beginning April 1, 1981, daily discharge computed from relation between discharge, head, gate openings, lockages, and minimum flow structure.

AVERAGE DISCHARGE.--72 years, 6,587 ft³/s, 20.15 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 194,000 ft³/s, Mar. 19, 1973, gage height, 42.22 ft, site and datum then in use; minimum daily, 120 ft³/s, Sept. 25, 1984.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 8, 1892, the greatest since at least 1867, reached an elevation of 173.0 ft above NGVD of 1929 at site 3.93 mi downstream, discharge 278,000 ft³/s estimated by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 65,200 ft³/s, Mar. 1, 2, gage height 62.97 ft; minimum daily discharge, 265 ft³/s, Oct. 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	655	1160	16000	3670	4700	63700	4400	1520	1270	1770	337	349
2	635	2140	11100	4180	6420	61400	4990	1840	1730	3970	365	598
3	634	1090	7380	3180	6590	48200	3820	1520	1670	3500	350	333
4	676	1050	5920	3950	6210	32100	3630	2080	2020	2870	673	332
5	635	1460	4270	3130	4600	18500	3440	1410	808	1650	967	337
6	661	698	4220	3210	6740	11600	3710	1660	1660	2140	1420	526
7	342	2910	2930	3180	10400	9030	3220	1830	884	1590	738	486
8	484	5610	5090	3060	7940	15200	2770	1660	1200	2000	647	780
9	1990	14600	13200	2880	7450	20000	2810	1350	785	1600	679	1100
10	265	14500	25900	3340	4840	16500	2880	1890	753	1850	677	1460
11	668	9520	22900	3190	3890	15400	3190	1750	1080	933	499	1860
12	1720	9840	23300	3600	3440	10800	3020	2980	728	1770	597	1480
13	2490	7340	20400	2780	3580	6780	3310	877	1600	655	711	647
14	1430	5090	13400	2580	3170	5540	4260	2770	1380	815	411	1760
15	790	4220	10300	3470	5610	5230	5170	2440	1350	642	669	514
16	1120	2670	7470	2970	18100	5310	5060	2300	2500	416	322	971
17	793	2520	5510	3750	14400	3960	4750	1960	3520	1030	290	604
18	1310	2160	5520	18600	13600	9770	3320	1940	2820	856	462	828
19	347	2110	4740	44800	12300	13100	3080	1890	3780	1060	2990	764
20	1130	4350	3780	28800	8740	12500	3140	1460	4230	324	385	823
21	789	3910	4030	28800	8380	11500	2210	1780	2540	748	350	477
22	835	4670	3040	30800	20700	10000	2970	2560	5590	754	506	646
23	568	11300	10300	18300	33200	8080	2090	2080	3170	584	486	369
24	3250	34900	22900	9940	21000	12200	2340	3300	5450	560	513	766
25	10200	39200	16200	12300	20800	10900	1650	4130	4870	811	509	542
26	4590	44300	14800	15300	23500	7600	1770	4610	4010	1190	547	527
27	4550	46200	14100	10900	53100	6390	2270	3290	1900	505	290	481
28	2970	42500	10600	9870	57900	5160	1400	2480	2070	378	391	376
29	2290	38800	6700	8230	---	5260	1770	1770	1480	476	731	625
30	1660	27300	5890	7520	---	4760	1900	2050	1280	372	433	729
31	1470	---	4420	5660	---	3990	---	2460	---	311	351	---
TOTAL	51947	388118	326310	305940	391300	470460	93990	67637	68128	38130	19296	22090
MEAN	1676	12940	10530	9869	13980	15180	3133	2182	2271	1230	622	736
MAX	10200	46200	25900	44800	57900	63700	5170	4610	5590	3970	2990	1860
MIN	265	698	2930	2580	3170	3960	1400	877	728	311	290	332
CFSM	.38	2.91	2.37	2.22	3.15	3.42	.71	.49	.51	.28	.14	.17
IN.	.44	3.25	2.73	2.56	3.28	3.94	.79	.57	.57	.32	.16	.19

CAL YR 1986 TOTAL 1571728 MEAN 4306 MAX 46200 MIN 265 CFSM .97 IN 13.17
WTR YR 1987 TOTAL 2243346 MEAN 6146 MAX 63700 MIN 265 CFSM 1.38 IN 18.80

02441500 TOMBIGBEE RIVER AT COLUMBUS, MS

LOCATION.--Lat 33°29'21", long 88°25'57", in NE¼ sec.20, T.18 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, on left bank at Columbus, 1,200 ft downstream from bridge on old U.S. Highway 45E and 82, 1,800 ft upstream from Gulf, Mobile and Ohio Railroad bridge, 2.3 mi upstream from Luxapallila Creek, 4.1 mi downstream from 02441390 Tombigbee River at Columbus Lock and Dam, near Columbus, 6.7 mi downstream from Tibbee Creek, and at mile 319.7.

DRAINAGE AREA.--4,463 mi².

PERIOD OF RECORD.--October 1899 to December 1912, August 1928 to March 1981; April 1981 to current year (gage heights only). Monthly discharge only for some periods, published in WSP 1304. Daily mean gage heights published since January 1972. Gage-height records collected in this vicinity, 1890 to 1971, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 662: Drainage area, WSP 727: 1928-29. WSP 802: 1929(M). WSP 1504: 1900-03, 1950.

GAGE.--Water-stage recorder. Datum of gage is 128.91 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 7, 1934, nonrecording gage at various sites within 0.2 mi of present site, at datum 4.00 ft higher prior to Mar. 13, 1934, and at present datum thereafter. Mar. 3, 1941 to Sept. 30, 1968, auxiliary nonrecording at gage site 3.7 mi upstream at different datum. Oct. 1, 1968, to Sept. 30, 1971, auxiliary nonrecording gage 2.1 mi upstream from base gage at datum 128.82 ft above NGVD of 1929.

REMARKS.--Stage affected since Dec. 27, 1979, by Aliceville Lock and Dam 32.0 mi downstream, normal pool elevation 136.0 ft above NGVD and since Jan. 16, 1981, by Columbus Lock and Dam, 4.1 mi upstream.

AVERAGE DISCHARGE.--See 02441390 Tombigbee River at Columbus Lock and Dam, near Columbus.

EXTREMES FOR PERIOD OF RECORD.--See 02441390.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 8, 1892, the greatest since at least 1867, reached an elevation of 173.0 ft above NGVD of 1929 at site 1,100 ft upstream (corresponding stage at gage about 44 ft) discharge 268,000 ft³/s estimated by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--See 02441390 for discharge records. Maximum gage height, 25.19 ft, Mar. 2; minimum, 7.01 ft, Apr. 29.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.40	7.41	11.29	7.73	7.98	24.57	7.86	7.47	7.43	7.49	7.23	7.49
2	7.42	7.49	9.54	7.86	8.19	24.74	7.91	7.43	7.48	7.77	7.24	7.51
3	7.40	7.37	8.53	7.65	8.37	21.49	7.67	7.46	7.44	7.68	7.30	7.50
4	7.44	7.43	8.16	7.70	8.24	16.90	7.70	7.50	7.42	7.54	7.38	7.47
5	7.36	7.43	7.85	7.60	7.97	12.61	7.62	7.43	7.35	7.45	7.39	7.43
6	7.37	7.37	7.84	7.64	8.23	10.00	7.72	7.47	7.43	7.51	7.48	7.42
7	7.35	7.65	7.66	7.61	9.44	9.07	7.60	7.43	7.40	7.51	7.35	7.50
8	7.34	8.01	7.95	7.57	8.81	10.40	7.61	10.82	7.43	7.45	7.42	7.52
9	7.52	9.67	9.64	7.61	8.62	12.74	7.63	7.43	7.41	7.48	7.38	7.69
10	7.32	10.30	13.34	7.59	8.07	11.42	7.65	7.51	7.41	7.49	7.41	7.43
11	7.40	8.74	13.15	7.60	7.86	11.08	7.70	7.51	7.40	7.45	7.42	7.46
12	7.55	8.79	13.17	7.64	7.71	9.75	7.69	7.54	7.43	7.48	7.40	7.40
13	7.54	8.33	12.53	7.53	7.76	8.45	7.70	7.47	7.40	7.41	7.33	7.38
14	7.45	7.88	10.42	7.57	7.72	8.20	7.79	7.54	7.42	7.35	7.39	7.44
15	7.42	7.78	9.32	7.61	8.03	8.07	7.92	7.54	7.44	7.38	7.42	7.38
16	7.44	7.57	8.58	7.57	11.40	8.04	7.84	7.53	7.54	7.42	7.35	7.45
17	7.43	7.50	8.06	7.68	10.91	7.92	7.80	7.53	7.79	7.41	7.35	7.41
18	7.43	7.50	8.03	11.22	10.60	9.04	7.63	7.55	7.62	7.44	7.42	7.43
19	7.31	7.53	7.80	18.77	10.08	10.12	7.58	7.51	7.73	7.42	7.91	7.39
20	7.40	7.80	7.82	16.69	9.10	10.21	7.61	7.43	7.78	7.30	7.82	7.38
21	7.37	7.70	7.77	16.00	8.84	9.78	7.50	7.48	7.59	7.37	7.78	7.39
22	7.45	7.86	7.65	16.02	11.38	9.29	7.54	7.57	8.04	7.44	7.73	7.36
23	7.43	9.14	8.91	12.48	16.08	8.74	7.50	7.55	7.57	7.38	7.71	7.33
24	7.78	14.93	12.85	9.51	13.12	9.62	7.47	7.60	7.95	7.37	7.68	7.38
25	8.86	16.95	11.44	9.89	12.60	9.67	7.39	7.75	7.84	7.38	7.68	7.33
26	7.76	18.09	10.77	10.99	12.91	8.64	7.43	7.79	7.66	7.37	7.67	7.38
27	7.80	19.19	10.44	9.84	19.91	8.25	7.52	7.61	7.47	7.33	7.65	7.39
28	7.60	18.47	9.54	9.47	22.90	7.98	7.43	7.50	7.51	7.36	7.58	7.40
29	7.55	17.50	8.42	8.95	---	7.97	7.44	7.46	7.46	7.38	7.55	7.44
30	7.46	14.74	8.15	8.65	---	7.82	7.32	7.48	7.43	7.39	7.58	7.33
31	7.43	---	7.87	8.15	---	7.71	---	7.49	---	7.30	7.55	---
MEAN	7.51	10.14	9.50	9.56	10.46	10.98	7.63	7.63	7.54	7.44	7.50	7.43
MAX	8.86	19.19	13.34	18.77	22.90	24.74	7.92	10.82	8.04	7.77	7.91	7.69
MIN	7.31	7.37	7.65	7.53	7.71	7.71	7.32	7.43	7.35	7.30	7.23	7.33
CAL YR 1986	MEAN 8.09		MAX 19.19	MIN 7.24								
WTR YR 1987	MEAN 8.60		MAX 24.74	MIN 7.23								

MOBILE RIVER BASIN

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS

LOCATION.--Lat 33°30'50", long 88°23'44", in NW¼SW¼ sec.11, T.18 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on right bank at Columbus Water Works pumping plant, 175 ft upstream from bridge on county highway (formerly State Highway 50), 0.6 mi upstream from Magby Creek, 1.4 mi upstream from U. S. Highway 82 and 6.2 mi upstream from mouth.

DRAINAGE AREA.--715 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1928 to September 1930, October 1974 to current year.

REVISED RECORDS.--WSP 1304: 1929, 1930 (Monthly values only). WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 142.23 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 3, 1974, nonrecording gage at same site. September 1928 to September 1930 at undetermined datum, but believed to be same as present datum.

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

AVERAGE DISCHARGE.--15 years, 1,183 ft³/s, 22.47 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40,400 ft³/s, Apr. 14, 1979, gage height, 32.35 ft; minimum, since October 1974, 42 ft³/s, Sept. 5, 1987, gage height, 6.79 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1892, 35.3 ft, April 1892, from information by U. S. Army Corps of Engineers. The flood of January 1949, reached a stage of 32.8 ft and the flood of December 1961, reached a stage of 31.8 ft, according to information by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Mar. 1	0630	*9,600	*21.41	No other peak greater than base discharge.			

Minimum discharge, 42 ft³/s, Sept. 5, gage height, 6.79 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77	170	1430	686	1040	9400	1020	187	130	147	56	51
2	77	162	1150	631	979	8090	918	181	140	142	57	51
3	75	151	997	586	991	4990	883	180	142	193	57	51
4	77	144	872	570	1070	3160	864	176	130	234	65	48
5	75	143	763	565	998	2250	843	176	126	250	68	46
6	74	145	656	559	959	1760	799	198	139	240	81	46
7	71	156	577	535	1320	1450	729	219	123	237	89	48
8	70	175	533	505	1820	1630	677	236	108	179	94	50
9	86	223	571	480	1620	2370	637	404	99	154	83	64
10	98	334	1020	489	1310	2380	603	380	94	137	74	63
11	111	427	1670	508	1120	1950	601	283	91	122	69	60
12	151	451	1890	537	964	1580	595	227	85	117	66	67
13	186	368	1670	512	864	1340	582	236	92	115	64	76
14	226	295	1380	483	808	1150	569	327	104	103	66	98
15	302	260	1140	495	818	1040	540	506	165	95	67	111
16	288	234	951	526	1380	955	518	575	259	100	64	102
17	212	221	821	562	2350	902	500	524	356	100	63	87
18	166	221	737	1120	2700	1130	473	401	264	93	77	79
19	143	220	688	3860	1890	1840	444	328	220	87	80	82
20	129	294	649	6660	1650	2300	414	272	214	81	119	80
21	120	393	608	6720	1390	1780	385	235	333	76	127	92
22	114	567	562	4230	1560	1570	354	206	396	74	98	88
23	110	673	695	2620	2380	1310	331	192	375	72	83	79
24	124	805	1390	1880	2690	1270	304	180	327	69	76	73
25	187	1190	2100	1700	2270	1270	279	225	251	69	67	68
26	374	2410	2000	1970	2060	1130	257	254	331	69	61	64
27	618	3420	1520	2540	4220	988	239	241	401	67	56	65
28	494	3520	1310	2050	7100	888	225	209	288	63	55	62
29	349	2780	1060	1730	---	810	211	172	184	60	52	61
30	247	2010	876	1480	---	822	197	150	151	57	51	62
31	195	---	758	1210	---	951	---	137	---	56	50	---
TOTAL	5626	22562	33044	48999	50321	64456	15991	8217	6118	3658	2235	2074
MEAN	181	752	1066	1581	1797	2079	533	265	204	118	72.1	69.1
MAX	618	3520	2100	6720	7100	9400	1020	575	401	250	127	111
MIN	70	143	533	480	808	810	197	137	85	56	50	46
CFSM	.25	1.05	1.49	2.21	2.51	2.91	.75	.37	.29	.17	.10	.10
IN.	.29	1.17	1.72	2.55	2.62	3.35	.83	.43	.32	.19	.12	.11

CAL YR 1986	TOTAL	173495	MEAN	475	MAX	3520	MIN	59	CFSM	.66	IN	9.03
WTR YR 1987	TOTAL	263301	MEAN	721	MAX	9400	MIN	46	CFSM	1.01	IN	13.70

MOBILE RIVER BASIN

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02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY 06...	0745	183	33	6.90	21.5	42.5	77
JUL 22...	1130	75	31	6.60	26.5	54.0	59

MOBILE RIVER BASIN

02448000 NOXUBEE RIVER AT MACON, MS

LOCATION.--Lat 33°06'08", long 88°33'40", in NE¼ sec.4, T.14 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on left bank at downstream side of bridge on U.S. Highway 45 at Macon, 0.2 mi upstream from Cedar Creek, 1.0 mi downstream from Illinois Central and Gulf Railroad bridge, 1.5 mi downstream from Horse Hunters Creek, and 6.2 mi upstream from Running Water Creek.

DRAINAGE AREA.--768 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1928 to September 1932, September 1938 to current year. Monthly discharge only June to September 1932, published in WSP 1304.

REVISED RECORDS.--WSP 1624: 1929-30, 1932. WDR MS-78-1: 1977. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 142.38 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to May 31, 1932, nonrecording gage at site 40 ft downstream at different datum. Sept. 21, 1938 to Aug. 10, 1939, nonrecording gage at present site and datum.

REMARKS.--Estimated daily discharges: July 29 to Aug. 31. Records good. Telemeter at station.

AVERAGE DISCHARGE.--53 years, 1,052 ft³/s, 18.60 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 125,000 ft³/s, Apr. 13, 1979, gage height, 38.97 ft from floodmark; minimum, 22 ft³/s, Aug. 25, 26, 1943, gage height, 4.89 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1892 reached a stage of about 34 ft, present site and datum, from information by local residents. Flood in December 1926 reached a stage of about 30 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	1300	5,400	22.59	Feb. 28	1800	*13,500	*28.84
Jan. 20	1900	5,980	23.94				

Minimum discharge, 49 ft³/s, Oct. 1; minimum gage height, 5.39 ft, Sept. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	123	3430	490	639	11300	676	128	156	149	72	59
2	53	95	2900	418	625	9920	560	121	138	155	70	58
3	50	89	1340	363	828	8790	537	117	127	125	68	57
4	50	88	664	458	776	7650	603	116	945	121	70	56
5	49	92	470	568	768	6440	567	105	523	110	100	57
6	50	102	373	469	938	4870	486	260	225	105	80	61
7	54	108	311	397	3150	2420	445	516	211	110	74	95
8	58	107	273	363	3490	2460	408	242	201	119	70	67
9	83	136	368	329	2450	4420	373	205	154	120	80	67
10	722	230	2080	462	1890	4790	341	191	129	99	70	65
11	267	267	2890	417	1810	4130	315	191	115	90	66	64
12	228	229	2350	355	1310	3470	335	466	249	85	70	62
13	1310	207	1610	317	882	3650	329	333	675	82	80	63
14	738	178	1230	304	676	3530	324	515	293	79	90	64
15	347	148	902	372	877	2410	357	995	254	76	80	72
16	233	135	715	396	2980	1090	346	445	173	75	66	73
17	194	128	617	408	3110	766	349	547	211	74	90	72
18	155	129	630	3880	2370	1660	339	260	271	75	140	70
19	126	125	910	5870	2120	1900	294	232	857	70	100	70
20	106	432	775	5940	2270	1580	259	209	275	73	80	66
21	92	527	583	5680	2220	1600	236	210	322	71	80	63
22	83	601	511	4930	2900	1540	218	322	267	68	70	61
23	77	2510	1800	4810	3880	1110	206	282	275	70	68	59
24	112	3210	3880	4840	3510	1110	192	394	265	74	62	57
25	1200	3970	3580	4710	2770	1520	187	477	235	70	60	57
26	869	5170	2640	3760	3350	1300	190	508	187	67	58	58
27	406	4690	2410	2340	6200	1130	170	409	175	69	70	57
28	330	3900	2410	1910	11600	887	155	294	280	77	68	55
29	227	3330	1730	1630	---	713	144	234	204	78	66	61
30	166	3340	944	1170	---	907	134	215	152	76	62	60
31	151	---	625	867	---	963	---	182	---	74	61	---
TOTAL	8636	34396	45951	59223	70389	100026	10075	9721	8544	2786	2341	1906
MEAN	279	1147	1482	1910	2514	3227	336	314	285	89.9	75.5	63.5
MAX	1310	5170	3880	5940	11600	11300	676	995	945	155	140	95
MIN	49	88	273	304	625	713	134	105	115	67	58	55
CFSM	.36	1.49	1.93	2.49	3.27	4.20	.44	.41	.37	.12	.10	.08
IN.	.42	1.67	2.23	2.87	3.41	4.85	.49	.47	.41	.13	.11	.09
CAL YR 1986	TOTAL	165832	MEAN 454	MAX 5170	MIN 47	CFSM .59	IN 8.03					
WTR YR 1987	TOTAL	353994	MEAN 970	MAX 11600	MIN 49	CFSM 1.26	IN 17.15					

MOBILE RIVER BASIN

59

02448000 NOXUBEE RIVER AT MACON, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967, 1972-75, 1981 to current year.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT					
06...	1805	51	31	4.3	85
NOV					
18...	0945	128	27	9.3	93
JAN					
06...	1345	456	43	53	--
FEB					
17...	1030	3190	163	1400	--
26...	2000	4310	200	2330	--
MAR					
01...	1600	10700	40	1160	97
02...	2100	9590	39	1010	--
03...	1045	8840	36	859	--
31...	0920	1020	89	245	--
MAY					
12...	1000	459	100	124	--
JUN					
16...	1250	167	57	26	--
JUL					
20...	1830	74	40	8.0	--
SEP					
15...	1030	74	406	81	--

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM
MAR									
01...	1604	50.0	2	3	22	96	100	--	--
01...	1605	70.0	1	1	2	44	94	--	--
01...	1606	85.0	100	--	--	--	--	--	--
SEP									
15...	1032	25.0	--	--	2	10	20	30	41
15...	1034	50.0	--	--	1	4	7	10	15
15...	1036	75.0	--	--	2	16	30	43	60

MOBILE RIVER BASIN

02448500 NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE sec. 33, T. 23 N., R. 3 W., Sumter County, AL, Hydrologic Unit 03160108, near right bank on downstream side of bridge on State Highway 17, 0.1 mi upstream from Woodward Creek, 2.1 mi upstream from St. Louis-San Francisco Railroad bridge, 5 mi north of Geiger, and at mile 16.9.

DRAINAGE AREA.--1,097 mi².

PERIOD OF RECORD.--March 1939 to September 1940, July 1944 to September 1965, October 1965 to September 1966 (gage heights only), October 1966 to current year. (Monthly discharge only for period October to December 1966.)

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 86.08 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 30, 1940, nonrecording gage at site of old highway bridge 1 mi downstream at datum 1.44 ft lower. July 26, 1944 to June 5, 1949, nonrecording gage at site on old river channel 1 mi south at same datum. June 6, 1949 to Sept. 30, 1984, at site on old river channel 1 mi south at same datum. Water-stage recorder for Tombigbee River at Gainesville is used as an auxiliary gage for this station.

REMARKS.--Estimated daily discharges: July 12 to August 4. Records fair except those for period of estimated record, which are poor. Discharge includes flow of old river channel at bridge on State Highway 17, 1 mi south of gage.

AVERAGE DISCHARGE.--43 years (water years 1940, 1945-65, 1967-87), 1,577 ft³/s, 19.52 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 156,000 ft³/s, Apr. 14, 1979, gage height, 48.58 ft; minimum, 13 ft³/s, July 7, 1954.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 12,500 ft³/s, Mar. 1, gage height, 35.61 ft; minimum, 57 ft³/s, Oct. 1.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	125	3420	865	1030	12400	1330	213	255	258	70	62
2	78	118	3210	752	1700	12100	1010	200	214	280	68	60
3	78	100	2450	667	1700	12100	998	194	187	238	70	61
4	66	87	1340	674	1300	11900	1180	187	182	209	85	61
5	66	86	900	1090	1120	11300	1060	183	876	181	66	60
6	70	86	730	996	1110	10100	903	194	677	173	70	60
7	69	90	617	818	4020	8250	795	322	358	439	189	66
8	68	97	545	703	5200	5500	725	606	255	271	112	74
9	72	98	528	643	4340	5320	670	372	268	209	102	121
10	76	99	2240	729	2850	5330	616	301	221	171	111	94
11	544	171	3880	896	2040	4970	576	283	182	164	104	164
12	445	247	3720	749	1840	4480	535	276	180	150	94	122
13	845	245	2390	639	1400	3770	538	512	601	140	84	73
14	1330	190	1550	579	1080	3630	534	457	1160	132	80	73
15	941	165	1230	593	1270	3480	520	686	728	127	107	75
16	499	138	1090	705	4820	2400	547	988	433	118	119	68
17	281	348	1020	739	5260	1260	525	620	297	112	97	71
18	215	249	1080	5500	4020	3000	519	624	288	105	89	71
19	158	156	1540	10000	2760	3470	504	371	879	100	287	136
20	125	616	1300	10100	2280	2290	451	309	1560	95	309	252
21	110	1200	1040	9920	2380	1760	403	287	1300	90	157	88
22	100	894	873	8170	3930	1680	370	285	3320	86	152	71
23	93	2740	1820	6570	6960	1550	341	466	1270	84	119	66
24	91	5000	5430	5230	6360	1290	324	406	440	82	89	64
25	858	6300	5280	5550	4860	1410	304	473	428	80	78	62
26	1360	6800	3820	6320	4390	1570	294	809	357	78	77	61
27	1010	8170	2460	4830	8000	1370	298	651	283	76	73	61
28	552	6740	2080	2490	10200	1220	273	539	224	80	74	61
29	375	4940	1980	1790	---	1080	249	396	306	80	92	64
30	272	3340	1500	1510	---	2530	229	312	290	76	79	190
31	167	---	1060	1220	---	2020	---	284	---	72	65	---
TOTAL	11071	49635	62123	92037	98220	144530	17621	12806	18019	4556	3368	2612
MEAN	357	1654	2004	2969	3508	4662	587	413	601	147	109	87.1
MAX	1360	8170	5430	10100	10200	12400	1330	988	3320	439	309	252
MIN	57	86	528	579	1030	1080	229	183	180	72	65	60
CFSM	.33	1.51	1.83	2.71	3.20	4.25	.54	.38	.55	.13	.10	.08
IN.	.38	1.68	2.11	3.12	3.33	4.90	.60	.43	.61	.15	.11	.09

CAL YR 1986 TOTAL 243440 MEAN 667 MAX 8170 MIN 56 CFSM .61 IN. 8.26
WTR YR 1987 TOTAL 516598 MEAN 1415 MAX 12400 MIN 57 CFSM 1.29 IN. 17.53

PASCAGOULA RIVER BASIN

61

02472000 LEAF RIVER NEAR COLLINS, MS

LOCATION.--Lat 31°42'25", long 89°24'25", in NE¼ sec.33, T.9 N., R.14 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on right bank at downstream side of bridge on U.S. Highway 84, 2.0 mi downstream from Oakohay Creek, 10.6 mi upstream from Big Creek, 9.5 mi northeast of Collins, and at mile 114.5.

DRAINAGE AREA.--743 mi².

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WSP 2106: 1950(M). WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 197.01 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 8, 1938, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 1,095 ft³/s, 20.01 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 54,200 ft³/s, Apr. 14, 1974, gage height, 32.6 ft, from flood-mark; minimum, 55 ft³/s, Aug. 28-30, 1957.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1856 reached a stage of about 33 ft, and the flood in April 1900 reached a stage of 32 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 27	2100	10,500	19.02	Feb. 24	2300	8,640	17.60
Jan. 21	0500	19,400	23.94	Mar. 1	2400	*25,700	*26.57

Minimum discharge, 89 ft³/s, Oct. 1-2, gage height, 3.56 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	125	2420	632	1020	24200	1580	299	343	247	128	136
2	98	121	1960	575	1630	23800	1120	293	322	314	139	136
3	102	119	1410	537	3220	15400	994	419	304	275	156	135
4	112	117	982	1030	3510	4920	1060	1630	468	258	159	129
5	109	560	763	1900	2780	3190	1030	1820	593	238	155	126
6	103	550	632	2270	2080	2340	973	1580	512	214	179	123
7	96	713	551	1880	4440	1920	819	1900	389	201	330	123
8	94	459	506	1070	4920	2860	728	1850	317	198	379	125
9	96	303	475	846	5330	4180	675	2040	282	195	344	143
10	99	286	1790	718	3790	4230	635	1680	264	192	240	144
11	101	258	4100	697	2300	3540	598	1150	251	187	232	135
12	115	253	4200	664	1540	2530	571	961	256	179	296	130
13	943	260	3700	620	1190	1950	555	1070	310	170	632	130
14	1290	232	2500	575	1040	1600	676	3340	312	164	651	128
15	1170	185	1400	577	1350	1430	721	3120	359	158	483	151
16	793	167	1420	650	4530	1270	688	3270	611	153	347	149
17	365	184	1610	978	4490	1180	612	2970	636	148	268	143
18	239	243	1700	8100	4540	2650	545	3010	602	146	225	174
19	189	654	2050	13600	3040	3520	503	2520	1260	143	219	168
20	163	712	2080	16500	2150	3400	467	1670	1850	137	227	168
21	146	1220	1810	18200	2350	2730	440	945	1460	138	195	153
22	136	1720	1200	8120	6010	1850	418	1010	1230	209	177	138
23	129	1580	2350	3560	7350	1270	405	969	624	236	167	131
24	136	2730	3430	2570	7920	1200	385	971	411	197	158	127
25	238	4880	3610	3580	6650	1250	364	908	383	172	151	121
26	285	7560	3160	3770	4120	1140	350	784	323	158	145	120
27	217	10100	2200	3190	11200	1030	337	639	319	147	145	118
28	185	9650	1300	2490	17700	915	329	516	285	138	164	116
29	160	6500	921	1700	---	865	320	451	246	135	148	114
30	144	3060	801	1370	---	1220	307	401	226	132	138	132
31	132	---	726	1160	---	1530	---	367	---	126	136	---
TOTAL	8274	55501	57757	104129	122190	125110	19205	44553	15748	5705	7513	4066
MEAN	267	1850	1863	3359	4364	4036	640	1437	525	184	242	136
MAX	1290	10100	4200	18200	17700	24200	1580	3340	1850	314	651	174
MIN	89	117	475	537	1020	865	307	293	226	126	128	114
CFSM	.36	2.49	2.51	4.52	5.87	5.43	.86	1.93	.71	.25	.33	.18
IN.	.41	2.78	2.89	5.21	6.12	6.26	.96	2.23	.79	.29	.38	.20

CAL YR 1986	TOTAL	277614	MEAN	761	MAX	10100	MIN	87	CFSM	1.02	IN	13.90
WTR YR 1987	TOTAL	569751	MEAN	1561	MAX	24200	MIN	89	CFSM	2.10	IN	28.53

PASCAGOULA RIVER BASIN

02472500 BOWIE CREEK NEAR HATTIESBURG, MS

LOCATION.--Lat 31°25'32", long 89°24'53", in NW1SW1 sec.4, T.5 N., R.14 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170004, on left bank 25 ft downstream from upstream bridge of dual bridges on U.S. Highway 49, 1.0 mi upstream from Okatoma Creek, 2.2 mi southwest of Lux, 10.2 mi northwest of Hattiesburg, and 1.0 mi upstream from mouth.

DRAINAGE AREA.--304 mi².

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WSP 1906: 1943(M).

GAGE.--Water-stage recorder. Datum of gage is 160.04 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Dec. 8, 1938, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--49 years, 451 ft³/s, 20.15 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 45,500 ft³/s, Apr. 14, 1974, gage height, 28.18 ft, from floodmark; minimum, 83 ft³/s, Aug. 29, 1957; minimum gage height, 2.37 ft, Sept. 16, 17, 1972.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	0100	4,160	12.62	Mar. 1	1600	*10,600	*21.20
Jan. 19	2200	7,320	17.19				

Minimum discharge, 121 ft³/s, Oct. 1, gage height, 3.13 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	126	132	819	326	399	10500	537	235	227	195	165	158
2	137	132	573	309	533	8450	445	233	219	213	157	161
3	178	133	434	306	582	3670	501	266	211	208	176	157
4	135	133	355	1150	523	1320	563	672	207	196	220	151
5	131	357	309	1050	473	871	476	969	202	187	233	148
6	126	296	281	622	593	700	413	1810	198	185	262	146
7	124	233	265	452	1800	636	385	2770	191	234	574	146
8	125	185	256	389	1610	980	371	1860	186	217	401	147
9	167	165	255	354	1040	1180	357	771	183	195	225	149
10	171	157	1090	346	696	983	347	487	180	186	192	153
11	159	439	2700	332	492	751	339	554	181	178	193	152
12	165	277	2070	307	430	612	335	603	190	172	252	156
13	283	193	1040	289	399	545	337	817	200	166	280	156
14	414	167	564	295	376	508	476	1810	216	163	682	151
15	389	157	484	366	515	484	570	2160	233	160	1140	148
16	294	155	947	462	1290	467	426	884	245	157	707	145
17	190	163	806	849	1200	465	367	845	271	152	380	146
18	164	226	656	5100	896	1820	336	1040	234	151	278	148
19	152	225	1130	6950	637	1390	318	632	247	149	230	156
20	145	224	914	6200	457	1030	305	491	530	148	205	168
21	140	275	618	3230	832	863	294	405	610	147	189	169
22	139	276	487	2670	2350	563	285	344	344	148	178	157
23	138	270	2330	1610	2320	482	280	315	276	154	170	147
24	150	1300	2190	968	1630	507	270	309	283	156	165	144
25	209	3160	1510	1030	1450	502	262	328	456	151	161	142
26	201	3530	930	1200	1330	454	258	332	338	156	159	142
27	173	2030	619	1120	4490	424	253	311	308	156	156	140
28	153	1110	461	828	9030	404	249	271	245	153	160	141
29	142	786	401	579	---	466	243	261	211	175	165	141
30	138	1140	366	491	---	992	238	247	196	167	158	143
31	134	---	344	436	---	745	---	236	---	172	156	---
TOTAL	5492	18026	26204	40616	38373	43764	10836	23268	7818	5347	8769	4508
MEAN	177	601	845	1310	1370	1412	361	751	261	172	283	150
MAX	414	3530	2700	6950	9030	10500	570	2770	610	234	1140	169
MIN	124	132	255	289	376	404	238	233	180	147	156	140
CFSM	.58	1.98	2.78	4.31	4.51	4.65	1.19	2.47	.86	.57	.93	.49
IN.	.67	2.21	3.21	4.97	4.70	5.36	1.33	2.85	.96	.65	1.07	.55

CAL YR 1986	TOTAL	123806	MEAN 339	MAX 3530	MIN 118	CFSM 1.12	IN 15.15
WTR YR 1987	TOTAL	233021	MEAN 638	MAX 10500	MIN 124	CFSM 2.10	IN 28.51

02473000 LEAF RIVER AT HATTIESBURG, MS

LOCATION.--Lat 31°20'33", long 89°16'46", in SW¼NW¼ sec.2, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, on right downstream abutment of bridge on U.S. Highway 11, at eastern city limits of Hattiesburg, 150 ft downstream from Bowie Creek, 3,200 ft upstream from New Orleans and Northeastern Railroad bridge, and at mile 71.8.

DRAINAGE AREA.--1,748 mi².

PERIOD OF RECORD.--September 1938 to current year. Daily mean gage height, published since January 1972. Gage-height records collected in the same vicinity since 1904 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 118.23 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Jan. 15, 1939, nonrecording gage at same site and datum. Jan. 15, 1939 to Apr. 14, 1981, recording gage in concrete house on left bank 450 ft downstream from U.S. Highway 11.

REMARKS.--Estimated daily discharges: July 9-15 and Sept. 16-23. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 2,703 ft³/s, 21.00 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 121,000 ft³/s, Apr. 15, 1974, gage height, 34.03 ft; minimum, 318 ft³/s, Oct. 22, 1963; minimum recorded gage height, 2.20 ft, Oct. 6, 1982.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1900 reached a stage of about 33.6 ft from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	0215	17,300	15.66	Jan. 20	1715	26,600	20.16
Dec. 12	0015	12,600	13.00	Feb. 23	2245	14,300	14.00
Dec. 23	2400	12,400	12.88	Mar. 2	1145	*42,200	*24.85

Minimum discharge, 449 ft³/s, Oct. 8, gage height, 2.05 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	583	659	7320	2010	2870	37300	3660	1100	1150	980	650	749
2	774	644	5220	1840	3020	41500	3050	1080	1100	1010	648	720
3	619	641	4090	1810	4550	37600	2710	1220	1060	1110	664	705
4	597	638	3090	3620	5850	27700	2970	2210	1030	1030	1050	687
5	546	1090	2480	4750	5900	17500	2760	4280	1160	989	949	670
6	511	1550	2110	4480	4750	7320	2500	5870	1280	935	1640	650
7	468	1610	1860	3960	8170	5070	2300	8860	1200	922	2150	639
8	470	1550	1720	2930	10500	5800	2110	7000	1060	916	1700	638
9	555	1170	1630	2300	9660	8180	1980	4880	970	905	1330	663
10	796	966	2800	2060	9030	8750	1870	3950	916	874	1240	712
11	671	3730	11100	1920	6170	8010	1790	3360	902	858	1280	729
12	673	2520	12100	1810	3990	6280	1740	2810	906	830	1320	745
13	1080	1350	9880	1700	3080	4590	1720	2850	952	804	2040	692
14	3150	1070	7500	1650	2680	3740	1970	6500	1050	780	3030	658
15	3230	937	5260	1900	2890	3310	2430	10900	1130	752	3540	639
16	2470	863	4500	2310	6810	3040	2230	7370	2810	729	2770	624
17	1630	974	4730	4010	9280	2870	1940	6460	1860	716	1960	647
18	1070	1270	4410	16200	8760	8260	1750	7130	1610	692	1510	734
19	871	1180	5980	22900	7960	8510	1630	6120	1800	690	1150	823
20	777	1780	5930	26000	5020	7540	1540	5090	3790	662	1010	855
21	720	2130	4780	25500	5350	6860	1470	3350	4040	663	940	806
22	683	2560	3650	25900	10300	5000	1410	2310	3510	670	858	745
23	651	2940	8980	21900	14000	3460	1360	2260	2470	757	817	680
24	700	6480	11500	11800	13900	3370	1310	2190	1690	828	779	654
25	1020	15500	9430	7720	14000	3230	1260	2370	1880	795	736	642
26	1150	16900	7860	9450	12700	2890	1220	2350	1640	759	709	643
27	1070	15200	6180	8800	17200	2600	1200	2020	1470	717	704	634
28	875	14900	3960	7040	27300	2420	1170	1670	1370	679	796	618
29	775	14600	2870	5100	---	2370	1140	1450	1130	684	1350	602
30	719	12000	2450	3860	---	4180	1110	1330	1010	674	1030	600
31	686	---	2200	3280	---	4110	---	1230	---	655	810	---
TOTAL	30590	129402	167570	240510	235690	293360	57300	121570	47946	25065	41160	20603
MEAN	987	4313	5405	7758	8418	9463	1910	3922	1598	809	1328	687
MAX	3230	16900	12100	26000	27300	41500	3660	10900	4040	1110	3540	855
MIN	468	638	1630	1650	2680	2370	1110	1080	902	655	648	600
CFSM	.57	2.47	3.09	4.44	4.82	5.41	1.09	2.24	.91	.46	.76	.39
IN.	.65	2.75	3.57	5.12	5.02	6.24	1.22	2.59	1.02	.53	.88	.44

CAL YR 1986	TOTAL	775193	MEAN	2124	MAX	16900	MIN	447	CFSM	1.22	IN	16.50
WTR YR 1987	TOTAL	1410766	MEAN	3865	MAX	41500	MIN	468	CFSM	2.21	IN	30.02

PASCAGOULA RIVER BASIN

02473460 TALLAHALA CREEK AT WALDRUP, MS

LOCATION.--Lat 31°57'58", long 89°06'55", in SW¼ sec.31, T.2 N., R.12 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, near right bank on downstream side of bridge on State Highway 528, 0.8 mi west of Waldrup, 11.6 mi east of Bay Springs, and 91.0 mi upstream from mouth.

DRAINAGE AREA.--102 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1961, 1964-65, and annual maximums, water years 1969-79. October 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 290.00 ft above National Geodetic Vertical Datum of 1929. Prior to October 1979, datum of gage at NGVD. October 1979 to September 1980, non-recording gage and crest-stage gage at same site and datum.

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

AVERAGE DISCHARGE.--8 years, 173 ft³/s, 23.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,900 ft³/s, Apr. 13, 1974, gage height, 23.18 ft present datum; minimum, 1.8 ft³/s, July 16, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	0245	2,650	18.18	Feb. 22	1515	2,750	18.26
Jan. 18	2230	*8,610	*20.98	Feb. 28	0600	4,220	19.19

Minimum discharge, 2.6 ft³/s, Aug. 26; gage height 7.10 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	6.7	687	65	105	2590	162	23	16	23	4.9	4.7
2	4.3	6.9	267	59	451	1230	108	22	14	28	4.5	5.2
3	4.4	6.9	145	56	938	345	132	59	13	21	5.3	4.4
4	3.9	7.1	97	373	409	211	237	422	13	17	16	3.5
5	3.4	204	73	551	172	169	144	396	17	13	22	3.0
6	3.4	238	60	210	236	148	100	112	14	11	12	2.9
7	3.1	74	53	124	1020	149	83	306	10	11	11	3.1
8	2.8	53	49	96	1410	580	73	364	8.9	11	9.9	4.2
9	3.4	70	53	80	592	877	68	101	8.3	11	8.1	7.7
10	4.8	44	614	88	170	375	63	60	8.0	9.4	6.6	6.3
11	5.3	231	1490	92	132	186	58	60	7.6	8.8	6.8	6.1
12	8.4	277	1310	70	117	161	56	55	8.1	7.8	10	4.7
13	142	89	390	60	107	146	58	57	12	6.9	13	4.7
14	345	45	170	60	96	124	145	55	19	6.5	31	4.4
15	140	31	143	116	261	112	121	56	25	6.2	23	3.7
16	32	26	342	206	1350	105	75	65	18	5.7	13	3.4
17	17	80	321	330	1260	99	61	70	21	5.1	20	4.7
18	11	223	267	4110	330	371	53	48	18	4.8	14	6.8
19	8.1	86	450	4920	157	384	49	40	187	4.8	9.7	7.2
20	7.1	218	296	1520	150	161	45	34	773	4.6	6.8	7.9
21	5.6	661	162	466	578	117	41	57	165	4.7	5.8	6.3
22	4.8	259	122	326	2260	99	37	54	52	6.5	5.1	4.7
23	4.5	205	733	379	1960	89	36	40	33	15	4.3	4.0
24	6.7	905	1550	238	937	104	33	51	50	13	4.1	3.7
25	142	1480	1150	769	279	132	31	52	283	9.1	3.6	3.5
26	195	2430	279	1220	575	93	29	38	74	7.8	2.8	3.3
27	46	1580	148	575	2210	80	28	33	34	7.2	4.1	3.3
28	24	580	114	209	3930	75	27	27	22	5.8	5.1	3.3
29	15	269	93	164	---	79	25	22	16	5.2	7.4	3.6
30	10	616	82	142	---	462	23	19	15	4.7	5.1	9.4
31	7.9	---	72	119	---	418	---	17	---	4.6	4.2	---
TOTAL	1214.4	11001.6	11782	17793	22192	10271	2201	2815	1954.9	300.2	299.2	143.7
MEAN	39.2	367	380	574	793	331	73.4	90.8	65.2	9.68	9.65	4.79
MAX	345	2430	1550	4920	3930	2590	237	422	773	28	31	9.4
MIN	2.8	6.7	49	56	96	75	23	17	7.6	4.6	2.8	2.9
CFSM	.38	3.60	3.73	5.63	7.78	3.25	.72	.89	.64	.10	.10	.05
IN.	.44	4.01	4.30	6.49	8.09	3.75	.80	1.03	.71	.11	.11	.05

CAL YR 1986	TOTAL	47225.5	MEAN 129	MAX 2430	MIN 2.1	CFSM 1.27	IN 17.22
WTR YR 1987	TOTAL	81968.0	MEAN 225	MAX 4920	MIN 2.8	CFSM 2.21	IN 29.89

02473500 TALLAHALA CREEK AT LAUREL, MS

LOCATION.--Lat 31°40'50", long 89°06'55", in NE¼ sec.8, T.8 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on right bank at upstream side of bridge on State Highway 15, 0.5 mi upstream from Illinois Central and Gulf Railroad bridge, 0.5 mi southeast of city limits of Laurel, 13.1 mi upstream from Tallahoma Creek, and 54.0 mi from mouth.

DRAINAGE AREA.--238 mi².

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 201.37 ft above National Geodetic Vertical Datum of 1929 (Mississippi State Highway Department bench mark). Prior to Dec. 14, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Dec. 9-15, March 9-12, and Sept. 11, 12, 14-16 and 26-30. Records good except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 350 ft³/s, 19.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 23,300 ft³/s, Apr. 14, 1974, gage height, 23.28 ft, from floodmark; minimum, 1.8 ft³/s, Nov. 3, 1952, Oct. 31, and Nov. 1, 1963; minimum gage height, 1.21 ft, Oct. 31 and Nov. 1, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1880, about 26 ft, Dec. 9, 1919. Flood in April 1900 reached a stage of about 24 ft, from information by local residents. Flood in April 1938 reached a stage of 20.7 ft, from information by Mississippi State Highway Department.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 20	1230	*10,700	*19.93	Feb. 25	0800	3,230	15.89
Mar. 1	1830	8,810	19.15				

Minimum discharge observed, 8.2 ft³/s, Sept. 30, gage height, 1.59 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	39	2080	256	367	6970	754	62	43	138	15	17
2	17	32	1480	228	386	6620	607	58	39	269	20	17
3	14	27	1030	211	560	3900	386	76	41	158	17	14
4	13	24	694	271	708	2740	382	281	136	97	15	13
5	15	161	352	518	818	2130	416	404	53	70	14	12
6	13	88	259	701	897	1310	380	553	44	58	45	11
7	12	313	211	725	757	540	285	522	35	49	43	11
8	12	256	187	439	873	650	236	380	33	42	42	11
9	18	137	180	301	967	880	207	498	29	39	30	11
10	14	102	310	256	1050	1000	190	359	25	36	28	11
11	12	178	700	242	1230	1040	176	227	23	34	26	10
12	13	153	1250	238	1070	970	163	204	22	32	52	10
13	45	374	1050	214	398	548	161	167	22	29	36	16
14	84	295	1350	192	315	411	211	188	22	27	51	11
15	298	155	1750	217	366	353	311	199	35	27	61	10
16	332	112	1420	319	664	313	307	257	99	23	55	11
17	166	128	707	561	900	294	228	207	88	21	58	15
18	84	108	715	2260	995	494	176	183	96	19	43	14
19	56	176	753	3340	1130	755	149	167	149	18	36	14
20	42	261	762	9230	1390	783	134	137	255	16	36	15
21	33	253	733	5790	1210	595	122	208	447	19	29	18
22	27	464	518	3400	1210	358	114	122	554	22	23	15
23	24	635	906	2570	1370	290	108	149	262	26	20	13
24	31	1200	1270	1950	1750	292	100	184	140	32	17	12
25	58	1780	1260	1430	3090	315	91	106	279	25	15	11
26	61	1830	1300	1100	2660	315	84	97	416	25	13	10
27	210	1530	1470	1110	2630	282	78	98	309	26	13	10
28	183	1870	1630	1170	2820	232	74	83	153	22	14	9.0
29	95	2760	1010	1280	---	286	70	67	96	20	18	9.0
30	64	2550	376	1160	---	561	68	57	77	18	18	8.3
31	47	---	300	494	---	739	---	49	---	17	17	---
TOTAL	2110	17991	28013	42173	32581	36966	6768	6349	4022	1454	920	369.3
MEAN	68.1	600	904	1360	1164	1192	226	205	134	46.9	29.7	12.3
MAX	332	2760	2080	9230	3090	6970	754	553	554	269	61	18
MIN	12	24	180	192	315	232	68	49	22	16	13	8.3
CFSM	.29	2.52	3.80	5.71	4.89	5.01	.95	.86	.56	.20	.13	.05
IN.	.33	2.81	4.38	6.59	5.09	5.78	1.06	.99	.63	.23	.14	.06

CAL YR 1986	TOTAL	102030.0	MEAN 280	MAX 2760	MIN 10	CFSM 1.18	IN 15.95
WTR YR 1987	TOTAL	179716.3	MEAN 492	MAX 9230	MIN 8.3	CFSM 2.07	IN 28.09

02474500 TALLAHALA CREEK NEAR RUNNELSTOWN, MS

LOCATION.--Lat 31°19'57", long 89°06'46", in SE¼SE¼ sec.5, T.4 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on right bank at downstream side of bridge on county highway between Sunrise and Runnelstown, 3.0 mi south of Runnelstown, and 11.9 mi upstream from mouth.

DRAINAGE AREA.--612 mi².

PERIOD OF RECORD.--October 1939 to September 1982. October 1982 to September 1984 (high water records only). October 1984 to current year. Monthly discharge only for October 1939, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 104.58 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1971, at datum 5.00 ft higher.

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

AVERAGE DISCHARGE.--46 years (water years 1939-82), 939 ft³/s, 20.84 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,800 ft³/s, Feb. 24, 1961, gage height, 29.84 ft in gage well, 30.07 ft from outside gage, present datum; minimum, 29 ft³/s, Oct. 31, 1963; minimum gage height, 4.44 ft, Oct. 6, 1986.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since about 1865, 30½ ft in April 1900; flood in December 1919 reached a stage of 26½ ft, and flood in about 1865 reached a stage between 26½ ft and 30½ ft, all from information by local residents, at datum 5.00 ft higher.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 25	2000	6,330	17.21	Mar. 4	0300	11,800	23.07
Jan. 23	0400	*12,200	*23.38				

Minimum discharge, 63 ft³/s, Oct. 6, gage height, 4.44 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	153	4600	909	1330	8570	1730	225	244	224	81	146
2	102	134	4400	795	1260	9180	1550	216	221	271	81	121
3	89	123	3510	725	1460	10800	1360	275	204	476	97	105
4	75	114	2280	1080	1490	11400	1240	517	192	362	684	96
5	68	166	1560	1240	1610	9390	1090	813	335	263	254	89
6	64	525	1040	1420	1800	6650	1040	1200	235	221	395	84
7	66	348	824	1560	2430	4570	945	1830	210	192	637	83
8	66	514	704	1470	2440	2710	789	1510	186	174	381	81
9	71	533	632	1050	2130	2770	685	1130	166	159	204	80
10	88	352	968	874	2000	2770	619	1260	157	147	156	78
11	98	1200	3480	769	2000	2620	575	1140	150	137	210	78
12	85	1140	3790	698	2130	2470	541	780	148	132	334	79
13	107	562	3430	664	1770	2270	518	726	148	126	752	78
14	181	645	3030	626	974	1650	638	2070	149	119	803	74
15	316	571	2890	700	1010	1320	741	2380	164	113	371	73
16	588	390	3310	984	2160	1150	834	1400	535	107	292	73
17	596	380	2940	1700	1940	1040	750	1110	463	103	278	72
18	386	560	2070	5510	1910	3540	610	1150	453	97	237	73
19	237	401	2420	6330	1920	2650	511	903	438	93	190	103
20	179	540	2310	6830	2020	2250	444	792	1060	90	158	128
21	154	857	1950	7750	2520	1950	406	1080	1010	87	140	166
22	138	690	1700	10900	3690	1580	370	982	1240	89	128	122
23	124	956	3410	11800	4060	1130	346	659	1140	113	116	103
24	120	2190	4340	9530	3500	1110	323	550	691	103	107	92
25	161	5860	3730	7000	3350	1180	306	832	428	99	98	85
26	269	6030	3210	4910	4020	1040	285	756	457	107	92	79
27	221	5240	2890	3200	6220	943	269	593	647	103	88	75
28	314	4250	2810	2790	7460	851	256	476	561	103	105	75
29	359	3840	2780	2660	---	786	246	391	357	96	476	79
30	240	4470	1990	2570	---	2030	235	323	257	89	207	81
31	183	---	1120	2130	---	1920	---	277	---	84	197	---
TOTAL	5816	43734	80118	101174	70604	104290	20252	28346	12646	4679	8349	2751
MEAN	188	1458	2584	3264	2522	3364	675	914	422	151	269	91.7
MAX	596	6030	4600	11800	7460	11400	1730	2380	1240	476	803	166
MIN	64	114	632	626	974	786	235	216	148	84	81	72
CFSM	.31	2.38	4.22	5.33	4.12	5.50	1.10	1.49	.69	.25	.44	.15
IN.	.35	2.66	4.87	6.15	4.29	6.34	1.23	1.72	.77	.28	.51	.17
CAL YR 1986	TOTAL	271984	MEAN	745	MAX	6030	MIN	64	CFSM	1.22	IN	16.53
WTR YR 1987	TOTAL	482759	MEAN	1323	MAX	11800	MIN	64	CFSM	2.16	IN	29.34

PASCAGOULA RIVER BASIN

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02474560 LEAF RIVER NEAR NEW AUGUSTA, MS

LOCATION.--Lat 31°13'27", long 89°03'01", in NE1SW1 sec.13, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on left bank at downstream abutment of bridge on State Highway 29, 4.2 mi downstream from Tallahala Creek and 1.4 mi north of courthouse in New Augusta, and at mile 43.6.

DRAINAGE AREA.--2,542 mi².

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

GAGE.--Water-stage recorder. Datum of gage is 72.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Nov. 12-13, Jan. 18-21, Feb. 2-4 and Feb. 22-24. Records good. National Weather Service telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50,900 ft³/s, Mar. 3, 1987, gage height, 28.61 ft; minimum 677 ft³/s, Sept. 30, 1986, gage height 1.24 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Floods of February 1961 and April 1974 reached stage of 35.3 ft, discharge, 112,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 50,900 ft³/s, Mar. 3, gage height 28.61 ft; minimum, 683 ft³/s, Oct. 1, gage height, 1.24 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	724	961	16300	5460	6490	32700	6240	1800	1810	1510	861	1200
2	985	911	11700	6300	6610	42500	5720	1770	1690	1510	858	1090
3	945	872	9290	6210	7370	48900	5040	1820	1590	1700	863	1030
4	911	856	6900	5880	7880	48200	4970	2280	1510	1750	1350	978
5	821	1180	5170	4870	7780	40100	4790	4420	1520	1540	2390	940
6	790	1990	4100	3990	7550	27500	4410	5820	1760	1430	1780	908
7	741	2170	3560	3690	8720	16200	4140	9000	1680	1350	3800	892
8	707	2170	3260	3430	11700	10400	3760	9210	1500	1340	2760	889
9	766	2170	3070	3260	11900	10400	3470	7080	1330	1300	2170	877
10	932	1700	3050	3130	11000	11500	3260	5800	1220	1230	1820	950
11	1030	2550	8840	3100	10000	11200	3110	5340	1160	1190	1880	952
12	948	3300	13300	3360	7420	10200	3000	4440	1140	1160	1990	1100
13	1150	2540	13300	4110	6130	8340	2930	4050	1160	1120	2630	970
14	2270	2050	11200	7580	4770	6800	3150	6090	1270	1060	4270	910
15	3430	1870	8360	16300	4710	5810	3600	10300	1390	1020	4700	861
16	3250	1570	8090	21600	8080	5310	3810	10600	2600	985	3910	848
17	2800	1420	8320	26600	10300	4960	3470	7850	3080	961	3040	851
18	2030	1850	7090	25900	10700	12000	3110	7850	2380	934	2400	887
19	1480	1900	7730	33000	10300	13700	2840	7730	2470	914	1960	1050
20	1210	2030	8710	34300	8770	11200	2650	6670	3630	900	1610	1170
21	1060	3070	7490	35600	7560	9830	2520	5650	5250	872	1440	1190
22	1000	3100	6310	35500	10700	8400	2400	4270	5040	932	1330	1080
23	952	3510	9590	35800	16300	6240	2310	3540	4390	918	1220	965
24	943	5030	9980	32800	16500	5470	2220	3420	3170	1060	1140	900
25	1150	13100	7450	23700	16200	5560	2140	3540	2560	1120	1070	850
26	1490	18500	6280	17200	16500	5060	2060	3620	2630	1050	1020	826
27	1550	20100	4960	14100	17900	4650	2000	3300	2410	1010	979	825
28	1380	19600	4000	11500	23900	4340	1960	2820	2380	933	988	813
29	1340	18600	3670	6400	---	4070	1900	2430	1990	1020	1960	806
30	1180	18500	3420	5060	---	5800	1850	2170	1670	924	1930	799
31	1050	---	3530	5340	---	7000	---	1980	---	899	1410	---
TOTAL	41015	159170	228020	445070	293740	444340	98830	156660	67380	35642	61529	28407
MEAN	1323	5306	7355	14360	10490	14330	3294	5054	2246	1150	1985	947
MAX	3430	20100	16300	35800	23900	48900	6240	10600	5250	1750	4700	1200
MIN	707	856	3050	3100	4710	4070	1850	1770	1140	872	858	799
CFSM	.52	2.09	2.89	5.65	4.13	5.64	1.30	1.99	.88	.45	.78	.37
IN.	.60	2.33	3.34	6.51	4.30	6.50	1.45	2.29	.99	.52	.90	.42

CAL YR 1986 TOTAL 1052770 MEAN 2884 MAX 20100 MIN 684 CFSM 1.14 IN 15.41
WTR YR 1987 TOTAL 2059803 MEAN 5643 MAX 48900 MIN 707 CFSM 2.22 IN 30.14

PASCAGOULA RIVER BASIN

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.31	1.70	16.37	7.40	8.80	24.22	8.57	3.73	3.99	3.39	2.32	2.80
2	1.74	1.62	12.91	8.23	---	26.28	8.08	3.69	3.85	3.39	2.32	2.61
3	1.67	1.56	10.89	8.14	---	27.41	7.43	3.75	3.73	3.67	2.33	2.51
4	1.62	1.53	8.78	7.82	---	27.30	7.36	4.35	3.63	3.73	3.03	2.43
5	1.48	2.03	7.12	6.83	9.94	25.82	7.18	6.78	3.66	3.44	4.49	2.36
6	1.42	3.19	6.00	5.88	9.74	22.47	6.80	8.18	4.00	3.28	3.67	2.31
7	1.34	3.43	5.34	5.50	10.71	16.27	6.51	10.94	3.91	3.15	6.16	2.28
8	1.28	3.43	4.93	5.16	13.05	12.06	6.10	11.12	3.68	3.14	4.97	2.27
9	1.38	3.43	4.67	4.93	13.25	12.10	5.78	9.32	3.45	3.07	4.22	2.25
10	1.65	2.79	4.64	4.75	12.55	12.93	5.55	8.16	3.30	2.97	3.74	2.38
11	1.82	3.88	10.42	4.71	11.75	12.69	5.38	7.72	3.21	2.91	3.83	2.38
12	1.68	---	14.14	5.07	9.62	11.91	5.25	6.83	3.19	2.85	3.96	2.63
13	1.99	---	14.13	6.00	8.47	10.41	5.16	6.42	3.21	2.79	4.78	2.41
14	3.57	3.28	12.49	9.31	7.15	9.07	5.42	8.36	3.36	2.68	6.62	2.31
15	5.16	3.03	10.10	16.37	7.08	8.17	5.93	11.97	3.50	2.62	7.07	2.22
16	4.92	2.62	9.86	19.90	10.19	7.69	6.16	12.25	4.92	2.56	6.25	2.20
17	4.27	2.40	10.06	22.23	11.99	7.35	5.79	10.00	5.50	2.52	5.26	2.20
18	3.24	3.00	8.96	---	12.31	13.18	5.37	10.00	4.67	2.47	4.48	2.26
19	2.48	3.07	9.53	---	12.01	14.53	5.05	9.89	4.74	2.44	3.90	2.53
20	2.08	3.24	10.40	---	10.76	12.68	4.83	8.96	6.00	2.41	3.41	2.71
21	1.86	4.67	9.32	---	9.74	11.62	4.67	8.03	7.66	2.36	3.18	2.74
22	1.76	4.71	8.24	24.91	---	10.46	4.52	6.69	7.46	2.46	2.99	2.55
23	1.69	5.26	11.09	24.84	---	8.57	4.40	5.93	6.81	2.43	2.83	2.36
24	1.67	6.90	11.45	24.27	---	7.85	4.28	5.81	5.50	2.67	2.70	2.25
25	2.00	13.97	9.28	20.89	16.30	7.93	4.18	5.95	4.79	2.76	2.59	2.16
26	2.50	17.94	8.21	17.04	16.49	7.45	4.08	6.05	4.87	2.65	2.49	2.12
27	2.59	19.09	6.91	14.79	17.51	7.04	4.00	5.70	4.60	2.59	2.43	2.12
28	2.34	18.73	5.90	12.89	20.99	6.72	3.94	5.17	4.56	2.45	2.44	2.09
29	2.29	18.04	5.47	8.69	---	6.44	3.86	4.73	4.06	2.59	3.88	2.08
30	2.04	17.93	5.15	7.45	---	8.13	3.79	4.42	3.62	2.43	3.85	2.06
31	1.83	---	5.29	7.72	---	9.26	---	4.20	---	2.39	3.12	---
MEAN	2.22	---	8.97	---	---	13.10	5.51	7.26	4.45	2.81	3.85	2.35
MAX	5.16	---	16.37	---	---	27.41	8.57	12.25	7.66	3.73	7.07	2.80
MIN	1.28	---	4.64	---	---	6.44	3.79	3.69	3.19	2.36	2.32	2.06

PASCAGOULA RIVER BASIN

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02474600 BOGUE HOMO NEAR RICHTON, MS

LOCATION.--Lat 31°24'12", long 89°01'18", in NE¼ sec.17, T.5 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, near right bank at downstream side of bridge on county highway, 0.5 mi upstream from Linda Creek, 1.0 mi downstream from Sweetwater Creek, 3.5 mi upstream from State Highway 42, and 6.0 mi northwest of Richton.

DRAINAGE AREA.--344 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1943, 1955-56, 1965. October 1970 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 117 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Mar. 2 to April 17. Records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--17 years, 566 ft³/s, 22.34 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,900 ft³/s, Dec. 28, 1973, gage height, 27.63 ft from flood-mark; minimum, 6.2 ft³/s, Aug. 1, 2, 4, 5, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--A flood prior to January 1941, reached a stage of 26½ ft and the flood of Mar. 21, 1943, reached a stage of 25.7 ft at site 3.5 mi downstream at different datum (from information by U. S. Army Corps of Engineers). A discharge of 4.7 ft³/s was measured Oct. 16, 1963.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,700 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 27	1200	6,240	14.95	Mar. 2	0530	6,830	15.90
Jan. 21	0245	*8,570	*18.69				

Minimum discharge, 10 ft³/s, Aug. 1-2, gage height, 2.03 ft.

REVISIONS.--The minimum discharge for the water year 1986 has been revised to 21 ft³/s, July 11-14, gage height, 2.92 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	141	51	2540	355	556	5840	877	43	49	49	10	27
2	148	50	1800	316	583	6250	826	39	46	46	10	22
3	144	49	1370	284	832	4580	722	38	42	43	16	18
4	137	49	1130	421	738	3230	636	112	37	48	36	16
5	133	104	931	612	705	2270	568	418	33	58	29	14
6	130	133	572	574	827	1630	516	308	34	50	53	21
7	127	177	338	560	1230	1170	447	336	48	45	227	30
8	127	160	268	583	1320	1070	378	340	40	40	178	45
9	131	116	227	484	1020	1140	310	233	35	36	62	48
10	118	83	312	388	911	1140	275	215	30	31	44	83
11	60	678	1470	372	898	1080	241	200	28	28	41	99
12	84	1850	1940	324	730	1010	224	154	26	25	51	103
13	212	1180	1810	294	483	860	217	134	25	22	118	104
14	385	669	2040	263	450	671	206	490	28	20	182	108
15	123	345	2110	271	581	568	275	1450	31	17	112	110
16	101	220	2090	536	1390	533	447	1070	37	15	67	108
17	70	280	1750	1180	1320	516	464	492	28	16	48	107
18	56	453	1330	3750	1050	2480	292	554	46	14	40	104
19	55	391	1510	5270	1040	2550	193	573	71	13	35	71
20	52	565	1540	7100	1030	1860	130	300	98	13	29	57
21	49	634	1250	7830	985	1240	109	223	249	13	24	54
22	48	471	1060	6210	1520	860	95	146	358	16	22	42
23	49	462	2310	4710	2100	460	80	124	523	14	21	36
24	54	1040	2950	3090	2240	530	67	282	540	13	18	36
25	79	4670	2630	2750	2190	690	55	509	424	12	17	38
26	83	5820	2150	2410	2190	715	53	464	265	12	15	33
27	83	6060	2040	1910	3580	647	52	231	325	11	14	25
28	77	4850	1790	1510	5210	533	46	142	246	11	14	22
29	65	3700	1360	1320	---	482	43	95	126	10	192	21
30	57	3210	786	1190	---	764	41	64	64	10	69	21
31	54	---	453	885	---	930	---	53	---	10	38	---
TOTAL	3232	38520	45857	57752	37709	48299	8885	9832	3932	761	1832	1623
MEAN	104	1284	1479	1863	1347	1558	296	317	131	24.5	59.1	54.1
MAX	385	6060	2950	7830	5210	6250	877	1450	540	58	227	110
MIN	48	49	227	263	450	460	41	38	25	10	10	14
CFSM	.30	3.73	4.30	5.42	3.92	4.53	.86	.92	.38	.07	.17	.16
IN.	.35	4.17	4.96	6.25	4.08	5.22	.96	1.06	.43	.08	.20	.18

CAL YR 1986 TOTAL 152305 MEAN 417 MAX 6060 MIN 21 CFSM 1.21 IN 16.47
WTR YR 1987 TOTAL 258234 MEAN 707 MAX 7830 MIN 10 CFSM 2.06 IN 27.93

PASCAGOULA RIVER BASIN

02475000 LEAF RIVER NEAR McLAIN, MS

LOCATION.--Lat 31°06'10", long 88°48'30", in SE¼ sec.29, T.2 N., R.8 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170005, on downstream side of right main pier of bridge on U.S. Highway 98, 1.2 mi east of McLain, 1.8 mi downstream from Atkinson Creek, 5.5 mi upstream from Big Oktibee Creek, and 14.6 mi upstream from confluence with Chickasawhay River.

DRAINAGE AREA.--3,495 mi².

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for October 1939, published in WSP 1304.

GAGE.--Water-stage recorder. Datum of gage is 42.15 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 8, 1940, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Nov. 25 to Dec. 4. Records good except for estimated daily discharges, which are fair. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--48 years, 5,459 ft³/s, 21.21 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 128,000 ft³/s, Feb. 26, 1961, gage height, 31.64 ft; minimum, 478 ft³/s, Oct. 22, 1963; minimum gage height, 1.78 ft, Oct. 28, 29; Nov. 1, 2, 1968.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1900 reached a stage of about 32 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54,600 ft³/s, Mar. 4, gage height, 25.05 ft; minimum, 785 ft³/s, Oct. 1, gage height 2.40 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	814	1140	18000	5430	9060	36700	8420	1720	2330	1950	1070	1470
2	964	1060	17000	4770	7470	44100	7600	1680	2170	1980	1100	1280
3	1220	1010	15000	4360	7920	50800	6870	1640	2060	2150	1030	1180
4	1080	982	12600	5420	9120	53600	6660	1830	1970	2190	1180	1120
5	1070	1190	8580	7660	10000	53100	6380	3040	1910	2090	2700	1070
6	978	1760	6530	8120	10500	47300	5660	5310	2030	1870	2010	1030
7	938	2360	5150	7800	11900	38200	5100	7910	2100	1740	3340	1020
8	900	2330	4320	7340	14400	26900	4620	10500	2020	1690	3590	1030
9	902	2420	3840	6280	15800	18700	4150	9260	1840	1660	2700	1030
10	988	2110	3590	5400	15400	15600	3780	6830	1710	1590	2140	1040
11	1150	1980	6100	4980	14300	15100	3510	6090	1620	1550	2150	1130
12	1150	6160	13400	4540	12300	14200	3320	5650	1580	1490	2510	1190
13	1480	5580	16300	4200	9510	12500	3190	4460	1590	1410	3260	1220
14	1800	3590	16300	3990	7520	9960	3310	4660	1770	1340	5930	1130
15	3370	2990	14100	4250	6690	7810	3720	12400	2140	1270	6260	1090
16	3640	2600	12500	4980	13600	6640	4140	15200	2030	1220	5200	1060
17	3280	2340	12600	7190	14400	5990	3980	12900	4080	1180	3960	1050
18	2620	2360	11700	15700	14600	12900	3590	10200	3230	1160	3020	1050
19	1910	2730	10700	21300	14200	21000	3200	9920	2810	1120	2470	1160
20	1500	2610	11900	24900	13500	20100	2890	8760	3340	1100	2050	1450
21	1280	4040	11800	30700	11900	16600	2670	7390	5400	1080	1740	1370
22	1160	4370	9900	42500	12800	13800	2500	5820	7610	1080	1570	1280
23	1100	4320	11900	48600	16900	11000	2370	4750	6610	1120	1440	1140
24	1080	5190	18200	48500	19300	8150	2250	4490	5100	1140	1340	1040
25	1120	15700	20300	45500	20800	7340	2140	4470	3970	1250	1260	987
26	1420	19000	20300	38500	21400	6520	2050	4750	3620	1250	1180	954
27	1650	21000	17900	29200	23100	5800	1970	4380	3500	1200	1130	938
28	1590	20000	14800	22700	28900	5490	1910	3710	3170	1140	1100	920
29	1480	19000	11700	18000	---	5030	1840	3160	2800	1130	1290	910
30	1410	19000	9260	14000	---	6060	1770	2780	2270	1130	2410	908
31	1260	---	6990	11200	---	8710	---	2530	---	1060	1850	---
TOTAL	46304	180922	373260	508010	387290	605700	115560	188190	88380	44330	73980	33247
MEAN	1494	6031	12040	16390	13830	19540	3852	6071	2946	1430	2386	1108
MAX	3640	21000	20300	48600	28900	53600	8420	15200	7610	2190	6260	1470
MIN	814	982	3590	3990	6690	5030	1770	1640	1580	1060	1030	908
CFSM	.43	1.73	3.45	4.69	3.96	5.59	1.10	1.74	.84	.41	.68	.32
IN.	.49	1.93	3.97	5.41	4.12	6.45	1.23	2.00	.94	.47	.79	.35
CAL YR 1986	TOTAL	1458912	MEAN	3997	MAX	21000	MIN	806	CFSM	1.14	IN	15.53
WTR YR 1987	TOTAL	2645173	MEAN	7247	MAX	53600	MIN	814	CFSM	2.07	IN	28.15

PASCAGOULA RIVER BASIN

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02475500 CHUNKY RIVER NEAR CHUNKY, MS

LOCATION.--Lat 32°19'35", long 88°54'35", in SE¼SW¼ sec.30, T.6 N., R.14 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on right bank at downstream side of bridge on U.S. Highway 80, 2,500 ft upstream from Illinois Central and Gulf Railroad bridge, 1.2 mi east of Chunky, 3.2 mi upstream from Tallahatta Creek, and 5.5 mi downstream from Concobona Creek.

DRAINAGE AREA.--369 mi².

PERIOD OF RECORD.--August 1938 to current year. Prior to October 1963, published as Chunky Creek near Chunky.

REVISED RECORDS.--WSP 1724: 1950(M). WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 269.00 ft above National Geodetic Vertical Datum of 1929. Prior to Mar. 24, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 496 ft³/s, 18.25 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40,900 ft³/s, Mar. 4, 1979; gage height, 26.64 ft; minimum, 1.6 ft³/s Sept. 28-30, 1954; minimum gage height, 1.98 ft, Sept. 30, 1986.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 19	2100	*14,300	*22.10	Mar. 1	0600	12,300	20.80

Minimum discharge, 7.7 ft³/s, Oct. 1; gage height, 1.97 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	29	1010	275	378	11700	528	79	78	108	19	11
2	43	27	653	252	988	6930	398	76	73	112	18	11
3	52	28	441	229	1730	3420	408	149	67	135	27	11
4	33	28	334	456	1250	1370	554	535	86	116	25	9.7
5	21	105	271	1110	633	881	471	687	116	91	28	9.0
6	16	373	230	713	817	729	372	345	90	78	23	8.4
7	13	183	205	448	2410	656	327	831	73	69	21	8.6
8	12	118	192	365	3210	1080	295	1490	63	64	25	10
9	12	100	202	318	3220	1710	275	1570	57	66	44	17
10	13	83	1110	329	1330	1340	263	451	53	61	31	16
11	16	103	1850	342	681	774	242	235	50	55	28	20
12	22	183	1820	279	574	664	230	347	48	49	35	18
13	429	110	1120	239	502	608	228	363	47	45	35	25
14	660	70	500	232	446	520	264	405	82	41	35	18
15	297	58	397	260	721	471	314	671	156	39	33	17
16	119	56	458	319	2310	437	256	668	117	38	34	16
17	72	198	502	425	2870	409	217	394	146	36	29	19
18	56	460	450	2970	2210	1050	195	272	213	33	25	17
19	55	233	725	9540	840	1570	178	221	324	31	23	18
20	47	416	650	10300	635	1060	165	181	681	29	21	17
21	37	1140	427	4600	977	573	156	164	927	30	29	17
22	31	720	338	1850	2140	467	142	520	473	39	29	15
23	27	379	856	961	3130	416	132	417	254	48	23	13
24	30	1310	2060	720	3890	392	122	206	310	45	19	11
25	64	2430	2100	1090	2210	445	115	196	1100	40	16	9.8
26	132	3490	1300	1570	1590	378	109	177	746	34	13	9.1
27	84	3730	573	1060	3360	332	104	203	285	29	12	8.6
28	57	2480	446	659	8850	310	100	139	174	28	12	8.4
29	44	827	377	559	---	347	89	108	127	25	12	12
30	37	950	334	502	---	865	83	94	104	23	12	16
31	32	---	301	441	---	822	---	85	---	21	11	---
TOTAL	2571.2	20417	22232	43413	53902	42726	7332	12279	7120	1658	747	416.6
MEAN	82.9	681	717	1400	1925	1378	244	396	237	53.5	24.1	13.9
MAX	660	3730	2100	10300	8850	11700	554	1570	1100	135	44	25
MIN	8.2	27	192	229	378	310	83	76	47	21	11	8.4
CFSM	.23	1.85	1.94	3.79	5.22	3.73	.66	1.07	.64	.15	.07	.04
IN.	.26	2.06	2.24	4.38	5.43	4.31	.74	1.24	.72	.17	.08	.04

CAL YR 1986	TOTAL	103517.1	MEAN	284	MAX	3730	MIN	8.2	CFSM	.77	IN	10.44
WTR YR 1987	TOTAL	214813.8	MEAN	589	MAX	11700	MIN	8.2	CFSM	1.60	IN	21.66

PASCAGOULA RIVER BASIN

02476500 SOWASHEE CREEK AT MERIDIAN, MS

LOCATION.--Lat 32°22'08", long 88°40'35", in NE¼ sec.17, T.6 N., R.16 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, near right bank on upstream side of bridge on U.S. Highway 45, 0.6 mi downstream from Southern Railway System bridge, and 9.5 mi upstream from mouth.

DRAINAGE AREA.--52.1 mi².

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

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 305.95 ft above National Geodetic Vertical Datum of 1929. Prior to Nov. 13, 1959, water-stage recorder and nonrecording gage at site 0.4 mi upstream at datum 3.00 ft higher.

REMARKS.--No estimated daily discharges. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--37 years, 66.2 ft³/s, 17.26 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,530 ft³/s, Apr. 6, 1964, gage height, 20.95 ft; maximum gage height, 22.98 ft, Mar. 4, 1979; minimum discharge, 0.20 ft³/s, Oct. 4, 1954, and at times during July, August, September 1957.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1900, 29.5 ft in February 1936, at site 0.6 mi upstream at present datum, from information by Southern Railway Company. Flood of Mar. 31, 1949, reached a stage of 26.6 ft at site 0.6 mi upstream at present datum, from information by Southern Railway Company. Flood of Apr. 8, 1938, reached a stage of 26 ft at site 0.4 mi upstream at present datum, from information by National Weather Service. The flood of Feb. 21, 1961, reached a stage 6.7 ft lower than that of the flood in February 1936, at site 0.6 mi upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 18	1800	*6,440	*21.54	Feb. 28	1715	1,800	14.14
Feb. 16	0530	1,380	11.81	June 17	2100	1,540	12.77

Minimum discharge, 0.58 ft³/s, Oct. 20, gage height, 2.59 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	2.0	137	23	38	803	77	12	18	110	44	11
2	1.0	2.2	71	21	497	259	63	13	12	259	51	11
3	.79	2.2	41	21	178	189	124	21	11	296	92	9.5
4	.85	2.2	30	97	104	159	119	22	28	45	74	9.5
5	.94	44	24	72	82	139	77	46	17	23	14	10
6	1.2	9.1	20	38	200	118	68	141	12	20	8.9	12
7	.78	4.3	18	32	738	133	60	66	9.3	17	67	16
8	.92	6.7	16	29	254	295	55	25	8.2	15	16	13
9	2.8	5.4	53	24	141	194	54	20	7.9	14	8.5	47
10	1.2	4.0	356	29	95	142	45	21	7.5	14	8.0	13
11	1.1	22	233	28	72	115	40	46	7.0	12	9.6	116
12	30	9.6	130	22	61	107	38	87	19	13	7.4	89
13	12	4.9	68	19	53	87	35	39	65	11	7.8	14
14	4.0	3.6	45	18	46	77	40	111	38	10	8.7	8.3
15	1.5	3.5	44	74	403	69	30	77	27	9.5	9.0	6.6
16	1.1	19	61	68	846	67	28	30	84	9.3	8.2	28
17	1.0	94	42	128	198	64	25	22	507	12	7.2	13
18	.80	19	62	3760	122	292	23	34	671	8.7	37	12
19	.78	13	90	1550	77	142	21	28	357	8.9	37	13
20	.77	439	43	286	92	91	21	21	287	12	12	10
21	1.1	99	31	192	174	72	19	22	160	19	7.8	7.9
22	.80	43	28	190	799	65	19	35	125	12	7.1	7.2
23	.86	72	323	150	361	57	19	18	39	8.3	6.5	6.2
24	33	336	251	102	188	98	16	14	28	6.8	7.0	6.3
25	95	391	122	435	137	72	15	12	22	6.7	7.4	6.9
26	9.8	297	70	204	552	58	15	11	19	6.9	7.8	6.5
27	4.4	102	51	122	1210	56	15	10	14	7.7	8.0	6.7
28	3.0	74	40	90	1600	53	15	11	13	13	84	6.6
29	2.6	104	34	77	---	146	13	11	11	12	58	7.5
30	2.1	300	30	57	---	283	13	11	75	17	17	7.8
31	2.1	---	26	46	---	128	---	12	---	30	11	---
TOTAL	219.39	2527.7	2590	8004	9318	4630	1202	1049	2698.9	1058.8	748.9	531.5
MEAN	7.08	84.3	83.5	258	333	149	40.1	33.8	90.0	34.2	24.2	17.7
MAX	95	439	356	3760	1600	803	124	141	671	296	92	116
MIN	.77	2.0	16	18	38	53	13	10	7.0	6.7	6.5	6.2
CFSM	.14	1.62	1.60	4.95	6.39	2.86	.77	.65	1.73	.66	.46	.34
IN.	.16	1.80	1.85	5.71	6.65	3.31	.86	.75	1.93	.76	.53	.38

CAL YR 1986	TOTAL	10199.98	MEAN	27.9	MAX	603	MIN	.75	CFSM	.54	IN	7.28
WTR YR 1987	TOTAL	34578.19	MEAN	94.7	MAX	3760	MIN	.77	CFSM	1.82	IN	24.69

PASCAGOULA RIVER BASIN

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02476600 OKATIBBEE CREEK AT ARUNDEL, MS

LOCATION.--Lat 32°17'55", long 88°45'15", in SE¼SW¼ sec.3, T.5 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on right bank, 100 ft downstream from Hognose Creek, 400 ft upstream from bridge on county road, 0.6 mi southeast of Arundel, and at mi 16.3.

DRAINAGE AREA.--342 mi².

PERIOD OF RECORD.--October 1968 to current year. Daily mean gage heights published since October 1987.

GAGE.--Water-stage recorder. Datum of gage is 259.04 ft above National Geodetic Vertical Datum of 1929 (U. S. Army Corps of Engineers bench mark). Prior to Apr. 17, 1975, supplementary water-stage recorder at bridge 400 ft downstream at same datum.

REMARKS.--Estimated daily discharges: Oct. 3-8, and Feb. 9. Records good except for estimated daily discharges and the period from Jan. 18 to Feb. 8, which are fair. Flow from 154 mi² above the station, 21.3 mi upstream, regulated by Okatibbee Lake since November 1968. U.S. Army Corps of Engineer telemeter at station.

COOPERATION.--Two discharge measurements were furnished by U. S. Army Corps of Engineers.

AVERAGE DISCHARGE.--19 years, 526 ft³/s, 20.89 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,500 ft³/s, Apr. 13, 1979, gage height, 21.51 ft; minimum daily, 20 ft³/s, Oct. 5, and 26, 1968.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1961 reached a stage of 22.2 ft at county road bridge 400 ft downstream (from information by U. S. Army Corps of Engineers).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,400 ft³/s, Jan. 18, gage height, 19.39 ft; minimum daily, 26 ft³/s, Nov. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	56	754	580	1640	4470	667	103	80	491	128	84
2	41	36	589	334	2170	2270	629	102	75	551	105	81
3	44	30	606	245	1560	1480	548	133	73	879	111	80
4	51	26	592	380	1490	1620	527	142	98	561	168	81
5	44	185	471	393	1600	1630	439	120	91	466	127	80
6	41	100	422	313	1720	1570	407	211	77	428	118	78
7	34	66	409	425	2450	1530	384	276	67	239	177	86
8	46	60	402	447	1930	1790	364	162	64	160	167	85
9	62	55	321	428	1260	1690	312	125	63	149	130	81
10	65	44	929	345	1220	1310	287	152	64	141	126	106
11	54	104	994	292	1280	1290	280	182	63	132	121	141
12	130	72	603	268	1270	1390	267	246	92	127	112	261
13	174	60	558	260	1230	1410	258	209	138	122	120	104
14	119	47	522	231	1200	1400	287	269	127	118	114	92
15	77	42	499	320	1590	1370	253	324	109	114	112	110
16	64	46	536	315	2860	1350	238	192	138	111	117	123
17	60	241	504	353	1280	1330	229	164	346	108	115	122
18	57	150	515	3370	1040	1630	221	161	1120	108	127	113
19	54	86	591	5840	1180	1120	212	154	764	104	204	169
20	55	686	516	2950	1310	1160	208	132	718	102	118	134
21	57	528	472	1750	1340	1320	173	121	566	132	108	112
22	55	195	451	1710	2250	1350	147	168	347	143	101	105
23	54	226	857	1760	2210	1330	140	149	239	130	97	102
24	71	706	1080	1800	1030	1220	131	117	239	119	97	99
25	362	1300	684	2060	923	871	123	108	262	114	95	98
26	118	1230	604	1590	1630	773	118	104	195	111	93	97
27	82	701	546	1530	3490	608	116	96	172	111	92	97
28	71	587	511	1720	5010	422	112	92	155	115	90	97
29	65	601	482	1790	---	500	106	86	145	108	164	98
30	62	1030	557	1760	---	1050	104	82	164	107	91	104
31	59	---	598	1650	---	725	---	79	---	107	84	---
TOTAL	2368	9296	18175	37209	49163	42979	8287	4761	6851	6508	3729	3220
MEAN	76.4	310	586	1200	1756	1386	276	154	228	210	120	107
MAX	362	1300	1080	5840	5010	4470	667	324	1120	879	204	261
MIN	34	26	321	231	923	422	104	79	63	102	84	78
CFSM	.22	.91	1.71	3.51	5.14	4.05	.81	.45	.67	.61	.35	.31
IN.	.26	1.01	1.98	4.05	5.35	4.67	.90	.52	.75	.71	.41	.35
CAL YR 1986	TOTAL	76051	MEAN 208	MAX 1780	MIN 26	CFSM .61	IN 8.27					
WTR YR 1987	TOTAL	192546	MEAN 528	MAX 5840	MIN 26	CFSM 1.54	IN 20.94					

PASCAGOULA RIVER BASIN

02476600 OKATIBBEE CREEK AT ARUNDEL, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.52	2.77	8.13	7.15	11.93	17.17	7.65	3.40	3.11	6.54	3.68	3.16
2	2.53	2.45	7.20	5.48	13.58	13.66	7.43	3.39	3.05	6.92	3.43	3.12
3	---	2.33	7.30	4.80	11.60	11.31	6.96	3.73	3.01	8.77	3.49	3.10
4	---	2.26	7.22	5.84	11.36	11.84	6.82	3.83	3.33	7.03	4.09	3.13
5	---	4.10	6.46	5.93	11.78	11.88	6.25	3.59	3.26	6.43	3.67	3.11
6	---	3.36	6.14	5.35	12.18	11.67	6.03	4.47	3.07	6.18	3.57	3.08
7	---	2.92	6.04	6.16	14.33	11.52	5.87	5.03	2.94	4.71	4.15	3.18
8	---	2.83	6.00	6.31	12.85	12.40	5.73	4.03	2.89	4.02	4.09	3.18
9	2.86	2.75	5.38	6.18	---	12.05	5.34	3.66	2.88	3.91	3.71	3.12
10	2.91	2.58	8.93	5.59	10.31	10.66	5.14	3.93	2.89	3.82	3.65	3.42
11	2.74	3.35	9.31	5.18	10.56	10.58	5.09	4.15	2.88	3.72	3.60	3.65
12	3.51	3.00	7.28	4.99	10.50	10.97	4.98	4.79	3.20	3.67	3.50	4.87
13	4.12	2.84	7.02	4.92	10.36	11.03	4.91	4.47	3.78	3.62	3.60	3.41
14	3.58	2.63	6.80	4.68	10.24	10.99	5.14	4.93	3.66	3.57	3.53	3.25
15	3.07	2.55	6.65	5.39	11.47	10.90	4.86	5.40	3.47	3.53	3.51	3.48
16	2.90	2.61	6.88	5.36	15.19	10.84	4.73	4.32	3.73	3.49	3.56	3.63
17	2.84	4.73	6.68	5.60	10.45	10.75	4.66	4.05	5.29	3.46	3.54	3.62
18	2.79	3.91	6.74	14.28	9.54	11.87	4.59	4.02	9.72	3.46	3.64	3.52
19	2.75	3.19	7.22	18.03	10.14	9.91	4.51	3.96	8.17	3.41	4.41	4.10
20	2.76	7.47	6.76	15.32	10.65	10.08	4.47	3.73	7.93	3.38	3.57	3.74
21	2.79	6.71	6.47	12.30	10.76	10.70	4.14	3.60	7.03	3.69	3.45	3.50
22	2.75	4.35	6.33	12.16	13.69	10.81	3.88	4.09	5.59	3.83	3.38	3.43
23	2.75	4.61	8.58	12.33	13.62	10.74	3.81	3.91	4.74	3.70	3.33	3.39
24	2.98	7.80	9.70	12.46	9.47	10.29	3.72	3.56	4.73	3.58	3.32	3.35
25	5.60	10.61	7.75	13.29	9.01	8.74	3.63	3.46	4.92	3.53	3.30	3.34
26	3.56	10.32	7.29	11.71	11.73	8.23	3.57	3.41	4.35	3.49	3.28	3.33
27	3.14	7.83	6.94	11.49	16.04	7.29	3.55	3.32	4.13	3.49	3.27	3.32
28	2.99	7.19	6.72	12.19	17.65	6.13	3.50	3.26	3.97	3.54	3.24	3.33
29	2.90	7.26	6.54	12.43	---	6.55	3.43	3.20	3.86	3.46	4.03	3.34
30	2.86	9.51	7.01	12.32	---	9.61	3.41	3.14	4.01	3.45	3.26	3.41
31	2.83	---	7.26	11.94	---	7.97	---	3.10	---	3.44	3.17	---
MEAN	---	4.69	7.12	8.94	---	10.62	4.93	3.90	4.32	4.29	3.58	3.42
MAX	---	10.61	9.70	18.03	---	17.17	7.65	5.40	9.72	8.77	4.41	4.87
MIN	---	2.26	5.38	4.68	---	6.13	3.41	3.10	2.88	3.38	3.17	3.08

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS

LOCATION.--Lat 32°10'32", long 88°49'10", in SE1/4 sec.24, T.4 N., R.14 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on right bank at downstream side of bridge on State Highway 513 in Enterprise, 0.5 mi downstream from confluence of Chunky River and Okatibbee Creek, and at mile 158.2.

DRAINAGE AREA.--918 mi².

PERIOD OF RECORD.--August 1938 to current year. Daily mean gage heights published since January 1972. Gage-height records collected at same site since 1904 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1334: 1953. WRD Miss. 1966: 1965. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 207.62 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 6, 1939, National Weather Service nonrecording gage. Prior to Oct. 1, 1966, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 7-9, Nov. 12-14 and May 28-29. Records good. Flow from 154 mi² above the station, 38.4 mi upstream, regulated by Okatibbee Lake since November 1968. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 1,252 ft³/s, 18.52 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61,700 ft³/s, Feb. 23, 1961, gage height, 42.94 ft, present datum; minimum, 18 ft³/s, Sept. 25-30, 1954, Oct. 22-25, 1963; minimum gage height, 3.95 ft present datum, Oct. 13-20, 23, and 24, 1952, Aug. 30, 1957.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1900 reached a stage of 42.2 ft present datum, from floodmark (from reports of National Weather Service).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 20	1530	*22,900	*33.23	Mar. 1	2200	22,500	33.05

Minimum discharge, 80 ft³/s, Oct. 8, gage height, 4.52 ft., observed, but may have been lower during period of no gage-height record, Oct. 7-9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	124	2670	1180	1960	20700	1740	257	241	1040	160	124
2	87	116	2030	996	2870	19600	1490	250	227	894	144	121
3	102	105	1560	735	4000	11000	1470	396	216	1320	176	116
4	112	92	1400	966	2970	5650	1570	817	523	1070	254	115
5	94	98	1230	1770	2380	4190	1430	1050	359	809	210	113
6	88	617	1020	1540	2400	3270	1210	823	327	710	173	111
7	83	511	933	1200	5470	2770	1090	1300	257	558	179	115
8	80	304	889	1150	6640	3170	1000	1750	218	328	306	129
9	82	269	824	1050	6010	4120	912	1870	197	293	215	120
10	92	227	1720	991	4220	3670	832	955	187	278	179	166
11	89	252	3950	918	2630	2740	782	549	180	251	182	161
12	101	349	3430	821	2290	2490	748	841	177	228	168	636
13	491	248	2520	753	2140	2440	734	832	240	211	172	292
14	1140	184	1650	709	2020	2310	822	951	326	200	182	189
15	727	157	1360	821	2500	2210	825	1310	361	186	173	160
16	321	158	1410	982	5810	2120	745	1210	401	177	162	208
17	197	453	1470	1140	6020	2060	666	839	504	172	181	187
18	153	967	1360	8890	4640	2750	623	685	1430	166	168	192
19	136	691	1610	16300	2930	3520	580	597	1700	158	367	258
20	129	920	1710	21600	2350	2920	543	496	1930	151	221	213
21	119	2310	1370	16600	2800	2350	508	447	2130	154	158	172
22	111	1690	1170	7480	4970	2160	441	768	1370	251	158	157
23	103	996	1900	4550	6660	2080	407	857	839	235	143	146
24	106	1720	4020	3430	6540	2040	377	507	687	203	133	141
25	303	4420	3480	3560	5120	1800	351	476	1750	189	128	136
26	574	5860	2640	4100	4050	1560	332	448	1470	173	123	134
27	348	6020	1660	3020	7650	1410	317	454	803	159	120	133
28	232	4860	1400	2530	13400	1120	307	404	547	156	119	131
29	180	2740	1260	2360	---	1020	285	312	420	153	187	135
30	152	2410	1200	2230	---	2350	265	281	437	145	148	164
31	135	---	1230	2080	---	2300	---	258	---	146	128	---
TOTAL	6754	39868	56076	116452	123440	123890	23402	22990	20454	11164	5516	5175
MEAN	218	1329	1809	3757	4409	3996	780	742	682	360	178	173
MAX	1140	6020	4020	21600	13400	20700	1740	1870	2130	1320	367	636
MIN	80	92	824	709	1960	1020	265	250	177	145	119	111
CFSM	.24	1.45	1.97	4.09	4.80	4.35	.85	.81	.74	.39	.19	.19
IN.	.27	1.62	2.27	4.72	5.00	5.02	.95	.93	.83	.45	.22	.21
CAL YR 1986	TOTAL	240965	MEAN	660	MAX	6020	MIN	80	CFSM	.72	IN	9.76
WTR YR 1987	TOTAL	555181	MEAN	1521	MAX	21600	MIN	80	CFSM	1.66	IN	22.50

PASCAGOULA RIVER BASIN

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.59	4.91	12.91	8.65	11.01	32.07	10.37	5.65	5.56	8.27	5.27	5.04
2	4.59	4.86	11.19	8.13	13.33	31.44	9.61	5.61	5.49	7.84	5.18	5.02
3	4.73	4.76	9.84	7.37	15.99	25.56	9.54	6.22	5.43	9.08	5.37	4.98
4	4.82	4.64	9.33	8.04	13.64	19.28	9.86	7.61	6.58	8.35	5.76	4.97
5	4.66	4.69	8.79	10.45	12.16	16.40	9.43	8.30	6.11	7.59	5.56	4.96
6	4.60	6.99	8.19	9.77	12.21	14.36	8.73	7.63	5.97	7.29	5.36	4.94
7	---	6.67	7.95	8.70	18.93	13.18	8.39	9.04	5.65	6.83	5.38	4.97
8	---	5.92	7.83	8.55	21.12	14.11	8.14	10.41	5.44	6.09	5.98	5.08
9	---	5.77	7.63	8.30	19.99	16.27	7.89	10.75	5.32	5.94	5.59	5.01
10	4.64	5.56	10.20	8.12	16.43	15.27	7.66	8.01	5.25	5.88	5.39	5.28
11	4.61	5.67	15.90	7.91	12.81	13.07	7.51	6.78	5.21	5.76	5.40	5.21
12	4.70	---	14.72	7.62	11.91	12.45	7.41	7.68	5.19	5.65	5.33	7.02
13	6.52	---	12.53	7.42	11.52	12.31	7.36	7.65	5.53	5.57	5.36	5.85
14	8.53	---	10.09	7.29	11.19	11.98	7.63	8.00	5.97	5.51	5.41	5.35
15	7.33	5.15	9.20	7.62	12.34	11.70	7.64	9.06	6.12	5.43	5.36	5.17
16	5.98	5.15	9.34	8.09	19.61	11.45	7.40	8.75	6.28	5.38	5.29	5.45
17	5.39	6.41	9.54	8.55	20.01	11.29	7.15	7.68	6.61	5.35	5.40	5.33
18	5.12	8.05	9.19	22.28	17.34	13.06	7.01	7.21	9.45	5.31	5.32	5.36
19	5.00	7.23	9.98	29.47	13.53	14.93	6.88	6.93	10.22	5.27	6.21	5.71
20	4.95	7.90	10.28	32.57	12.10	13.54	6.77	6.61	10.92	5.23	5.61	5.48
21	4.88	11.98	9.23	29.60	13.23	12.09	6.65	6.45	11.49	5.24	5.27	5.25
22	4.81	10.20	8.63	21.89	17.90	11.57	6.42	7.43	9.25	5.75	5.27	5.15
23	4.74	8.13	10.72	17.14	21.16	11.34	6.30	7.71	7.67	5.68	5.17	5.08
24	4.76	10.24	16.03	14.73	20.95	11.25	6.19	6.65	7.21	5.52	5.10	5.04
25	5.79	16.86	14.84	15.01	18.27	10.55	6.08	6.55	10.38	5.45	5.07	5.01
26	6.87	19.72	12.81	16.21	16.08	9.83	6.00	6.45	9.55	5.36	5.03	4.99
27	6.10	20.01	10.13	13.78	22.19	9.36	5.93	6.47	7.56	5.27	5.01	4.98
28	5.58	17.78	9.32	12.55	27.50	8.49	5.89	---	6.80	5.25	5.00	4.96
29	5.30	13.01	8.87	12.11	---	8.21	5.79	---	6.42	5.24	5.39	5.00
30	5.11	12.23	8.70	11.76	---	12.07	5.69	5.77	6.44	5.18	5.20	5.20
31	5.00	---	8.80	11.36	---	11.95	---	5.65	---	5.19	5.07	---
MEAN	---	---	10.41	12.94	16.23	14.21	7.44	---	7.04	6.02	5.36	5.23
MAX	---	---	16.03	32.57	27.50	32.07	10.37	---	11.49	9.08	6.21	7.02
MIN	---	---	7.63	7.29	11.01	8.21	5.69	---	5.19	5.18	5.00	4.94

PASCAGOULA RIVER BASIN

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02477350 CHICKASAWHAY RIVER AT SHUBUTA, MS

LOCATION.--Lat 31°51'25", long 88°41'11", in NW¼ sec.10, T.10 N., R.7 W., St. Stephens Meridian, Clarke County, Hydrologic Unit 03170002, at bridge on county road, 0.5 mi southeast of Shubuta and at mile 114.0.

DRAINAGE AREA.--1,458 mi².

PERIOD OF RECORD.--January 1972 to current year (gage heights only); 1905 to 1961 annual maximum observed gage heights and discharge. Gage-height records collected in the vicinity October 1904 to December 1971 (seasonal gage heights only January 1906 to December 1923) are contained in reports of National Weather Service.

REVISED RECORDS.--WDR MS-79-1:(M).

GAGE.--Nonrecording gage. Datum of gage is 147.58 ft above National Geodetic Vertical Datum of 1929. Nov. 1, 1904 to Apr. 18, 1923 at datum about 0.58 ft lower; Apr. 19, 1923 to Mar. 12, 1940 at datum 3.62 ft higher, Mar. 13, 1940 to Oct. 23, 1980 at site 3,500 ft downstream, at datum 0.28 ft lower.

REMARKS.--Records furnished by National Weather Service.

EXTREMES FOR PERIOD OF RECORD.--1905 to 1961: Maximum discharge, 86,000 ft³/s, Dec. 11, 1919, gage height, 44.3 ft, former site and datum, 47.2 ft at present site and datum.
1904 to current year: Maximum gage height, 47.2 ft, Dec. 11, 1919; minimum since January 1972, 1.84 ft, Oct. 1, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 34.10 ft, Jan. 23; minimum observed, 1.84 ft, Oct. 1.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 0700

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.84	2.55	16.69	7.48	10.69	29.30	12.78	3.93	3.55	4.49	2.68	2.49
2	2.01	2.44	14.26	7.46	11.56	30.30	11.05	3.91	3.40	7.33	2.62	2.44
3	2.02	2.35	11.39	7.00	14.74	31.80	9.37	3.98	3.33	6.90	2.71	2.41
4	2.05	2.26	10.05	6.71	15.86	33.40	9.93	5.20	4.29	7.43	2.75	2.34
5	2.10	3.07	8.86	8.91	14.64	32.60	9.93	6.54	5.42	6.60	2.95	2.30
6	2.18	3.98	7.57	10.53	13.77	29.20	9.34	8.97	4.58	5.50	3.26	2.27
7	1.99	5.70	7.09	9.55	14.18	22.30	8.28	8.82	4.43	5.06	3.47	2.25
8	1.90	5.23	6.62	7.94	17.68	15.30	7.72	9.26	3.60	4.74	3.36	2.27
9	1.90	4.09	6.45	7.55	18.78	17.10	7.34	9.70	3.29	3.93	4.11	2.40
10	1.95	3.74	7.16	7.25	19.36	17.20	7.84	10.15	3.12	3.81	3.40	2.55
11	1.99	4.28	18.43	7.18	19.10	16.40	6.78	7.92	3.01	3.73	3.07	2.45
12	1.98	6.53	19.91	6.84	14.84	14.20	6.45	5.76	2.96	3.39	2.84	2.67
13	2.36	6.43	16.95	6.46	11.48	12.50	6.31	6.24	3.20	3.26	3.02	3.73
14	4.16	5.13	13.97	6.16	10.86	12.10	6.45	6.52	3.44	3.16	3.10	3.62
15	7.10	4.05	10.97	6.26	10.41	11.70	6.98	7.50	4.07	3.09	3.20	2.85
16	7.02	3.45	9.97	6.72	15.46	11.30	6.83	8.30	4.16	2.97	3.05	2.58
17	4.41	3.40	9.88	8.91	18.36	10.90	6.53	8.06	4.18	2.88	2.95	2.78
18	3.43	4.35	9.73	20.11	19.00	13.30	6.05	6.65	4.64	2.81	2.93	2.95
19	2.93	6.58	10.37	30.27	18.09	14.90	5.88	6.13	7.33	2.75	2.95	2.97
20	2.65	6.15	10.77	30.58	16.70	15.20	5.62	5.64	8.67	2.69	3.60	3.45
21	2.53	6.90	10.35	30.56	13.08	13.80	5.43	5.13	9.98	2.65	3.49	3.22
22	2.43	11.10	8.78	33.09	18.95	11.70	5.34	5.05	11.62	2.87	2.92	2.88
23	2.33	6.89	10.37	34.10	22.80	11.00	5.02	5.13	8.04	3.17	2.70	2.62
24	2.56	13.00	10.29	32.16	22.09	10.60	4.85	6.44	5.84	3.24	2.65	2.49
25	2.60	19.80	17.08	28.05	21.46	10.70	4.67	5.37	6.63	3.13	2.55	2.40
26	4.72	22.99	16.17	23.50	21.28	9.80	4.53	4.87	8.84	3.03	2.50	2.35
27	4.94	21.25	14.36	18.56	22.22	9.10	4.46	4.54	8.11	2.88	2.46	2.31
28	4.34	19.57	10.91	15.95	25.17	8.60	4.32	4.50	5.82	2.77	2.41	2.77
29	3.19	19.13	8.98	13.70	---	7.70	4.23	4.33	4.75	2.97	2.38	2.40
30	3.00	19.54	8.07	12.34	---	9.90	4.10	3.94	4.51	2.89	2.42	2.57
31	2.70	---	7.74	11.40	---	13.40	---	3.76	---	2.75	2.84	---
MEAN	3.01	8.20	11.30	14.94	16.88	16.36	6.81	6.20	5.29	3.83	2.95	2.66
MAX	7.10	22.99	19.91	34.10	25.17	33.40	12.78	10.15	11.62	7.43	4.11	3.73
MIN	1.84	2.26	6.45	6.16	10.41	7.70	4.10	3.76	2.96	2.65	2.38	2.25

CAL YR 1986 MEAN 5.39 MAX 22.99 MIN 1.84
WTR YR 1987 MEAN 8.16 MAX 34.10 MIN 1.84

PASCAGOULA RIVER BASIN

02477500 CHICKASAWHAY RIVER NEAR WAYNESBORO, MS

LOCATION.--Lat 31°40'46", long 88°41'00", in NW¼ sec.10, T.8 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on right bank 18 ft downstream from bridge on U.S. Highway 84, 2.3 mi west of Waynesboro, and at mile 93.2.

DRAINAGE AREA.--1,650 mi².

PERIOD OF RECORD.--September 1938 to September 1950; January 1972 to current year (gage heights only). Gage-height records collected at same site January 1947 to December 1971 are contained in reports of National Weather Service.

GAGE.--Nonrecording gage and telemark gage. Datum of gage is 119.91 ft above National Geodetic Vertical Datum of 1929 (Mississippi State Highway Department bench mark). September 1938 to May 4, 1939, wire-weight gage and May 5, 1939 to September 1950, water-stage recorders, at present site and datum.

REMARKS.--Records furnished by National Weather Service.

AVERAGE DISCHARGE.--12 years (water years 1939-50), 2,575 ft³/s, 21.06 in/yr.

EXTREMES FOR PERIOD OF RECORD.--1938-1950: Maximum discharge, 26,000 ft³/s, Jan. 24, 1947, gage height, 39.00 ft; minimum, 149 ft³/s, Aug. 28, 1943, gage height, 2.48 ft.

1947 to current year: Maximum gage height, 47.90 ft, Feb. 26, 1961 (discharge, 58,300 ft³/s); minimum since January 1972, 0.80 ft, Oct. 15, 16, 17, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1900 reached a stage of 51.5 ft at site 1.3 mi upstream, at datum 2.95 ft higher and about 50 ft at present site and datum (discharge about 73,000 ft³/s).

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 33.09 ft, Jan. 24, minimum observed, 2.23 ft, Oct. 1.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 0700

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.23	3.03		8.50	11.90	29.00	14.10	4.90	4.40	4.80	3.10	2.90
2	2.23	2.87		8.30	11.50	29.80	12.70	4.70	4.20	6.20	3.10	2.90
3	2.40	2.77		8.10	14.50	30.10	11.00	4.60	4.00	7.90	3.00	2.80
4	2.30	2.68		7.50	15.90	31.50	10.50	4.90	3.90	7.60	3.10	2.80
5	2.28	2.66		9.10	16.10	32.40	10.80	6.10	5.40	7.80	3.20	2.70
6	2.45	4.37		10.30	14.80	31.60	10.60	7.50	5.70	7.10	3.30	2.70
7	2.37	5.57		11.00	14.20	28.30	9.70	---	5.10	6.10	3.70	2.60
8	2.26	6.10		9.40	16.70	22.60	8.90	---	4.60	5.70	3.90	2.60
9	2.24	5.40		---	18.40	17.80	8.40	10.30	4.20	5.30	3.90	2.60
10	2.24	4.42		8.20	19.10	18.00	8.10	11.00	3.90	4.70	4.30	2.60
11	2.24	4.46		8.00	19.50	17.60	7.80	10.40	3.70	4.30	4.00	2.70
12	2.25	9.67		7.60	18.60	16.20	7.60	7.90	3.60	4.10	3.70	2.70
13	2.62	7.82		7.40	13.50	13.90	7.40	6.50	3.50	4.00	3.90	2.80
14	3.94	6.20		7.10	11.90	13.10	7.40	7.50	3.70	3.80	3.80	3.80
15	6.35	5.23		6.90	11.40	12.60	7.50	7.90	4.10	3.70	3.80	3.90
16	7.22	4.38		7.50	13.80	12.20	7.90	8.50	4.60	3.70	3.80	3.20
17	5.80	4.11		8.80	17.90	11.80	7.70	7.90	5.00	3.60	3.80	3.00
18	4.40	4.38		16.70	18.90	14.30	7.40	---	6.10	3.50	3.60	3.50
19	3.63	5.75		25.40	19.20	16.20	7.00	7.80	5.80	3.40	3.50	3.50
20	3.21	7.12		29.30	19.00	16.10	6.70	6.70	9.40	3.30	3.50	3.50
21	2.98	8.50		29.60	13.00	15.30	6.50	6.30	10.10	3.30	3.70	3.60
22	2.85	10.68		31.20	18.90	13.40	6.20	7.20	11.50	3.80	3.90	3.60
23	2.72	10.77		32.80	22.80	12.00	6.20	6.10	11.20	4.10	3.50	3.40
24	2.66	11.76		33.10	22.00	11.50	5.90	6.80	7.80	4.00	3.20	3.10
25	2.75	22.09		34.50	21.40	11.40	5.70	7.00	7.40	3.80	3.00	2.90
26	3.62	23.71		28.50	21.20	11.20	5.50	6.10	7.40	3.60	2.90	2.80
27	5.87	23.49		23.50	22.00	10.30	5.40	5.60	9.50	3.40	2.90	2.70
28	5.18	22.25		18.70	25.40	9.70	5.20	5.40	8.00	3.40	2.80	2.60
29	4.40	---		15.90	---	9.10	5.10	5.20	6.10	3.20	2.80	2.60
30	3.71	---		13.80	---	9.70	5.00	4.90	5.20	3.30	2.80	3.90
31	3.30	---		13.00	---	12.70	---	4.70	---	3.30	2.80	---
MEAN	3.38	---		---	17.27	17.46	7.86	---	5.97	4.51	3.43	3.03
MAX	7.22	---		---	25.40	32.40	14.10	---	11.50	7.90	4.30	3.90
MIN	2.23	---		---	11.40	9.10	5.00	---	3.50	3.20	2.80	2.60

PASCAGOULA RIVER BASIN

79

02477990 BUCKATUNNA CREEK NEAR DENHAM, MS

LOCATION.--Lat 31°41'38", long 88°31'10", in NE¼ sec.6, T.8 N., R.5 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on right bank on downstream side of bridge on county road, 3.5 mi north of Denham, and 8.0 mi east of Waynesboro.

DRAINAGE AREA.--492 mi².

PERIOD OF RECORD.--January 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 141.15 ft above National Geodetic Vertical Datum of 1929. Prior to water year 1975, at datum 3.94 ft lower.

REMARKS.--Estimated daily discharges: Jan. 17-18, Jan. 21-23, Feb. 7, 16, and Mar. 9. Records good except for estimated daily discharges, which are fair.

AVERAGE DISCHARGE.--15 years, 824 ft³/s, 22.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,200 ft³/s, Mar. 6, 1979, gage height, 34.90 ft; minimum, 7.8 ft³/s, Sept. 21-22, 1972.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	0130	6,540	24.41	Mar. 3	0945	7,100	25.66
Jan. 22	unknown	*10,700	a *33.10	Mar. 18	1130	4,800	20.29

aFrom reconstructed stage hydrograph.

Minimum discharge, 13 ft³/s, Oct. 5, gage height, 4.13 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	61	4710	621	1220	6570	1320	171	152	215	34	33
2	25	53	4110	571	1370	6510	1190	162	137	477	35	33
3	25	47	3370	524	1810	7030	950	175	121	700	45	49
4	24	42	2690	751	1690	6530	1050	189	112	624	69	44
5	22	81	2060	1180	1590	5480	1030	311	103	365	50	39
6	27	102	1050	1160	1550	4160	936	551	97	254	84	36
7	30	136	749	1030	1980	2630	754	430	90	193	98	35
8	27	165	633	772	1990	2030	643	618	90	162	143	49
9	26	151	574	637	1760	2100	582	479	82	188	89	36
10	26	109	966	646	1670	1920	536	406	75	154	136	31
11	24	705	2870	604	1680	1700	503	316	71	113	222	30
12	24	1460	2880	541	1490	1470	468	259	75	97	175	33
13	37	1150	2650	495	1080	1220	441	238	94	84	162	37
14	54	745	2520	464	911	1090	444	554	193	77	169	35
15	118	414	2490	557	998	986	444	635	243	71	136	33
16	129	271	2230	780	2190	888	445	501	272	64	97	30
17	116	241	1540	1380	1890	865	414	537	216	58	97	31
18	86	277	1390	2300	1730	4290	376	547	204	54	79	45
19	66	431	1640	4570	1650	3630	348	666	177	50	73	53
20	53	604	1390	4450	1690	2420	327	540	415	47	63	55
21	45	1070	1150	8800	1860	1710	307	484	379	45	65	88
22	39	657	916	9800	2820	1340	288	1070	825	80	102	105
23	35	690	1940	9500	3190	1020	274	750	607	107	91	89
24	37	2080	2610	7160	3110	892	254	645	312	83	71	71
25	45	6330	2210	5970	3000	821	238	592	1010	62	58	59
26	42	6320	1960	4670	2950	795	226	491	847	55	49	50
27	58	5270	1780	3540	4350	767	216	350	490	49	44	44
28	183	4530	1420	2810	6120	673	203	275	274	44	41	39
29	133	4330	961	2400	---	640	190	228	185	40	39	79
30	94	4920	784	2200	---	986	181	201	138	37	37	128
31	73	---	683	1660	---	1300	---	173	---	35	34	---
TOTAL	1749	43442	58926	82543	59339	74463	15578	13544	8086	4684	2687	1519
MEAN	56.4	1448	1901	2663	2119	2402	519	437	270	151	86.7	50.6
MAX	183	6330	4710	9800	6120	7030	1320	1070	1010	700	222	128
MIN	22	42	574	464	911	640	181	162	71	35	34	30
CFSM	.12	2.94	3.86	5.41	4.31	4.88	1.06	.89	.55	.31	.18	.10
IN.	.13	3.28	4.46	6.24	4.49	5.63	1.18	1.02	.61	.35	.20	.11

CAL YR 1986	TOTAL	188182	MEAN	516	MAX	6330	MIN	17	CFSM	1.05	IN	14.23
WTR YR 1987	TOTAL	366560	MEAN	1004	MAX	9800	MIN	22	CFSM	2.04	IN	27.72

PASCAGOULA RIVER BASIN

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

LOCATION.--Lat 31°08'54", long 88°33'52", in SW¼ sec.12, T.2 N., R.6 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on left bank at downstream side of bridge on State Highway 63, 0.5 mi southeast of Leaksville, 1.8 mi upstream from Faulk Ditch, and 29.1 mi upstream from confluence with Leaf River.

DRAINAGE AREA.--2,690 mi².

PERIOD OF RECORD.--September 1938 to current year.

REVISED RECORDS.--WSP 1504: 1938-39.

GAGE.--Water-stage recorder. Datum of gage is 51.13 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Oct. 19, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges, Aug. 10-19. Records good except for estimated daily discharges, which are fair. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 3,894 ft³/s, 19.66 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,600 ft³/s, Feb. 28, 1961, gage height, 33.52 ft; minimum, 160 ft³/s, Oct. 30, 31, 1963, gage height, 6.74 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--A flood in April 1900 reached a stage of 38 ft, and a flood in July 1916 reached a stage of 34.12 ft, discharge, 68,000 ft³/s, from information by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 29	1800	17,700	24.34	Mar. 7	2000	28,200	27.81
Jan. 26	0200	*34,700	*28.98	Mar. 20	0200	15,500	23.19

Minimum discharge, 365 ft³/s, Oct. 1, gage height, 8.15 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	368	721	17200	3540	8280	22600	6660	1290	1250	1540	794	583
2	372	636	16500	3340	7020	24900	7040	1240	1160	1450	785	599
3	376	584	13900	3180	7150	26100	6460	1210	1090	2030	774	582
4	392	547	10200	3540	8520	26400	5820	1250	1030	2650	776	555
5	405	592	7570	4040	9270	26600	5450	1420	1000	2770	822	547
6	386	715	5820	4410	9260	27400	5230	1780	1210	2590	911	538
7	383	938	4350	4680	9000	28000	4840	2690	1280	2220	925	537
8	389	1180	3510	4560	9700	27500	4210	3280	1140	1880	977	543
9	381	1340	3110	3790	10600	24600	3700	3300	1030	1670	1010	566
10	376	1230	2910	3400	11000	19100	3390	3520	948	1510	900	548
11	384	1050	3990	3310	11200	14400	3140	3650	884	1360	900	539
12	405	1500	8940	3130	11300	11900	2930	3310	849	1230	1000	544
13	449	3450	11500	2880	10300	10300	2800	2800	908	1150	1500	555
14	530	2970	11600	2720	7270	8370	2750	2360	1120	1080	2800	548
15	714	2280	9630	2790	6040	7280	2830	2990	1340	1020	3000	609
16	1110	1690	7840	3230	8600	6650	2840	3530	1360	980	2600	710
17	1520	1320	6880	4020	10600	6190	2750	3100	1420	941	2000	605
18	1300	1220	6030	7700	11100	8230	2590	3190	1660	902	1400	589
19	994	1300	5860	12800	11200	14200	2380	3300	2060	870	1000	658
20	784	1610	6400	15600	11200	15300	2180	3180	1870	845	920	707
21	659	2290	6110	18100	10900	13200	2030	2690	2970	828	826	662
22	585	2870	5370	22000	10500	10400	1910	2440	3690	812	819	678
23	543	3390	5970	26000	12400	8050	1820	3480	4570	888	818	668
24	537	3580	8770	30500	14500	6630	1740	3340	4030	1070	752	606
25	545	7510	10400	33800	15700	6100	1640	2700	2700	1010	690	543
26	570	13300	10600	34300	16000	5700	1550	2600	2690	964	646	499
27	653	16000	9800	32000	16700	5320	1490	2140	3200	897	617	468
28	938	17200	8440	27700	19700	5000	1430	1850	3260	857	617	446
29	1060	17600	6640	22200	---	4660	1380	1640	2500	823	729	442
30	1010	17500	4800	15300	---	5010	1330	1480	1850	807	606	432
31	845	---	3940	10400	---	5640	---	1350	---	799	584	---
TOTAL	19963	128113	244580	368960	305010	431730	96310	78100	56069	40443	33498	17106
MEAN	644	4270	7890	11900	10890	13930	3210	2519	1869	1305	1081	570
MAX	1520	17600	17200	34300	19700	28000	7040	3650	4570	2770	3000	710
MIN	368	547	2910	2720	6040	4660	1330	1210	849	799	584	432
CFSM	.24	1.59	2.93	4.42	4.05	5.18	1.19	.94	.70	.49	.40	.21
IN.	.28	1.77	3.38	5.10	4.22	5.97	1.33	1.08	.78	.56	.46	.24

CAL YR 1986	TOTAL	887410	MEAN	2431	MAX	17600	MIN	368	CFSM	.90	IN	12.27
WTR YR 1987	TOTAL	1819882	MEAN	4986	MAX	34300	MIN	368	CFSM	1.85	IN	25.17

PASCAGOULA RIVER BASIN

81

02479000 PASCAGOULA RIVER AT MERRILL, MS

LOCATION.--Lat 30°58'40", long 88°43'35", in SW 1/4 sec.18, T.1 S., R.7 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, near right bank on downstream side of bridge on highway between Merrill and Avent, 0.5 mi downstream from confluence of Leaf and Chickasawhay Rivers, 0.5 mi west of Merrill, and at mile 80.8.

DRAINAGE AREA.--6,590 mi².

PERIOD OF RECORD.--October 1930 to current year. Monthly discharge only for October and November 1930, published in WSP 1304. Daily mean gage heights published since January 1972. Gage-height records collected in same vicinity since 1904 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 26.25 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 6, 1934, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Records of chemical analysis for the current year at site 13.8 mi downstream (station 02479020). National Weather Service telemeter at station.

AVERAGE DISCHARGE.--57 years, 9,996 ft³/s, 20.60 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 178,000 ft³/s, Feb. 27, 1961, gage height, 30.66 ft; minimum, 696 ft³/s, Nov. 3, 1936; minimum gage height, 1.92 ft, Oct. 21-26, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--A flood in April 1900 reached a stage of 32.5 ft, and the flood of July 9, 1916, reached a stage of 31.0 ft, from information by National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 79,200 ft³/s, Mar. 5, gage height, 24.58 ft; minimum, 1,180 ft³/s, Oct. 1, gage height, 2.33 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1180	2170	51000	9920	25900	57200	15500	3780	4110	3980	1740	2220
2	1260	1940	49300	8470	18000	63800	15300	3660	3790	3610	1790	1980
3	1500	1780	44900	7910	15200	70400	15000	3550	3540	4000	1720	1860
4	1540	1670	37100	9460	16000	76200	14200	3690	3350	4680	1710	1750
5	1480	1800	26600	11700	17900	78900	13200	4400	3180	5230	2570	1670
6	1420	2520	17400	12600	19100	76700	12200	6800	3230	4940	3270	1610
7	1340	3250	12200	12600	20700	71500	11200	9230	3600	4520	3260	1590
8	1300	3560	9340	12200	22900	67100	10300	13000	3520	4130	4730	1630
9	1280	3800	7920	11100	25000	59500	9280	13500	3220	3700	3940	1670
10	1320	3810	7150	9380	26100	50000	8480	11600	2940	3350	3350	1680
11	1450	3320	8210	8360	25800	43000	7890	10500	2760	3090	3210	1710
12	1570	5300	17100	7730	24500	36400	7490	10800	2640	2860	3770	1740
13	1870	8960	24000	7360	21600	30100	7160	9420	2680	2630	5790	1840
14	2250	7940	27500	7060	18100	23900	7180	8120	3130	2460	8690	1770
15	3470	6310	27400	7140	13800	18400	7500	13200	4050	2300	9210	1720
16	4540	5180	24400	8070	19300	15100	7860	18800	3920	2170	7860	1770
17	4810	4320	21800	10600	24100	13500	7860	18600	6230	2070	6240	1840
18	4560	3830	19600	17400	25400	17200	7370	15400	5960	1980	4890	1790
19	3600	4100	17700	28900	25700	28700	6810	15200	5490	1900	4160	1830
20	2790	4230	18200	36000	25200	34700	6290	14200	5530	1860	3700	2210
21	2290	5430	18800	43000	24100	35600	5880	11800	7220	1790	2990	2390
22	2010	7260	16800	54300	23600	32100	5570	9980	11100	1750	2600	2190
23	1850	7600	18100	67500	27100	26200	5300	9840	11900	1770	2420	2060
24	1800	8580	25200	73900	31000	19400	5050	9580	10500	1890	2260	1920
25	1820	15100	29700	77400	35200	15500	4800	8490	8490	2100	2080	1800
26	2020	26600	32700	76700	39000	13800	4580	8300	6800	2130	1940	1700
27	2370	34100	32100	71700	42500	12400	4380	7660	7070	2030	1820	1630
28	2530	40200	28600	65300	49200	11700	4220	6520	6870	1930	1760	1590
29	2680	45400	23500	56800	---	11200	4050	5610	6190	1870	1880	1560
30	2710	49600	17400	46600	---	12900	3910	4980	4880	1880	2900	1620
31	2500	---	12700	36600	---	14600	---	4510	---	1810	2730	---
TOTAL	69110	319660	724420	913760	702000	1137700	245810	294720	157890	86410	110980	54340
MEAN	2229	10660	23370	29480	25070	36700	8194	9507	5263	2787	3580	1811
MAX	4810	49600	51000	77400	49200	78900	15500	18800	11900	5230	9210	2390
MIN	1180	1670	7150	7060	13800	11200	3910	3550	2640	1750	1710	1560
CFSM	.34	1.62	3.55	4.47	3.80	5.57	1.24	1.44	.80	.42	.54	.28
IN.	.39	1.80	4.09	5.16	3.96	6.42	1.39	1.66	.89	.49	.63	.31

CAL YR 1986 TOTAL 2693880 MEAN 7380 MAX 51000 MIN 1180 CFSM 1.12 IN 15.21
WTR YR 1987 TOTAL 4816800 MEAN 13200 MAX 78900 MIN 1180 CFSM 2.00 IN 27.19

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.33	3.36	22.11	9.62	16.73	22.72	12.56	5.39	5.67	5.56	3.39	3.86
2	2.44	3.11	21.90	8.75	13.73	23.33	12.46	5.29	5.40	5.25	3.44	3.58
3	2.75	2.95	21.21	8.40	12.44	23.88	12.33	5.19	5.19	5.57	3.37	3.43
4	2.80	2.83	19.69	9.35	12.83	24.35	11.92	5.31	5.01	6.13	3.35	3.29
5	2.73	2.98	16.84	10.60	13.69	24.56	11.40	5.90	4.86	6.55	4.24	3.18
6	2.65	3.77	13.26	11.10	14.25	24.39	10.87	7.66	4.91	6.33	4.93	3.10
7	2.54	4.47	10.68	11.08	14.93	23.98	10.35	9.20	5.24	6.00	4.91	3.07
8	2.49	4.76	9.08	10.90	15.79	23.61	9.85	11.31	5.17	5.68	6.17	3.10
9	2.46	4.97	8.21	10.28	16.50	22.94	9.24	11.58	4.90	5.33	5.53	3.15
10	2.51	4.98	7.73	9.30	16.87	21.95	8.75	10.55	4.64	5.02	5.02	3.15
11	2.68	4.57	8.39	8.68	16.77	20.88	8.39	9.92	4.46	4.77	4.89	3.18
12	2.83	6.11	13.14	8.28	16.35	19.57	8.13	10.13	4.35	4.56	5.38	3.20
13	3.18	8.64	16.04	8.04	15.28	18.02	7.91	9.32	4.39	4.34	6.93	3.34
14	3.60	8.01	17.21	7.84	13.79	16.10	7.92	8.53	4.81	4.17	8.88	3.24
15	4.76	6.94	17.19	7.90	11.74	13.91	8.13	11.34	5.62	4.00	9.20	3.16
16	5.67	6.13	16.22	8.50	14.27	12.39	8.37	14.11	5.51	3.87	8.36	3.21
17	5.88	5.47	15.29	10.00	16.21	11.59	8.37	14.00	7.25	3.76	7.28	3.30
18	5.67	5.07	14.38	13.50	16.63	13.31	8.05	12.53	7.08	3.66	6.28	3.23
19	4.85	5.30	13.51	17.70	16.74	17.62	7.68	12.43	6.74	3.57	5.71	3.28
20	4.09	5.42	13.78	19.50	16.58	19.21	7.32	11.94	6.77	3.52	5.32	3.74
21	3.57	6.35	14.06	20.90	16.21	19.42	7.03	10.66	7.93	3.45	4.68	3.96
22	3.25	7.64	13.14	22.44	16.03	18.57	6.80	9.66	10.30	3.40	4.30	3.71
23	3.05	7.88	13.75	23.65	17.15	16.88	6.60	9.57	10.71	3.42	4.12	3.53
24	2.98	8.50	16.54	24.17	18.28	14.38	6.41	9.42	9.96	3.55	3.94	3.34
25	2.99	11.99	17.90	24.44	19.33	12.57	6.22	8.76	8.76	3.79	3.75	3.18
26	3.19	16.80	18.76	24.39	20.10	11.73	6.05	8.64	7.67	3.82	3.57	3.03
27	3.55	19.02	18.60	24.00	20.80	11.02	5.89	8.23	7.85	3.71	3.43	2.94
28	3.70	20.34	17.60	23.46	21.85	10.64	5.76	7.48	7.72	3.60	3.36	2.87
29	3.86	21.29	16.00	22.68	---	10.33	5.62	6.83	7.25	3.54	3.49	2.83
30	3.90	21.93	13.50	21.48	---	11.27	5.50	6.36	6.28	3.55	4.58	2.90
31	3.69	---	11.16	19.59	---	12.14	---	5.99	---	3.47	4.41	---
MEAN	3.44	8.05	15.06	14.86	16.14	17.65	8.40	9.14	6.41	4.42	5.04	3.27
MAX	5.88	21.93	22.11	24.44	21.85	24.56	12.56	14.11	10.71	6.55	9.20	3.96
MIN	2.33	2.83	7.73	7.84	11.74	10.33	5.50	5.19	4.35	3.40	3.35	2.83
CAL YR 1986	MEAN 6.72		MAX 22.11	MIN 2.33								
WTR YR 1987	MEAN 9.30		MAX 24.56	MIN 2.33								

PASCAGOULA RIVER BASIN

83

02479020 PASCAGOULA RIVER NEAR BENNDALE, MS
(National stream-quality accounting network station)

LOCATION.--Lat 30°52'42", long 88°46'20", on line between secs.15 and 22, T.2 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on downstream side of bridge on State Highway 26, 2.1 mi east of Benndale, and at mile 67.0.

DRAINAGE AREA.--6,680 mi².

PERIOD OF RECORD.--Water years 1958-60, 1962, 1964-65, 1970 to current year.

REVISED RECORD.--WDR MS-80-1: Drainage area.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1975 to September 1981.

WATER TEMPERATURE: August 1958 to September 1960, December 1975 to September 1981.

REMARKS.--Prior to Sept. 3, 1980, daily values of specific conductance listed as 50 microsiemens represent 50 microsiemens or less due to instrument limitations. Stream discharge determined 13.8 mi upstream (station 02479000). In water years 1958-59, 1962-63, and 1966-75, equivalent data was collected 13.8 mi upstream (station 02479000).

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
NOV										
11...	1200	3340	119	7.00	21.5	13	8.0	90	100	--
DEC										
16...	1330	24400	62	6.80	11.0	34	9.0	82	2700	1500
FEB										
24...	1230	31400	53	6.60	10.0	24	9.9	87	K1400	140
APR										
28...	1100	4280	114	7.20	24.5	2.0	8.3	99	K670	110
JUN										
22...	1430	12000	85	6.90	27.5	24	7.6	96	1700	290
AUG										
05...	1500	2780	198	7.00	29.0	16	8.0	104	K89	K21

DATE	HARD- NESS (MG/L AS CACO3)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CACO3	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)
NOV									
11...	20	4	5.9	1.3	14	58	1	1.8	20
DEC									
16...	18	7	5.3	1.1	4.9	35	0.5	1.6	12
FEB									
24...	14	5	4.2	0.90	3.9	35	0.5	1.2	10
APR									
28...	23	1	7.1	1.3	11	49	1	1.4	26
JUN									
22...	18	16	5.7	1.0	8.0	46	0.8	1.7	2.0
AUG									
05...	21	4	5.8	1.6	31	74	3	2.2	21

PASCAGOULA RIVER BASIN

02479020 PASCAGOULA RIVER NEAR BENNDALE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	ALKA- LITY WH WAT TOTAL FIELD MG/L AS CACO3	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
NOV 11...		16	11	19	<0.10	9.1	78	72	0.11 703
DEC 16...		11	15	6.9	<0.10	9.5	60	51	0.08 3950
FEB 24...		9	12	5.3	<0.10	7.2	32	40	0.04 2710
APR 28...		22	15	15	<0.10	10	83	74	0.11 959
JUN 22...		2	14	11	<0.10	8.1	66	51	0.09 2140
AUG 05...		17	23	33	0.10	11	120	120	0.16 901

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 11...	0.280	0.030	0.50	0.100	0.090	0.080	30 271		95
DEC 16...	<0.100	0.060	1.0	0.040	0.020	<0.010	52 3430		98
FEB 24...	0.140	0.020	3.1	0.040	0.010	0.010	212 18000		89
APR 28...	<0.100	<0.010	0.70	0.060	0.020	0.010	18 208		94
JUN 22...	0.250	0.070	0.90	--	0.030	0.020	25 810		100
AUG 05...	0.280	<0.010	0.70	0.310	0.120	0.080	15 113		100

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
DEC 16...	240	<1	34	<0.5	1	<1	<3	2	340	<5
FEB 24...	130	<1	26	<0.5	<1	<1	<3	1	210	<5
JUN 22...	120	<1	33	<0.5	1	2	<3	2	230	<5
AUG 05...	30	1	37	<0.5	<1	<1	<3	4	520	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
DEC 16...	<4	33	<0.1	<10	<1	<1	<1	44	<6	29
FEB 24...	<4	28	<0.1	<10	<1	<1	<1	32	<6	17
JUN 22...	<4	34	0.2	<10	<1	<1	<1	48	<6	13
AUG 05...	<4	67	0.4	<10	2	<1	<1	62	<6	25

PASCAGOULA RIVER BASIN

85

02479130 BLACK CREEK NEAR BROOKLYN, MS

LOCATION.--Lat 31°03'06", long 89°12'16", in NW¼NE¼ sec.16, T.1 N., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, near right bank at downstream side of downstream bridge of dual bridges on U. S. Highway 49, 1.1 mi southwest of Brooklyn, and 4.5 mi upstream from Chaney Creek.

DRAINAGE AREA.--355 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1942-45, 1954-57, 1959, 1961, 1964-66. October 1970 to current year.

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 128.14 ft above National Geodetic Vertical Datum of 1929 (Mississippi State Highway Department bench mark).

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

AVERAGE DISCHARGE.--17 years, 684 ft³/s, 26.17 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 42,500 ft³/s, Apr. 7, 1983, gage height, 29.96 ft from flood-mark; minimum, 66 ft³/s, Oct. 3, 1982, gage height, 3.38 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 18, 1961, reached a stage of 25.70 ft, discharge, 21,500 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and maximum (*)

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 25	1330	5,020	15.53	Mar. 1	0130	6,420	17.77
Dec. 23	1400	3,980	13.68	Mar. 18	1400	5,920	17.08
Jan. 19	0430	4,940	15.40	Aug. 15	0600	*6,930	*18.44
Jan. 22	0930	5,160	15.77				

Minimum daily discharge, 68 ft³/s, Oct. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	76	114	1760	512	698	6030	938	221	231	168	225	263
2	70	111	1420	480	818	4860	794	218	217	245	180	233
3	75	113	1080	470	920	2820	786	217	206	245	171	204
4	73	129	803	1580	756	1780	857	240	199	210	261	177
5	68	386	598	1480	720	1360	733	265	192	180	766	160
6	72	555	502	1170	1170	1130	648	273	182	161	479	149
7	71	417	447	949	2090	1140	568	331	175	180	448	145
8	71	328	415	781	1600	2400	510	454	169	220	307	144
9	117	297	396	611	1150	2080	485	523	163	208	271	132
10	206	238	428	640	965	1570	459	512	157	166	332	128
11	211	537	762	607	838	1230	435	408	156	143	478	149
12	177	1010	986	524	714	1040	424	386	163	132	479	170
13	216	882	1140	476	620	875	406	464	177	121	2060	175
14	317	592	898	470	572	779	610	383	252	114	4050	151
15	340	334	777	668	1220	719	616	399	344	112	6140	135
16	265	259	1450	830	2720	680	496	377	314	105	2930	123
17	203	233	1180	1380	1570	655	429	464	299	99	1590	137
18	189	225	1000	4380	1080	5070	371	651	323	101	1010	189
19	172	223	1370	4500	885	4610	339	546	321	102	608	222
20	163	330	1130	3240	781	2430	325	742	471	98	454	273
21	161	690	900	2830	995	1680	310	464	383	97	381	234
22	160	635	805	4830	1530	1280	295	349	380	99	335	180
23	162	417	3400	3510	1600	991	285	348	319	104	292	150
24	189	818	2930	2200	1340	1060	275	392	268	103	230	128
25	297	4530	1990	2380	1920	1130	262	528	432	214	200	117
26	311	4270	1500	2250	2040	943	254	562	414	301	181	112
27	281	3080	1160	1650	3760	826	248	439	382	220	168	107
28	236	2280	871	1280	5700	809	241	333	322	190	173	106
29	200	1930	663	1040	---	720	232	294	243	505	668	112
30	170	2360	593	876	---	1340	225	268	192	348	618	131
31	123	---	548	770	---	1160	---	250	---	281	355	---
TOTAL	5442	28323	33902	49364	40772	55197	13856	12301	8046	5572	26840	4836
MEAN	176	944	1094	1592	1456	1781	462	397	268	180	866	161
MAX	340	4530	3400	4830	5700	6030	938	742	471	505	6140	273
MIN	68	111	396	470	572	655	225	217	156	97	168	106
CFSM	.50	2.66	3.08	4.49	4.10	5.02	1.30	1.12	.76	.51	2.44	.45
IN.	.57	2.97	3.55	5.17	4.27	5.78	1.45	1.29	.84	.58	2.81	.51

CAL YR 1986 TOTAL 161404 MEAN 442 MAX 4530 MIN 68 CFSM 1.25 IN 16.91
WTR YR 1987 TOTAL 284451 MEAN 779 MAX 6140 MIN 68 CFSM 2.19 IN 29.81

PASCAGOULA RIVER BASIN

02479155 CYPRESS CREEK NEAR JANICE, MS
(Hydrologic bench-mark station)

LOCATION.--Lat 31°01'30", long 89°01'00", in NW¼NE¼ sec.29, T.1 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, on right bank at downstream side of bridge on State Highway 29, 1.2 mi east of Janice, and 5.5 mi upstream from mouth.

DRAINAGE AREA.--52.6 mi².

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WDR MS-80-1: Drainage area. WRD MS-85-1: 1959 (M), 1979 (M).

GAGE.--Water-stage recorder. Elevation of gage is 110 ft, above National Geodetic Vertical Datum of 1929, from topographic map.

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

AVERAGE DISCHARGE.--21 years, 99.2 ft³/s, 25.61 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,000 ft³/s, Apr. 4, 1979; maximum gage height 29.51 ft, Apr. 7, 1983; minimum, 4.5 ft³/s, Sept. 2, 3, 1968.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 1, 1959, reached a stage of 32.06 ft, discharge, 16,700 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 23	1800	1,460	14.88	Feb. 27	2130	1,480	15.02
Jan. 18	1230	1,320	14.19	Mar. 18	1600	1,490	15.03
Jan. 22	1130	1,560	15.36	Aug. 14	2000	*1,630	*15.69
Feb. 16	0700	1,260	13.91				

Minimum discharge, 8.3 ft³/s, Sept. 27, 28, 29, gage height, 5.49 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	10	224	50	74	501	80	20	24	18	12	13
2	12	11	124	46	92	225	68	20	23	20	13	13
3	11	11	82	48	93	161	103	20	23	21	15	12
4	11	11	60	248	72	130	115	22	24	25	15	11
5	9.7	91	50	161	83	112	75	25	30	25	21	11
6	9.1	101	43	83	154	98	62	29	25	21	16	11
7	8.7	41	39	63	342	173	55	140	20	22	17	14
8	9.1	26	38	55	202	471	51	52	18	31	15	29
9	11	20	38	50	111	250	48	32	17	23	14	17
10	12	18	42	73	84	143	45	30	16	18	14	13
11	11	141	131	63	74	113	42	48	16	15	64	11
12	12	166	117	48	69	108	43	311	17	13	60	11
13	102	59	62	43	63	96	46	118	30	12	146	11
14	62	34	45	46	58	83	85	55	92	12	513	10
15	34	26	67	125	379	75	59	334	230	12	383	9.5
16	21	24	285	164	879	71	44	233	70	12	129	9.2
17	15	23	150	319	221	69	39	91	163	12	54	9.3
18	13	22	113	1050	138	1180	35	100	97	11	33	10
19	12	22	204	329	113	354	33	62	46	11	24	11
20	11	44	128	162	109	163	31	228	95	11	20	13
21	10	118	79	300	204	123	29	146	59	11	17	12
22	10	51	86	1270	318	103	27	140	213	11	15	10
23	9.9	40	1090	365	273	88	26	171	82	11	14	9.3
24	13	71	594	189	179	115	25	202	38	11	14	8.7
25	22	621	197	359	293	95	24	126	111	11	13	8.5
26	21	468	128	274	301	71	24	67	107	11	12	8.5
27	16	147	99	153	1040	83	23	45	41	10	17	8.5
28	13	185	78	125	859	133	22	36	25	10	31	8.4
29	12	343	67	111	---	95	21	31	20	12	20	13
30	11	525	60	99	---	205	20	29	19	23	15	14
31	11	---	54	82	---	122	---	26	---	15	13	---
TOTAL	547.5	3470	4574	6553	6877	5809	1400	2989	1791	481	1759	349.9
MEAN	17.7	116	148	211	246	187	46.7	96.4	59.7	15.5	56.7	11.7
MAX	102	621	1090	1270	1040	1180	115	334	230	31	513	29
MIN	8.7	10	38	43	58	69	20	20	16	10	12	8.4
CFSM	.34	2.21	2.81	4.01	4.68	3.56	.89	1.83	1.14	.30	1.08	.22
IN.	.39	2.45	3.23	4.63	4.86	4.11	.99	2.11	1.27	.34	1.24	.25
CAL YR 1986	TOTAL	20890.6	MEAN	57.2	MAX	1090	MIN	7.3	CFSM	1.09	IN	14.77
WTR YR 1987	TOTAL	36600.4	MEAN	100	MAX	1270	MIN	8.4	CFSM	1.90	IN	25.88

PASCAGOULA RIVER BASIN

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02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 04...	1245	11	18	6.60	12.5	1.0	8.9	83	K10	K8
JAN 13...	1130	42	22	5.50	8.0	3.5	10.7	89	K11	K5
APR 28...	1300	22	19	5.90	21.5	1.8	8.8	99	K32	K18
JUL 15...	1030	12	18	6.00	25.0	2.3	7.2	87	K42	K20

DATE	HARD- NESS (MG/L AS CACO3)	HARD- NESS NONCARB TOT FLD MG/L AS CACO3	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)
OCT 04...	3	1	0.50	0.40	2.0	56	0.5	0.40	2.0
JAN 13...	4	1	0.80	0.50	2.1	50	0.5	0.40	1.0
APR 28...	4	1	0.80	0.40	2.1	52	0.5	0.50	3.2
JUL 15...	3	0	0.58	0.40	2.1	56	0.5	0.40	3.8

DATE	ALKA- LINITY WH WAT TOTAL FIELD MG/L AS CACO3	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
OCT 04...	2	5.6	3.1	<0.10	12	26	25	0.03	0.77
JAN 13...	3	7.7	3.4	<0.10	11	32	27	0.04	3.6
APR 28...	3	5.9	3.0	<0.10	9.8	26	24	0.03	1.5
JUL 15...	3	7.5	2.1	<0.10	9.4	33	25	0.05	1.1

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 04...	<0.100	<0.010	<0.20	<0.010	<0.010	<0.010	2	0.06	58
JAN 13...	<0.100	<0.010	0.20	0.020	0.010	<0.010	40	4.5	71
APR 28...	<0.100	<0.010	0.30	0.020	0.010	<0.010	8	0.48	85
JUL 15...	<0.100	0.020	1.0	0.010	0.010	0.010	6	0.19	100

PASCAGOULA RIVER BASIN

02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 04...	60	<1	11	<0.5	1	<1	<3	<1	110	<5
JAN 13...	200	2	30	<0.5	<1	<1	<3	1	170	<5
APR 28...	100	1	19	<0.5	<1	6	<3	1	170	<5
JUL 15...	80	<1	22	<0.5	<1	<1	<3	<1	100	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 04...	<4	13	<0.1	<10	3	<1	<1	6	<6	3
JAN 13...	4	52	<0.1	<10	<1	<1	<1	9	<6	14
APR 28...	<4	20	0.3	<10	<1	<1	<1	5	<6	24
JUL 15...	<4	19	0.3	<10	4	<1	<1	6	<6	<3

DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L)	URANIUM DIS- SOLVED, EXTRAC- TION (UG/L)
OCT 04...	<0.4	<0.4	0.6	<0.4	0.6	<0.4	0.04	0.02
JUL 15...	<0.4	0.8	0.8	0.6	0.8	0.6	0.05	0.04

PASCAGOULA RIVER BASIN

89

02479160 BLACK CREEK NEAR WIGGINS, MS

LOCATION.--Lat 30°51'12", long 88°54'49", in SW1 sec.20, T.2 S., R.9 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on left bank on downstream side of bridge on State Highway 26, 1.7 mi downstream from Flat Branch, 8.6 mi upstream from Sweetwater Creek, and 13.4 mi east of Wiggins.

DRAINAGE AREA.--701 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1956-57, 1959-60. October 1971 to current year.

GAGE.--Water-stage recorder. Datum of gage is 48.94 ft above National Geodetic Vertical Datum of 1929. Prior to 1978 water year, at datum 0.05 ft lower.

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

AVERAGE DISCHARGE.--16 years, 1,421 ft³/s, 27.53 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 43,900 ft³/s, Apr. 8, 1983, gage height, 28.81 ft; minimum, 100 ft³/s, Oct. 5, 1982, gage height, 3.85 ft; minimum gage height, 3.80 ft, Oct. 19, 20, 1972.

EXTREMES OUTSIDE PERIOD OF RECORD.--A flood (believed to be that of July 1916) reached a stage of 30.5 ft, from Mississippi State Highway Department plans. The flood of June 3, 1959, reached a stage of 25.88 ft, and the flood of Feb. 19, 1961, 25.83 ft from floodmarks; discharge, about 26,000 ft³/s, based on peak data at sites upstream and downstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 25	0530	7,440	19.04	Mar. 2	1130	9,770	20.98
Jan. 20	0830	7,230	18.82	Mar. 20	1300	8,320	19.92
Jan. 23	2200	8,750	20.26	Aug. 16	1930	*11,400	*21.96

Minimum discharge, 156 ft³/s, Oct. 8, gage height, 4.42 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	175	222	4710	958	1400	9080	1930	415	430	383	455	630
2	191	207	3180	903	1260	9660	1520	402	399	371	377	544
3	184	205	2280	857	1180	9030	1490	397	375	441	382	497
4	169	201	1680	1810	1100	6550	1720	437	359	481	357	452
5	170	328	1250	3030	1080	3450	1490	514	354	436	479	410
6	161	831	976	2310	2000	2490	1190	486	353	380	923	379
7	157	755	891	1720	3420	2260	1040	703	325	377	682	370
8	156	584	811	1380	3980	4020	949	651	308	463	644	387
9	167	491	786	1120	2760	5080	888	698	295	539	487	384
10	202	452	783	1020	1800	4040	851	738	282	437	432	349
11	307	630	1030	1070	1500	2800	810	820	271	355	727	318
12	345	1920	1660	952	1400	2320	787	1640	271	314	1110	323
13	437	1520	1540	860	1300	2000	777	1170	317	286	1500	345
14	539	988	1400	820	2000	1690	902	917	454	270	4500	355
15	568	724	1110	995	3500	1480	1060	1040	678	276	8590	322
16	513	553	2180	1380	4760	1340	922	1210	750	255	11100	297
17	417	486	2730	2240	5670	1240	798	891	634	233	10300	278
18	337	460	2090	4680	3270	4080	728	1230	688	218	5150	292
19	307	434	2360	6680	2100	6990	668	1410	591	210	2090	426
20	282	432	2620	7100	1650	8140	629	1360	664	208	1410	568
21	265	749	1940	5900	1500	5970	602	1460	870	206	1110	551
22	256	945	1480	6460	2720	3080	575	1070	1130	214	816	461
23	254	781	3620	8380	3650	2230	550	1130	1030	225	726	369
24	272	657	6480	8090	3000	2050	530	1140	663	223	651	313
25	330	2640	7060	5650	3330	2140	509	1220	811	236	574	278
26	433	5700	4420	5060	4150	1870	491	1160	969	318	529	256
27	438	6580	2660	4190	5010	1530	476	956	820	424	496	245
28	392	5640	2030	2980	7240	1650	463	743	663	342	501	235
29	341	4300	1510	2390	---	1590	447	595	540	333	491	240
30	299	4550	1170	1850	---	2350	428	525	442	711	951	327
31	270	---	1030	1550	---	2550	---	471	---	564	842	---
TOTAL	9334	44965	69467	94385	77730	114750	26220	27599	16736	10729	59382	11201
MEAN	301	1499	2241	3045	2776	3702	874	890	558	346	1916	373
MAX	568	6580	7060	8380	7240	9660	1930	1640	1130	711	11100	630
MIN	156	201	783	820	1080	1240	428	397	271	206	357	235
CFSM	.43	2.14	3.20	4.34	3.96	5.28	1.25	1.27	.80	.49	2.73	.53
IN.	.50	2.39	3.69	5.01	4.12	6.09	1.39	1.46	.89	.57	3.15	.59

CAL YR 1986 TOTAL 321802 MEAN 882 MAX 7060 MIN 156 CFSM 1.26 IN 17.08
WTR YR 1987 TOTAL 562498 MEAN 1541 MAX 11100 MIN 156 CFSM 2.20 IN 29.85

PASCAGOULA RIVER BASIN

02479300 RED CREEK AT VESTRY, MS

LOCATION.--Lat 30°44'10", long 88°46'50", in SW¼SW¼ sec.34, T.3 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170007, near center of channel on downstream side of bridge on county highway, 0.5 mi north of Vestry, and 1.1 mi upstream from Little Red Creek.

DRAINAGE AREA.--441 mi².

PERIOD OF RECORD.--July 1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 20.10 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--29 years, 863 ft³/s, 26.57 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 28,000 ft³/s, Aug. 15, 1987, gage height, 21.48 ft; minimum discharge, 88 ft³/s, Oct. 22, 1963, gage height, 3.22 ft.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 24	1030	4,600	14.28	Mar. 20	0800	4,230	14.36
Mar. 2	0400	4,150	14.32	Aug. 15	2330	*28,000	*21.48

Minimum discharge, 118 ft³/s, Oct. 8, gage height, 3.95 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	127	143	2680	605	809	4010	1620	279	385	389	274	383
2	130	136	2060	559	901	4110	1160	274	356	406	254	374
3	138	135	1330	531	1000	3720	987	273	337	1120	405	356
4	131	133	910	1070	867	2480	1070	312	320	916	567	334
5	128	221	702	1680	797	1500	1010	502	319	596	405	317
6	126	523	590	1480	1060	1150	858	556	342	467	332	307
7	121	472	520	1110	1960	1090	751	430	308	447	286	307
8	119	403	478	835	2660	1890	684	442	288	597	306	306
9	121	309	455	675	2420	2510	637	439	277	536	295	296
10	131	252	437	647	1560	2480	599	427	269	514	251	282
11	133	296	552	689	1050	1880	567	522	262	412	235	280
12	146	1730	908	642	852	1350	548	591	259	353	348	281
13	196	2790	828	563	765	1070	552	851	269	320	2260	282
14	283	1880	630	535	704	941	686	1470	359	295	6700	270
15	319	745	544	728	810	854	829	1290	503	353	24600	261
16	263	506	1060	990	1990	794	717	1690	518	303	25100	253
17	223	427	1450	1440	2700	751	588	1310	638	266	14300	247
18	190	412	1200	2240	2550	3100	515	1360	486	246	6190	243
19	169	396	1190	3260	1760	3910	470	1240	436	233	2770	253
20	153	387	1470	3670	1120	4170	437	883	427	224	1340	389
21	144	526	1230	3060	1120	3590	413	676	528	222	833	433
22	137	528	927	3240	1810	2150	390	806	532	232	654	366
23	134	455	1840	4020	2590	1250	368	918	507	254	562	322
24	142	399	2970	4520	2370	1280	352	1070	429	244	502	286
25	184	777	3690	4170	2130	1360	337	1020	894	227	454	264
26	221	2320	3400	3570	2620	1110	325	1030	709	223	418	249
27	199	2990	1990	2740	3200	920	314	870	692	217	391	239
28	189	3180	1140	1740	3670	863	305	622	633	211	378	233
29	173	3040	868	1270	---	916	295	519	494	222	413	234
30	162	2810	742	1050	---	1970	286	463	416	274	545	253
31	154	---	662	913	---	2240	---	418	---	276	439	---
TOTAL	5186	29321	39453	54242	47845	61409	18670	23553	13192	11595	92807	8900
MEAN	167	977	1273	1750	1709	1981	622	760	440	374	2994	297
MAX	319	3180	3690	4520	3670	4170	1620	1690	894	1120	25100	433
MIN	119	133	437	531	704	751	286	273	259	211	235	233
CFSM	.38	2.22	2.89	3.97	3.88	4.49	1.41	1.72	1.00	.85	6.79	.67
IN.	.44	2.47	3.33	4.58	4.04	5.18	1.57	1.99	1.11	.98	7.83	.75

CAL YR 1986 TOTAL 216525 MEAN 593 MAX 3690 MIN 119 CFSM 1.35 IN 18.26
WTR YR 1987 TOTAL 406173 MEAN 1113 MAX 25100 MIN 119 CFSM 2.52 IN 34.26

PASCAGOULA RIVER BASIN

91

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

LOCATION.--Lat 30°48'32", long 88°27'41", in SWSW sec. 2, T. 3 S., R. 5 W., George County, MS, Hydrologic Unit 03170008, near left bank on downstream side of bridge on county road 612, 2.5 mi west of Alabama-Mississippi State line, 3.7 mi east of Agricola, Miss., 4.8 mi downstream of old gage at Escatawpa River near Wilmer, Ala, and 6.7 mi west of Wilmer.

DRAINAGE AREA.--562 mi².

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

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 50 ft above National Geodetic Vertical Datum of 1929, from topographic map.

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

AVERAGE DISCHARGE.--14 years, 1,251 ft/s, 30.23 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 33,700 ft/s, Apr. 9, 1983, gage height, 22.39 ft; minimum, 100 ft/s, June 8, 1985.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached an elevation of 72.0 ft + 1.0 ft, National Geodetic Vertical datum of 1929, as determined from historical data. Peak discharge of this flood is unknown but in all probability has not been exceeded since 1929.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 26	2200	5,090	14.59	Mar. 2	0800	5,830	15.24
Jan. 23	1400	5,360	14.86	Mar. 19	0900	*6,080	*15.42

Minimum discharge, 128 ft/s, Oct. 8.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	197	177	4300	878	1440	5480	2100	287	316	408	214	224
2	202	171	3960	754	1470	5760	1610	278	288	481	200	204
3	184	167	3500	666	1600	5320	1450	272	268	434	254	190
4	161	162	2890	1380	1380	4340	1770	326	256	458	768	177
5	149	318	2160	2070	1220	3050	1560	355	262	473	535	169
6	143	570	1540	1670	1270	2120	1340	357	241	482	365	168
7	134	508	1190	1320	1980	1740	1160	521	224	799	333	191
8	129	411	986	1130	2180	2620	1010	459	212	847	303	253
9	149	386	834	1030	1810	2850	875	389	205	585	263	201
10	222	375	720	991	1490	2330	782	435	198	446	232	181
11	184	325	725	962	1290	1850	702	659	195	354	367	169
12	193	312	836	879	1190	1590	653	592	214	306	564	168
13	299	339	865	788	1090	1440	636	889	495	276	2410	167
14	431	348	850	751	989	1290	785	739	1080	252	1970	161
15	398	325	843	1210	1190	1150	812	1410	1790	284	1570	156
16	317	298	1290	1470	3580	1030	718	1440	1390	254	1110	155
17	263	285	1440	2200	3580	927	625	1110	1160	220	940	159
18	246	335	1280	2810	2790	3660	569	969	846	203	781	284
19	215	349	1480	4270	2160	5890	532	1400	910	190	698	250
20	182	317	1650	4480	1860	4030	500	1350	832	180	665	295
21	165	489	1370	3800	1930	2530	470	987	678	180	578	279
22	155	517	1170	4510	2620	2200	437	783	561	213	496	265
23	152	478	2470	5290	3000	1990	407	751	534	296	413	229
24	227	472	3710	5040	2510	1890	381	1190	509	238	316	192
25	390	2340	3340	4780	2570	1740	361	1160	874	201	262	171
26	393	4710	2620	5000	2760	1400	347	940	861	183	233	159
27	329	4720	2210	4700	3020	1160	334	739	1180	176	216	151
28	271	3420	1800	3670	4370	1070	320	555	934	185	206	148
29	235	3050	1490	2700	---	1090	304	441	622	353	210	148
30	213	3840	1210	2120	---	2310	292	375	462	255	232	161
31	193	---	1010	1740	---	2630	---	340	---	239	255	---
TOTAL	7121	30514	55739	75059	58339	78477	23842	22498	18597	10451	17959	5825
MEAN	230	1017	1798	2421	2084	2532	795	726	620	337	579	194
MAX	431	4720	4300	5290	4370	5890	2100	1440	1790	847	2410	295
MIN	129	162	720	666	989	927	292	272	195	176	200	148
CFSM	.41	1.81	3.20	4.31	3.71	4.50	1.41	1.29	1.10	.60	1.03	.35
IN.	.47	2.02	3.69	4.97	3.86	5.19	1.58	1.49	1.23	.69	1.19	.39

CAL YR 1986 TOTAL 327723 MEAN 898 MAX 5920 MIN 129 CFSM 1.60 IN. 21.69
WTR YR 1987 TOTAL 404421 MEAN 1108 MAX 5890 MIN 129 CFSM 1.97 IN. 26.76

BILOXI RIVER BASIN

02481000 BILOXI RIVER AT WORTHAM, MS

LOCATION.--Lat 30°33'30", long 89°07'20", in SE1/4 sec.31, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on downstream side of right main pier of upstream bridge of dual bridges on U.S. Highway 49, 0.8 mi east of Wortham, 1.3 mi downstream from Illinois Central Railroad bridge, 1.1 mi upstream from Saucier Creek, 4.2 mi north of Lyman, and 18.8 mi upstream from mouth.

DRAINAGE AREA.--96.1 mi².

PERIOD OF RECORD.--October 1952 to current year.

REVISED RECORDS.--WRD Miss. 1972: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 19.18 ft Mississippi State Highway Department datum. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Estimated daily discharges: Apr. 27-29. Records good.

AVERAGE DISCHARGE.--35 years, 194 ft³/s, 27.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,300 ft³/s, Apr. 8, 1983, gage height, 25.30 ft present datum; minimum, 1.1 ft³/s, Oct. 21, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1948 reached a stage of 25.3 ft present datum, from information by Mississippi State Highway Department. Floods in 1916 and 1928 reached approximately the same stage and were at least 8.5 ft higher than that of Sept. 18, 1957, at a point about 1 mi upstream, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 23	2230	2,020	9.93	Aug. 12	1545	2,810	12.40
Mar. 18	0745	*6,440	20.06	Aug. 13	1630	5,700	19.39
Mar. 29	2345	2,170	10.41	Aug. 15	0245	6,110	*20.82
Aug. 3	2245	2,210	10.51				

Minimum discharge, 4.2 ft³/s, Oct. 2, 3, gage height, 1.70 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	12	528	120	151	980	321	16	70	64	21	48
2	4.5	10	315	106	274	523	229	16	56	64	15	45
3	4.2	9.6	212	126	244	327	320	19	47	353	664	43
4	6.0	9.1	157	813	171	249	297	185	42	221	830	41
5	5.4	302	124	558	165	201	195	210	84	126	198	40
6	4.7	428	102	286	362	171	152	160	58	75	165	40
7	6.3	166	88	197	773	228	129	119	40	177	167	39
8	11	89	82	162	578	994	113	125	32	257	199	38
9	9.6	80	81	139	312	724	99	94	27	133	85	38
10	9.6	80	79	131	207	376	87	148	23	81	57	38
11	18	439	239	142	171	242	77	174	21	52	49	38
12	16	996	310	113	152	203	72	181	21	39	1550	38
13	78	731	177	94	137	177	80	465	24	31	4450	37
14	270	202	115	125	121	153	272	302	139	24	4340	37
15	133	124	183	284	482	138	196	279	173	20	4590	37
16	59	95	708	415	946	125	110	258	113	17	2080	37
17	35	128	519	597	499	119	76	613	429	15	992	37
18	23	189	312	1290	260	4470	62	752	168	13	413	37
19	17	131	511	1000	193	1370	53	274	136	12	263	37
20	13	193	484	527	190	608	47	152	166	10	188	153
21	10	371	284	471	418	309	42	114	174	11	142	56
22	8.4	210	234	1690	1060	232	39	236	98	11	110	38
23	7.8	131	1630	1150	850	190	37	1550	63	12	90	34
24	131	101	1670	563	588	521	35	1110	47	24	77	33
25	157	469	968	1170	748	349	33	641	175	49	67	32
26	92	1050	391	808	972	201	30	674	217	25	60	32
27	53	737	275	425	1150	178	27	298	770	21	55	32
28	35	798	215	297	1280	195	24	178	246	17	58	32
29	24	748	177	246	---	613	22	127	103	15	83	32
30	18	787	153	210	---	1460	17	121	78	12	66	32
31	14	---	135	176	---	688	---	93	---	22	53	---
TOTAL	1278.7	9815.7	11458	14431	13454	17314	3293	9684	3840	2003	22177	1251
MEAN	41.2	327	370	466	481	559	110	312	128	64.6	715	41.7
MAX	270	1050	1670	1690	1280	4470	321	1550	770	353	4590	153
MIN	4.2	9.1	79	94	121	119	17	16	21	10	15	32
CFSM	.43	3.40	3.85	4.85	5.01	5.82	1.15	3.25	1.33	.67	7.44	.43
IN.	.49	3.80	4.44	5.59	5.21	6.70	1.27	3.75	1.49	.78	8.58	.48
CAL YR 1986	TOTAL	46819.2	MEAN 128	MAX 1670	MIN 4.2	CFSM 1.33	IN 18.12					
WTR YR 1987	TOTAL	109999.4	MEAN 301	MAX 4590	MIN 4.2	CFSM 3.13	IN 42.58					

WOLF RIVER BASIN

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02481510 WOLF RIVER NEAR LANDON, MS

LOCATION.--Lat 30°29'00", long 89°16'28", in NE¼ sec.34, T.6 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on left bank at downstream side of bridge on county highway, 0.3 mi downstream from Sandy Creek, 1.3 mi upstream from Pole Branch, and 11.2 mi northwest of Landon.

DRAINAGE AREA.--308 mi².

PERIOD OF RECORD.--August 1971 to current year. Occasional discharge measurements, water years 1964-66.

GAGE.--Water-stage recorder. Datum of gage is 19.34 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 18, 1978, at datum 2.00 ft higher.

REMARKS.--Estimated daily discharges, Oct. 4-8 and 20-22. Records good except for estimated daily discharges, which are fair.

AVERAGE DISCHARGE.--16 years, 652 ft³/s, 28.75 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,400 ft³/s, Apr. 8, 1983, gage height, 21.53 ft; minimum daily, 37 ft³/s, June 9, 1985.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 27, 1964, reached a stage of 21.06 ft. The flood of 1920 reached a stage about 5 ft higher than that of April 1964, from information by local resident.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 12	0630	4,410	8.86	Mar. 18	0530	*8,880	*13.77
Dec. 23	2130	4,640	9.15	Aug. 12	1330	5,510	10.21
Jan. 22	1400	4,790	9.33	Aug. 15	1100	4,950	9.53
Feb. 28	2330	4,050	8.38				

Minimum discharge, 49 ft³/s, Nov. 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	51	1760	372	537	3840	1060	145	186	213	91	111
2	60	50	1190	338	655	2550	795	150	169	223	83	107
3	57	50	804	364	691	1630	794	150	158	220	343	100
4	54	50	564	1440	590	1150	900	227	152	226	355	94
5	56	185	436	1550	575	881	727	431	150	189	577	89
6	54	419	359	981	949	734	609	337	146	153	382	85
7	52	325	312	700	2230	765	519	511	140	285	221	83
8	50	189	285	537	1980	2720	450	396	130	452	201	81
9	58	137	270	443	1330	2730	410	300	124	360	145	87
10	83	127	262	443	901	1890	379	252	118	240	114	85
11	77	1170	493	521	659	1290	357	414	115	177	100	97
12	73	3330	785	413	554	952	341	308	118	148	2570	104
13	145	1220	541	348	497	782	358	1130	138	129	2970	95
14	212	528	379	361	450	670	766	712	395	115	3730	86
15	147	321	440	578	828	603	819	477	489	105	4670	81
16	112	260	1380	903	2860	552	540	500	378	99	2470	79
17	85	260	1440	1380	2340	531	389	453	319	98	1220	102
18	69	309	1030	3390	1470	6390	322	514	309	92	737	95
19	62	241	1350	2900	947	4320	285	470	331	87	448	103
20	59	227	1410	2240	720	2690	260	312	456	83	317	169
21	56	417	921	1630	1230	1540	241	390	423	83	251	137
22	54	346	705	4400	2550	1010	224	1130	283	88	223	118
23	61	258	3250	3890	2370	790	206	1860	207	86	194	104
24	84	375	3730	2240	1710	1370	194	1370	189	82	170	89
25	92	1990	2200	2520	2340	1340	187	1050	490	102	153	80
26	81	3490	1380	1990	2780	882	179	903	624	80	137	74
27	74	2600	906	1310	3310	700	171	524	781	68	124	71
28	72	1870	665	1040	3660	723	165	347	314	65	120	68
29	65	1870	540	847	---	1230	155	270	224	69	116	70
30	61	2440	464	722	---	2380	148	243	195	94	117	146
31	53	---	410	621	---	1590	---	211	---	117	109	---
TOTAL	2375	25105	30661	41412	41713	51225	12950	16487	8251	4628	23458	2890
MEAN	76.6	837	989	1336	1490	1652	432	532	275	149	757	96.3
MAX	212	3490	3730	4400	3660	6390	1060	1860	781	452	4670	169
MIN	50	50	262	338	450	531	148	145	115	65	83	68
CFSM	.25	2.72	3.21	4.34	4.84	5.36	1.40	1.73	.89	.48	2.46	.31
IN.	.29	3.03	3.70	5.00	5.04	6.19	1.56	1.99	1.00	.56	2.83	.35
CAL YR 1986	TOTAL	135246	MEAN	371	MAX	3730	MIN	50	CFSM	1.21	IN	16.33
WTR YR 1987	TOTAL	261155	MEAN	715	MAX	6390	MIN	50	CFSM	2.32	IN	31.54

PEARL RIVER BASIN

02481880 PEARL RIVER AT BURNSIDE, MS

LOCATION.--Lat 32°50'27", long 89°05'51", in NE¼ sec.6, T.11 N., R.12 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03160108, on right bank at downstream edge of roadway at bridge on State Highway 15, 2.4 mi upstream from Illinois Central and Gulf railroad, 4.8 mi north of Philadelphia and 0.9 mi south of Burnside, MS.

DRAINAGE AREA.--520 mi².

PERIOD OF RECORD.--January 1981 to current year.

GAGE.--Water-stage recorder. Datum of gage is 376.30 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Nov. 23-26. Records poor. Telemeter at station.

AVERAGE DISCHARGE.--6 years, 697 ft³/s, 18.20 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37,800 ft³/s, May 21, 1983, gage height, 19.77 ft; minimum daily, 0.47 ft³/s, Sept. 28, 1987.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed, 70,600 ft³/s, Apr. 13, 1979; gage height, 23.31 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 11,300 ft³/s, Mar. 1, gage height, 15.78 ft; minimum, 0.32 ft³/s, Sept. 29, gage height 4.34 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.60	109	1890	698	688	11000	453	21	58	173	2.4	1.2
2	1.8	84	1430	563	643	8340	523	15	42	139	1.8	1.6
3	2.9	64	1150	460	627	4810	639	15	32	116	2.0	1.9
4	2.5	45	927	429	607	2810	702	15	26	95	4.6	2.0
5	2.5	32	749	451	612	1860	660	14	31	71	13	1.9
6	3.0	19	598	445	698	1390	579	11	61	50	3.4	1.8
7	4.0	14	472	466	1620	1120	508	39	83	33	4.2	1.8
8	4.3	20	364	496	3170	999	451	85	86	22	3.7	2.3
9	4.9	28	303	513	4530	1040	403	84	58	15	2.9	3.6
10	5.4	43	465	510	3300	1230	351	113	41	12	2.6	2.5
11	5.1	47	654	471	2120	1890	293	126	34	10	2.5	2.3
12	14	55	782	427	1530	1770	241	182	31	9.0	3.3	3.3
13	34	51	959	390	1190	1490	200	251	28	8.2	2.3	3.9
14	35	41	1160	359	959	1210	191	299	27	7.3	2.5	6.0
15	57	36	1180	336	828	992	193	315	51	6.2	2.6	4.0
16	77	34	1080	316	1160	818	195	318	83	5.3	2.5	1.2
17	81	51	962	311	1350	684	182	275	113	5.8	2.4	1.2
18	68	46	842	642	2440	734	162	230	123	4.6	2.5	1.6
19	58	50	764	1440	2320	747	143	222	151	3.9	2.4	1.7
20	47	89	688	4820	1800	756	121	215	520	3.9	3.1	1.7
21	33	178	627	6240	1450	888	104	192	1480	3.7	3.1	1.7
22	24	221	574	4040	1500	933	90	163	1950	4.2	3.1	1.6
23	13	300	633	2470	1960	849	78	178	1550	5.6	2.6	1.0
24	12	500	925	1720	2830	762	65	227	1330	4.4	2.4	.94
25	36	1000	997	1380	3170	686	50	244	1170	3.4	2.8	1.0
26	104	5000	1510	1200	2550	590	37	247	844	3.1	3.1	.83
27	126	5530	1730	1050	4090	521	29	221	572	3.1	2.8	.69
28	142	5260	1460	972	8430	458	22	196	431	2.8	2.2	.47
29	142	3910	1250	945	---	407	18	158	332	2.9	2.3	.53
30	133	2640	1050	901	---	428	22	113	232	2.8	2.1	1.3
31	127	---	856	802	---	426	---	81	---	2.3	.79	---
TOTAL	1400.00	25497	29031	36263	58172	52638	7705	4865	11570	828.5	93.99	57.56
MEAN	45.2	850	936	1170	2078	1698	257	157	386	26.7	3.03	1.92
MAX	142	5530	1890	6240	8430	11000	702	318	1950	173	13	6.0
MIN	.60	14	303	311	607	407	18	11	26	2.3	.79	.47
CFSM	.09	1.64	1.80	2.25	4.00	3.27	.49	.30	.74	.05	.006	.004
IN.	.10	1.82	2.08	2.59	4.16	3.77	.55	.35	.83	.06	.01	.00
CAL YR 1986	TOTAL	94856.08	MEAN	260	MAX	5530	MIN	.60	CFSM	.50	IN	6.79
WTR YR 1987	TOTAL	228121.05	MEAN	625	MAX	11000	MIN	.47	CFSM	1.20	IN	16.32

PEARL RIVER BASIN

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02481880 PEARL RIVER AT BURNSIDE, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.07	6.54	12.82	10.79	10.75	15.71	9.55	4.98	5.52	7.11	4.45	4.33
2	4.18	6.24	12.41	10.20	10.57	15.07	9.98	4.82	5.23	6.74	4.41	4.37
3	4.28	5.95	11.98	9.59	10.50	14.06	10.55	4.82	5.03	6.47	4.42	4.38
4	4.26	5.66	11.51	9.38	10.41	13.32	10.81	4.82	4.88	6.21	4.56	4.39
5	4.26	5.42	10.98	9.54	10.43	12.80	10.64	4.78	4.97	5.87	4.88	4.39
6	4.29	5.14	10.36	9.50	10.77	12.36	10.28	4.68	5.57	5.53	4.51	4.38
7	4.35	4.99	9.67	9.64	12.50	11.92	9.90	5.33	5.91	5.20	4.55	4.38
8	4.37	5.16	8.91	9.82	13.46	11.68	9.53	6.15	5.95	4.95	4.52	4.41
9	4.40	5.33	8.42	9.93	13.98	11.77	9.20	6.11	5.52	4.78	4.48	4.49
10	4.42	5.65	9.60	9.91	13.52	12.08	8.81	6.49	5.22	4.69	4.46	4.42
11	4.41	5.71	10.61	9.67	12.98	12.83	8.34	6.64	5.06	4.64	4.45	4.40
12	4.70	5.84	11.10	9.37	12.51	12.74	7.90	7.25	5.00	4.60	4.50	4.46
13	5.26	5.76	11.58	9.11	12.06	12.48	7.51	7.97	4.92	4.58	4.44	4.51
14	5.27	5.57	12.01	8.87	11.59	12.09	7.42	8.40	4.92	4.55	4.45	4.61
15	5.68	5.43	12.04	8.69	11.24	11.66	7.44	8.52	5.37	4.51	4.45	4.52
16	6.01	5.39	11.86	8.54	11.99	11.21	7.46	8.55	5.91	4.48	4.45	4.33
17	6.07	5.70	11.60	8.49	12.29	10.73	7.32	8.19	6.31	4.52	4.44	4.34
18	5.87	5.59	11.29	10.38	13.15	10.92	7.11	7.73	6.43	4.47	4.44	4.39
19	5.71	5.66	11.04	12.36	13.10	10.99	6.90	7.64	6.77	4.45	4.43	4.41
20	5.52	6.20	10.75	14.02	12.76	11.01	6.65	7.55	9.51	4.45	4.47	4.42
21	5.23	7.30	10.50	14.51	12.44	11.41	6.43	7.26	12.42	4.45	4.48	4.43
22	5.02	7.70	10.26	13.80	12.48	11.53	6.24	6.90	12.87	4.49	4.48	4.43
23	4.72	8.20	10.51	13.17	12.88	11.31	6.06	7.08	12.54	4.56	4.44	4.39
24	4.69	8.20	11.51	12.69	13.32	11.04	5.86	7.70	12.28	4.51	4.43	4.39
25	5.25	8.20	11.68	12.36	13.48	10.74	5.61	7.90	12.02	4.47	4.46	4.41
26	6.38	9.76	12.45	12.07	13.21	10.34	5.35	7.93	11.27	4.46	4.47	4.40
27	6.67	14.30	12.70	11.80	13.81	9.97	5.19	7.62	10.23	4.46	4.46	4.39
28	6.85	14.22	12.45	11.62	15.09	9.58	5.01	7.31	9.39	4.46	4.42	4.36
29	6.86	13.76	12.15	11.56	---	9.23	4.91	6.84	8.66	4.47	4.41	4.38
30	6.78	13.25	11.78	11.45	---	9.38	5.02	6.31	7.77	4.47	4.40	4.49
31	6.74	---	11.32	11.16	---	9.37	---	5.88	---	4.45	4.27	---
MEAN	5.24	7.26	11.22	10.77	12.40	11.66	7.63	6.78	7.45	4.90	4.47	4.41
MAX	6.86	14.30	12.82	14.51	15.09	15.71	10.81	8.55	12.87	7.11	4.88	4.61
MIN	4.07	4.99	8.42	8.49	10.41	9.23	4.91	4.68	4.88	4.45	4.27	4.33

WTR YR 1987 MEAN 7.83 MAX 15.71 MIN 4.07

PEARL RIVER BASIN

02482000 PEARL RIVER AT EDINBURG, MS

LOCATION.--Lat 32°47'55", long 89°20'10", in SW1/4 sec.13, T.11 N., R.9 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on right bank 10 ft downstream from bridge on State Highway 16 at Edinburg, 1,100 ft downstream from Hooper Mill Creek, 1.6 mi upstream from Rice Creek and at mile 387.5.

DRAINAGE AREA.--904 mi².

PERIOD OF RECORD.--August 1928 to current year. Daily mean gage heights published since January 1972. Gage-height records collected in same vicinity since 1908 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1504: 1929-30, 1933. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 341.67 ft above National Geodetic Vertical Datum of 1929. Prior to July 2, 1930, nonrecording gage at site 500 ft upstream at datum 0.12 ft higher. July 2, 1930 to Sept. 20, 1938, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--59 years, 1,165 ft³/s, 17.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 77,900 ft³/s, Apr. 14, 1979, gage height, 30.06 ft; minimum, 1.7 ft³/s, Oct. 5, 1954, gage height, 1.02 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood in March 1902 reached a stage of 29.0 ft, from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 29	1830	5,920	20.69	Mar. 2	0615	*18,200	*25.14
Jan. 23	0900	5,950	20.72				

Minimum discharge, 5.0 ft³/s, Sept. 28, 29, 30; minimum gage height, 1.44 ft. Oct. 8, 9.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	135	5010	1440	1260	15400	1140	102	166	418	11	7.9
2	15	129	4230	1250	1440	17800	1030	97	138	320	12	7.6
3	12	117	3360	1060	1400	14700	984	101	110	245	12	7.0
4	12	103	2420	1010	1410	10100	1050	135	101	196	18	6.6
5	11	128	1760	983	1360	7130	1100	141	89	163	77	6.5
6	9.3	132	1380	1030	1520	5340	1140	143	82	138	109	6.5
7	8.2	123	1130	1010	3200	4160	1080	176	93	117	93	6.2
8	7.6	123	912	883	3510	3320	976	184	95	116	60	6.5
9	7.8	100	795	805	4080	2840	864	194	98	90	37	7.0
10	11	98	1240	820	4520	2490	759	214	95	72	25	6.7
11	9.2	87	1360	810	4780	2270	670	334	83	61	22	7.2
12	71	83	1510	780	4440	2100	609	672	71	51	20	7.6
13	269	80	1550	718	3750	2290	541	422	77	43	19	13
14	233	75	1470	658	2860	2400	619	437	93	38	17	15
15	172	72	1380	629	2310	2250	563	465	96	33	16	15
16	126	69	1400	599	2880	1970	502	494	125	29	15	13
17	107	114	1440	582	2840	1670	460	475	157	26	15	12
18	100	119	1460	1730	2980	1870	424	571	182	22	17	10
19	91	122	1470	2780	2730	1740	387	534	202	20	27	9.9
20	81	342	1390	3650	2920	1790	351	423	388	18	19	9.2
21	71	382	1290	4240	3120	1650	313	387	724	17	18	7.9
22	60	507	1150	5230	3590	1480	278	346	817	27	14	7.2
23	50	1060	1320	5860	3880	1400	246	291	1040	21	12	6.7
24	46	1460	1590	5230	4350	1430	220	281	1520	21	11	6.3
25	83	2040	1830	4460	4310	1410	201	294	1890	18	10	5.8
26	77	3420	2020	3640	4570	1320	181	318	1800	16	9.6	5.4
27	104	3820	1830	2820	6320	1220	161	335	1570	14	9.0	5.2
28	133	4930	1730	2200	9400	1090	141	340	1270	13	8.6	5.1
29	141	5780	1860	1780	---	987	126	301	912	13	8.2	5.0
30	143	5700	1840	1520	---	1090	113	250	594	12	8.1	5.8
31	141	---	1650	1360	---	1070	---	204	---	11	7.9	---
TOTAL	2413.1	31450	54777	61567	95730	117777	17229	9661	14678	2399	757.4	240.8
MEAN	77.8	1048	1767	1986	3419	3799	574	312	489	77.4	24.4	8.03
MAX	269	5780	5010	5860	9400	17800	1140	672	1890	418	109	15
MIN	7.6	69	795	582	1260	987	113	97	71	11	7.9	5.0
CFSM	.09	1.16	1.96	2.20	3.78	4.20	.64	.35	.54	.09	.03	.009
IN.	.10	1.29	2.25	2.53	3.94	4.85	.71	.40	.60	.10	.03	.01
CAL YR 1986	TOTAL	181424.5	MEAN	497	MAX	5780	MIN	7.3	CFSM	.55	IN	7.47
WTR YR 1987	TOTAL	408679.3	MEAN	1120	MAX	17800	MIN	5.0	CFSM	1.24	IN	16.82

PEARL RIVER BASIN

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02482000 PEARL RIVER AT EDINBURG, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.64	3.85	19.70	11.19	10.35	24.60	9.82	3.61	4.36	6.24	2.04	1.78
2	1.81	3.78	18.46	10.32	11.15	25.06	9.33	3.54	4.05	5.60	2.05	1.77
3	1.66	3.65	16.79	9.46	11.00	24.47	9.13	3.59	3.71	5.07	2.07	1.74
4	1.67	3.48	14.56	9.23	11.06	23.27	9.40	4.02	3.60	4.65	2.18	1.73
5	1.62	3.77	12.45	9.09	10.84	21.71	9.66	4.09	3.43	4.33	3.24	1.72
6	1.54	3.81	10.92	9.33	11.38	20.08	9.81	4.11	3.31	4.05	3.69	1.72
7	1.49	3.72	9.76	9.20	16.46	18.33	9.58	4.46	3.49	3.81	3.46	1.70
8	1.45	3.71	8.75	8.61	17.12	16.72	9.10	4.54	3.51	3.79	2.96	1.72
9	1.46	3.44	8.16	8.21	18.20	15.65	8.58	4.64	3.55	3.44	2.57	1.74
10	1.60	3.42	10.25	8.29	18.93	14.82	8.07	4.78	3.51	3.17	2.32	1.73
11	1.54	3.27	10.82	8.24	19.36	14.16	7.63	5.64	3.33	2.98	2.23	1.76
12	2.45	3.21	11.47	8.09	18.82	13.63	7.33	7.62	3.15	2.84	2.18	1.78
13	5.01	3.16	11.65	7.77	17.58	14.22	6.96	6.26	3.24	2.73	2.16	1.98
14	4.75	3.09	11.29	7.47	15.69	14.57	7.38	6.35	3.49	2.63	2.10	2.06
15	4.22	3.05	10.90	7.31	14.23	14.10	7.08	6.53	3.53	2.56	2.07	2.05
16	3.75	2.99	11.02	7.15	15.74	13.19	6.74	6.70	3.90	2.49	2.04	2.00
17	3.52	3.60	11.18	7.05	15.66	12.15	6.50	6.59	4.27	2.42	2.04	1.96
18	3.43	3.67	11.25	12.19	15.97	12.85	6.27	7.10	4.52	2.34	2.10	1.91
19	3.32	3.71	11.32	15.51	15.40	12.40	6.04	6.92	4.71	2.27	2.36	1.88
20	3.17	5.39	10.95	17.37	15.84	12.58	5.80	6.27	6.01	2.22	2.17	1.85
21	3.03	5.82	10.49	18.47	16.28	12.05	5.55	6.04	7.90	2.19	2.13	1.80
22	2.85	6.54	9.83	19.96	17.26	11.36	5.32	5.77	8.35	2.43	2.02	1.77
23	2.66	9.43	10.59	20.64	17.85	11.00	5.08	5.40	9.37	2.30	1.95	1.75
24	2.59	11.11	11.81	19.99	18.67	11.14	4.87	5.34	11.51	2.31	1.91	1.72
25	3.19	13.36	12.70	18.84	18.60	11.05	4.69	5.43	12.91	2.23	1.88	1.70
26	3.12	16.92	13.35	17.36	19.01	10.65	4.51	5.58	12.60	2.17	1.85	1.68
27	3.48	17.72	12.72	15.60	21.05	10.18	4.30	5.69	11.73	2.12	1.82	1.66
28	3.83	19.56	12.38	13.93	22.93	9.60	4.09	5.72	10.40	2.10	1.81	1.66
29	3.91	20.56	12.82	12.53	---	9.11	3.91	5.47	8.79	2.08	1.80	1.66
30	3.93	20.49	12.74	11.50	---	9.58	3.76	5.11	7.24	2.05	1.79	1.70
31	3.91	---	12.07	10.82	---	9.52	---	4.73	---	2.01	1.78	---
MEAN	2.83	7.11	12.04	11.96	16.16	14.64	6.88	5.41	5.92	3.02	2.22	1.79
MAX	5.01	20.56	19.70	20.64	22.93	25.06	9.82	7.62	12.91	6.24	3.69	2.06
MIN	1.45	2.99	8.16	7.05	10.35	9.11	3.76	3.54	3.15	2.01	1.78	1.66
CAL YR 1986	MEAN 5.38		MAX 20.56	MIN 1.45								
WTR YR 1987	MEAN 7.45		MAX 25.06	MIN 1.45								

PEARL RIVER BASIN

02482550 PEARL RIVER NEAR CARTHAGE, MS

LOCATION.--Lat 32°42'25", long 89°31'35", in NE¼NE¼ sec.24, T.10 N., R.7 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on right bank at downstream side of bridge on State Highway 35, 2.1 mi south of Carthage, 4.0 mi downstream from Lobutch Creek, 10.8 mi upstream from Tuscolameta Creek, and at mile 366.3.

DRAINAGE AREA.--1,346 mi².

PERIOD OF RECORD.--September 1962 to current year. Daily mean gage heights published since October 1971.

REVISED RECORDS.--WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 315.24 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Nov. 26-28. Records good except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--25 years, 2,024 ft³/s, 20.42 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 102,000 ft³/s, Apr. 14, 1979, gage height 28.74 ft; minimum 31 ft³/s, Oct. 30, 1963, gage height, 2.36 ft; minimum gage height, 1.86 ft, Sept. 30, 1986.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood in March 1902 reached a stage of about 27 ft; flood in 1900 reached a stage of 25.6 ft; flood in 1932 reached a stage of 24.3 ft; flood of Apr. 11, 1938, reached a stage of 23.3 ft, all from information by U. S. Army Corps of Engineers. Flood of Dec. 20, 1961, reached a stage of 25.4 ft, discharge, 31,900 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21,600 ft³/s, Mar. 3, gage height, 23.05, minimum, 50 ft³/s, Oct. 8, gage height, 1.87 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	249	8120	2070	1900	15900	1450	290	368	745	72	62
2	57	233	7320	1800	2250	18700	1440	275	323	593	71	61
3	55	223	6130	1540	2580	21200	1380	277	282	495	69	60
4	60	216	4750	1450	2400	18900	1410	323	262	421	72	60
5	57	246	3470	1460	2290	14600	1440	351	404	393	126	60
6	53	290	2430	1400	2410	10700	1480	343	490	359	157	59
7	51	320	1830	1410	4540	8010	1460	361	379	308	195	59
8	50	453	1480	1310	5380	6240	1370	393	284	323	186	59
9	52	525	1300	1160	6040	5440	1250	408	244	297	152	71
10	56	516	2000	1150	6540	4700	1130	404	224	234	126	61
11	69	448	2500	1180	6710	4130	1020	444	209	198	112	59
12	138	345	2560	1140	6720	3740	946	768	186	173	104	59
13	457	289	2570	1070	6260	3520	904	1090	196	152	96	59
14	600	253	2470	987	5200	3570	1160	857	240	138	93	66
15	616	227	2210	936	4320	3490	1300	857	232	128	88	77
16	496	214	2030	914	4950	3060	1120	876	334	121	85	70
17	355	239	2020	903	5000	2630	969	813	382	113	82	66
18	275	257	2040	2590	4910	3150	858	786	371	105	80	62
19	234	253	2160	4650	4790	3350	770	916	407	98	86	62
20	206	399	2100	5650	4520	3140	702	958	481	93	93	61
21	184	904	1940	6830	4510	2930	641	964	961	90	87	60
22	165	1080	1740	7320	5500	2650	584	904	1240	94	79	60
23	148	1950	1830	7710	6280	2390	538	725	1310	112	74	59
24	140	3030	2550	7980	6240	2140	492	751	1530	111	69	59
25	180	4800	2710	7600	6350	2060	456	659	2140	108	66	57
26	378	7600	2910	6590	7150	1950	422	613	2480	114	64	57
27	460	8500	2990	5340	10300	1790	393	600	2410	101	63	57
28	421	8200	2800	4320	13800	1600	366	577	2080	93	63	56
29	347	8270	2670	3430	---	1410	335	546	1490	86	63	55
30	298	8340	2530	2700	---	1430	311	486	1030	79	62	55
31	269	---	2330	2180	---	1410	---	426	---	77	62	---
TOTAL	6979	58869	88490	96770	149840	179930	28097	19041	22969	6552	2897	1828
MEAN	225	1962	2855	3122	5351	5804	937	614	766	211	93.5	60.9
MAX	616	8500	8120	7980	13800	21200	1480	1090	2480	745	195	77
MIN	50	214	1300	903	1900	1410	311	275	186	77	62	55
CFSM	.17	1.46	2.12	2.32	3.98	4.31	.70	.46	.57	.16	.07	.05
IN.	.19	1.63	2.45	2.67	4.14	4.97	.78	.53	.63	.18	.08	.05
CAL YR 1986	TOTAL	328954	MEAN	901	MAX	8500	MIN	49	CFSM	.67	IN	9.09
WTR YR 1987	TOTAL	662262	MEAN	1814	MAX	21200	MIN	50	CFSM	1.35	IN	18.30

PEARL RIVER BASIN

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02482550 PEARL RIVER NEAR CARTHAGE, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.92	3.94	18.31	10.70	10.32	21.95	9.68	4.25	4.93	6.84	2.46	2.12
2	1.98	3.81	17.68	10.09	11.04	22.57	9.63	4.14	4.65	6.17	2.45	2.11
3	1.95	3.72	16.61	9.48	11.70	23.00	9.43	4.15	4.37	5.68	2.43	2.10
4	2.03	3.66	15.04	9.22	11.36	22.64	9.49	4.48	4.24	5.28	2.46	2.09
5	1.98	3.91	13.20	9.26	11.15	21.55	9.55	4.68	5.16	5.11	3.06	2.09
6	1.92	4.25	11.41	9.10	11.34	19.97	9.64	4.62	5.65	4.91	3.31	2.08
7	1.89	4.46	10.17	9.13	14.76	18.28	9.56	4.74	5.02	4.58	3.58	2.08
8	1.87	5.30	9.32	8.81	15.85	16.81	9.26	4.95	4.43	4.68	3.47	2.07
9	1.91	5.72	8.80	8.39	16.53	16.03	8.89	5.04	4.15	4.51	3.16	2.24
10	1.98	5.67	10.53	8.35	17.00	15.11	8.49	5.02	4.01	4.05	2.90	2.11
11	2.17	5.28	11.54	8.42	17.15	14.36	8.09	5.26	3.89	3.77	2.76	2.08
12	2.87	4.63	11.67	8.31	17.16	13.81	7.78	6.80	3.72	3.55	2.67	2.08
13	5.32	4.24	11.69	8.08	16.74	13.49	7.60	8.15	3.81	3.36	2.58	2.07
14	6.11	3.96	11.49	7.78	15.61	13.59	8.46	7.28	4.16	3.23	2.53	2.17
15	6.19	3.76	10.98	7.60	14.47	13.48	8.87	7.29	4.11	3.12	2.48	2.33
16	5.55	3.65	10.61	7.52	15.32	12.80	8.27	7.36	4.80	3.05	2.44	2.24
17	4.70	3.85	10.58	7.47	15.38	12.06	7.73	7.10	5.10	2.97	2.39	2.19
18	4.13	4.00	10.63	11.57	15.26	12.97	7.29	6.99	5.04	2.88	2.37	2.13
19	3.81	3.97	10.88	14.91	15.11	13.33	6.91	7.52	5.24	2.80	2.45	2.13
20	3.58	4.92	10.75	16.12	14.75	13.01	6.61	7.68	5.63	2.74	2.54	2.12
21	3.38	7.45	10.40	17.26	14.73	12.67	6.31	7.70	7.67	2.70	2.46	2.12
22	3.22	8.09	9.95	17.68	15.92	12.19	6.03	7.47	8.62	2.75	2.36	2.11
23	3.06	10.42	10.16	18.01	16.76	11.71	5.79	6.73	8.82	2.96	2.30	2.10
24	2.99	12.41	11.64	18.21	16.72	11.24	5.54	6.85	9.43	2.95	2.23	2.09
25	3.35	15.08	11.95	17.92	16.83	11.09	5.33	6.44	10.82	2.91	2.18	2.08
26	4.83	---	12.30	17.03	17.52	10.86	5.13	6.23	11.51	2.98	2.15	2.07
27	5.36	---	12.43	15.79	19.70	10.52	4.95	6.16	11.37	2.83	2.14	2.07
28	5.12	---	12.10	14.47	21.23	10.08	4.78	6.05	10.71	2.73	2.14	2.06
29	4.65	18.42	11.87	13.15	---	9.60	4.57	5.90	9.32	2.66	2.14	2.06
30	4.31	18.47	11.60	11.91	---	9.68	4.40	5.60	7.93	2.56	2.13	2.05
31	4.09	---	11.22	10.91	---	9.59	---	5.27	---	2.53	2.12	---
MEAN	3.49	---	11.86	11.70	15.26	14.52	7.47	6.06	6.28	3.67	2.54	2.11
MAX	6.19	---	18.31	18.21	21.23	23.00	9.68	8.15	11.51	6.84	3.58	2.33
MIN	1.87	---	8.80	7.47	10.32	9.59	4.40	4.14	3.72	2.53	2.12	2.05

PEARL RIVER BASIN

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

LOCATION.--Lat 32°35'18", long 89°27'54", in NW¼ sec.34, T.9 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on left bank at downstream side of bridge on State Highway 35, over north drainage canal, 0.4 mi southwest of Walnut Grove, 0.6 mi upstream from Illinois Central and Gulf Railroad bridge, 7.5 mi upstream from junction of north and south drainage canals, and 15.5 mi upstream from mouth.

DRAINAGE AREA.--411 mi², combined drainage area for all channels.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for October to December 1938, published in WSP 1304. Daily mean gage heights published since October 1971.

REVISED RECORDS.--WSP 1002: 1943. WSP 1504: 1939-40, 1943-44(M).

GAGE.--Water-stage recorder. Datum of gages is 322.70 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to June 18, 1939, nonrecording gage and June 18, 1939 to July 13, 1953, water-stage recorder and nonrecording gage, at site 0.2 mi upstream at same datum. Water-stage recorder, on south canal right bank at upstream side of bridge on State Highway 35, 1 mi south of north canal gage. prior to Nov. 24, 1943, nonrecording gage and Nov. 24, 1943 to Oct. 21, 1959, water-stage recorder, on south canal at site 1,800 ft downstream, at same datum. Prior to Oct. 1, 1971, at datum 10.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 1-11, Apr. 18 to May 2, Aug. 18-20, Aug. 24, Sept. 12-30. Records poor. Discharge computed by combining flow of individually rated channels. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 543 ft³/s, 17.94 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34,600 ft³/s, Jan. 7, 1950, gage height, 33.00 ft present datum, north canal, at site 0.2 miles upstream; maximum gage height, south canal, 31.53 ft, Jan. 7, 1950, present datum, at site 1,800 ft downstream; minimum discharge, 2.4 ft³/s, Oct. 2, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Prior to canalization, creek reached a stage of 34.5 ft present datum, from floodmark, believed to be flood of April 1900.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 27	1515	7,860	26.43	Feb. 24	1000	7,270	26.25
Jan. 20	1800	9,910	26.96	Feb. 28	1915	*16,000	*28.20
Feb. 9	0500	4,790	25.42				

Minimum daily discharge, 6.1 ft³/s, Aug. 25-27.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	16	522	147	168	14200	704	42	50	42	11	8.8
2	16	17	423	132	693	10000	416	39	47	54	14	8.7
3	22	20	305	111	1390	5260	421	321	43	40	16	9.2
4	16	23	220	574	909	1270	602	1710	51	29	44	10
5	14	117	163	1190	511	654	511	1290	58	23	84	9.5
6	13	205	131	917	842	513	373	606	60	19	21	8.4
7	12	122	114	536	2970	437	296	1220	46	17	12	8.0
8	12	74	107	306	3980	1180	244	1090	44	17	8.6	9.6
9	12	88	184	219	3820	2080	214	453	41	18	7.4	12
10	15	52	1400	266	1230	1890	192	187	45	17	7.5	12
11	17	32	2080	292	432	1180	181	334	40	14	11	17
12	81	22	2010	219	305	649	174	306	45	12	19	20
13	321	22	1330	162	247	515	164	444	188	11	16	16
14	286	23	630	137	199	431	206	863	778	9.8	15	12
15	127	25	359	152	683	373	236	1540	235	9.4	12	11
16	39	32	389	168	2630	336	196	1280	138	8.9	11	9.6
17	18	247	510	210	2930	320	158	622	469	9.2	9.4	8.9
18	11	284	599	2670	2300	1280	140	342	405	11	8.4	9.7
19	8.3	155	1010	5110	757	1720	124	266	197	12	8.4	9.9
20	7.0	469	922	8940	402	1140	106	258	616	12	8.2	10
21	7.0	1100	568	7460	750	597	93	234	710	13	8.2	11
22	7.7	923	346	2080	2890	391	80	255	448	14	7.9	11
23	12	891	975	627	5220	316	79	201	212	15	7.2	10
24	18	1670	2110	396	7000	422	75	581	517	18	6.7	10
25	29	2910	1980	723	3570	515	64	420	496	15	6.1	11
26	32	5290	1200	1230	2190	386	60	222	434	16	6.1	10
27	25	7590	548	885	6530	294	56	137	220	15	6.1	10
28	21	6020	344	520	14100	253	51	101	111	17	7.5	9.8
29	17	1760	255	326	---	315	49	71	62	20	8.2	9.9
30	16	599	204	257	---	1350	46	60	44	15	9.5	11
31	15	---	172	208	---	1210	---	56	---	11	9.0	---
TOTAL	1275.0	30798	22110	37170	69648	51477	6311	15551	6850	554.3	426.4	324.0
MEAN	41.1	1027	713	1199	2487	1661	210	502	228	17.9	13.8	10.8
MAX	321	7590	2110	8940	14100	14200	704	1710	778	54	84	20
MIN	7.0	16	107	111	168	253	46	39	40	8.9	6.1	8.0
CFSM	.10	2.50	1.74	2.92	6.05	4.04	.51	1.22	.56	.04	.03	.03

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GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.26	11.00	14.02	11.99	12.46	27.87	14.27	10.60	10.63	10.86	10.72	10.72
2	10.97	11.06	13.35	11.95	15.33	26.97	12.98	10.58	10.60	10.88	10.80	10.71
3	11.10	11.12	12.65	11.78	18.32	25.28	13.01	12.22	10.56	10.81	10.86	10.73
4	10.96	11.15	12.16	14.29	16.06	18.28	13.97	19.62	10.64	10.69	11.02	10.78
5	10.93	11.64	11.88	17.09	14.27	14.63	13.40	17.19	10.71	10.62	11.47	10.78
6	10.93	11.99	11.70	15.61	15.84	13.75	12.77	14.05	10.73	10.55	10.95	10.74
7	10.93	11.56	11.58	14.09	23.93	13.43	12.41	16.21	10.57	10.51	10.70	10.74
8	10.92	11.43	11.51	12.95	24.87	17.05	12.12	16.51	10.56	10.50	10.59	10.80
9	10.93	11.35	11.89	12.45	24.58	20.59	11.95	13.07	10.55	10.52	10.58	10.94
10	11.00	11.29	18.05	12.80	18.04	19.26	11.80	11.76	10.60	10.46	10.63	10.90
11	11.04	11.25	20.68	12.76	14.01	16.45	11.71	12.60	10.55	10.43	10.71	11.02
12	11.45	11.13	20.06	12.38	13.30	14.29	11.66	12.45	10.61	10.41	10.82	11.15
13	12.61	11.09	17.17	12.13	12.99	13.60	11.58	13.49	11.17	10.38	10.83	11.03
14	12.57	11.09	14.31	12.03	12.68	13.17	11.84	16.07	14.41	10.39	10.80	10.90
15	11.57	11.11	12.96	12.13	14.98	12.88	12.03	18.63	12.00	10.42	10.78	10.86
16	11.06	11.18	13.11	12.24	23.04	12.71	11.83	17.69	11.42	10.44	10.75	10.77
17	10.94	11.97	13.62	12.39	23.80	12.61	11.53	14.46	13.14	10.46	10.75	10.78
18	10.86	12.15	14.13	22.41	21.72	17.56	11.44	12.76	12.56	10.51	10.74	10.87
19	10.79	11.72	16.08	25.49	15.69	19.10	11.33	12.09	11.79	10.59	10.76	10.91
20	10.74	13.33	15.32	26.70	13.82	16.50	11.18	11.76	14.53	10.68	10.76	10.95
21	10.73	16.25	13.92	26.31	15.45	14.06	11.08	11.50	14.68	10.72	10.77	11.00
22	10.77	15.19	12.96	21.35	22.84	12.99	10.99	12.13	13.94	10.79	10.75	10.98
23	10.84	15.84	16.27	15.29	25.51	12.57	10.89	11.79	12.31	10.84	10.72	10.96
24	11.06	19.42	21.24	13.84	26.17	13.07	10.84	14.30	14.67	10.89	10.70	10.97
25	11.20	23.56	20.52	15.54	23.67	13.27	10.79	12.57	13.91	10.82	10.67	11.00
26	11.24	25.61	17.49	17.49	21.43	12.63	10.75	11.72	12.94	10.85	10.66	11.00
27	11.11	26.36	14.28	15.77	25.99	12.28	10.72	11.20	12.31	10.84	10.65	11.02
28	11.05	25.83	13.15	14.33	27.81	12.11	10.67	11.00	11.46	10.87	10.70	11.03
29	11.00	20.25	12.65	13.37	---	12.45	10.66	10.83	11.06	10.99	10.71	11.04
30	11.00	14.58	12.35	12.99	---	17.75	10.65	10.74	10.90	10.85	10.72	11.06
31	10.98	---	12.15	12.67	---	16.41	---	10.70	---	10.74	10.72	---
MEAN	11.11	14.42	14.62	15.31	19.24	15.99	11.76	13.30	11.88	10.66	10.77	10.90
MAX	12.61	26.36	21.24	26.70	27.81	27.87	14.27	19.62	14.68	10.99	11.47	11.15
MIN	10.73	11.00	11.51	11.78	12.46	12.11	10.65	10.58	10.55	10.38	10.58	10.71
CAL YR 1986	MEAN	12.25	MAX	26.36	MIN	10.52						
WTR YR 1987	MEAN	13.29	MAX	27.87	MIN	10.38						

PEARL RIVER BASIN

02484000 YOCKANOOKANY RIVER NEAR KOSCIUSKO, MS

LOCATION.--Lat 33°01'55", long 89°34'40", in NE¼NE¼ sec.33, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on left bank at downstream side of bridge on State Highway 35, 2.0 mi south of Kosciusko.

DRAINAGE AREA.--303 mi².

PERIOD OF RECORD.--August 1938 to current year. Prior to October 1947, published as Yokahockany River near Kosciusko.

REVISED RECORDS.--WSP 1504: 1946. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is above 374.34 ft above National Geodetic Vertical Datum of 1929, (levels by U. S. Army Corps of Engineers). Prior to Mar. 28, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Telemeter at station.

AVERAGE DISCHARGE.--49 years, 443 ft³/s, 19.85 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40,700 ft³/s, Apr. 13, 1979, gage height, 23.06 ft; minimum discharge, 2.3 ft³/s, Aug. 20-24, 1943; minimum gage height, 0.10 ft, Sept. 3-6, 1939.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in December 1932 reached a stage of about 17 ft, from information by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	1700	4,440	13.81	Mar. 1	0700	*4,670	*13.95
Jan. 21	0300	3,420	13.14				

Minimum discharge, 5.4 ft³/s, Sept. 7, gage height, 2.72 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	23	291	143	183	4550	195	34	46	55	37	9.4
2	13	21	214	134	556	3590	157	35	40	96	32	9.3
3	11	19	169	125	664	2110	164	41	49	84	17	8.8
4	14	24	136	170	420	706	210	46	192	66	20	8.6
5	14	71	118	194	290	345	194	41	79	73	45	8.3
6	14	65	106	163	460	266	152	66	48	55	36	8.8
7	16	261	102	139	2130	222	131	128	35	54	24	8.1
8	17	645	98	134	2570	656	121	283	29	43	21	8.3
9	59	467	147	127	1710	1600	113	133	25	35	17	9.1
10	92	532	531	186	649	1950	114	91	23	32	16	10
11	62	240	630	190	319	1940	128	596	22	28	14	16
12	151	128	530	148	253	887	186	475	23	27	14	23
13	424	88	350	128	214	363	174	190	38	24	14	25
14	274	69	238	122	185	273	689	140	359	22	13	22
15	110	61	204	163	418	231	580	112	342	20	14	12
16	59	58	245	208	1450	197	303	103	121	19	15	11
17	39	56	241	207	1830	186	192	92	98	19	15	10
18	29	54	250	1140	1680	1020	156	194	90	18	13	10
19	24	53	377	2750	977	1400	147	172	101	16	12	15
20	20	493	301	3110	424	1150	110	114	341	15	13	19
21	18	551	215	3180	681	494	90	80	821	15	12	18
22	17	549	168	1860	1310	283	82	234	765	25	12	13
23	16	1610	433	523	2440	213	72	129	233	35	11	10
24	170	2850	1100	292	2600	277	65	237	243	30	10	9.1
25	662	3380	1230	728	2380	364	57	489	614	24	9.8	8.6
26	250	4240	925	1110	1480	247	61	597	306	21	9.3	8.1
27	107	3970	416	910	3050	184	52	483	140	19	9.6	12
28	64	3500	270	451	4110	157	44	159	103	16	12	10
29	44	2160	207	315	---	145	39	94	72	15	12	7.7
30	33	641	176	258	---	193	36	68	58	14	10	7.5
31	27	---	156	223	---	237	---	56	---	13	9.7	---
TOTAL	2861	26879	10574	19531	35433	26436	4814	5712	5456	1028	519.4	355.7
MEAN	92.3	896	341	630	1265	853	160	184	182	33.2	16.8	11.9
MAX	662	4240	1230	3180	4110	4550	689	597	821	96	45	25
MIN	11	19	98	122	183	145	36	34	22	13	9.3	7.5
CFSM	.31	2.96	1.13	2.08	4.18	2.82	.53	.61	.60	.11	.06	.04
IN.	.35	3.30	1.30	2.40	4.35	3.25	.59	.70	.67	.13	.06	.04

CAL YR 1986	TOTAL	81379.2	MEAN 223	MAX 4240	MIN 8.0	CFSM .74	IN 9.99
WTR YR 1987	TOTAL	139599.1	MEAN 382	MAX 4550	MIN 7.5	CFSM 1.26	IN 17.14

PEARL RIVER BASIN

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02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS

LOCATION.--Lat 32°42'20", long 89°40'20", in NE¼NW¼ sec.22, T.10 N., R.6 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, near center of main span on downstream side of bridge on State Highway 16, 1.5 mi east of Ofahoma, 3.5 mi upstream from mouth, and 8.5 mi southwest of Carthage.

DRAINAGE AREA.--469 mi².

PERIOD OF RECORD.--October 1943 to current year. Daily mean gage heights published since October 1971. Prior to October 1947 published as Yokahockany River near Ofahoma.

REVISED RECORDS.--WSP 1204: 1948. WSP 1504: 1949. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 311.15 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Sept. 5, 1962, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: June 29 to July 24 and July 27 to Aug. 3. Records good except for periods of sluggish intakes, Aug. 9 to Sept. 10, which are fair, and for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--44 years, 698 ft³/s, 20.21 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 46,500 ft³/s, Apr. 14, 1979, gage height, 23.27 ft; minimum, 4.9 ft³/s, Aug. 20, Sept. 11, 1954; minimum gage height, 0.27 ft, Sept. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	2100	5,020	15.94	Feb. 27	2045	*5,590	*16.24
Jan. 23	1145	3,180	13.52				

Minimum discharge, 11 ft³/s, Sept. 12, gage height, 0.28 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	66	2900	308	571	4700	344	70	164	170	28	19
2	20	53	2130	256	844	4810	367	64	127	130	26	18
3	19	47	1340	224	916	4760	349	64	105	115	31	17
4	19	44	722	215	859	4200	330	189	96	130	66	16
5	20	58	392	230	946	3230	322	129	260	160	47	16
6	20	63	269	270	999	2300	341	98	453	170	40	15
7	19	139	214	289	1710	1450	316	444	272	150	60	14
8	21	180	184	247	1910	1020	272	426	140	130	56	14
9	23	266	187	215	2040	1200	238	269	97	115	44	13
10	24	382	403	234	2550	1160	217	317	78	95	37	12
11	38	451	536	239	2460	1400	204	224	65	77	34	12
12	94	480	627	269	1930	1820	201	184	58	69	33	12
13	142	444	698	262	1250	2030	222	353	133	61	30	21
14	222	274	727	223	737	1890	443	591	148	59	29	26
15	311	158	652	200	683	1310	518	615	100	53	27	35
16	310	114	512	200	1540	776	605	329	297	48	26	37
17	186	101	408	240	1580	553	763	236	434	44	25	32
18	95	89	389	983	1660	1270	697	182	351	40	25	24
19	64	85	432	2320	1900	1300	468	155	300	40	24	21
20	49	163	426	2390	1970	1220	313	235	276	38	24	20
21	41	394	428	2640	1890	1430	255	242	415	35	23	23
22	37	492	420	2990	1940	1550	201	175	473	33	22	24
23	34	995	463	3160	2120	1380	167	194	628	33	21	28
24	34	1480	685	2840	2150	979	144	1160	786	48	20	27
25	38	2470	702	2170	2420	659	129	491	803	63	45	22
26	150	4480	835	1510	3050	547	115	426	609	52	54	18
27	334	4750	1060	1120	5090	541	112	500	564	44	28	16
28	364	4210	1190	1180	5150	489	104	601	559	38	24	15
29	224	3810	1070	1310	---	386	91	665	365	34	22	15
30	115	3420	696	1200	---	336	78	502	240	32	21	13
31	84	---	419	830	---	318	---	253	---	30	19	---
TOTAL	3171	30158	22116	30764	52865	51014	8926	10383	9396	2336	1011	595
MEAN	102	1005	713	992	1888	1646	298	335	313	75.4	32.6	19.8
MAX	364	4750	2900	3160	5150	4810	763	1160	803	170	66	37
MIN	19	44	184	200	571	318	78	64	58	30	19	12
CFSM	.22	2.14	1.52	2.12	4.03	3.51	.64	.71	.67	.16	.07	.04
IN.	.25	2.39	1.75	2.44	4.19	4.05	.71	.82	.75	.19	.08	.05

CAL YR 1986 TOTAL 114819 MEAN 315 MAX 4750 MIN 19 CFSM .67 IN 9.11
WTR YR 1987 TOTAL 222735 MEAN 610 MAX 5150 MIN 12 CFSM 1.30 IN 17.67

PEARL RIVER BASIN

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.33	1.29	13.35	4.03	5.08	15.60	3.84	1.61	2.34	---	---	.38
2	.33	1.07	11.74	3.63	6.45	15.70	3.98	1.53	2.00	---	---	.36
3	.30	.94	9.35	3.37	6.82	15.65	3.87	1.53	1.78	---	---	.35
4	.28	.88	6.54	3.30	6.55	15.00	3.75	2.75	1.67	---	1.19	.34
5	.32	1.15	4.61	3.42	6.96	13.58	3.71	2.24	3.05	---	.89	.33
6	.32	1.24	3.73	3.75	7.20	11.63	3.82	1.92	4.40	---	.78	.31
7	.30	2.29	3.29	3.89	9.91	9.02	3.67	4.33	3.19	---	1.11	.31
8	.35	2.70	3.03	3.56	10.58	7.29	3.39	4.29	2.11	---	1.05	.30
9	.41	3.41	3.05	3.30	10.93	8.06	3.16	3.37	1.68	---	.84	.29
10	.45	4.26	4.68	3.45	12.27	7.92	3.01	3.67	1.47	---	.72	.28
11	.79	4.72	5.53	3.49	12.06	8.86	2.91	3.05	1.32	---	.67	.30
12	1.75	4.90	6.06	3.73	10.60	10.29	2.88	2.74	1.22	---	.64	.28
13	2.34	4.67	6.44	3.68	8.25	10.95	3.05	3.89	1.96	---	.59	.50
14	3.05	3.47	6.60	3.37	5.95	10.49	4.38	5.18	2.17	---	.55	.62
15	3.76	2.49	6.19	3.17	5.62	8.48	4.81	5.31	1.71	---	.53	.78
16	3.75	2.05	5.38	3.17	9.36	6.14	5.27	3.75	3.36	---	.50	.83
17	2.74	1.86	4.72	3.50	9.50	4.98	6.09	3.15	4.28	---	.48	.75
18	1.79	1.67	4.60	7.65	9.76	8.30	5.75	2.73	3.75	---	.47	.60
19	1.32	1.60	4.89	12.13	10.55	8.49	4.53	2.49	3.40	---	.46	.55
20	1.04	2.40	4.85	12.22	10.75	8.14	3.65	3.12	3.23	---	.45	.54
21	.88	4.34	4.86	12.67	10.50	8.99	3.28	3.19	4.17	---	.43	.59
22	.79	4.96	4.81	13.23	10.65	9.41	2.88	2.66	4.52	---	.42	.64
23	.72	7.62	5.07	13.47	11.19	8.78	2.59	2.67	5.39	---	.40	.72
24	.71	9.68	6.37	12.87	11.26	7.10	2.39	7.87	6.20	1.08	.38	.69
25	.82	12.43	6.47	11.32	11.97	5.55	2.24	4.61	6.28	1.16	.79	.60
26	2.25	15.47	7.15	9.25	13.20	4.96	2.11	4.24	5.29	.98	.99	.53
27	3.93	15.73	8.20	7.75	15.88	4.93	2.08	4.68	5.04	---	.55	.49
28	4.14	15.27	8.79	8.00	15.96	4.65	1.99	5.25	5.01	---	.45	.48
29	3.06	14.81	8.27	8.54	---	4.09	1.85	5.59	4.08	---	.43	.49
30	2.04	14.25	6.41	8.06	---	3.79	1.70	4.67	---	---	.41	.46
31	1.58	---	4.80	6.41	---	3.68	---	3.05	---	---	.39	---
MEAN	1.50	5.45	6.12	6.56	9.85	8.73	3.42	3.58	---	---	---	.49
MAX	4.14	15.73	13.35	13.47	15.96	15.70	6.09	7.87	---	---	---	.83
MIN	.28	.88	3.03	3.17	5.08	3.68	1.70	1.53	---	---	---	.28

PEARL RIVER BASIN

105

02484630 PEARL RIVER AT COAL BLUFF NEAR RATLIFF, MS

LOCATION.--Lat 32°35'25", long 89°46'49", in NW¼ sec.34, T.9 N., R.5 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180002, on left bank at Coal Bluff Park, 0.5 mi upstream from Sycamore Creek and 1.8 mi northeast of Ratliff.

DRAINAGE AREA.--2,595 mi².

PERIOD OF RECORD.--January 1981 to current year.

GAGE.--Water-stage recorder. Datum of gage is 290.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--National Weather Service telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.49 ft, May 23, 1983, minimum, 5.43 ft, Nov. 29, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--A gage height of approximately 26.5 ft occurred Apr. 15, 1979 as reported by Park Ranger.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.44 ft, Mar. 2, minimum daily, 5.56 ft., Oct. 11.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.80	6.29	15.27	7.25	7.44	20.85	7.51	5.92	7.46	7.69	6.95	6.59
2	5.84	6.29	13.65	6.98	7.55	21.37	7.14	5.93	7.43	7.62	6.92	6.53
3	5.84	6.27	12.42	6.72	8.68	21.37	6.86	5.97	7.41	7.58	6.92	6.49
4	5.82	6.27	11.03	6.57	9.10	21.18	6.82	6.31	7.38	7.52	6.95	6.45
5	5.75	6.49	9.50	6.99	8.68	20.46	6.96	7.20	7.36	7.49	6.95	6.41
6	5.66	6.47	8.05	7.55	8.35	18.62	6.93	7.09	7.43	7.49	7.05	6.38
7	5.63	6.65	6.92	7.42	10.52	15.99	6.80	6.87	7.49	7.45	7.03	6.38
8	5.62	6.83	6.31	6.98	13.23	13.54	6.66	7.38	7.45	7.45	7.01	6.36
9	5.61	6.87	6.08	6.62	14.23	12.98	6.50	7.23	7.43	7.47	6.99	6.33
10	5.59	6.90	7.05	6.49	14.39	13.01	6.39	6.88	7.42	7.44	6.93	6.36
11	5.56	6.90	8.97	6.51	14.15	12.34	6.28	6.86	7.41	7.42	6.93	6.33
12	5.70	6.78	9.99	6.53	12.79	11.29	6.21	6.90	7.43	7.40	6.99	6.32
13	6.04	6.52	10.21	6.39	11.73	10.37	6.17	7.15	7.55	7.41	7.03	6.32
14	6.29	6.36	9.61	6.25	10.87	9.97	6.69	7.48	7.70	7.34	7.06	6.26
15	6.37	6.17	8.54	6.12	10.09	9.62	7.15	7.83	7.88	7.32	7.10	6.23
16	6.36	6.05	7.78	6.07	11.20	9.00	6.91	8.12	7.68	7.28	7.09	6.26
17	6.32	5.99	7.52	6.12	12.79	8.28	6.78	7.86	7.68	7.25	7.08	6.24
18	6.24	5.96	7.53	8.01	13.11	9.88	6.67	7.41	7.82	7.20	7.05	6.21
19	6.21	5.88	7.86	12.23	12.83	11.41	6.45	7.26	7.87	7.16	7.00	6.20
20	6.20	5.92	8.29	14.73	11.85	11.31	6.26	7.26	7.74	7.12	6.99	6.16
21	6.19	6.29	8.09	15.38	10.81	10.20	6.17	7.35	8.00	7.11	6.95	6.15
22	6.18	6.96	7.51	16.22	11.57	9.32	6.11	7.40	8.15	7.16	6.92	6.09
23	6.14	7.77	7.35	16.24	13.84	8.76	6.07	7.39	8.06	7.15	6.89	6.05
24	6.23	9.04	8.93	14.81	15.21	8.25	5.96	8.49	8.16	7.12	6.84	6.04
25	6.25	11.16	10.03	13.55	15.37	7.81	5.94	8.62	8.88	7.10	6.83	6.01
26	6.25	14.17	10.13	13.02	15.83	7.57	5.93	7.94	9.05	7.08	6.82	5.98
27	6.30	16.39	9.66	12.37	17.24	7.31	5.95	7.60	8.75	7.05	6.81	5.94
28	6.34	17.28	8.97	11.28	19.61	7.05	5.90	7.48	8.52	7.03	6.76	5.91
29	6.35	17.48	8.53	10.17	---	6.78	5.92	7.49	8.20	7.00	6.69	5.89
30	6.33	16.88	8.09	9.19	---	6.73	5.93	7.51	7.88	6.98	6.66	5.81
31	6.30	---	7.58	8.23	---	7.42	---	7.47	---	6.98	6.62	---
MEAN	6.04	8.38	8.95	9.32	12.25	11.94	6.47	7.28	7.82	7.29	6.93	6.22
MAX	6.37	17.48	15.27	16.24	19.61	21.37	7.51	8.62	9.05	7.69	7.10	6.59
MIN	5.56	5.88	6.08	6.07	7.44	6.73	5.90	5.92	7.36	6.98	6.62	5.81
CAL YR 1986	MEAN 7.00		MAX 17.48	MIN 5.56								
WTR YR 1987	MEAN 8.22		MAX 21.37	MIN 5.56								

PEARL RIVER BASIN

02485700 HANGING MOSS CREEK AT JACKSON, MS

LOCATION.--Lat 32°21'57", long 90°08'57", in NE¼ sec.13, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, on left bank of Hanging Moss Creek, 600 ft east of Old Canton Road, at Parham Bridges Park, 0.7 mi upstream from Whiteoak Creek, and 1.4 mi upstream from the mouth.

DRAINAGE AREA.--16.8 mi².

PERIOD OF RECORD.--October 1952 to September 1980 (annual maximums only). October 1980 to current year.

REVISED RECORDS.--WDR MS-85-1: 1984.

GAGE.--Water-stage recorder. Datum of gage is 260.00 ft above National Geodetic Vertical Datum of 1929. Prior to July 11, 1980, at datum 1.33 ft higher, at site located 0.6 mi upstream at downstream side of bridge on frontage road, 100 ft downstream from U. S. Highway 51 (Interstate 55).

REMARKS.--Estimated daily discharges: Oct. 1-12, Nov. 28-29, Feb. 26 to Mar. 9, June 13-16, Aug. 3-4, and Aug. 27 to Sept. 10. Records good except for estimated daily discharges, which are fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,320 ft³/s, Apr. 29, 1953, gage height, 26.0 ft; minimum daily, 0.13 ft³/s, July 19-20, 26, 1987, gage height, 7.91 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,490 ft³/s, Mar. 17, gage height, 16.25 ft; minimum daily, 0.13 ft³/s, July 19-20, 26.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	1.1	2.6	2.3	10	20	2.3	2.3	.82	4.6	.82	.40
2	2.2	1.1	2.1	2.2	228	10	5.1	9.3	.97	5.0	20	.35
3	1.8	1.2	1.4	8.4	27	5.0	30	16	2.6	1.0	100	.32
4	1.4	65	1.1	8.5	12	3.5	10	8.4	3.4	.55	6.0	.30
5	1.2	73	1.1	4.4	15	3.0	3.7	2.8	1.7	.50	179	.28
6	1.1	3.4	1.1	2.6	160	2.5	2.4	13	1.6	.54	15	.26
7	1.0	90	1.1	2.2	204	25	1.7	23	1.6	.62	3.1	.60
8	6.0	7.7	1.2	2.0	31	85	2.4	4.4	1.7	.69	1.4	.27
9	1.6	26	105	18	12	35	2.3	2.1	1.8	.76	.72	.26
10	1.2	4.3	153	24	6.1	19	2.4	1.2	1.8	.81	10	3.0
11	22	1.1	57	6.9	4.4	9.7	2.9	1.3	1.7	.88	66	21
12	290	.92	18	3.6	3.4	6.5	2.5	11	5.2	1.1	25	1.5
13	49	.83	7.5	2.8	2.8	4.5	4.4	48	12	.89	6.5	.46
14	6.8	.85	3.9	4.2	2.3	4.0	46	52	3.0	.89	19	.27
15	1.5	.70	23	6.5	375	3.1	6.5	12	2.1	.31	22	1.5
16	1.4	26	36	5.3	129	2.6	2.5	9.8	1.4	.15	5.4	1.6
17	1.5	14	28	136	25	394	1.6	15	.79	.32	1.6	.34
18	1.2	2.5	106	764	12	448	1.2	22	13	.17	.65	15
19	2.0	4.0	42	116	6.3	27	1.0	3.2	116	.13	.66	6.6
20	1.8	47	15	24	61	12	1.2	1.8	12	.13	.37	1.1
21	2.1	4.1	6.1	12	93	7.0	1.5	12	2.2	11	.25	.41
22	2.6	117	11	8.8	490	4.7	1.5	11	.93	6.0	.21	.23
23	9.5	86	325	5.6	42	29	1.6	1.3	.69	1.1	.17	.25
24	32	623	50	7.9	23	245	1.6	.65	3.5	.37	.26	.27
25	7.1	219	19	162	18	18	1.7	.41	1.4	.14	.26	.25
26	1.3	63	9.3	29	900	12	1.7	.28	.47	.13	2.7	.27
27	1.1	12	5.6	12	120	4.2	1.9	.57	.27	2.1	39	.35
28	.87	4.0	4.0	8.0	130	3.0	1.9	.55	.29	1.9	2.0	.40
29	.85	2.5	3.0	6.1	---	8.2	2.0	.34	.23	1.0	.90	.41
30	.94	2.0	2.6	6.7	---	11	2.0	.68	1.2	.75	.60	.71
31	1.1	---	2.3	5.4	---	4.6	---	.74	---	1.2	.45	---
TOTAL	458.16	1503.30	1044.0	1407.4	3142.3	1466.1	149.5	287.12	196.36	45.73	530.02	58.96
MEAN	14.8	50.1	33.7	45.4	112	47.3	4.98	9.26	6.55	1.48	17.1	1.97
MAX	290	623	325	764	900	448	46	52	116	11	179	21
MIN	.85	.70	1.1	2.0	2.3	2.5	1.0	.28	.23	.13	.17	.23
CFSM	.88	2.98	2.01	2.70	6.67	2.82	.30	.55	.39	.09	1.02	.12
IN.	1.01	3.33	2.31	3.12	6.96	3.25	.33	.64	.43	.10	1.17	.13

CAL YR 1986 TOTAL 5883.66 MEAN 16.1 MAX 623 MIN .32 CFSM .96 IN 13.03
WTR YR 1987 TOTAL 10288.95 MEAN 28.2 MAX 900 MIN .13 CFSM 1.68 IN 22.78

PEARL RIVER BASIN

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02485700 HANGING MOSS CREEK AT JACKSON, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	8.29	8.38	8.32	8.49	12.67	8.27	8.20	8.12	8.25	8.04	---
2	---	8.29	8.35	8.32	9.95	12.56	8.33	8.38	8.14	8.29	8.39	---
3	---	8.30	8.31	8.47	8.86	12.42	8.89	8.55	8.23	8.12	---	---
4	---	8.73	8.29	8.55	8.63	12.19	8.53	8.39	8.29	8.06	---	---
5	---	9.18	8.29	8.42	8.70	12.13	8.33	8.22	8.20	8.05	9.29	---
6	---	8.42	8.28	8.35	9.66	11.74	8.27	8.38	8.20	8.05	8.51	---
7	---	9.22	8.28	8.32	9.92	10.95	8.22	8.71	8.20	8.06	8.20	---
8	---	8.54	8.29	8.31	8.91	10.38	8.24	8.28	8.21	8.07	8.10	---
9	---	8.78	9.23	8.61	8.63	9.30	8.25	8.17	8.22	8.06	8.04	---
10	---	8.45	9.72	8.81	8.49	8.74	8.26	8.11	8.22	8.07	8.31	---
11	---	8.30	9.17	8.50	8.43	8.56	8.28	8.12	8.22	8.07	9.02	8.61
12	---	8.28	8.74	8.39	8.39	8.47	8.26	8.28	8.36	8.09	8.73	8.14
13	9.04	8.27	8.54	8.36	8.36	8.40	8.32	---	---	8.07	8.31	8.04
14	8.49	8.28	8.42	8.41	8.33	8.38	9.02	---	---	8.06	8.55	8.01
15	8.30	8.27	8.73	8.49	10.03	8.34	8.40	8.49	---	7.98	8.68	8.04
16	8.29	8.66	8.97	8.46	9.59	8.31	8.25	8.44	---	7.93	8.29	8.12
17	8.30	8.67	8.88	9.23	8.84	9.80	8.20	8.47	8.16	7.98	8.13	8.02
18	8.28	8.39	9.40	11.77	8.63	10.55	8.17	8.67	8.37	7.94	8.04	8.33
19	8.33	8.41	9.02	9.52	8.49	8.86	8.14	8.24	9.50	7.91	8.04	8.33
20	8.33	8.99	8.68	8.83	9.00	8.60	8.16	8.17	8.55	7.91	8.01	8.11
21	8.35	8.46	8.49	8.64	9.43	8.47	8.17	8.31	8.24	8.24	7.98	8.03
22	8.38	9.25	8.55	8.56	10.88	8.39	8.18	8.44	8.15	8.27	7.98	8.00
23	8.56	9.38	10.39	8.48	9.03	8.59	8.18	8.14	8.12	8.06	7.96	8.00
24	8.93	11.29	9.11	8.51	8.80	9.94	8.17	8.08	8.20	7.98	7.99	8.01
25	8.51	10.01	8.75	9.75	8.73	8.71	8.18	8.06	8.18	7.92	7.99	8.00
26	8.30	9.18	8.57	8.89	12.45	8.57	8.18	8.04	8.08	7.92	8.09	8.01
27	8.28	8.66	8.47	8.64	12.70	8.38	8.19	8.08	8.05	8.05	---	8.02
28	8.26	9.07	8.41	8.54	12.99	8.31	8.18	8.08	8.05	8.13	---	8.02
29	8.26	8.77	8.37	8.49	---	8.45	8.19	8.06	8.03	8.06	---	8.02
30	8.27	8.35	8.34	8.51	---	8.55	8.19	8.10	8.13	8.03	---	8.06
31	8.29	---	8.33	8.47	---	8.38	---	8.11	---	8.07	---	---
MEAN	---	8.77	8.70	8.71	9.41	9.55	8.29	---	---	8.06	---	---
MAX	---	11.29	10.39	11.77	12.99	12.67	9.02	---	---	8.29	---	---
MIN	---	8.27	8.28	8.31	8.33	8.31	8.14	---	---	7.91	---	---

02486000 PEARL RIVER AT JACKSON, MS

LOCATION.--Lat 32°16'54", long 90°10'43", in NE¼NE¼ sec.15, T.5 N., R.1 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on left bank at downstream side of bridge on U.S. Highway 80 at eastern city limits of Jackson, 0.4 mi downstream from Illinois Central and Gulf Railroad bridge, 0.4 mi downstream from Town Creek, 4.2 mi upstream from Richland Creek, and at mile 287.0.

DRAINAGE AREA.--3,171 mi².

PERIOD OF RECORD.--June 1901 to December 1913 (prior to October 1901 and for 1913, gage heights only), August 1928 to current year. Daily mean gage heights published since October 1971. Gage-height records collected at Woodrow Wilson Bridge, 0.6 mi upstream, 1904 to 1971 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 662: Drainage area. WSP 1504: 1903, 1909. WSP 1906: 1902(M).

GAGE.--Water-stage recorder. Datum of gage is 233.70 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 31, 1913; and Aug. 15, 1928 to Sept. 14, 1934, nonrecording gage. Prior to Oct. 1, 1975, at site at Woodrow Wilson Bridge, 0.6 mi upstream, at datum 1.20 ft higher. Since Oct. 1, 1962, supplementary water-stage recorder and concrete control at Jackson waterworks pumping plant, 3.8 mi upstream (channel change). Datum of supplementary gage is 239.40 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. About 48 ft³/s is diverted upstream from station for municipal water supply for City of Jackson, most of which was returned to river and included in discharge records prior to the opening of the City of Jackson Waste Water Treatment Plant at Savannah Street Extension in 1975. Flow regulated since Sept. 27, 1961, by Ross R. Barnett Reservoir, 15 mi upstream. Telemeter at station.

AVERAGE DISCHARGE.--70 years (water years 1902-12, 1929-87), 4,123 ft³/s, 17.66 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 128,000 ft³/s, Apr. 17, 1979, gage height, 43.28 ft; minimum daily regulated, 45 ft³/s, Oct. 5, 1956, Sept. 18, 1963; minimum daily unregulated, 78 ft³/s, Oct. 11, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--According to information by local residents and from newspaper records, the flood of Apr. 25, 1874, reached a stage of 37 ft and the flood of Dec. 5, 1880, reached a stage of 36½ ft, at former site and datum. The flood of Apr. 21, 1900, reached a stage of 36.7 ft, according to the Alabama and Vicksburg Railroad plans confirmed by local residents.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 32,300 ft³/s, Feb. 28, gage height, 32.59 ft; minimum, 183 ft³/s, July 29, gage height, 2.84 ft.

REVISIONS.--Revised daily discharge, in cubic feet per second, for October and November 1984 are given below. These figures supersede those published in the 1985 report.

Oct. 1.....	194	Oct. 9.....	212	Oct. 17.....	1110	Oct. 25.....	11400
2.....	189	10.....	363	18.....	272	26.....	8950
3.....	187	11.....	354	19.....	201	27.....	6730
4.....	184	12.....	192	20.....	195	28.....	4680
5.....	186	13.....	181	21.....	4290	29.....	3170
6.....	166	14.....	206	22.....	7850	30.....	2090
7.....	140	15.....	239	23.....	13200	31.....	771
8.....	132	16.....	198	24.....	13700		
Nov. 1.....	220	Nov. 9.....	945	Nov. 17.....	4720	Nov. 25.....	358
2.....	566	10.....	974	18.....	5670	26.....	518
3.....	353	11.....	1010	19.....	5010	27.....	5020
4.....	709	12.....	1030	20.....	3800	28.....	9380
5.....	958	13.....	1490	21.....	3380	29.....	12900
6.....	1280	14.....	1640	22.....	2320	30.....	15300
7.....	968	15.....	1610	23.....	1230		
8.....	946	16.....	3580	24.....	551		

MONTH	TOTAL	MEAN	MAX	MIN	(ft ³ /s)/mi ²	IN
Oct. 1984	81932	2643	13700	132	0.83	0.96
Nov. 1984	88436	2948	15300	220	.93	1.04
Cal Yr 1984	1587720	4338	20800	47	1.37	18.63
Wtr Yr 1985	1225470	3357	24100	132	1.06	14.38

PEARL RIVER BASIN

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02486000 PEARL RIVER AT JACKSON, MS--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	290	315	18200	2690	4760	31300	2680	351	345	1300	284	292
2	397	312	16900	2090	4910	30100	2650	455	325	778	341	286
3	252	303	15200	2020	4990	29200	2880	597	329	1140	570	286
4	264	463	13500	2790	5660	28500	2740	602	329	1040	623	280
5	301	1360	11600	2850	6120	28200	2650	652	313	675	875	283
6	296	426	9170	2800	6360	27500	2590	2100	307	434	1240	283
7	294	1000	6480	3060	8430	26200	2570	2670	299	379	441	285
8	294	586	3300	3680	10500	23500	2550	2020	296	366	325	286
9	319	464	2180	3700	13500	20600	2330	732	289	356	315	282
10	309	411	2860	2960	14900	17500	1980	638	287	337	342	353
11	324	1250	6490	2050	14100	15700	1540	659	291	333	656	622
12	1220	1930	7900	2500	13400	13800	1410	678	312	324	786	346
13	1040	2510	7460	2860	12400	11500	1390	1290	572	319	427	292
14	496	2990	7250	2510	10600	8890	1890	1450	4000	313	388	294
15	336	3030	7110	2300	9580	7130	2030	4610	4310	311	570	290
16	322	2570	6620	1500	11400	6330	1970	4400	3190	303	361	330
17	318	2230	5890	1640	12200	6260	1930	2780	1980	300	315	308
18	312	2000	5490	7200	13000	12100	1920	2680	1560	292	332	416
19	315	1600	5880	11500	13200	12900	1910	1450	3220	289	326	435
20	317	1850	5100	14800	12100	12500	1760	920	3910	282	307	319
21	323	1600	4870	17300	12100	11600	1320	527	1730	309	303	298
22	319	2560	5140	18300	13500	9430	1120	512	1670	370	297	292
23	330	4940	6740	17400	15000	7620	730	671	2690	314	297	289
24	438	9080	6980	16400	17700	8220	683	1110	2360	292	296	289
25	404	13700	7400	16500	18800	6190	662	3760	2830	292	293	287
26	325	15600	8270	16000	22300	3660	650	4490	4600	297	343	283
27	318	17400	8560	14600	29400	2860	589	3590	3950	298	357	286
28	317	20200	7930	12900	31700	2750	395	1880	3160	295	350	284
29	313	21500	6620	10900	---	2730	368	675	2660	290	295	284
30	320	20000	4940	8330	---	2800	361	385	1800	278	294	279
31	328	---	3650	6540	---	2780	---	357	---	288	290	---
TOTAL	11751	154180	235680	232670	362610	430350	50248	49691	53914	13194	13239	9439
MEAN	379	5139	7603	7505	12950	13880	1675	1603	1797	426	427	315
MAX	1220	21500	18200	18300	31700	31300	2880	4610	4600	1300	1240	622
MIN	252	303	2180	1500	4760	2730	361	351	287	278	284	279
CFSM	.12	1.62	2.40	2.37	4.08	4.38	.53	.51	.57	.13	.14	.10
IN.	.14	1.81	2.76	2.73	4.25	5.05	.59	.58	.63	.15	.16	.11

PEARL RIVER BASIN

02488000 PEARL RIVER AT ROCKPORT, MS

LOCATION.--Lat 31°47'25", long 90°08'35", in SW¼ sec.31, T.10 N., R.11 E., Washington Meridian, Copiah County, Hydrologic Unit 03180003, on downstream side of bridge on county road between Rockport and Shivers, approximately 1.0 mi upstream from Sinkler Creek, 2.0 mi south of Rockport, 7.5 mi downstream from Strong River, and 221.7 mi upstream from the mouth.

DRAINAGE AREA.--4,556 mi².

PERIOD OF RECORD.--June 1939 to September 1951, October 1984 to current year.

GAGE.--Water-stage recorder. Datum of gage is 180.19 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 56,100 ft³/s, Mar. 2, 1987; gage height, 32.86 ft; minimum discharge, 267 ft³/s, Oct. 25-31, 1943; gage height 4.11 ft, Oct. 25-28, 1943.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1979, reached a gage height of 42.83 ft gage datum, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 18,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	1045	24,000	24.29	Mar. 2	1515	*56,100	*32.86
Jan. 19	1715	23,900	24.20	Mar. 19	1530	23,100	23.80
Feb. 17	0130	20,700	22.59				

Minimum discharge, 352 ft³/s, Oct. 3, gage height 6.19 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	398	437	20500	5460	9210	52200	6280	939	1070	2700	661	643
2	390	441	20100	4370	7820	55500	5200	1070	983	2120	654	630
3	424	436	19300	3740	8410	53900	4790	2540	938	1610	653	612
4	441	426	18200	5580	8210	47600	5340	2370	972	1400	1880	596
5	420	770	16800	6140	8080	40700	5150	2420	1080	1700	5650	580
6	403	2430	15000	5840	9100	37500	4730	2460	1120	1360	4590	566
7	403	2180	12800	5180	15000	35700	4340	3990	1000	1160	3680	566
8	403	2960	10100	4840	17000	35600	4110	4670	891	920	2130	555
9	448	2240	6560	5100	15900	37400	3970	4070	837	827	1520	612
10	459	1370	9280	5250	15200	36700	3750	2560	812	778	1130	580
11	473	1010	13400	4840	15400	32900	3300	1870	794	748	1040	580
12	680	1020	13100	3830	15300	27700	2880	1930	817	723	5350	986
13	2110	2050	12100	3780	14900	23500	2550	1780	867	700	9040	1130
14	3400	2730	10600	4120	14300	19500	2620	3490	888	676	8880	794
15	2500	3260	9410	3900	14300	15200	3280	5370	3270	662	6550	614
16	1450	3430	10200	3800	19800	11500	3520	7510	5020	651	5980	574
17	851	3340	10000	3620	20300	9630	3270	7630	4480	646	3260	572
18	622	2880	8940	12900	18200	19900	3070	6200	3590	634	1910	602
19	542	2450	10300	23300	16400	22600	3000	4870	4900	626	1490	599
20	497	2510	9700	23300	15200	20600	2920	3640	6560	617	1320	817
21	468	3520	8120	22100	16300	18000	2820	2490	5630	617	1110	883
22	453	3080	7050	21300	24800	15900	2370	1810	3720	686	953	701
23	456	4120	12400	20000	28500	13800	2090	1710	2350	790	861	581
24	477	12400	16400	19100	27700	12400	1640	1580	3440	870	792	532
25	519	21500	13700	20000	25500	12200	1410	1900	3820	807	756	512
26	666	24000	11200	21400	26200	10200	1340	3770	3640	689	740	513
27	607	23600	10300	20600	35200	7090	1300	5490	5060	654	710	513
28	496	22600	10000	19000	44700	5370	1270	4940	4860	659	766	485
29	459	22000	9630	17100	---	4920	1140	3520	4040	671	794	482
30	458	21100	8520	14800	---	5900	981	2100	3470	706	730	482
31	447	---	6900	11900	---	6750	---	1350	---	732	659	---
TOTAL	22820	196290	370610	346190	506930	748360	94431	102039	80919	29139	76239	18892
MEAN	736	6543	11960	11170	18100	24140	3148	3292	2697	940	2459	630
MAX	3400	24000	20500	23300	44700	55500	6280	7630	6560	2700	9040	1130
MIN	390	426	6560	3620	7820	4920	981	939	794	617	653	482
CFSM	.16	1.44	2.63	2.45	3.97	5.30	.69	.72	.59	.21	.54	.14
IN.	.19	1.60	3.03	2.83	4.14	6.11	.77	.83	.66	.24	.62	.15

CAL YR 1986	TOTAL	1184527	MEAN	3245	MAX	24000	MIN	390	CFSM	.71	IN	9.67
WTR YR 1987	TOTAL	2592859	MEAN	7104	MAX	55500	MIN	390	CFSM	1.56	IN	21.17

PEARL RIVER BASIN

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02488500 PEARL RIVER NEAR MONTICELLO, MS

LOCATION.--Lat 31°33'12", long 90°05'16", in SW¼ sec.23, T.7 N., R.21 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, near left bank on downstream side of pier of bridge on U.S. Highway 84, 1.0 mi east of Monticello, 2.5 mi upstream from Halls Creek, 4.1 mi upstream from Silver Creek and at mile 190.8.

DRAINAGE AREA.--4,993 mi².

PERIOD OF RECORD.--October 1938 to current year. Daily mean gage heights published since January 1972. Gage-height records collected in vicinity since 1924, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1504: 1939, 1949.

GAGE.--Water-stage recorder. Datum of gage is 158.66 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Dec. 12, 1938, nonrecording gage; Dec. 12, 1938, to Jan. 10, 1949, water-stage recorder; and Jan. 11, 1949 to Oct. 16, 1952, nonrecording gage, all at same site and datum.

REMARKS.--No estimated daily discharges. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 6,753 ft³/s, 18.37 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 122,000 ft³/s, Apr. 20, 1979, gage height, 34.08 ft; minimum, 269 ft³/s, Oct. 24, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1902 reached a stage of about 33 ft, from reports of National Weather Service, discharge, about 100,000 ft³/s, from rating curve extended above 70,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 22,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 27	0315	25,500	21.30	Mar. 1	0300	*59,900	*27.65
Jan. 20	0515	27,100	22.28	Mar. 19	1915	25,300	21.76

Minimum discharge, 627 ft³/s, Oct. 5, gage height, 5.14 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	651	808	22400	6270	10900	58000	6950	1230	1470	3500	1180	1040
2	652	817	21600	5110	9150	56100	6180	1460	1290	2800	1140	1010
3	638	828	20900	4400	8900	55800	5500	8180	1250	2310	1120	980
4	666	828	19800	7690	8530	54400	5710	5020	1230	1830	1630	955
5	657	967	18400	7750	8150	50700	5810	3400	1270	1880	4860	931
6	660	1960	16600	6640	8930	45800	5380	3480	1280	1930	6330	908
7	650	2360	14500	5860	15100	41600	4970	5060	1290	1700	5010	889
8	648	3050	12000	5300	17500	40200	4660	5330	1180	1510	4330	875
9	651	3000	8590	5260	16900	41000	4500	4950	1120	1290	2840	885
10	689	2080	8380	5450	15300	41200	4330	3820	1090	1210	2070	905
11	687	1590	13900	5380	14700	39600	3900	2850	1080	1170	1750	874
12	784	1320	14600	4580	14600	36100	3490	3630	1120	1150	3320	977
13	1360	1770	13300	4050	14400	30800	3190	2530	1170	1140	9670	1250
14	3050	2620	11800	4320	14000	25300	4380	3090	1200	1120	13100	1200
15	2810	3240	10300	4320	14400	20000	3890	5580	1710	1090	11400	957
16	1880	3590	10700	4210	19700	14500	4030	7120	4640	1070	8450	847
17	1260	3710	11000	4670	21200	11000	3820	7940	4980	1070	5950	826
18	953	3580	10000	15800	20100	17000	3540	7090	4460	1070	3400	1290
19	837	3070	11600	25400	17600	24400	3380	5480	4150	1060	2430	1280
20	787	3040	11400	26600	15600	24400	3270	4430	7660	1050	2010	942
21	760	3930	9510	25300	16600	21700	3200	3150	7070	1040	1810	1030
22	749	3810	7870	24500	23600	18500	2900	2390	5230	1060	1590	984
23	750	3860	13300	23400	30300	15700	2500	1960	3300	1160	1430	857
24	771	8400	19000	21400	32000	14100	2170	1950	3260	1240	1320	781
25	806	18700	17800	22100	30400	13500	1820	1980	4310	1300	1250	748
26	862	24900	13700	23200	29500	11900	1700	2780	3940	1220	1210	736
27	955	25400	11200	22800	40400	9040	1640	5070	4710	1140	1170	744
28	878	25100	10400	21300	54200	6560	1610	5230	5310	1110	1160	737
29	823	24100	10000	19300	---	5630	1530	4320	4740	1150	1190	765
30	807	23300	9250	16700	---	6250	1340	2930	4120	1170	1170	828
31	812	---	7770	14000	---	7060	---	1930	---	1260	1090	---
TOTAL	29943	205728	411570	393060	542660	857840	111290	125360	90630	43800	106380	28031
MEAN	966	6858	13280	12680	19380	27670	3710	4044	3021	1413	3432	934
MAX	3050	25400	22400	26600	54200	58000	6950	8180	7660	3500	13100	1290
MIN	638	808	7770	4050	8150	5630	1340	1230	1080	1040	1090	736
CFSM	.19	1.37	2.66	2.54	3.88	5.54	.74	.81	.61	.28	.69	.19
IN.	.22	1.53	3.07	2.93	4.04	6.39	.83	.93	.68	.33	.79	.21

CAL YR 1986	TOTAL	1363367	MEAN	3735	MAX	25400	MIN	617	CFSM	.75	IN	10.16
WTR YR 1987	TOTAL	2946292	MEAN	8072	MAX	58000	MIN	638	CFSM	1.62	IN	21.95

PEARL RIVER BASIN

02488700 WHITESAND CREEK NEAR OAK VALE, MS

LOCATION.--Lat 31°28'14", long 89°58'25", in SW¼ sec.24, T.6 N., R.20 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, near left bank on downstream side of bridge on State Highway 43, 1.2 mi upstream from Illinois Central and Gulf Railroad bridge, 2.3 mi north of Oak Vale, and 3.7 mi upstream from mouth.

DRAINAGE AREA.--130 mi².

PERIOD OF RECORD.--September 1965 to current year.

REVISED RECORDS.--WDR MS-8U-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 182.20 ft above National Geodetic Vertical Datum of 1929 (Mississippi State Highway Department bench mark).

REMARKS.--Estimated daily discharge: Oct. 14 - April 16, May 27 - July 5, July 30 - August 12. Records fair except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--22 years, 204 ft³/s, 21.31 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 25,400 ft³/s, Apr. 13, 1974, gage height, 18.76 ft; minimum, 59 ft³/s, Sept. 12-16, 1972.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 28, 29, 1961, reached a stage of 17.11 ft from floodmark, discharge, 15,900 ft³/s. Maximum stage known since at least 1879, 20½ ft in April 1900, and flood in January 1925 reached a stage of 17.3 ft from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 18	----	4,800	^a 10.75	Aug. 13	0900	5,530	11.44
Feb. 28	----	*7,500	^a *13.00				

^aFrom graph based on gage readings.

Minimum daily discharge, 85 ft³/s, Oct. 1, 4-7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	92	201	135	173	3450	197	109	137	117	101	115
2	90	92	167	130	287	976	173	109	134	124	104	117
3	88	92	150	487	272	485	200	223	129	120	101	107
4	85	94	140	630	194	323	189	536	127	115	104	107
5	85	114	135	404	244	244	175	300	124	113	113	108
6	85	118	132	231	220	214	170	331	122	119	129	106
7	85	105	128	192	382	200	159	531	120	122	173	117
8	86	100	128	172	458	235	154	287	117	120	149	117
9	93	94	140	156	310	429	149	211	115	118	115	119
10	97	94	404	153	244	313	147	307	113	118	108	122
11	94	96	724	145	214	241	147	333	115	115	124	114
12	108	98	552	135	200	223	144	259	122	116	149	126
13	183	96	268	132	192	212	157	397	127	115	1280	119
14	198	92	204	130	186	200	262	303	127	114	302	128
15	150	92	192	130	451	189	232	383	127	115	251	122
16	114	94	272	138	890	183	159	271	122	113	201	112
17	100	107	207	304	496	220	148	335	127	113	177	110
18	96	116	235	3210	278	880	141	454	127	114	163	113
19	94	109	381	3350	235	621	137	269	152	111	158	117
20	92	111	265	1040	229	327	131	208	189	110	154	131
21	94	118	207	396	247	290	128	197	181	114	154	121
22	92	116	184	520	1070	250	123	178	147	115	141	117
23	92	114	852	414	1190	217	121	173	129	115	123	113
24	98	645	966	451	528	223	120	183	147	112	122	111
25	107	809	454	677	421	220	117	213	165	108	121	106
26	105	714	244	660	630	200	116	206	154	110	120	104
27	98	356	204	378	3080	186	114	175	132	110	118	100
28	94	238	178	247	7120	178	113	157	122	108	117	99
29	92	222	170	223	---	175	110	149	115	108	117	97
30	92	219	135	206	---	232	109	144	113	97	116	101
31	92	---	140	212	---	232	---	139	---	99	115	---
TOTAL	3164	5557	8759	15788	20441	12568	4542	8070	3978	3518	5520	3396
MEAN	102	185	283	509	730	405	151	260	133	113	178	113
MAX	198	809	966	3350	7120	3450	262	536	189	124	1280	131
MIN	85	92	128	130	173	175	109	109	113	97	101	97
CFSM	.79	1.42	2.18	3.92	5.62	3.12	1.16	2.00	1.02	.87	1.37	.87
IN.	.91	1.59	2.51	4.52	5.85	3.60	1.30	2.31	1.14	1.01	1.58	.97

CAL YR 1986	TOTAL	54741	MEAN 150	MAX 966	MIN 65	CFSM 1.15	IN 15.66
WTR YR 1987	TOTAL	95301	MEAN 261	MAX 7120	MIN 85	CFSM 2.01	IN 27.27

PEARL RIVER BASIN

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02488700 WHITESAND CREEK NEAR OAK VALE, MS--Continued

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.03						---	3.74		---	---	3.76
2	4.05						---	3.73		---	---	3.77
3	4.04						---	4.15		---	---	3.73
4	4.03						---	5.07		---	---	3.73
5	4.03						---	4.41		---	---	3.73
6	4.03						---	4.48		3.78	---	3.72
7	4.03						---	5.05		3.79	---	3.77
8	4.04						---	4.38		3.78	---	3.77
9	4.07						---	4.13		3.77	---	3.77
10	4.09						---	4.41		3.77	---	3.79
11	4.07						---	4.51		3.76	---	3.76
12	4.14						---	4.28		3.76	---	3.80
13	4.43						---	4.68		3.76	6.08	3.78
14	---						---	4.42		3.76	4.42	3.81
15	---						---	4.66		3.76	4.26	3.78
16	---						---	4.33		3.75	4.09	3.75
17	---						3.89	4.50		3.75	4.00	3.74
18	---						3.87	4.85		3.75	3.95	3.75
19	---						3.85	4.32		3.74	3.93	3.77
20	---						3.83	4.12		3.74	3.92	3.83
21	---						3.82	4.08		3.76	3.92	3.78
22	---						3.80	4.01		3.76	3.87	3.77
23	---						3.79	3.99		3.76	3.79	3.75
24	---						3.78	4.03		3.75	3.79	3.74
25	---						3.77	4.13		3.73	3.78	3.72
26	---						3.76	4.11		3.74	3.78	3.71
27	---						3.75	---		3.74	3.77	3.70
28	---						3.75	---		3.73	3.77	3.69
29	---						3.74	---		3.73	3.77	3.68
30	---						3.74	---		---	3.76	3.70
31	---						---	---		---	3.76	---
MEAN	---						---	---		---	---	3.75
MAX	---						---	---		---	---	3.83
MIN	---						---	---		---	---	3.68

PEARL RIVER BASIN

02489000 PEARL RIVER NEAR COLUMBIA, MS

LOCATION.--Lat 31°14'14", Long 89°50'54", in E½ sec.7, T.3 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on downstream side of bridge on U.S. Highway 98, 1.5 mi southwest of Columbia, 2.0 mi downstream from Fernwood, Columbia and Gulf Railroad bridge, 2.2 mi upstream from Silver Creek and at mile 137.8.

DRAINAGE AREA.--5,720 mi².

PERIOD OF RECORD.--August 1928 to September 1954 (monthly discharge only for January to July 1930, published in WSP 1304). January 1972 to current year (gage heights only). Gage height records collected at same site November 1904 to December 1971 are contained in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 115.81 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to August 1928, nonrecording gages at various sites and datums in the vicinity maintained by National Weather Service. August 1928 to May 26, 1934, nonrecording gage at site 1.0 mi downstream at datum 0.37 ft higher. May 26, 1934 to September 1954, water-stage recorder at present site and datum.

REMARKS.--Records furnished by National Weather Service.

AVERAGE DISCHARGE.--26 years (1928-54), 7,384 ft³/s, 17.62 in/yr.

EXTREMES FOR PERIOD OF RECORD.--1928-1954: Maximum discharge, 72,600 ft³/s, Apr. 9, 1938, gage height, 26.40 ft; minimum, 705 ft³/s, Oct. 21, 1952, gage height 0.81 ft.
1904 to current year: Maximum observed gage height, 27.8 ft, Apr. 22, 1979.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1874 reached a stage of about 31 ft, from information by National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum observed gage height, 23.50 ft, Mar. 2; minimum observed, 1.30 ft, Oct. 1, 2.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
INSTANTANEOUS OBSERVATIONS AT 0700

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.30	1.60	13.90	7.60	11.70	22.60	7.40	3.20	3.80	5.30	2.50	2.60
2	1.30	1.50	13.60	6.60	10.20	23.50	7.30	3.10	3.30	4.90	2.50	2.60
3	1.40	1.50	13.30	5.70	9.10	23.10	6.80	3.00	3.00	4.30	2.30	2.50
4	1.40	1.50	13.00	6.00	8.80	22.50	6.40	8.80	2.90	3.90	2.30	2.40
5	1.30	1.80	12.80	8.60	8.50	22.20	6.30	8.10	3.10	3.60	2.40	2.40
6	1.40	1.80	12.40	8.00	8.20	21.70	6.40	5.60	3.00	3.30	5.00	2.40
7	1.40	2.40	11.90	7.00	9.50	21.00	6.10	6.30	3.00	3.50	6.90	2.40
8	1.40	3.50	11.20	6.40	12.10	20.20	5.80	7.10	3.00	3.30	5.90	2.30
9	1.40	3.80	10.00	5.90	12.90	19.70	5.60	6.60	2.90	3.20	5.50	2.30
10	1.50	4.00	8.30	5.80	12.80	19.20	5.40	6.20	2.80	2.90	4.30	2.30
11	1.50	3.30	9.30	5.90	12.20	19.00	5.30	5.80	2.80	2.80	3.60	2.40
12	1.60	2.70	11.50	5.80	11.80	19.90	5.10	5.10	2.80	2.70	3.50	2.40
13	1.90	2.30	11.50	5.20	11.80	18.50	4.80	5.40	2.80	2.60	9.50	2.40
14	2.60	2.20	10.80	4.80	11.70	17.60	4.80	4.80	2.90	2.60	13.80	2.60
15	4.40	3.30	10.00	5.00	11.60	16.40	5.80	5.30	2.90	2.60	12.90	2.80
16	4.30	3.90	9.40	5.10	12.40	14.70	5.30	6.90	3.10	2.50	11.10	2.60
17	3.50	4.30	9.50	5.10	13.70	12.80	5.10	7.70	5.30	2.40	8.70	2.40
18	2.70	4.40	9.60	8.50	14.20	11.90	5.00	8.20	5.80	2.40	7.00	2.40
19	2.20	4.40	9.40	15.00	14.00	13.40	4.80	7.80	5.70	2.40	5.20	2.70
20	1.90	4.00	10.10	15.80	13.40	11.80	4.60	6.70	5.40	2.30	4.20	3.00
21	1.80	3.90	10.00	16.00	12.70	15.30	4.50	5.80	7.70	2.30	3.70	2.70
22	1.70	4.60	8.80	16.10	13.40	14.70	4.40	4.90	7.40	2.30	3.50	2.50
23	1.60	4.60	8.60	15.50	15.00	13.70	4.20	4.30	6.30	2.50	3.20	2.60
24	1.70	4.80	11.70	14.90	16.20	12.60	3.90	4.00	4.90	2.40	3.10	2.40
25	1.70	9.20	13.00	14.30	17.00	11.80	4.20	4.10	5.00	2.60	2.90	2.30
26	1.70	12.70	12.90	14.30	17.30	11.40	3.90	3.90	5.50	2.60	2.80	2.30
27	1.70	14.70	11.30	14.60	18.20	10.60	3.70	4.10	5.30	2.60	2.70	2.20
28	1.80	14.50	9.90	14.40	20.20	8.90	3.60	5.80	5.50	2.40	2.70	2.20
29	1.80	14.20	9.30	14.10	---	7.30	3.50	6.10	6.00	2.30	2.70	2.20
30	1.70	14.20	9.00	13.50	---	7.00	3.40	5.50	5.70	2.30	2.60	2.20
31	1.60	---	8.50	12.80	---	7.20	---	4.60	---	2.40	2.60	---
MEAN	1.91	5.19	10.79	9.82	12.88	15.88	5.11	5.64	4.32	2.91	4.89	2.45
MAX	4.40	14.70	13.90	16.10	20.20	23.50	7.40	8.80	7.70	5.30	13.80	3.00
MIN	1.30	1.50	8.30	4.80	8.20	7.00	3.40	3.00	2.80	2.30	2.30	2.20
CAL YR 1986	MEAN 4.17		MAX 14.70	MIN 1.30								
WTR YR 1987	MEAN 6.79		MAX 23.50	MIN 1.30								

PEARL RIVER BASIN

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02489500 PEARL RIVER NEAR BOGALUSA, LA

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs.17 and 18, T.3 S., R.14 E., Washington Parish, Hydrologic Unit 03180004, near right bank on downstream side of bridge on State Highway 10, 2.0 mi east of Bogalusa, and 2.0 mi upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,573 mi².

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WDR LA-1981-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Telemeter at station.

AVERAGE DISCHARGE.--49 years, 9,891 ft³/s, 20.44 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 129,000 ft³/s, Apr. 24, 1979, gage height, 23.23 ft; minimum, 1,020 ft³/s, Oct. 29 to Nov. 1, 1963; minimum gage height, 4.84 ft, Oct. 30, 31, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 11, 1938, reached a stage of 21.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 71,200 ft³/s, Mar. 3, gage height, 21.18 ft; minimum discharge, 1,660 ft³/s, Oct. 1, 2, 3, minimum gage height, 6.72 ft., Oct 2, 3.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1670	1990	38500	14400	35000	61300	13100	3520	5590	7300	2270	3110
2	1660	1960	38500	12100	30600	67300	12600	3390	4540	6940	2260	3030
3	1690	1940	37200	10000	24100	70500	12100	3270	3840	6020	2350	2870
4	1730	1930	35400	10400	19200	69800	11500	3830	3450	5110	3240	2730
5	1700	2650	33900	13300	16700	66000	10600	10500	3280	4560	7190	2630
6	1690	3400	32500	15400	16200	62800	10000	10800	3180	4040	7130	2560
7	1710	3150	30700	13800	18600	61500	9670	8050	3100	3820	7510	2500
8	1740	2940	28000	11400	22500	60900	9090	9330	3060	4000	8530	2460
9	1770	3370	24300	9810	26900	58900	8530	9990	3020	3840	7860	2430
10	2020	3720	20000	9010	30000	56400	8070	9050	2940	3460	6680	2420
11	2090	4280	17100	8850	31200	54300	7720	8540	2840	3110	5220	2440
12	1990	4870	20500	8730	30300	52900	7460	7980	2800	2870	4800	2490
13	2100	4360	23900	8390	28600	52200	7110	7010	2900	2740	8580	2590
14	2560	3240	24600	7670	27600	51400	7070	6950	3230	2630	32700	2530
15	3160	2930	22900	7350	27600	50100	7670	6480	3520	2580	43300	2590
16	4180	3340	21600	7800	30300	48100	8190	7600	3360	2510	45500	2720
17	4310	4010	20700	8940	32800	45300	7470	9340	3710	2420	37000	2600
18	3610	4500	19600	16000	35000	44600	7010	11500	5730	2330	21400	2480
19	3020	4720	19900	29000	36500	43900	6690	12800	6880	2280	12600	2540
20	2600	4770	20400	37700	37200	41300	6270	11500	6980	2230	8230	2910
21	2330	5100	20600	42100	36900	40300	5940	9370	7160	2190	6190	3130
22	2170	5210	19600	46500	36300	40700	5700	7840	9350	2190	5100	2840
23	2080	5220	19200	48300	37300	40900	5490	6530	9320	2210	4530	2590
24	2110	5300	23400	47500	39900	39500	5240	5880	7820	2290	4090	2550
25	2200	10200	28600	45700	42900	36300	4850	5670	7030	2290	3720	2420
26	2300	23100	32000	44100	46400	31600	4510	5470	7240	2440	3430	2290
27	2280	30300	32900	42900	52100	27400	4150	5030	7180	2480	3280	2200
28	2160	33400	29000	41500	56000	23300	3920	5280	6680	2400	3180	2150
29	2140	35600	22200	40500	---	18100	3750	6910	6690	2300	3450	2130
30	2130	37300	18200	39500	---	14900	3620	7440	7080	2230	3640	2160
31	2060	---	16100	37900	---	14200	---	6790	---	2280	3300	---
TOTAL	70960	258800	792000	736550	904700	1446700	225090	233640	153500	100090	318260	77090
MEAN	2289	8627	25550	23760	32310	46670	7503	7537	5117	3229	10270	2570
MAX	4310	37300	38500	48300	56000	70500	13100	12800	9350	7300	45500	3130
MIN	1660	1930	16100	7350	16200	14200	3620	3270	2800	2190	2260	2130
CFSM	.35	1.31	3.89	3.62	4.92	7.10	1.14	1.15	.78	.49	1.56	.39
IN.	.40	1.46	4.48	4.17	5.12	8.19	1.27	1.32	.87	.57	1.80	.44
CAL YR 1986	TOTAL	2460480	MEAN	6741	MAX	38500	MIN	1660	CFSM	1.03	IN	13.93
WTR YR 1987	TOTAL	5317380	MEAN	14570	MAX	70500	MIN	1660	CFSM	2.22	IN	30.09

PEARL RIVER BASIN

U2490500 BOGUE CHITTO NEAR TYLERTOWN, MS

LOCATION.--Lat 31°10'37", long 90°16'48", in SE¼ sec.34, T.3 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, near right bank on downstream side of bridge on U.S. Highway 98, 0.2 mi upstream from Bars Branch, 2.2 mi downstream from Topisaw Creek, and 9.2 mi northwest of Tylertown.

DRAINAGE AREA.--492 mi².

PERIOD OF RECORD.--August 1944 to current year.

REVISED RECORDS.--WSP 1504: 1945(P), 1946(M), 1947-51, 1953. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 227.40 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Oct. 1-21, Nov. 28 to Dec. 27, Feb. 25-28. Records poor prior to Mar. 1, good thereafter. Telemeter at station.

AVERAGE DISCHARGE.--43 years, 798 ft³/s, 22.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 64,200 ft³/s, Apr. 7, 1983, gage height, 34.62 ft; minimum, 175 ft³/s Oct. 31, 1963; minimum gage height, 5.93 ft, Sept. 30, 1982.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in February 1936 reached a stage 1.2 ft higher than the flood of Jan. 7, 1950, at the railroad bridge, 0.2 mi downstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 19	0230	12,600	19.79	Mar. 1	0300	*21,100	*24.84

Minimum daily discharge, 239 ft³/s, Oct. 2.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	240	264	600	500	733	16700	875	364	435	363	319	314
2	239	262	480	472	795	7320	724	359	398	360	327	306
3	251	264	410	496	1130	3650	688	360	385	355	314	302
4	251	268	370	1740	1000	1670	671	585	388	347	325	297
5	250	375	354	2560	799	1190	632	847	391	340	361	294
6	246	347	344	2410	939	991	592	553	377	338	853	289
7	243	345	335	1690	2450	922	558	578	365	336	861	290
8	241	328	333	836	2820	1710	533	652	359	336	660	290
9	255	331	341	681	2800	2760	509	587	351	334	743	307
10	260	327	512	617	1460	2220	494	468	345	329	614	309
11	259	304	1560	574	964	1350	482	484	351	328	453	310
12	279	289	1630	533	880	1010	477	446	382	321	533	319
13	361	285	927	495	800	864	508	707	438	314	675	305
14	430	278	636	482	770	774	1100	1230	452	314	476	302
15	395	281	564	490	740	711	1470	3090	462	310	446	291
16	315	284	784	539	720	674	985	2270	441	304	540	288
17	283	293	1030	989	3200	736	670	1300	452	297	458	338
18	269	297	859	9040	2900	4560	570	1210	504	294	390	747
19	267	300	1450	10600	2300	4680	519	811	457	293	360	446
20	264	352	1900	7910	1900	4810	478	551	461	291	341	350
21	261	361	1340	4630	1700	2360	458	460	687	289	333	303
22	263	410	788	3600	1400	1150	438	1610	652	290	326	276
23	267	373	3260	2770	3500	903	426	1430	623	292	324	256
24	292	460	4240	2110	4820	1630	410	741	494	292	319	249
25	300	1240	3440	2150	4790	2170	396	662	556	294	314	247
26	304	2160	2970	2610	3640	1570	395	606	662	287	310	245
27	296	1970	1160	2180	8900	962	388	553	485	286	313	244
28	275	1500	804	1270	15100	804	379	482	406	288	346	242
29	267	1100	672	1010	---	735	373	443	374	323	379	244
30	264	780	592	895	---	975	367	425	360	324	353	284
31	263	---	540	795	---	1160	---	426	---	301	324	---
TOTAL	8650	16428	35225	67674	73950	73721	17565	25290	13493	9770	13690	9284
MEAN	279	548	1136	2183	2641	2378	586	816	450	315	442	309
MAX	430	2160	4240	10600	15100	16700	1470	3090	687	363	861	747
MIN	239	262	333	472	720	674	367	359	345	286	310	242
CFSM	.57	1.11	2.31	4.44	5.37	4.83	1.19	1.66	.92	.64	.90	.63
IN.	.65	1.24	2.66	5.12	5.59	5.57	1.33	1.91	1.02	.74	1.04	.70
CAL YR 1986	TOTAL	212276	MEAN 582	MAX 4240	MIN 239	CFSM 1.18	IN 16.05					
WTR YR 1987	TOTAL	364740	MEAN 999	MAX 16700	MIN 239	CFSM 2.03	IN 27.58					

TENNESSEE RIVER MAIN STEM

03589500 TENNESSEE RIVER AT FLORENCE, AL

LOCATION.--Lat 34°47'13", long 87°40'12", in SW sec. 14, T. 3 S., R. 11 W., Lauderdale County, Hydrologic Unit 06030005, on right bank at lower end of Patton Island, 137 ft upstream from Southern Railway bridge, 700 ft upstream from O'Neal Bridge on U.S. Highway 72, 1.1 mi south of Florence Post Office, 1.7 mi upstream from Cypress Creek, 2.7 mi downstream from Wilson Dam, and at mile 256.7.

DRAINAGE AREA.--30,810 mi², approximately.

PERIOD OF RECORD.--November 1871 to September 1894 (gage heights only), October 1894 to current year.

REVISED RECORD.--WSP 473: 1897(M). WSP 1306: 1914(M), 1936 (monthly runoff). WSP 1436: 1897, 1899, 1916.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft above National Geodetic Vertical Datum of 1929. Prior to Apr. 1, 1926, several National Weather Service staff gages at or near Southern Railway bridge 137 ft downstream at same datum. Apr. 1, 1926, to Mar. 11, 1958, water-stage recorder on left bank at lower end of old lock and dam, 1,400 ft upstream at same datum. Since Oct. 1, 1938, auxiliary water-stage recorder 15.2 mi downstream.

REMARKS.--Estimated daily discharges: Feb. 15-17. Records good except for period of estimated record and those below 25,000 ft³/s, which are fair. Slight regulation since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above station. Flow now almost completely regulated. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

AVERAGE DISCHARGE.--93 years, 51,585 ft³/s, 22.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 530,000 ft³/s, Mar. 17, 1973, maximum gage height, 32.5 ft, Mar. 19, 1897; minimum daily discharge, 105 ft³/s, Sept. 7, 1969 (computed on basis of Wilson Dam records), minimum gage height, -0.30 ft, Oct. 8, 1925, caused by filling of Wilson Lake.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1867 reached a stage of 31.1 ft, from National Weather Service records, discharge, 421,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 243,000 ft³/s, Mar. 1, maximum gage height, 20.92 ft, Mar. 1; minimum daily discharge, 11,700 ft³/s, Sept. 5.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24400	22200	97200	67400	74800	203000	49700	41800	32700	14900	35400	21900
2	23400	22800	94000	65700	70700	172000	46700	35600	33400	16400	32200	23900
3	23800	29800	88300	65400	77200	162000	44900	34500	35600	17800	35800	22900
4	22300	32200	69600	54600	79300	152000	41600	33600	31700	25300	40900	17800
5	29600	35800	72700	53400	77100	129000	33100	31500	22200	25400	37600	11700
6	27000	29500	64700	48900	74600	107000	26000	38900	15200	39200	39200	12900
7	25100	29300	57900	51400	60500	103000	32800	34400	20100	36300	44900	20800
8	18000	28700	59800	54700	60200	103000	33100	28100	40700	42300	40300	30600
9	16100	58000	95100	53900	67200	102000	33600	17500	38500	32700	25600	32600
10	16800	56100	122000	42600	66900	102000	25100	19200	39800	42100	34700	35500
11	13400	47400	114000	37100	59200	96100	15000	40800	31400	29800	40200	25300
12	13400	49300	104000	41100	59600	103000	19500	36400	38200	29800	36300	20100
13	16500	57500	102000	45000	60400	95400	18200	36700	29700	41700	32400	26700
14	26500	56600	102000	45400	55500	67900	23100	35900	27800	43200	41000	32600
15	30100	54600	104000	32500	32000	59900	25600	29500	33400	32100	40400	41900
16	31100	35400	103000	38600	50000	72500	31800	18800	40100	30300	28000	34200
17	25900	42900	88300	32900	70000	59400	38400	16900	33500	38200	26200	31100
18	14100	46200	80500	32000	65400	61900	31100	27300	32600	28600	34500	27700
19	13100	44100	87900	79600	61700	54900	38400	34700	40300	24100	36100	18600
20	32000	53000	66000	106000	67800	62400	49900	36100	29900	39400	34300	17700
21	28700	45400	64700	106000	63300	48400	45100	42100	32100	40300	33800	30100
22	31800	48900	63300	107000	53700	38800	60500	37700	23200	32700	30500	37400
23	33400	46000	74300	107000	64900	46600	39700	20900	21100	25000	18500	34700
24	30100	78100	74600	106000	72300	50600	44700	18900	32600	34600	32800	24600
25	35800	99200	80700	97300	71600	45900	34000	32200	34000	30400	34000	19700
26	37900	156000	83700	109000	90400	44600	30400	41300	22300	20200	32900	13100
27	45600	168000	75500	108000	184000	50100	40800	37900	25500	39400	33200	12400
28	43700	150000	73000	96500	214000	30100	40900	38900	20300	36100	26400	23400
29	45900	127000	76800	103000	---	19700	38500	44600	33900	32700	17800	26200
30	47200	101000	66100	97100	---	36200	39700	39700	24100	31800	14900	22300
31	48500	---	67100	76200	---	45100	---	28100	---	31200	31000	---
TOTAL	871200	1851000	2572800	2161300	2104300	2524500	1071900	1010500	915900	984000	1021800	750400
MEAN	28100	61700	82990	69720	75150	81440	35730	32600	30530	31740	32960	25010
MAX	48500	168000	122000	109000	214000	203000	60500	44600	40700	43200	44900	41900
MIN	13100	22200	57900	32000	32000	19700	15000	16900	15200	14900	14900	11700
CFSM	.91	2.00	2.69	2.26	2.44	2.64	1.16	1.06	.99	1.03	1.07	.81
IN.	1.05	2.23	3.11	2.61	2.54	3.05	1.29	1.22	1.11	1.19	1.23	.91

CAL YR 1986 TOTAL 12368500 MEAN 33890 MAX 168000 MIN 10200 CFSM 1.10 IN. 14.93
WTR YR 1987 TOTAL 17839600 MEAN 48880 MAX 214000 MIN 11700 CFSM 1.59 IN. 21.54

TENNESSEE RIVER BASIN

03592718 LITTLE YELLOW CREEK EAST NEAR BURNSVILLE, MS

LOCATION.--Lat 34°50'05", long 88°17'14", in SE¼ sec.7, T.3 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on right bank at bridge on county road 0.2 mi northeast of Walker Siding and 2.0 mi east of Burnsville.

DRAINAGE AREA.--24.7 mi², Tennessee Valley Authority.

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

REVISED RECORDS.--WDR MS-78-1: 1973(M), 1976(M).

GAGE.--Water-stage recorder. Datum of gage is 429.51 ft Mississippi Highway Department datum.

REMARKS.--Estimated daily discharges: Oct. 1-13, Jan. 3-9, Feb. 8-14, Apr. 28 to May 2, May 4-16, May 18-22, May 24-25, May 27-30, June 3-13, June 16, June 19-21, June 24 to July 2, July 5-27. Records good, except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--14 years, 43.4 ft³/s, 23.86 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined Dec. 26, 1983, gage height, 21.74 ft; minimum, 1.5 ft³/s Sept. 9, 1984.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 3,180 ft³/s, gage height, 19.12 ft was measured Mar. 16, 1973.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0600	1,110	15.72	Feb. 27	0300	1,160	15.84
Dec. 9	0715	*1,590	*16.75				

Minimum discharge, 2.1 ft³/s Aug.25-26, gage height, 5.64 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	6.3	38	23	23	165	26	8.4	31	5.2	2.7	3.2
2	4.4	6.2	34	22	54	78	23	8.2	12	5.0	2.9	2.9
3	4.3	6.0	27	20	33	53	25	12	9.8	11	3.0	2.7
4	4.2	6.3	21	19	26	43	21	8.4	7.4	10	3.8	2.6
5	4.1	11	19	19	24	38	20	9.0	6.4	10	6.1	2.8
6	4.1	10	18	18	22	35	19	8.0	5.6	8.4	11	3.1
7	4.0	33	17	18	21	33	19	7.5	4.8	7.6	4.0	3.1
8	4.0	171	521	17	24	39	21	7.0	4.5	6.8	3.4	3.6
9	3.9	548	1460	17	23	39	18	6.7	4.3	11	3.0	3.0
10	3.9	51	254	29	22	31	17	6.6	4.2	9.4	3.0	5.0
11	3.9	58	97	20	20	28	21	6.6	4.1	7.6	4.1	3.9
12	3.8	38	57	18	19	27	30	6.4	6.6	6.8	8.3	4.3
13	8.7	23	43	16	18	25	24	6.4	5.0	6.4	5.8	14
14	7.1	20	38	18	17	24	63	6.2	21	6.0	3.6	10
15	5.5	25	34	18	25	24	31	6.0	35	5.4	3.3	6.9
16	5.3	20	31	17	136	24	28	6.2	20	5.0	2.8	6.0
17	5.2	17	35	16	60	23	24	12	25	4.6	3.4	5.9
18	5.0	15	35	65	41	66	21	9.8	15	4.3	5.2	5.4
19	4.8	13	27	82	34	60	18	8.2	13	4.0	3.3	6.3
20	4.7	65	23	39	35	35	17	7.8	12	3.8	3.3	6.4
21	4.5	32	21	32	41	31	16	7.4	30	3.7	2.8	5.4
22	4.4	21	20	29	108	28	15	7.0	26	3.6	2.6	5.0
23	4.3	115	118	25	91	26	15	13	14	3.5	2.4	4.9
24	38	185	131	24	50	44	13	10	11	7.6	2.2	5.3
25	60	163	63	68	40	32	12	9.0	10	6.8	2.2	5.0
26	15	299	44	50	248	26	12	33	8.6	4.5	2.2	4.7
27	9.4	69	36	33	611	25	11	12	7.4	6.6	7.9	4.8
28	8.1	45	31	31	653	23	9.8	9.0	6.6	4.6	6.5	4.7
29	6.4	35	29	31	---	24	9.4	8.0	5.6	2.4	3.7	5.1
30	6.5	36	27	28	---	33	8.8	9.0	4.4	2.7	3.1	5.4
31	6.4	---	24	23	---	32	---	27	---	2.6	3.1	---
TOTAL	258.4	2142.8	3373	885	2519	1214	608.0	301.8	370.3	186.9	124.7	225.2
MEAN	8.34	71.4	109	28.5	90.0	39.2	20.3	9.74	12.3	6.03	4.02	7.51
MAX	60	548	1460	82	653	165	63	33	35	11	11	43
MIN	3.8	6.0	17	16	17	23	8.8	6.0	4.1	2.4	2.2	2.6
CFSM	.34	2.89	4.41	1.15	3.64	1.59	.82	.39	.50	.24	.16	.30
IN.	.39	3.23	5.08	1.33	3.79	1.83	.92	.45	.56	.28	.19	.34

CAL YR 1986	TOTAL	11682.7	MEAN	32.0	MAX	1460	MIN	3.8	CFSM	1.30	IN	17.59
WTR YR 1987	TOTAL	12209.1	MEAN	33.4	MAX	1460	MIN	2.2	CFSM	1.35	IN	18.39

03592824 TENNESSEE-TOMBIGBEE WATERWAY AT CROSS ROADS, MS

LOCATION.--Lat 34°54'51", long 88°14'48", in SE¼ sec.9, T.2 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, at northern end of Tennessee-Tombigbee Waterway, near bridge on State Highway 25, 0.9 mi southeast of Cross Roads.

WATER-STAGE RECORDS

PERIOD OF RECORD.--December 1980 to current year (gage heights only).

REVISED RECORD.--WRD MS-84-1:1983(M,m).

GAGE.--Water-stage recorder. Datum of gage is 400.00 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.24 ft, May 9, 1984; minimum, 7.62 ft, Feb. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.21 ft, Nov. 29; minimum, 7.62 ft, Feb. 10.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.88	10.27	13.59	9.29	9.67		---	13.48	13.60	14.03	12.58	11.35
2	10.92	10.12	12.54	8.94	9.69		---	13.59	13.64	13.86	12.42	11.52
3	10.93	9.93	12.01	8.89	9.65		12.29	13.67	13.54	13.46	12.42	11.63
4	10.94	9.90	11.80	8.75	9.45		12.23	13.64	13.77	13.18	12.37	11.77
5	10.89	10.09	12.05	8.94	9.58		12.24	13.69	13.70	13.31	12.41	11.67
6	10.75	10.09	12.20	9.23	9.77		12.40	13.71	13.55	13.49	12.58	11.33
7	10.78	10.11	11.91	9.45	9.58		12.38	13.77	13.36	13.60	12.55	11.24
8	10.79	10.28	11.65	9.28	8.80		12.45	13.74	13.25	13.62	12.39	11.38
9	10.74	11.97	12.34	9.23	8.26		12.68	13.81	13.41	13.70	12.32	11.52
10	10.75	12.84	14.02	9.02	8.21		12.90	13.78	13.43	13.85	12.13	11.58
11	10.76	12.25	14.16	8.87	8.90		12.79	13.96	13.55	13.64	12.31	11.87
12	10.78	11.51	13.96	8.85	9.16		12.86	13.97	13.65	13.27	12.46	11.72
13	10.79	11.09	13.60	8.84	8.85		12.97	13.90	13.60	13.09	12.43	11.46
14	10.68	11.10	13.21	9.01	8.88		13.18	13.83	13.38	13.12	12.25	11.22
15	10.75	11.15	12.84	9.05	8.78		13.37	13.75	13.47	13.52	11.87	11.09
16	10.68	10.86	12.50	9.00	8.53		13.41	13.66	13.47	13.69	11.77	11.10
17	10.54	10.69	11.71	8.94	8.32		13.65	13.72	13.80	13.61	11.72	11.12
18	10.49	10.35	10.55	9.05	8.10		13.88	13.63	13.85	13.42	11.82	11.06
19	10.54	10.20	10.34	9.19	8.29		13.79	13.60	13.78	13.20	11.83	10.90
20	10.43	9.82	10.46	9.34	8.28		13.80	13.70	13.88	12.96	11.89	10.62
21	10.38	9.74	10.15	9.23	8.36		13.21	13.73	13.53	13.10	12.00	10.44
22	10.42	9.77	9.95	9.17	8.35		13.43	13.78	13.41	13.37	11.94	10.71
23	10.44	9.84	9.66	9.07	8.65		13.54	13.76	13.50	13.33	11.67	10.94
24	10.42	10.90	9.65	9.27	8.78		13.35	13.88	13.56	13.37	11.47	11.09
25	10.71	11.85	9.85	9.12	9.01		13.29	13.98	13.72	13.33	11.50	11.13
26	10.42	12.41	10.42	8.68	9.22		13.43	13.72	13.59	13.01	11.53	10.95
27	10.42	14.46	10.35	8.67	---		13.50	13.72	13.37	12.77	11.69	10.74
28	10.26	15.04	10.16	8.90	---		13.37	13.68	13.27	12.96	11.85	10.58
29	10.15	15.06	10.12	8.99	---		13.45	13.49	13.35	13.08	11.76	10.74
30	10.23	14.37	9.73	9.11	---		13.47	13.54	13.92	13.02	11.46	10.83
31	10.24	---	9.69	9.48	---		---	13.62	---	12.90	11.18	---
MEAN	10.61	11.27	11.52	9.06	---		---	13.73	13.56	13.35	12.02	11.18
MAX	10.94	15.06	14.16	9.48	---		---	13.98	13.92	14.03	12.58	11.87
MIN	10.15	9.74	9.65	8.67	---		---	13.48	13.25	12.77	11.18	10.44
CAL YR 1986	MEAN 11.17		MAX 15.06	MIN 8.77								

TENNESSEE RIVER BASIN

03592824 TENNESSEE-TOMBIGBEE WATERWAY AT CROSS ROADS, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1980 to September 1985.

pH: April 1980 to September 1985.

WATER TEMPERATURE: April 1980 to September 1985.

TURBIDITY: April 1980 to September 1985.

DISSOLVED OXYGEN: April 1980 to September 1985.

SUSPENDED SEDIMENT CONCENTRATION: October 1980 to September 1985.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	SAM- PLING DEPTH (FEET)	GAGE HEIGHT (FEET ABOVE DATUM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY									
04...	0910	--	13.45	--	--	--	35.9	--	--
04...	0911	1.00	--	153	7.70	20.5	--	7.0	78
04...	0912	5.00	--	154	7.70	20.5	--	6.8	76
04...	0913	10.0	--	154	7.70	20.5	--	6.6	74
04...	0914	15.0	--	155	7.70	20.0	--	6.4	71
04...	0915	17.0	--	156	7.70	20.0	--	6.4	71
JUL									
20...	0900	--	12.85	--	--	--	42.0	--	--
20...	0901	1.00	--	154	8.00	30.0	--	6.7	89
20...	0902	5.00	--	154	8.00	29.5	--	6.7	88
20...	0903	10.0	--	154	8.00	29.5	--	5.8	76
20...	0904	15.0	--	153	7.90	29.5	--	5.8	76

MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TN

LOCATION.--Lat 35°07'37", long 90°04'25", Shelby County, Hydrologic Unit 08010100, on left bank 50 ft downstream from Harahan Bridge at Memphis, 1.3 mi downstream from Beale Street gage, 3.5 mi downstream from Wolf River, 62.4 mi upstream from St. Francis River, and at mile 734.8.

DRAINAGE AREA.--932,800 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Discharge: January 1933 to current year. Monthly discharge only for some periods, published in WSP 1311.

Gage heights: October 1934 to September 1951 and October 1952 to current year in reports of Geological Survey. Since November 1871, at Beale Street gage, in reports of Mississippi River Commission, December 1890 to August 1932 at Beale Street gage, September 1932 to December 1934 at nonrecording gage 1,000 ft downstream, and since December 1934 at water-stage recorder at present site, in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 183.91 ft National Geodetic Vertical Datum of 1929. Prior to Apr. 16, 1934, Beale Street nonrecording gage 1.3 mi upstream at present datum. Apr. 16 to Dec. 21, 1934, nonrecording gage 1,000 ft downstream at present datum.

REMARKS.--Flow regulated upstream by many locks, dams, and reservoirs.

COOPERATION.--Records furnished by U.S. Army Corps of Engineers.

AVERAGE DISCHARGE.--54 years, 485,000 ft³/s, 351,400,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,980,000 ft³/s, Feb. 8, 1937; maximum gage height, 48.69 ft Feb. 10, 1937; minimum discharge, 79,200 ft³/s, Aug. 26, 1936; minimum gage height, -5.70 ft Sept. 21, 1976.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage prior to 1937, 46.55 ft Apr. 9, 1913, at Beale Street gage or about 45.2 ft at present site.

EXTREMES FOR 1982 WATER YEAR.--Maximum discharge, 1,120,100 ft³/s, Mar. 31, gage height, 30.90 ft; minimum daily, 191,000 ft³/s, Oct. 1.

EXTREMES FOR 1983 WATER YEAR.--Maximum discharge, 1,640,000 ft³/s, May 19; minimum gage height, 39.20 ft May 15; minimum daily discharge, 165,000 ft³/s, Sept. 20.

EXTREMES FOR 1984 WATER YEAR.--Maximum discharge, 1,590,000 ft³/s, May 21; maximum gage height, 38.70 ft May 18-19; minimum daily discharge, 183,000 ft³/s, Oct. 14-15.

EXTREMES FOR 1985 WATER YEAR.--Maximum discharge, 1,300,000 ft³/s, Mar. 12, gage height, 32.90 ft; minimum daily, 190,000 ft³/s, Sept. 20.

EXTREMES FOR 1986 WATER YEAR.--Maximum discharge, 1,140,000 ft³/s, Dec. 9, gage height, 28.90 ft; minimum daily, 200,000 ft³/s, Sept. 5.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 942,000 ft³/s, Mar. 22-23; minimum daily, 193,000 ft³/s, Aug. 18.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	191000	281000	256000	474000	907000	1110000	1190000	617000	584000	399000	417000	334000
2	198000	304000	267000	475000	933000	1120000	1180000	598000	610000	393000	393000	361000
3	205000	323000	285000	460000	980000	1110000	1170000	585000	662000	395000	374000	390000
4	210000	332000	327000	439000	1020000	1090000	1140000	575000	730000	410000	365000	423000
5	213000	330000	356000	420000	1040000	1070000	1100000	558000	785000	430000	357000	472000
6	210000	326000	370000	426000	1040000	1020000	1030000	533000	821000	438000	351000	527000
7	207000	314000	373000	511000	1030000	956000	976000	518000	828000	460000	346000	569000
8	208000	308000	380000	605000	1010000	879000	930000	517000	804000	484000	340000	552000
9	213000	339000	385000	662000	1020000	797000	904000	505000	778000	520000	337000	505000
10	217000	367000	382000	688000	989000	738000	887000	496000	764000	556000	333000	468000
11	219000	363000	366000	712000	971000	698000	871000	490000	763000	572000	335000	439000
12	219000	349000	342000	717000	964000	671000	845000	481000	766000	573000	345000	410000
13	220000	329000	321000	707000	955000	649000	803000	471000	785000	549000	364000	379000
14	222000	313000	298000	682000	937000	634000	768000	472000	805000	537000	379000	364000
15	225000	298000	284000	638000	938000	633000	734000	472000	808000	526000	372000	342000
16	225000	283000	276000	576000	920000	645000	705000	463000	833000	499000	369000	336000
17	229000	273000	273000	506000	883000	682000	718000	448000	827000	474000	344000	346000
18	236000	259000	271000	450000	844000	745000	704000	422000	817000	456000	311000	347000
19	237000	245000	263000	403000	805000	805000	691000	408000	798000	442000	304000	353000
20	240000	232000	259000	369000	764000	879000	701000	399000	776000	434000	355000	368000
21	245000	223000	258000	349000	782000	933000	716000	411000	763000	437000	404000	376000
22	260000	218000	255000	336000	826000	990000	734000	432000	745000	443000	420000	378000
23	272000	216000	248000	337000	890000	1030000	761000	452000	717000	452000	421000	365000
24	274000	219000	242000	360000	940000	1070000	777000	486000	684000	472000	390000	349000
25	277000	222000	249000	448000	997000	1100000	776000	516000	643000	499000	357000	338000
26	281000	231000	284000	616000	1040000	1120000	771000	536000	596000	522000	329000	327000
27	276000	241000	336000	725000	1080000	1150000	750000	540000	544000	538000	316000	317000
28	271000	249000	379000	797000	1100000	1160000	706000	541000	494000	538000	307000	307000
29	269000	248000	408000	845000	---	1180000	662000	560000	469000	523000	299000	286000
30	271000	248000	432000	876000	---	1190000	634000	573000	420000	488000	302000	268000
31	275000	---	457000	912000	---	1200000	---	574000	---	449000	314000	---
TOTAL	7315000	8483000	9882000	17521000	26605000	29054000	25334000	15649000	21419000	14908000	10950000	11596000
MEAN	236000	282800	318800	565200	950200	937200	844500	504800	714000	480900	353200	386500
MAX	281000	367000	457000	912000	1100000	1200000	1190000	617000	833000	573000	421000	569000
MIN	191000	216000	242000	336000	764000	633000	634000	399000	420000	393000	299000	268000
AC-FT	14510000	16830000	19600000	34750000	52770000	57630000	50250000	31040000	42480000	29570000	21720000	23000000
CAL YR 1981	TOTAL	149275000	MEAN	409000	MAX	953000	MIN	139000	AC-FT	296100000		
WTR YR 1982	TOTAL	198716000	MEAN	544400	MAX	1200000	MIN	191000	AC-FT	394200000		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TN--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	263000	277000	559000	1220000	523000	550000	662000	1120000	1600000	491000	350000	213000
2	251000	272000	596000	1260000	513000	553000	667000	1100000	1570000	481000	320000	221000
3	243000	268000	624000	1300000	511000	544000	680000	1110000	1530000	477000	302000	218000
4	236000	265000	696000	1310000	507000	533000	711000	1130000	1490000	483000	287000	220000
5	227000	265000	758000	1320000	514000	522000	751000	1180000	1450000	510000	280000	224000
6	217000	274000	871000	1320000	545000	530000	786000	1230000	1380000	538000	280000	220000
7	216000	288000	975000	1300000	588000	527000	823000	1300000	1300000	550000	278000	204000
8	226000	316000	1030000	1280000	619000	543000	877000	1370000	1220000	553000	277000	191000
9	225000	333000	1090000	1220000	638000	568000	941000	1420000	1130000	551000	281000	184000
10	230000	331000	1150000	1130000	652000	609000	992000	1480000	1050000	541000	279000	190000
11	228000	332000	1200000	1020000	664000	634000	1050000	1510000	974000	536000	283000	201000
12	230000	330000	1230000	908000	659000	649000	1120000	1540000	899000	523000	286000	205000
13	234000	315000	1250000	804000	644000	658000	1180000	1560000	815000	516000	282000	199000
14	248000	297000	1250000	726000	627000	650000	1230000	1560000	727000	506000	269000	193000
15	259000	280000	1250000	664000	608000	646000	1280000	1580000	653000	493000	262000	185000
16	274000	277000	1240000	620000	592000	640000	1300000	1580000	602000	476000	258000	185000
17	304000	281000	1210000	587000	581000	628000	1320000	1610000	565000	459000	249000	194000
18	312000	294000	1170000	566000	575000	617000	1340000	1640000	536000	441000	245000	192000
19	303000	323000	1140000	545000	556000	599000	1370000	1640000	518000	427000	243000	177000
20	304000	363000	1110000	517000	542000	583000	1370000	1610000	507000	409000	237000	165000
21	306000	379000	1070000	492000	527000	573000	1360000	1600000	508000	398000	230000	170000
22	301000	392000	1040000	473000	528000	563000	1350000	1590000	512000	402000	220000	175000
23	296000	401000	1010000	468000	538000	568000	1340000	1570000	518000	400000	214000	180000
24	292000	413000	980000	447000	545000	595000	1350000	1580000	538000	392000	209000	180000
25	287000	429000	974000	447000	536000	622000	1330000	1590000	552000	379000	206000	183000
26	283000	446000	973000	472000	529000	644000	1310000	1600000	556000	376000	210000	192000
27	278000	469000	997000	508000	534000	666000	1280000	1610000	548000	379000	216000	193000
28	274000	497000	1040000	538000	543000	671000	1240000	1620000	538000	389000	217000	191000
29	272000	510000	1090000	551000	---	667000	1200000	1630000	522000	406000	217000	190000
30	275000	527000	1150000	554000	---	669000	1160000	1630000	501000	410000	213000	193000
31	280000	---	1200000	537000	---	665000	---	1630000	---	390000	211000	---
TOTAL	8174000	10444000	31923000	25104000	15938000	18686000	33370000	45920000	25809000	14282000	7911000	5828000
MEAN	263700	348100	1030000	809800	569200	602800	1112000	1481000	860300	460700	255200	194300
MAX	312000	527000	1250000	1320000	664000	671000	1370000	1640000	1600000	553000	350000	224000
MIN	216000	265000	559000	447000	507000	522000	662000	1100000	501000	376000	206000	165000
AC-FT	16210000	20720000	63320000	49790000	31610000	37060000	66190000	91080000	51190000	28330000	15690000	11560000
CAL YR 1982	TOTAL	223577000	MEAN	612500	MAX	1250000	MIN	216000	AC-FT	443500000		
WTR YR 1983	TOTAL	243389000	MEAN	666800	MAX	1640000	MIN	165000	AC-FT	482800000		

MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TN--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	202000	379000	679000	484000	492000	810000	1180000	1210000	990000	640000	397000	231000
2	207000	338000	727000	479000	498000	792000	1230000	1230000	952000	641000	396000	229000
3	211000	309000	796000	489000	489000	788000	1270000	1260000	923000	631000	388000	228000
4	210000	295000	834000	506000	468000	785000	1290000	1270000	902000	625000	375000	229000
5	214000	280000	856000	516000	446000	833000	1290000	1270000	882000	619000	365000	236000
6	213000	266000	887000	508000	422000	858000	1290000	1270000	862000	624000	357000	245000
7	209000	262000	914000	479000	411000	883000	1310000	1270000	847000	647000	351000	249000
8	208000	271000	948000	449000	419000	904000	1320000	1300000	811000	666000	343000	240000
9	202000	293000	973000	423000	425000	934000	1330000	1330000	762000	678000	335000	236000
10	195000	320000	986000	411000	431000	940000	1330000	1350000	706000	680000	330000	226000
11	196000	338000	990000	399000	421000	938000	1340000	1370000	652000	686000	311000	218000
12	189000	331000	977000	395000	412000	927000	1330000	1410000	599000	702000	303000	208000
13	186000	313000	955000	398000	416000	908000	1330000	1450000	564000	693000	299000	212000
14	183000	301000	938000	408000	407000	872000	1320000	1490000	560000	680000	294000	233000
15	183000	296000	929000	410000	430000	814000	1310000	1520000	576000	660000	299000	245000
16	188000	304000	929000	403000	483000	731000	1300000	1550000	595000	644000	303000	255000
17	194000	323000	932000	395000	543000	666000	1290000	1570000	619000	629000	323000	260000
18	195000	343000	940000	378000	616000	630000	1270000	1580000	625000	619000	342000	251000
19	198000	351000	922000	367000	684000	638000	1240000	1580000	625000	605000	349000	243000
20	211000	365000	897000	357000	734000	688000	1210000	1580000	625000	580000	349000	248000
21	217000	347000	876000	350000	774000	753000	1170000	1590000	619000	552000	349000	259000
22	221000	358000	833000	350000	804000	821000	1110000	1550000	615000	532000	335000	268000
23	229000	404000	772000	346000	835000	876000	1040000	1520000	619000	518000	318000	271000
24	257000	445000	710000	343000	883000	929000	1000000	1480000	626000	505000	295000	267000
25	318000	468000	657000	339000	891000	970000	982000	1420000	627000	492000	280000	245000
26	374000	501000	617000	327000	903000	1000000	998000	1370000	635000	456000	262000	236000
27	418000	551000	592000	325000	898000	1020000	1040000	1300000	636000	430000	248000	237000
28	442000	605000	572000	344000	882000	1050000	1090000	1230000	633000	416000	241000	252000
29	447000	631000	563000	378000	846000	1060000	1140000	1150000	631000	407000	236000	256000
30	442000	646000	552000	421000	---	1090000	1190000	1090000	635000	404000	233000	242000
31	418000	---	524000	465000	---	1130000	---	1030000	---	398000	232000	---
TOTAL	7777000	11234000	25277000	12642000	17363000	27038000	36540000	42590000	20953000	18059000	9838000	7255000
MEAN	250900	374500	815400	407800	598700	872200	1218000	1374000	698400	582500	317400	241800
MAX	447000	646000	990000	516000	903000	1130000	1340000	1590000	990000	702000	397000	271000
MIN	183000	262000	524000	325000	407000	630000	982000	1030000	560000	398000	232000	208000
AC-FT	15430000	22280000	50140000	25080000	34440000	53630000	72480000	84480000	41560000	35820000	19510000	14390000
CAL YR 1983	TOTAL	237136000	MEAN	649700	MAX	1640000	MIN	165000	AC-FT	470400000		
WTR YR 1984	TOTAL	236566000	MEAN	646400	MAX	1590000	MIN	183000	AC-FT	469200000		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TN--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	230000	413000	602000	860000	329000	1070000	731000	544000	449000	364000	218000	325000
2	215000	427000	659000	876000	320000	1120000	778000	570000	424000	350000	225000	307000
3	202000	448000	694000	921000	317000	1160000	874000	579000	395000	334000	233000	306000
4	194000	515000	701000	970000	320000	1190000	911000	571000	379000	318000	246000	301000
5	196000	589000	697000	1010000	421000	1220000	956000	602000	374000	311000	261000	287000
6	199000	642000	686000	1040000	487000	1250000	977000	641000	379000	321000	270000	272000
7	206000	677000	660000	1060000	554000	1260000	1010000	674000	404000	328000	269000	269000
8	211000	697000	616000	1060000	592000	1270000	1020000	699000	432000	332000	272000	294000
9	213000	691000	567000	1030000	601000	1280000	1030000	701000	455000	328000	265000	287000
10	214000	682000	522000	998000	600000	1290000	1040000	681000	467000	319000	254000	262000
11	213000	644000	489000	963000	594000	1290000	1040000	640000	477000	311000	251000	245000
12	212000	602000	460000	928000	585000	1300000	1040000	617000	483000	304000	259000	234000
13	207000	573000	437000	897000	591000	1290000	1040000	561000	495000	308000	267000	227000
14	203000	565000	418000	863000	618000	1270000	1020000	492000	514000	317000	276000	219000
15	202000	576000	411000	812000	643000	1230000	987000	460000	542000	321000	270000	211000
16	200000	585000	427000	747000	667000	1200000	949000	433000	543000	321000	265000	204000
17	204000	583000	462000	678000	699000	1160000	910000	423000	515000	320000	256000	201000
18	210000	585000	492000	613000	698000	1120000	867000	427000	491000	307000	259000	198000
19	214000	583000	519000	561000	689000	1110000	813000	444000	471000	295000	277000	193000
20	219000	548000	560000	521000	680000	1100000	771000	469000	451000	292000	313000	190000
21	230000	521000	594000	500000	660000	1080000	727000	476000	446000	292000	340000	193000
22	250000	535000	618000	478000	636000	1080000	683000	483000	461000	296000	350000	195000
23	277000	586000	655000	424000	627000	1060000	662000	481000	476000	280000	359000	194000
24	336000	637000	731000	410000	659000	1040000	670000	479000	471000	257000	362000	196000
25	403000	668000	785000	403000	732000	1000000	635000	480000	451000	241000	355000	203000
26	443000	674000	828000	389000	865000	943000	590000	469000	415000	232000	338000	212000
27	448000	650000	852000	381000	960000	872000	559000	450000	385000	234000	348000	216000
28	445000	608000	864000	366000	1020000	810000	543000	428000	376000	222000	351000	223000
29	436000	562000	872000	353000	---	749000	551000	427000	370000	214000	345000	230000
30	419000	558000	868000	346000	---	724000	549000	436000	368000	213000	346000	242000
31	414000	---	860000	338000	---	718000	---	451000	---	215000	340000	---
TOTAL	8265000	17624000	19606000	21796000	17164000	34256000	24933000	16288000	13359000	9097000	9040000	7136000
MEAN	266600	587500	632500	703100	613000	1105000	831100	525400	445300	293500	291600	237900
MAX	448000	697000	872000	1060000	1020000	1300000	1040000	701000	543000	364000	362000	325000
MIN	194000	413000	411000	338000	317000	718000	543000	423000	368000	213000	218000	190000
AC-FT	16390000	34960000	38890000	43230000	34040000	67950000	49450000	32310000	26500000	18040000	17930000	14150000
CAL YR 1984	TOTAL	237773000	MEAN	649700	MAX	1590000	MIN	194000	AC-FT	471600000		
WTR YR 1985	TOTAL	198564000	MEAN	544000	MAX	1300000	MIN	190000	AC-FT	393900000		

LOWER MISSISSIPPI RIVER BASIN

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MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TN--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	249000	426000	1090000	452000	437000	755000	569000	456000	651000	333000	334000	230000
2	252000	441000	1080000	430000	410000	738000	537000	430000	626000	334000	328000	215000
3	253000	444000	1070000	411000	394000	701000	512000	410000	595000	343000	319000	213000
4	257000	436000	1070000	399000	389000	657000	490000	400000	586000	353000	307000	210000
5	258000	428000	1080000	395000	486000	614000	473000	405000	567000	385000	295000	200000
6	261000	443000	1100000	389000	581000	580000	457000	416000	550000	418000	290000	205000
7	274000	476000	1120000	385000	667000	550000	447000	425000	533000	449000	282000	229000
8	290000	491000	1130000	381000	741000	516000	435000	426000	530000	474000	271000	247000
9	297000	504000	1140000	377000	775000	489000	440000	420000	541000	485000	261000	255000
10	296000	524000	1130000	366000	805000	464000	454000	422000	559000	472000	256000	255000
11	294000	549000	1120000	350000	854000	452000	467000	423000	602000	444000	255000	249000
12	289000	571000	1120000	333000	864000	458000	472000	425000	638000	436000	256000	230000
13	282000	601000	1110000	316000	886000	468000	469000	431000	646000	455000	255000	216000
14	273000	638000	1090000	311000	891000	492000	465000	430000	617000	480000	252000	226000
15	281000	668000	1080000	306000	892000	541000	463000	439000	588000	510000	249000	233000
16	324000	694000	1060000	303000	884000	612000	464000	464000	567000	539000	242000	230000
17	396000	740000	1030000	298000	876000	686000	460000	523000	548000	564000	224000	227000
18	454000	752000	995000	294000	855000	743000	460000	588000	537000	576000	217000	241000
19	484000	809000	961000	291000	829000	791000	462000	603000	527000	585000	227000	273000
20	490000	861000	920000	295000	804000	824000	465000	585000	509000	573000	254000	270000
21	481000	904000	890000	298000	783000	857000	467000	571000	484000	554000	280000	283000
22	468000	947000	869000	307000	772000	873000	476000	572000	465000	523000	294000	282000
23	483000	982000	851000	325000	776000	876000	486000	578000	454000	492000	290000	273000
24	507000	1010000	830000	359000	794000	878000	490000	608000	435000	462000	283000	284000
25	525000	1040000	781000	400000	807000	885000	491000	643000	411000	432000	275000	321000
26	532000	1060000	711000	429000	808000	888000	490000	666000	392000	409000	266000	360000
27	526000	1100000	657000	438000	788000	869000	490000	687000	370000	391000	254000	399000
28	497000	1110000	630000	474000	773000	823000	489000	692000	351000	377000	239000	435000
29	471000	1110000	578000	493000	---	749000	484000	685000	341000	364000	224000	462000
30	442000	1100000	527000	485000	---	677000	472000	675000	333000	351000	218000	488000
31	426000	---	503000	466000	---	616000	---	668000	---	341000	230000	---
TOTAL	11612000	21859000	29323000	11556000	20621000	21122000	14296000	16166000	15553000	13904000	8227000	8241000
MEAN	374600	728600	945900	372800	736500	681400	476500	521500	518400	448500	265400	274700
MAX	532000	1110000	1140000	493000	892000	888000	569000	692000	651000	585000	334000	488000
MIN	249000	426000	503000	291000	389000	452000	435000	400000	333000	333000	217000	200000
AC-FT	23030000	43360000	58160000	22920000	40900000	41900000	28360000	32070000	30850000	27580000	16320000	16350000
CAL YR 1985	TOTAL	215863000	MEAN	591400	MAX	1300000	MIN	190000	AC-FT	428200000		
WTR YR 1986	TOTAL	192480000	MEAN	527300	MAX	1140000	MIN	200000	AC-FT	381800000		

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TN--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	502000	592000	782000	588000	412000	609000	523000	642000	372000	285000	239000	230000
2	506000	595000	827000	598000	393000	686000	553000	622000	393000	278000	239000	259000
3	518000	595000	846000	594000	382000	771000	593000	611000	422000	272000	238000	293000
4	545000	597000	860000	571000	387000	834000	625000	596000	441000	266000	249000	306000
5	578000	591000	874000	534000	410000	876000	649000	573000	445000	263000	256000	306000
6	632000	578000	889000	498000	435000	907000	667000	545000	437000	274000	250000	301000
7	681000	590000	894000	471000	460000	932000	679000	515000	422000	289000	251000	288000
8	727000	575000	899000	447000	478000	941000	685000	487000	401000	313000	255000	271000
9	771000	563000	900000	430000	481000	935000	680000	470000	393000	344000	257000	260000
10	800000	572000	901000	416000	479000	915000	667000	469000	380000	386000	260000	249000
11	834000	603000	901000	401000	475000	885000	656000	471000	362000	416000	256000	242000
12	846000	635000	917000	382000	463000	839000	654000	465000	345000	433000	240000	241000
13	849000	677000	930000	361000	448000	775000	681000	447000	335000	443000	222000	252000
14	848000	717000	933000	346000	433000	712000	697000	419000	329000	432000	215000	259000
15	829000	741000	928000	341000	421000	646000	721000	388000	330000	423000	213000	258000
16	810000	745000	906000	339000	412000	591000	762000	358000	323000	424000	207000	245000
17	780000	734000	893000	337000	400000	568000	805000	338000	316000	433000	197000	236000
18	758000	699000	876000	335000	393000	552000	847000	327000	300000	438000	193000	241000
19	742000	646000	867000	331000	386000	540000	890000	315000	297000	437000	198000	247000
20	725000	580000	832000	328000	383000	516000	928000	307000	300000	429000	209000	244000
21	705000	530000	772000	335000	377000	496000	940000	303000	306000	410000	217000	237000
22	685000	500000	708000	363000	375000	481000	942000	298000	314000	383000	229000	234000
23	654000	482000	643000	410000	388000	481000	942000	296000	300000	356000	244000	236000
24	642000	471000	600000	446000	407000	507000	940000	301000	288000	333000	252000	246000
25	616000	479000	567000	483000	427000	541000	932000	320000	285000	310000	254000	265000
26	598000	493000	550000	517000	457000	556000	920000	341000	287000	290000	257000	279000
27	591000	501000	540000	533000	500000	549000	889000	366000	294000	271000	258000	282000
28	588000	538000	537000	536000	552000	528000	829000	382000	299000	257000	248000	274000
29	584000	611000	549000	521000	---	511000	763000	385000	301000	246000	234000	260000
30	580000	704000	553000	484000	---	502000	686000	378000	295000	237000	224000	243000
31	583000	---	890000	443000	---	509000	---	367000	---	233000	222000	---
TOTAL	21107000	17934000	24564000	13719000	12014000	20691000	22745000	13102000	10312000	10604000	7283000	7784000
MEAN	680900	597800	792400	442500	429100	667500	758200	422600	343700	342100	234900	259500
MAX	849000	745000	933000	598000	552000	941000	942000	642000	445000	443000	260000	306000
MIN	502000	471000	537000	328000	375000	481000	523000	296000	285000	233000	193000	230000
AC-FT	41870000	35570000	48720000	27210000	23830000	41040000	45110000	25990000	20450000	21030000	14450000	15440000
CAL YR 1986	TOTAL	193291000	MEAN	529600	MAX	933000	MIN	200000	AC-FT	383400000		
WTR YR 1987	TOTAL	181859000	MEAN	498200	MAX	942000	MIN	193000	AC-FT	360700000		

07268000 LITTLE TALLAHATCHIE RIVER AT ETТА, MS

LOCATION.--Lat 34°29'00", long 89°13'30", in SE1SW1 sec.8, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on right bank at downstream side of bridge on State Highway 30, 0.8 mi northeast of Etta, 3.8 mi upstream from Puskus Creek, 5.0 mi downstream from Locks Creek, 12.3 mi west of New Albany, and 55.0 mi upstream from head of Panola-Quitman Floodway.

DRAINAGE AREA.--526 mi².

PERIOD OF RECORD.--September 1938 to current year. November 1936 to May 1937 (gage heights and discharge measurements only) in reports of U. S. Army Corps of Engineers, Vicksburg district. Prior to October 1971 published as Tallahatchie River at Etta.

REVISED RECORDS.--WSP 897: Drainage area. WSP 1211: 1948, 1949(M).

GAGE.--Water-stage recorder. Datum of gage is 273.48 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Nov. 23, 1936 to May 31, 1937, nonrecording gage at same site at datum 5.33 ft higher. Sept. 24, 1938 to Mar. 16, 1939, nonrecording gage; Mar. 17, 1939 to Aug. 25, 1952, water-stage recorder; and Aug. 26, 1952 to June 22, 1953, nonrecording gage; all at same site. Sept. 24, 1938 to Sept. 30, 1952, at datum 5.00 ft higher.

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

AVERAGE DISCHARGE.--49 years, 857 ft³/s, 22.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85,200 ft³/s, May 19, 1983, maximum gage height; 29.32 ft, Mar. 22, 1955; minimum discharge, 4.1 ft³/s, Oct. 3, 16, 1938.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 13,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0915	26,900	25.31	Feb. 27	1045	21,000	24.67
Nov. 24	1430	25,800	25.20	Feb. 28	2100	31,800	25.78
Nov. 26	0115	14,800	23.85	Apr. 14	1415	16,300	24.06
Dec. 10	0045	*35,600	*26.11				

Minimum discharge, 20 ft³/s, Oct. 6, 7, gage height 8.86 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	41	790	365	278	17000	440	169	312	237	38	28
2	26	40	817	346	631	3170	385	162	156	193	49	26
3	23	37	531	320	517	1390	408	317	114	320	40	27
4	22	42	400	314	364	1030	368	246	101	489	37	26
5	22	58	348	296	313	860	337	185	85	202	105	26
6	20	67	319	285	291	743	315	167	78	137	382	26
7	21	1260	303	279	343	632	302	454	74	764	64	25
8	21	12200	8260	259	303	712	290	202	68	182	45	25
9	23	24100	28900	260	243	952	274	154	65	144	40	26
10	25	7180	22400	364	224	602	257	138	63	119	44	27
11	23	1680	4140	302	224	491	337	192	62	91	92	287
12	26	815	1550	261	226	458	307	169	63	79	114	218
13	60	447	1040	254	208	430	750	152	79	70	87	88
14	37	355	852	246	207	416	12900	145	85	67	44	37
15	28	364	699	253	489	399	3800	213	665	60	37	30
16	24	332	608	248	4770	381	1130	159	1880	57	34	34
17	23	295	572	233	1510	366	760	143	684	53	32	28
18	22	255	549	1950	726	5090	558	154	657	50	45	26
19	22	225	486	3560	505	2630	459	142	1830	47	113	27
20	22	828	441	809	735	911	399	121	964	46	46	31
21	21	538	399	516	1610	629	358	115	282	44	37	26
22	21	322	371	453	2840	502	331	107	510	45	33	23
23	21	5950	3630	380	3070	443	302	112	732	45	31	22
24	581	22200	4520	349	1000	1440	268	509	4580	98	30	22
25	1750	10800	1230	872	687	836	256	1150	825	65	29	22
26	179	10000	768	1010	4020	485	259	2820	765	49	29	23
27	87	2370	587	454	16400	432	221	360	259	44	41	23
28	62	975	490	410	22900	386	208	195	170	41	106	23
29	52	676	444	371	---	353	191	145	132	40	34	22
30	47	622	418	355	---	501	184	177	114	39	30	21
31	42	---	383	296	---	751	---	201	---	39	29	---
TOTAL	3378	105074	87245	16670	65634	45421	27354	9675	16454	3956	1917	1295
MEAN	109	3502	2814	538	2344	1465	912	312	548	128	61.8	43.2
MAX	1750	24100	28900	3560	22900	17000	12900	2820	4580	764	382	287
MIN	20	37	303	233	207	353	184	107	62	39	29	21
CFSM	.21	6.66	5.35	1.02	4.46	2.79	1.73	.59	1.04	.24	.12	.08
IN.	.24	7.43	6.17	1.18	4.64	3.21	1.93	.68	1.16	.28	.14	.09

CAL YR 1986	TOTAL	317674	MEAN	870	MAX	28900	MIN 20	CFSM 1.65	IN 22.47
WTR YR 1987	TOTAL	384073	MEAN	1052	MAX	28900	MIN 20	CFSM 2.00	IN 27.16

YAZOO RIVER BASIN

07274000 YOCONA RIVER NEAR OXFORD, MS

LOCATION.--Lat 34°16'23", long 89°31'11", in SE¼NW¼ sec.28, T.9 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, near left bank on downstream end of pier cap of bridge on State Highway 7, 1.5 mi downstream from Burney Branch, 6 mi south of Oxford, and at mile 42.3.

DRAINAGE AREA.--262 mi².

PERIOD OF RECORD.--October 1951 to current year in reports of Geological Survey. May 1946 to September 1951 in reports of U. S. Army Corps of Engineers, Vicksburg district.

REVISED RECORDS.--WDR MS-84-1:1978.

GAGE.--Water-stage recorder. Datum of gage is 267.20 ft above National Geodetic Vertical Datum of 1929. Prior to Jan. 1, 1972, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Nov. 9 to Dec 12, Jan. 1-22, Feb. 2-24, Feb. 27 to March 25, June 21 to July 9. Records fair except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--41 years, 391 ft³/s, 20.27 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 44,100 ft³/s, Mar. 21, 1955, gage height, 28.72 ft, present datum, from rating curve extended above 22,000 ft³/s; minimum, 4.4 ft³/s, Sept. 14, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Feb. 28	1600	*6,500	a *24.00				

^aObserved

Minimum discharge, 4.6 ft³/s, Aug. 26; gage height, 1.82 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	15	440	180	171	4000	290	72	63	28	10	6.2
2	11	14	320	175	400	2200	250	87	60	35	9.4	5.7
3	9.6	13	280	170	300	1100	237	141	57	48	13	5.8
4	8.8	14	240	165	250	700	202	129	45	44	10	5.9
5	8.5	31	215	160	200	500	196	100	39	33	39	6.1
6	8.8	21	200	155	205	485	176	92	34	42	14	5.8
7	9.8	311	800	145	180	380	163	88	31	70	9.7	6.3
8	9.9	2080	6000	140	170	370	147	72	27	47	16	7.0
9	9.9	3600	5000	150	145	325	139	61	24	33	13	7.4
10	10	1000	2900	160	110	200	136	54	29	57	13	7.8
11	9.2	500	1300	145	90	200	145	60	30	42	96	30
12	18	225	1080	130	85	180	151	103	24	39	44	24
13	19	170	860	115	85	160	307	66	26	22	15	14
14	14	140	635	115	160	140	1860	63	21	19	10	13
15	13	120	454	110	400	95	1290	57	22	17	8.5	22
16	13	105	367	110	1000	90	1010	71	67	15	7.0	59
17	12	100	317	280	500	100	663	70	106	13	6.3	33
18	12	100	294	700	310	2000	445	59	58	12	13	17
19	11	150	269	680	270	1200	347	51	36	10	41	17
20	11	250	263	420	300	600	271	46	35	9.8	69	16
21	11	145	261	300	750	425	228	42	16	11	15	15
22	11	375	260	225	1700	320	190	44	28	14	10	13
23	11	3000	991	325	1100	345	162	143	100	12	9.2	13
24	389	4100	1110	280	837	410	141	79	180	26	6.7	13
25	351	2900	834	407	642	559	126	57	78	16	5.6	13
26	110	1800	587	583	1160	426	115	217	54	30	5.1	11
27	41	600	379	415	5000	325	111	237	40	14	5.2	11
28	25	420	297	304	6000	287	99	118	30	10	5.3	11
29	22	420	272	261	---	252	92	76	23	8.3	5.6	11
30	19	460	240	228	---	260	81	71	24	8.1	13	11
31	17	---	228	200	---	292	---	80	---	7.0	8.0	---
TOTAL	1235.5	23179	27693	7933	22520	18926	9770	2706	1407	792.2	545.6	431.0
MEAN	39.9	773	893	256	804	611	326	87.3	46.9	25.6	17.6	14.4
MAX	389	4100	6000	700	6000	4000	1860	237	180	70	96	59
MIN	8.5	13	200	110	85	90	81	42	16	7.0	5.1	5.7
CFSM	.15	2.95	3.41	.98	3.07	2.33	1.24	.33	.18	.10	.07	.06
IN.	.18	3.29	3.93	1.13	3.20	2.69	1.39	.38	.20	.11	.08	.06

CAL YR 1986	TOTAL	105670.5	MEAN	290	MAX	6000	MIN	8.5	CFSM	1.11	IN	15.00
WTR YR 1987	TOTAL	117138.3	MEAN	321	MAX	6000	MIN	5.1	CFSM	1.23	IN	16.63

07280340 SOUTH FORK TILLATOBA CREEK NEAR CHARLESTON, MS

LOCATION.--Lat 33°58'42", long 89°58'45", in NE1 sec.4, T.24 N., R.3 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on left bank, 80 ft downstream from left end of bridge on county road, 1.9 mi south of intersection of county road and Mississippi Highway 32, 4.8 mi west of Tillatoba and 4.8 mi east-southeast of Charleston.

DRAINAGE AREA.--53.9 mi².

PERIOD OF RECORD.--July 1975 to September 1987 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 189.37 ft above National Geodetic Vertical Datum of 1929.

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

AVERAGE DISCHARGE.--12 years, 86.0 ft³/s, 21.67 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,900 ft³/s, Dec. 26, 1982, gage height, 23.96 ft; minimum daily, 1.4 ft³/s, Sept. 25, 26, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 7	1715	1,800	9.33	Jan. 18	1415	1,780	9.29
Nov. 9	0230	2,240	10.44	Feb. 26	2315	1,500	8.55
Nov. 23	1645	*4,990	*17.34	Feb. 28	1330	2,230	10.40
Nov. 25	1800	1,870	9.51	Mar. 18	0345	4,740	16.72
Dec. 9	1245	1,600	8.82	July 3	0845	1,800	9.35

Minimum daily discharge, 2.3 ft³/s, Sept. 4-6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	4.1	52	23	34	367	29	7.6	19	55	4.0	2.9
2	3.7	4.5	35	22	319	212	25	47	17	32	3.9	2.6
3	3.1	4.6	25	21	111	122	28	36	13	737	4.7	3.7
4	2.5	8.3	19	26	66	72	24	15	11	104	4.9	2.3
5	2.6	21	16	24	54	52	21	13	9.8	40	4.6	2.3
6	2.6	12	14	23	239	38	20	14	9.2	27	5.5	2.3
7	2.7	588	14	22	244	31	19	22	8.7	54	4.5	3.0
8	4.3	795	129	23	107	69	17	30	8.5	21	3.7	4.4
9	6.2	1140	895	28	65	80	16	12	8.3	16	3.5	3.3
10	4.4	127	266	37	47	41	16	9.7	8.0	15	3.3	4.6
11	3.7	51	106	29	43	32	20	18	7.9	12	4.3	4.0
12	71	31	63	27	39	28	17	43	8.1	9.8	5.5	28
13	23	18	42	26	35	26	27	18	10	9.9	3.9	33
14	7.8	13	32	26	34	25	352	15	8.8	8.7	3.6	9.9
15	6.8	11	29	27	277	23	71	19	8.6	6.8	3.4	6.0
16	5.8	10	26	27	301	22	38	14	8.1	6.3	3.3	4.0
17	3.9	9.0	25	27	102	537	27	11	123	5.9	3.2	3.7
18	3.8	8.3	23	898	67	2220	22	108	47	5.7	5.0	3.3
19	3.6	8.3	22	353	51	369	19	117	33	5.5	5.9	3.8
20	3.8	175	20	124	205	235	17	43	27	5.2	3.7	4.1
21	5.1	35	18	75	189	155	15	17	37	4.8	3.6	3.7
22	4.8	17	16	51	168	113	14	26	41	5.1	3.5	4.2
23	4.5	2640	226	36	130	81	12	395	42	6.4	3.4	3.2
24	370	1360	130	32	76	92	12	162	80	6.5	2.8	3.3
25	125	883	63	172	60	47	11	159	166	4.8	4.1	2.9
26	16	478	46	97	568	33	9.6	363	45	4.8	2.9	2.6
27	8.4	226	35	55	656	28	9.1	88	29	6.6	2.6	2.5
28	7.2	175	30	46	1560	25	8.3	43	23	5.3	2.5	2.6
29	5.3	137	28	40	---	22	7.5	36	21	5.7	2.5	3.5
30	4.4	94	26	36	---	43	7.5	27	25	35	2.6	2.6
31	4.8	---	24	30	---	42	---	22	---	5.9	2.8	---
TOTAL	724.7	9084.1	2495	2483	5847	5282	931.0	1950.3	903.0	1267.7	117.7	162.3
MEAN	23.4	303	80.5	80.1	209	170	31.0	62.9	30.1	40.9	3.80	5.41
MAX	370	2640	895	898	1560	2220	352	395	166	737	5.9	33
MIN	2.5	4.1	14	21	34	22	7.5	7.6	7.9	4.8	2.5	2.3
CFSM	.43	5.62	1.49	1.49	3.88	3.15	.58	1.17	.56	.76	.07	.10
IN.	.50	6.27	1.72	1.71	4.04	3.65	.64	1.35	.62	.87	.08	.11

CAL YR 1986 TOTAL 25000.4 MEAN 68.5 MAX 2640 MIN 1.9 CFSM 1.27 IN 17.25
WTR YR 1987 TOTAL 31247.8 MEAN 85.6 MAX 2640 MIN 2.3 CFSM 1.59 IN 21.57

YAZOO RIVER BASIN

07282000 YALOBUSHA RIVER AT CALHOUN CITY, MS

LOCATION.--Lat 33°50'20", long 89°18'55", in SE1SE1 sec.23, T.23 N., R.9 E., Choctaw Meridian, Calhoun County, Hydrologic Unit 08030205, at downstream side of bridge on State Highway 9, 0.8 mi upstream from Topashaw Creek, 1.2 mi south of Calhoun City, 1.5 mi upstream from old channel, and 4.8 mi upstream from Topashaw Creek Canal. Records include flow in Topashaw Creek Canal and all supplemental channels.

DRAINAGE AREA.--305 mi², combined drainage area of all channels.

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

REVISED RECORDS.--WRD Miss. 1970: 1969(M). WDR MS-78-1: 1977(P).

GAGE.--Water-stage recorder. Datum of gage is 226.06 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Jan. 1, 1972, datum of gage was 10.00 ft higher. Prior to Nov. 15, 1950, nonrecording gage at site 75 ft downstream at same datum. Water-stage recorder on Topashaw Creek canal, 2.5 mi southwest of base gage. Prior to Aug. 16, 1963, nonrecording gage and crest-stage gage on Topashaw Creek Canal.

REMARKS.--Estimated daily discharges: Oct. 1, 2, Jan. 4-27, Apr. 26 to May 2, May 8-10, May 16-22, May 29, 30, June 2, 3, June 26 to July 21. Records fair. Discharge computed by combining the flow of individually rated Yalobusha River and Topashaw Creek Canal. Channel rectification of both Yalobusha River and Topashaw Creek was completed in 1967. U. S. Army Corps of Engineers satellite telemeter at station.

AVERAGE DISCHARGE.--37 years, 409 ft³/s, 18.21 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,100 ft³/s, Dec. 26, 1982, gage height, 25.75 ft; no flow at times.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0830	11,990	19.24	Feb. 27	0245	*15,870	21.03
Nov. 24	0330	12,540	*21.57	Feb. 28	1015	12,420	20.38
Feb. 22	1415	12,260	19.63				

Minimum daily discharge, .01 ft³/s, Sept. 28-30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.72	8.5	200	90	82	2490	101	15	42	11	.33	.74
2	.37	7.1	200	83	266	1030	87	15	20	242	.61	.58
3	.23	6.2	167	72	323	491	98	31	11	119	2.3	.15
4	.13	6.3	141	72	160	295	100	26	7.8	39	1.2	.06
5	.38	16	124	88	115	229	91	45	6.0	16	.81	.06
6	.49	21	112	77	190	195	79	64	4.8	8.0	.62	.04
7	.60	311	106	66	911	171	71	28	5.0	8.0	31	.04
8	.80	1060	176	59	380	1510	69	21	4.0	7.2	6.1	3.2
9	2.3	5860	978	58	168	1470	62	18	3.1	5.2	2.5	7.8
10	2.3	1400	1380	123	119	618	56	16	2.9	6.3	1.6	.98
11	2.5	585	767	111	103	282	54	49	3.1	5.1	1.2	2.3
12	26	308	401	82	91	202	52	133	2.9	3.6	2.6	1.9
13	84	187	243	65	82	170	127	35	4.2	2.7	1.9	1.9
14	30	137	171	62	79	153	682	23	5.2	2.1	1.4	4.0
15	11	121	171	68	490	134	238	30	6.8	1.6	1.2	2.1
16	5.7	111	166	73	1820	121	108	20	16	1.4	1.0	1.2
17	3.9	102	161	67	958	116	79	16	131	1.5	.76	.64
18	3.1	93	173	3470	369	2780	59	14	366	1.3	1.6	.49
19	2.6	84	158	3330	191	1060	48	12	141	1.0	6.7	1.4
20	2.4	577	132	1160	209	441	44	11	48	.92	3.5	2.4
21	1.9	538	112	454	739	248	41	11	24	.80	1.8	1.8
22	1.8	208	97	230	5860	175	46	35	30	.79	1.1	1.1
23	1.9	4270	1020	146	2390	143	41	33	30	.92	.75	.64
24	771	11300	1700	116	1060	378	31	131	57	1.3	.50	.42
25	1420	4750	944	245	474	380	26	241	64	.94	.19	.23
26	313	3540	417	432	3680	172	24	573	67	.82	.17	.15
27	72	1150	242	204	9360	126	22	181	27	.60	.82	.02
28	36	514	167	145	8720	107	20	50	9.8	.42	3.0	.01
29	21	289	131	126	---	99	18	28	5.2	.36	1.6	.01
30	15	217	120	113	---	104	17	21	4.6	.37	.75	.01
31	11	---	98	92	---	131	---	122	---	.34	.68	---
TOTAL	2844.12	37777.1	11175	11579	39389	16021	2591	2048	1149.4	490.58	80.29	36.37
MEAN	91.7	1259	360	374	1407	517	86.4	66.1	38.3	15.8	2.59	1.21
MAX	1420	11300	1700	3470	9360	2780	682	573	366	242	31	7.8
MIN	.13	6.2	97	58	79	99	17	11	2.9	.34	.17	.01
CFSM	.30	4.13	1.18	1.23	4.61	1.70	.28	.22	.13	.05	.008	.004
IN.	.35	4.61	1.36	1.41	4.80	1.95	.32	.25	.14	.06	.01	.00
CAL YR 1986	TOTAL	75143.02	MEAN	206	MAX	11300	MIN	.13	CFSM	.68	IN	9.16
WTR YR 1987	TOTAL	125180.86	MEAN	343	MAX	11300	MIN	.01	CFSM	1.13	IN	15.27

07283000 SKUNA RIVER AT BRUCE, MS

LOCATION.--Lat 33°58'25", long 89°20'50", in SW¼SW¼ sec.6, T.13 S., R.1 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, on left (revised) bank on downstream side of bridge on State Highway 9, 1.0 mi south of Bruce.

DRAINAGE AREA.--254 mi².

PERIOD OF RECORD.--October 1947 to current year. Prior to March 1948 monthly discharge only, published in WSP 1311.

REVISED RECORDS.--WSP 1920: 1958(P), 1959-60(M).

GAGE.--Water-stage recorder. Datum of gage is 228.45 ft (revised) above National Geodetic Vertical Datum of 1929 (levels U. S. Army Corps of Engineers). Prior to Jan. 1, 1972, at datum 10.30 ft higher. October 1947 to Aug. 30, 1948, nonrecording gage; Aug. 31, 1948 to Mar. 23, 1955, water-stage recorder; and Mar. 24, 1955 to Sept. 12, 1958, nonrecording gage at same site.

REMARKS.--Estimated daily discharges: Nov. 18 to Dec. 18 and May 3 to June 2. Records fair except for estimated daily discharges, which are poor. U. S. Army Corps of Engineers satellite telemeter at station.

AVERAGE DISCHARGE.--40 years, 364 ft³/s, 19.46 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61,400 ft³/s, Mar. 21, 1955, gage height, 34.11 ft present datum, from rating curve extended above 19,000 ft³/s on basis of incomplete current-meter measurement and computation of flow over the road and through bridge openings; minimum, 0.9 ft³/s, Aug. 18, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 9	0745	9,010	17.54	Mar. 18	0745	5,580	15.11
Jan. 18	1845	10,400	18.34	Apr. 14	0130	6,180	15.59
Feb. 28	1330	*14,800	*20.69				

Minimum daily discharge, 2.2 ft³/s, Sept. 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	9.1	39	63	75	1290	89	18	21	52	8.0	3.9
2	4.5	7.6	34	58	399	428	74	86	19	42	11	2.6
3	4.6	6.8	30	52	296	276	77	88	17	72	8.8	2.3
4	4.9	8.4	27	52	163	206	74	54	38	57	7.5	2.2
5	4.9	17	24	50	116	170	64	37	22	26	7.3	2.4
6	5.0	18	22	46	172	137	56	28	14	19	7.2	2.4
7	4.7	65	20	43	431	114	52	33	16	406	7.3	2.7
8	4.6	1120	19	40	200	136	50	26	10	94	6.6	2.5
9	12	4560	2200	47	121	216	45	22	9.5	40	6.1	2.4
10	11	375	1500	107	91	137	42	21	8.8	59	5.7	6.5
11	8.4	207	540	78	81	105	54	27	8.3	32	5.8	101
12	82	225	350	55	75	91	45	29	9.5	26	6.5	25
13	167	103	270	47	66	80	1010	21	17	18	8.6	13
14	38	64	210	46	62	74	3490	18	23	14	11	9.1
15	18	52	175	47	421	89	381	86	20	12	8.1	6.9
16	12	48	150	48	1460	70	192	51	90	11	6.4	9.5
17	10	46	140	46	384	69	134	35	116	10	6.3	6.8
18	8.5	36	129	4630	205	2880	102	25	65	9.6	20	6.0
19	7.4	28	126	3080	138	486	82	19	68	9.2	306	6.1
20	6.4	30	103	426	237	227	65	15	67	8.2	36	6.3
21	6.0	27	84	247	591	159	57	12	43	7.2	15	5.7
22	5.9	24	74	190	1090	132	49	11	24	7.2	9.3	4.9
23	6.0	560	1780	146	1000	100	44	11	24	7.8	6.8	4.6
24	336	400	1340	127	317	476	39	270	96	7.7	5.2	4.3
25	669	175	348	502	205	254	33	300	153	7.7	4.3	4.1
26	76	118	203	494	904	126	30	500	486	7.1	3.9	3.9
27	31	86	145	198	1770	99	29	120	83	6.7	4.7	3.8
28	22	67	114	151	4670	82	29	45	33	7.2	5.5	3.9
29	17	55	93	123	---	71	21	23	22	7.0	6.2	5.2
30	12	46	81	107	---	86	20	16	19	6.7	4.6	4.7
31	10	---	69	84	---	127	---	31	---	7.6	4.2	---
TOTAL	1609.5	8583.9	10439	11430	15740	8993	6529	2078	1642.1	1096.9	559.9	264.7
MEAN	51.9	286	337	369	562	290	218	67.0	54.7	35.4	18.1	8.82
MAX	669	4560	2200	4630	4670	2880	3490	500	486	406	306	101
MIN	4.5	6.8	19	40	62	69	20	11	8.3	6.7	3.9	2.2
CFSM	.20	1.13	1.33	1.45	2.21	1.14	.86	.26	.22	.14	.07	.04
IN.	.24	1.26	1.53	1.67	2.31	1.32	.96	.30	.24	.16	.08	.04

CAL YR 1986 TOTAL 70352.1 MEAN 193 MAX 15700 MIN 3.6 CFSM .76 IN 10.30
WTR YR 1987 TOTAL 68966.0 MEAN 189 MAX 4670 MIN 2.2 CFSM .74 IN 10.10

YAZOO RIVER BASIN

07288800 YAZOO RIVER AT REDWOOD, MS
(National stream-quality accounting network station)

LOCATION.--Lat 32°29'14", long 90°49'02", on line between secs.1 and 4, T.17 N., R.4 E., Washington Meridian, Warren County, Hydrologic Unit 08030208, at downstream side of Illinois Central Gulf Railroad bridge, 0.6 mi downstream from U.S. Highway 61, 1.0 mi northwest of Redwood, and at mile 16.7.

DRAINAGE AREA.--12,603 mi².

PERIOD OF RECORD.--Water years 1961-62, 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to September 1981.

WATER TEMPERATURE: October 1978 to September 1981.

REMARKS.--Prior to October 2, 1980, daily values of specific conductance listed as 30 microsiemens represent 30 microsiemens or less due to instrument limitations.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
NOV 19...	1100	19100	82	7.40	12.5	91	8.0	75	860	--
JAN 28...	1300	22800	70	6.80	6.0	99	11.5	91	230	470
APR 22...	1030	6300	178	7.50	24.0	76	7.1	84	5700	2700
JUN 11...	1300	<1000	143	7.50	29.0	120	6.0	77	K7000	1500
AUG 13...	1200	3440	300	7.60	30.5	52	5.0	66	920	440
SEP 16...	1100	5080	156	7.30	27.5	41	6.8	86	2700	1200

DATE	HARD- NESS (MG/L AS CACO3)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CACO3	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)
NOV 19...	29	1	7.4	2.6	4.0	20	0.3	4.1	35
JAN 28...	32	9	8.3	2.6	4.0	20	0.3	2.5	24
APR 22...	63	13	16	5.6	8.7	22	0.5	2.5	61
JUN 11...	50	0	13	4.3	6.9	22	0.4	3.1	67
AUG 13...	130	0	32	11	13	18	0.5	3.4	158
SEP 16...	58	0	15	4.9	8.4	23	0.5	2.3	72

07288800 YAZOO RIVER AT REDWOOD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	ALKA- LITY WH WAT TOTAL FIELD MG/L AS CACO3	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
NOV 19...	28	13	3.8	0.10	7.1	62	60	0.08	3200
JAN 28...	23	12	3.7	<0.10	6.9	59	52	0.08	3630
APR 22...	50	18	7.7	0.10	6.5	104	96	0.14	1770
JUN 11...	55	6.2	5.3	0.10	8.9	97	81	0.13	--
AUG 13...	129	12	7.0	0.20	13	163	170	0.22	1510
SEP 16...	59	10	--	0.20	7.5	88	--	--	--

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 19...	0.300	0.060	1.4	0.170	0.040	0.040	74	3820	96
JAN 28...	0.240	0.070	0.80	0.200	0.030	0.020	155	9540	100
APR 22...	0.560	0.050	1.0	0.150	0.070	0.040	96	1630	97
JUN 11...	0.780	0.040	1.6	0.080	0.080	0.040	98	--	100
AUG 13...	0.330	0.040	1.0	0.230	0.070	0.050	99	920	100
SEP 16...	0.210	0.030	0.80	0.070	0.040	0.030	62	850	100

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
JAN 28...	80	1	87	<0.5	2	3	<3	9	160	14
APR 22...	40	2	51	<0.5	1	3	<3	2	37	8
AUG 13...	440	3	120	<0.5	<1	1	<3	3	870	<5
SEP 16...	20	<1	53	<0.5	<1	<1	<3	2	6	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
JAN 28...	<4	71	<0.1	<10	2	<1	<1	55	<6	50
APR 22...	<4	1	<0.1	<10	<1	<1	<1	84	<6	14
AUG 13...	5	170	<0.1	<10	2	<1	<1	150	<6	4
SEP 16...	<4	13	0.3	<10	1	<1	<1	84	<6	20

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS
(National stream-quality accounting network station)

LOCATION.--Lat 32°18'45", long 90°54'25", in sec.32, T.16 N., R.3 E., Washington Meridian, Warren County, Hydrologic Unit 08060100, on left bank at downstream side of Interstate 20 bridge, and at mile 435.3.

DRAINAGE AREA.--1,140,500 mi², approximately. The 4,000 mi², approximately, in the Great Divide basin in Southern Wyoming is not included.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Discharge: January 1928 to September 1986. Prior to July 1931, monthly discharge only, published in WSP 1311.

Gage heights: April 1930 to September 1977 in reports of Geological Survey. Since December 1871, referred to canal gages (above 30.0 ft or 9.14 m only, since December 1949), September 1934 to December 1964, referred to bridge gage, in reports of Mississippi River Commission. January 1937 to December 1967, referred to bridge gage; January 1968 to December 1976, referred to gage 1.1 mi upstream and since January 1977 referred to gage at mile 435.3 (corrected), in reports of U. S. Army Corps of Engineers. Since May 1873, in reports of National Weather Service.

Extremes of stage, intermittently 1828 to 1871, and since 1871; extremes of discharge for various years 1858 to 1926 and since 1926; annual mean discharges since 1871; and records of daily discharge 1928 to 1964 are available in reports of Mississippi River Commission. Since January 1947 daily discharge in reports of U. S. Army Corps of Engineers. Prior to October 1968, published as Mississippi River near Vicksburg.

REVISED RECORDS.--WRD Miss. 1975: Drainage area.

GAGE.--Water-stage recorder operated by the U. S. Army Corps of Engineers. Datum of gage is 46.22 ft above National Geodetic Vertical Datum of 1929 (U. S. Army Corps of Engineers bench mark) or 46.16 ft above mean gulf level. The U.S. Geological Survey operated a water-stage recorder over the cavity in the fourth pier from left bank at combined highway and railway bridge of Vicksburg Bridge Commission of Warren County, at southern city limits of Vicksburg, 1.5 mi downstream from Yazoo diversion canal, and at mile 435.7 (corrected); operated until January, 1977. Gages used by Mississippi River Commission: Dec. 10, 1871 to Sept. 30, 1929, nonrecording gage at mouth of Yazoo diversion canal, 1.5 mi upstream from bridge gage; since Sept. 30, 1929, nonrecording gage at mouth of Yazoo diversion canal, 1.5 mi upstream from bridge gage; since October 1929, nonrecording gage on Yazoo diversion canal, 1,600 ft upstream from mouth. Gages used by National Weather Service; May 18, 1873 to Oct. 29, 1919, nonrecording gage 0.5 mi upstream from bridge gage; Oct. 30, 1919 to Nov. 30, 1922, nonrecording gage at mouth of Yazoo Canal; Dec. 1, 1922 to Aug. 31, 1934, nonrecording gage on Yazoo diversion canal; Sept. 1, 1934 to Dec. 31, 1962, nonrecording gage at bridge; Jan. 1, 1963 to Dec. 31, 1967, water-stage recorder on left bank near downstream side of bridge, Jan. 1, 1968 to Dec. 31, 1976, on left bank at site 1.1 mi upstream, and since Jan. 1, 1977, on left bank at downstream side of Interstate 20 bridge. All gages at same datum, but readings differ due to slope of water surface between them.

REMARKS.--Natural flow of stream affected by many reservoirs and navigation dams. U. S. Army Corps of Engineers satellite telemeter at station.

COOPERATION.--Records of gage-height and daily discharge furnished by U. S. Army Corps of Engineers.

AVERAGE DISCHARGE.--58 years, 584,000 ft³/s, 423,381,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,080,000 ft³/s, Feb. 17, 1937; maximum gage height, 53.2 ft Feb. 21, 1937; minimum discharge, 99,400 ft³/s, Nov. 1, 1939; minimum gage height, -7.02 ft, Feb. 3, 1940 (ice jam above).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1871, 58.4 ft U. S. Army Corps of Engineers gage on Yazoo diversion canal; approximately 56.0 ft, May 4, 1927 (U. S. Geological Survey gage).

Note.--Records for the Water Year 1987 will be published in a subsequent report.

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1962, 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1975 to current year.

WATER TEMPERATURE: October 1973 to current year.

INSTRUMENTATION.--Specific conductance-temperature recorder since October 1973.

REMARKS.--Interruptions in the record were due to malfunctions of the instrument.

COOPERATION.--Discharge measurements were furnished by Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (water years 1980-81, 1984 to current year): Maximum, 595 microsiemens Aug. 10, 1986; minimum, 207 microsiemens Nov. 19, 1983. Minimum recorded (water years 1975-79, 1982-83), 200 microsiemens Dec. 17, 19, 20, 1977, Dec. 21, 1982.

WATER TEMPERATURE (water years 1977, 1981-82, 1984 to current year): Maximum, 32.5°C Aug. 4, 1982, Aug. 7-9, 1987; minimum, 0.0°C Jan. 15-27, Feb. 1, 2, 1977.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 557 microsiemens June 7; minimum, 308 microsiemens Oct. 16, 17.

WATER TEMPERATURE: Maximum, 32.5°C Aug. 7-9; minimum recorded, 4.5°C Jan. 27, 28, but may have been lower during instrument malfunction Jan. 29-Feb. 5.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW- INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED SATUR- ATION	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
NOV 19...	1400	886000	414	8.20	12.0	74	9.3	86	1500	1200
JAN 28...	1500	591000	439	8.40	5.0	27	12.0	92	K100	K81
APR 22...	1400	948000	430	8.00	15.0	78	8.1	81	1200	510
AUG 13...	1530	274000	460	8.20	28.5	27	6.9	89	K6500	3200

DATE	HARD- NESS TOTAL (MG/L AS CACO3)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CACO3	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)
NOV 19...	150	45	41	12	18	20	0.7	3.7	131
JAN 28...	170	54	45	14	25	24	0.9	2.6	142
APR 22...	170	61	45	13	21	21	0.7	3.0	129
AUG 13...	190	39	52	15	20	18	0.7	3.2	187

DATE	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
NOV 19...	108	55	19	0.20	8.0	226	228	0.31	541000
JAN 28...	113	58	34	0.10	7.4	264	263	0.36	421000
APR 22...	106	64	25	0.20	6.9	248	249	0.34	635000
AUG 13...	154	54	18	0.20	5.2	263	264	0.36	195000

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHOROUS TOTAL (MG/L AS P)	PHOS- PHOROUS DIS- SOLVED (MG/L AS P)	PHOS- PHOROUS ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
NOV 19...	1.40	<0.010	1.2	0.230	0.080	0.070	291	696000	67
JAN 28...	1.40	0.050	0.70	0.140	0.050	0.040	--	--	--
APR 22...	1.60	0.020	1.0	0.090	0.050	0.040	--	--	--
AUG 13...	0.830	0.120	1.2	0.210	0.080	0.060	250	185000	98

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
NOV 19...	50	2	76	<0.5	1	<1	<3	4	33	<5
JAN 28...	40	2	62	<0.5	1	<1	<3	1	10	<5
APR 22...	30	1	71	<0.5	2	<1	<3	<1	21	<5
AUG 13...	30	2	87	<0.5	<1	<1	<3	2	7	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 19...	10	7	<0.1	<10	3	<1	<1	180	<6	6
JAN 28...	12	6	0.1	<10	1	<1	<1	200	<6	30
APR 22...	5	2	0.9	<10	3	<1	<1	210	<6	49
AUG 13...	10	350	0.3	<10	3	1	<1	240	<6	14

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	482	460	472	396	388	392	413	390	401	407	393	405
2	482	460	473	402	397	399	419	410	415	406	393	404
3	468	447	457	409	400	404	418	410	415	404	390	397
4	447	440	443	417	400	409	410	391	404	398	397	398
5	440	420	427	423	408	418	397	390	395	398	397	397
6	440	421	429	425	419	422	392	388	389	399	397	398
7	458	440	453	420	401	409	388	387	387	399	390	398
8	448	380	414	409	401	405	388	386	387	399	390	398
9	382	350	363	405	399	402	395	388	390	407	390	398
10	356	320	343	402	398	400	399	390	394	415	407	411
11	343	320	328	405	401	404	399	390	393	419	410	414
12	363	345	358	406	403	405	398	389	392	429	413	422
13	363	350	356	407	404	405	389	377	384	435	429	431
14	348	322	338	407	404	405	375	358	367	438	430	436
15	328	309	322	414	405	410	364	352	354	442	438	439
16	309	308	309	421	406	416	370	353	364	445	442	443
17	322	308	317	420	406	410	375	370	371	446	444	445
18	325	320	322	409	406	408	377	370	374	455	446	449
19	329	320	325	414	407	410	375	353	367	470	450	461
20	335	321	328	412	407	410	359	347	352	472	420	451
21	340	328	335	408	404	406	347	339	342	469	429	457
22	348	340	343	406	404	405	339	332	337	470	458	465
23	360	351	354	410	406	408	335	332	334	478	470	474
24	367	360	364	409	407	408	341	332	337	490	478	485
25	368	360	363	410	408	410	347	340	344	499	490	493
26	362	358	359	415	410	413	357	348	352	504	492	495
27	360	358	358	419	413	416	367	350	359	498	478	489
28	363	358	360	420	418	419	372	358	366	478	458	471
29	369	360	364	421	412	414	380	370	376	---	---	---
30	377	361	370	415	413	414	392	380	386	---	---	---
31	388	380	383	---	---	---	403	390	394	---	---	---
MONTH	482	308	372	425	388	409	419	332	375	504	390	437
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	440	430	435	418	400	406	---	---	---
2	---	---	---	430	400	418	411	393	402	---	---	---
3	---	---	---	402	370	384	397	390	393	---	---	---
4	---	---	---	370	357	360	394	390	393	375	368	371
5	---	---	---	368	359	365	409	393	408	388	375	380
6	408	398	407	367	354	362	429	410	420	388	380	383
7	415	407	410	354	350	352	437	419	429	389	380	384
8	417	410	414	346	338	341	429	412	418	385	380	383
9	415	414	415	338	328	334	418	409	412	382	378	379
10	428	418	423	328	322	326	410	400	407	388	378	382
11	433	429	432	337	327	333	411	388	395	402	380	394
12	431	427	429	342	337	340	415	389	400	408	400	404
13	425	422	424	342	336	338	409	402	406	430	400	416
14	421	420	421	335	333	334	405	400	404	438	430	435
15	423	421	422	340	335	337	413	402	406	448	438	442
16	425	423	424	343	340	341	419	412	416	457	440	450
17	425	422	424	348	340	344	419	413	416	457	448	454
18	437	422	430	354	347	349	417	413	415	457	443	453
19	449	437	445	356	354	355	423	418	421	448	440	444
20	458	450	453	358	356	357	425	420	422	445	440	442
21	467	459	463	363	358	360	422	389	416	447	440	444
22	467	459	464	368	360	365	409	370	390	449	440	444
23	458	452	453	368	360	365	370	341	356	460	442	454
24	456	453	455	360	348	355	349	340	344	465	460	462
25	460	456	457	362	355	358	---	---	---	470	462	468
26	461	450	455	368	362	363	---	---	---	474	460	466
27	458	450	453	380	368	373	---	---	---	488	474	481
28	458	450	453	392	378	386	---	---	---	505	483	498
29	---	---	---	415	392	405	---	---	---	505	482	497
30	---	---	---	434	417	430	---	---	---	488	480	484
31	---	---	---	436	418	432	---	---	---	488	480	483
MONTH	467	398	436	440	322	364	437	340	404	505	368	435

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	495	480	488	491	480	487	442	427	436	---	---	---
2	498	495	496	484	481	482	452	442	449	---	---	---
3	509	497	503	495	483	488	465	451	456	---	---	---
4	518	509	513	511	497	505	493	466	481	---	---	---
5	533	518	524	521	511	516	506	493	502	---	---	---
6	556	534	546	523	521	522	504	486	493	---	---	---
7	557	531	546	524	520	522	498	488	493	---	---	---
8	530	522	524	523	512	519	488	473	480	481	473	476
9	543	527	536	511	499	504	478	472	475	509	483	499
10	544	532	540	502	499	500	480	475	478	523	515	518
11	531	500	516	504	501	503	475	455	465	505	484	493
12	499	474	486	508	501	504	484	468	477	483	448	467
13	474	463	470	511	507	509	486	470	480	447	443	444
14	466	463	464	507	495	502	480	470	474	443	430	438
15	471	465	468	494	479	486	494	479	488	429	419	423
16	478	471	475	478	475	477	497	483	492	442	440	440
17	487	479	482	475	463	469	483	479	480	454	430	449
18	494	487	491	463	460	461	498	473	488	455	443	449
19	498	494	496	463	458	461	510	494	500	459	451	454
20	512	499	506	480	464	471	510	509	509	466	463	464
21	514	506	511	490	482	487	507	480	492	491	461	474
22	506	494	498	489	475	482	492	480	486	496	492	494
23	499	492	494	475	465	471	508	491	502	519	496	503
24	502	499	500	465	461	463	---	---	---	529	519	525
25	512	502	507	462	449	457	---	---	---	517	503	507
26	512	508	511	448	436	442	---	---	---	510	499	506
27	508	501	496	436	433	434	---	---	---	499	489	497
28	499	496	496	452	436	444	---	---	---	496	487	493
29	497	494	496	463	453	458	---	---	---	494	491	493
30	495	488	493	464	435	453	---	---	---	497	494	496
31	---	---	---	435	417	423	---	---	---	---	---	---
MONTH	557	463	502	524	417	481	---	---	---	---	---	---
YEAR	557	308	429									

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

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	8.5	8.0	8.5	13.5	13.0	13.5	---	---	---
2	---	---	---	8.5	8.0	8.5	13.5	13.0	13.5	---	---	---
3	---	---	---	9.0	8.5	8.5	13.0	12.5	13.0	---	---	---
4	---	---	---	9.0	8.5	9.0	13.0	12.5	12.5	19.5	19.0	19.5
5	---	---	---	9.0	9.0	9.0	12.5	12.5	12.5	20.0	19.5	20.0
6	6.0	6.0	6.0	9.0	9.0	9.0	12.5	12.5	12.5	20.5	20.0	20.0
7	6.0	6.0	6.0	9.5	9.0	9.0	12.5	12.5	12.5	20.5	20.0	20.0
8	6.5	6.0	6.0	9.5	9.0	9.5	12.5	12.5	12.5	21.0	20.0	20.5
9	6.5	6.0	6.5	10.0	9.0	10.0	12.5	12.5	12.5	21.0	20.5	21.0
10	6.5	6.0	6.0	10.0	10.0	10.0	13.0	12.5	12.5	21.5	21.0	21.0
11	6.5	6.0	6.0	10.0	10.0	10.0	13.5	12.0	13.0	21.5	21.0	21.0
12	6.5	6.0	6.0	10.0	10.0	10.0	14.0	13.0	13.5	22.0	21.0	21.5
13	6.5	6.5	6.5	10.0	9.0	9.5	14.0	13.5	13.5	22.5	22.0	22.0
14	7.0	6.5	7.0	10.0	10.0	10.0	14.0	14.0	14.0	23.0	22.0	22.5
15	7.5	7.0	7.0	10.5	10.0	10.0	14.0	13.5	14.0	23.5	22.5	23.0
16	7.5	7.0	7.0	11.0	10.0	10.5	14.0	13.5	13.5	24.0	23.5	23.5
17	7.5	7.0	7.5	11.5	10.5	11.0	14.5	13.5	14.0	24.0	23.5	24.0
18	7.5	7.0	7.5	12.0	11.0	11.5	15.0	14.5	14.5	24.0	24.0	24.0
19	7.5	7.0	7.0	12.5	12.0	12.0	15.0	14.5	15.0	24.5	24.0	24.0
20	7.5	7.0	7.0	12.5	12.0	12.5	15.0	14.5	15.0	25.0	24.0	24.5
21	7.0	7.0	7.0	13.0	12.0	12.5	15.5	14.5	15.0	25.5	25.0	25.0
22	7.0	7.0	7.0	13.5	13.0	13.5	15.5	15.0	15.0	26.0	25.0	25.5
23	7.0	7.0	7.0	14.0	13.5	14.0	16.0	15.0	15.5	26.0	25.5	26.0
24	7.0	7.0	7.0	14.0	14.0	14.0	16.5	15.5	16.0	26.0	26.0	26.0
25	7.5	7.0	7.0	14.5	14.0	14.0	---	---	---	26.0	26.0	26.0
26	7.5	7.0	7.5	14.5	14.0	14.5	---	---	---	26.0	25.5	26.0
27	7.5	7.0	7.5	14.5	14.0	14.5	---	---	---	26.0	26.0	26.0
28	8.0	7.0	7.5	14.5	14.0	14.0	---	---	---	26.5	26.0	26.5
29	---	---	---	14.5	14.0	14.5	---	---	---	26.5	26.5	26.5
30	---	---	---	14.5	13.5	14.0	---	---	---	27.0	26.5	27.0
31	---	---	---	14.0	13.5	13.5	---	---	---	27.0	27.0	27.0
MONTH	8.0	6.0	7.0	14.5	8.0	11.5	16.5	12.0	13.5	27.0	19.0	23.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	27.0	27.0	27.0	29.5	29.0	29.5	31.5	31.0	31.5	---	---	---
2	27.5	27.0	27.5	29.5	29.0	29.0	32.0	31.5	31.5	---	---	---
3	27.5	27.0	27.5	29.5	29.0	29.0	32.0	31.5	32.0	---	---	---
4	27.5	27.5	27.5	29.5	29.0	29.0	32.0	32.0	32.0	---	---	---

07289350 BIG BLACK RIVER AT WEST, MS

LOCATION.--Lat 33°11'39", long 89°46'15", in NW¼ sec.3, T.15 N., R.5 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, near right bank on downstream side of bridge on State Highway 19, 0.2 mi east of West, 5.2 mi upstream from Jordan Creek, and 7.1 mi downstream from Zilpha Creek.

DRAINAGE AREA.--985 mi².

PERIOD OF RECORD.--September 1971 to current year. July 1936 to December 1946 and January 1947 to 1971 (gage heights and occasional discharge measurements) in reports of U. S. Army Corps of Engineers, Vicksburg district.

GAGE.--Water-stage recorder. Datum of gage is 249.74 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to June 10, 1948, nonrecording gage; and June 10, 1948, to Nov. 2, 1967, recorder at site about 2,000 ft downstream at same datum.

REMARKS.--Estimated daily discharges, Jan. 24-28 and June 1-4. Records good except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--16 years, 1,646 ft³/s, 22.69 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 71,200 ft³/s May 21, 1983, gage height, 26.08 ft; minimum, 19.0 ft³/s, Oct. 1, 2, 1986, gage height, 1.09 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 30, 1951, reached a stage of 24.09 ft; discharge, 47,000 ft³/s, at site about 2,000 ft downstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 27	0030	11,400	19.52	Mar. 1	0200	*25,200	*21.82
Jan. 21	1630	10,600	19.36				

Minimum discharge, 19.0 ft³/s, Oct 1, 2, gage height, 1.09 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	96	3470	490	682	22700	692	156	324	155	58	36
2	20	78	2160	435	769	15600	644	150	260	149	70	33
3	21	67	870	399	1030	10900	586	146	204	155	60	30
4	24	63	563	396	1120	7480	594	153	175	165	60	27
5	34	86	443	447	1060	4610	573	192	203	246	86	26
6	32	144	378	454	965	3230	524	192	291	314	67	25
7	27	342	341	424	2450	2050	474	334	226	257	53	25
8	24	1360	324	388	2970	1800	440	600	167	199	52	24
9	24	2390	368	361	2610	3210	412	541	136	183	52	25
10	44	3810	875	360	2480	3930	393	428	120	165	55	23
11	51	4020	1240	406	2440	5700	390	363	110	139	53	24
12	79	3420	1410	412	1680	6710	424	622	105	121	47	24
13	229	2990	1280	378	883	4450	419	715	116	110	44	29
14	250	1720	915	339	666	3130	820	754	151	98	44	46
15	270	548	663	326	743	1950	1040	699	244	89	49	40
16	198	329	620	347	2280	1000	1060	792	390	84	46	40
17	117	248	666	444	2730	814	889	861	366	78	44	42
18	75	214	661	2140	2580	2380	629	680	633	73	41	34
19	55	196	748	5570	3120	4040	481	425	548	68	39	47
20	42	536	727	7260	3600	3310	402	310	1100	64	41	49
21	35	871	628	10000	3150	3430	354	262	1190	61	41	38
22	31	1230	516	9490	3290	3480	315	228	1120	59	43	42
23	29	2780	841	6400	5890	2670	285	228	1000	88	42	39
24	542	3720	2010	4100	6010	1710	258	366	954	224	39	32
25	2420	5800	1940	2900	8740	1270	239	618	909	180	36	26
26	2390	8840	1890	2350	8930	1060	223	1520	873	114	33	23
27	1780	10500	2150	2050	12300	898	205	1280	663	86	31	21
28	1230	8400	2260	1990	17600	721	191	1330	387	75	29	21
29	493	6620	1610	1930	---	608	177	1500	255	68	28	20
30	211	4830	830	1430	---	571	168	1330	186	62	29	22
31	131	---	584	903	---	676	---	619	---	59	32	---
TOTAL	10928	76248	33981	65319	102768	126088	14301	18394	13406	3988	1444	933
MEAN	353	2542	1096	2107	3670	4067	477	593	447	129	46.6	31.1
MAX	2420	10500	3470	10000	17600	22700	1060	1520	1190	314	86	49
MIN	20	63	324	326	666	571	168	146	105	59	28	20
CFSM	.36	2.58	1.11	2.14	3.73	4.13	.48	.60	.45	.13	.05	.03
IN.	.41	2.88	1.28	2.47	3.88	4.76	.54	.69	.51	.15	.05	.04
CAL YR 1986	TOTAL	222161	MEAN	609	MAX	10500	MIN	20	CFSM	.62	IN	8.39
WTR YR 1987	TOTAL	467798	MEAN	1282	MAX	22700	MIN	20	CFSM	1.30	IN	17.67

07290000 BIG BLACK RIVER NEAR BOVINA, MS
(National stream-quality accounting network station)

LOCATION.--Lat 32°20'51", long 90°41'48", in NW1SE4 sec.22, T.16 N., R.5 E., Washington Meridian, Hinds County, Hydrologic Unit 08060202, on left bank at downstream side of bridge on U.S. Highway 80 (old), 300 ft upstream from Clear Creek, 0.4 mi upstream from Illinois Central and Gulf Railroad bridge, 2.3 mi east of Bovina, 10.8 mi upstream from Fourteenmile Creek, and at mile 61.7. Records include flow of Clear Creek.

DRAINAGE AREA.--2,810 mi², approximately (includes that of Clear Creek).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1936 to current year. Prior to October 1938 monthly discharge only, published in WSP 1311.

REVISED RECORDS.--WRD Miss. 1968: 1966-67. WDR MS-79-1: 1978(M).

GAGE.--Water-stage recorder and supplemental nonrecording gage read twice daily. Datum of gage is 84.93 ft above National Geodetic Vertical Datum of 1929 or 85.00 ft above mean Gulf level (levels by U. S. Army Corps of Engineers). Prior to Oct. 23, 1941, nonrecording gage at same site and datum.

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

AVERAGE DISCHARGE.--51 years, 3,752 ft³/s, 18.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 92,300 ft³/s, May. 24, 1983, gage height, 40.77 ft; minimum, 65 ft³/s, Oct. 2, 1954, gage height, 5.98 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--From information by local residents, floods at Askews Bridge, 6 mi upstream, reached elevations above NGVD of 1929 as follows: Dec. 20, 1961, 139.2 ft; in 1912 and in January 1927, 139 ft; Apr. 1, 1951, 138.5 ft. A flood in May 1930, reached about the same elevation as that of Apr. 1, 1951, at Askews Bridge.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft³/s, and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 25	1900	13,200	28.04	Mar. 18	0030	23,600	34.20
Mar. 3	2230	*38,200	*36.97	June 19	1200	15,000	29.54

Minimum discharge, 119 ft³/s, Oct. 7, 8, gage height 6.19 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	139	1260	11100	3240	8160	24800	2450	509	2150	1840	310	193
2	142	730	10900	2450	6890	31900	2300	488	2090	1310	287	180
3	137	515	10700	1880	7480	37100	2300	815	1690	986	271	175
4	131	440	10100	1600	7410	37300	2340	1110	1310	947	278	173
5	127	1650	9440	1450	7230	35700	2260	1370	1440	829	278	177
6	125	1510	8540	1350	5930	33000	2130	2180	2370	725	277	176
7	121	1020	5640	1520	6300	29400	1970	3360	1930	857	244	174
8	119	823	2410	1570	7840	27000	1780	1550	1070	1090	250	169
9	126	1700	1600	1430	8140	24000	1590	1230	744	1020	253	167
10	147	2670	1950	1400	8170	20900	1440	1770	660	1010	264	162
11	137	3110	2480	1500	7980	18500	1280	1530	616	704	287	157
12	145	3430	3300	1600	7900	16900	1150	1730	564	598	926	158
13	523	3600	3810	1680	7400	15200	1060	2330	2240	554	614	159
14	1800	3830	3650	1470	5890	13700	2750	4340	7120	544	603	191
15	1780	3960	3140	1280	5460	12200	3060	4100	9010	492	1010	180
16	1400	3890	2940	1200	9330	10500	3800	3010	10200	442	2160	162
17	853	3150	2720	1190	9740	10400	3740	2190	11500	438	983	158
18	535	1830	2510	4430	9430	18800	3020	1970	12800	392	527	193
19	393	1000	2890	8960	9170	15600	2430	1580	14200	385	425	412
20	333	722	3160	9470	8910	14900	2100	1420	12800	347	346	239
21	291	903	3130	9410	9440	15100	1750	1350	9300	340	277	198
22	253	2350	2740	9320	11200	14600	1410	1180	6680	334	249	183
23	227	6610	3670	9210	12000	13500	1130	874	4400	299	232	172
24	596	9990	5890	9270	11600	13100	932	810	3250	305	221	178
25	3510	12200	6760	9670	11400	12700	811	1730	4600	310	210	182
26	4030	13000	7120	10100	13400	11600	732	2950	5540	843	205	180
27	4900	12700	6790	9970	15700	10600	678	4100	5090	673	202	175
28	5060	12200	5750	9740	18800	8260	624	4140	3310	440	267	165
29	4330	11700	4370	9440	---	4510	572	3800	2310	386	311	157
30	2960	11300	3800	9250	---	3150	538	2830	1940	366	261	153
31	2040	---	3670	9140	---	2740	---	2220	---	336	214	---
TOTAL	37410	133793	156670	155190	258300	557660	54127	64566	142924	20142	13242	5498
MEAN	1207	4460	5054	5006	9225	17990	1804	2083	4764	650	427	183
MAX	5060	13000	11100	10100	18800	37300	3800	4340	14200	1840	2160	412
MIN	119	440	1600	1190	5460	2740	538	488	564	299	202	153
CFSM	.43	1.59	1.80	1.78	3.28	6.40	.64	.74	1.70	.23	.15	.07
IN.	.50	1.77	2.07	2.05	3.42	7.38	.72	.85	1.89	.27	.18	.07

CAL YR 1986	TOTAL	755419	MEAN	2070	MAX	13000	MIN	119	CFSM	.74	IN	10.00
WTR YR 1987	TOTAL	1599522	MEAN	4382	MAX	37300	MIN	119	CFSM	1.56	IN	21.18

BIG BLACK RIVER BASIN

07290000 BIG BLACK RIVER NEAR BOVINA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1962-63, 1972-73, 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1975 to September 1981.

WATER TEMPERATURE: July 1975 to September 1981.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 22...	1145	252	114	7.60	18.0	76	7.5	79	K1700	660
DEC 17...	0930	2730	111	7.40	10.0	66	8.3	74	K1600	--
FEB 18...	1330	9400	80	6.90	11.0	170	9.9	89	K8800	4700
APR 20...	1330	2090	124	7.30	22.0	43	7.6	100	K1700	2700
JUN 17...	1500	11700	54	7.10	25.5	230	7.9	96	K420	K38
AUG 13...	1000	517	151	7.10	27.5	110	5.8	74	460	500

DATE	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HC03)
OCT 22...	28	0	6.6	2.8	10	40	0.8	3.8	40
DEC 17...	36	5	8.1	3.7	6.7	27	0.5	3.0	37
FEB 18...	20	0	4.7	1.9	4.9	32	0.5	2.5	25
APR 20...	40	0	9.4	4.1	7.4	27	0.5	2.3	50
JUN 17...	14	0	3.6	1.2	2.7	25	0.3	3.0	18
AUG 13...	54	0	13	5.3	7.7	22	0.5	3.5	68

DATE	ALKA- LITY WH WAT TOTAL FIELD MG/L AS CAC03	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
OCT 22...	32	11	11	<0.10	10	82	75	0.11	56
DEC 17...	31	14	6.9	<0.10	12	81	74	0.11	597
FEB 18...	20	10	4.8	0.10	7.2	46	49	0.06	1170
APR 20...	41	10	7.1	0.10	9.7	88	75	0.12	497
JUN 17...	14	14	3.7	0.10	4.1	42	42	0.06	1330
AUG 13...	56	15	7.0	0.20	8.1	87	94	0.12	121

07290000 BIG BLACK RIVER NEAR BOVINA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 22...	0.390	0.070	0.50	0.110	0.110	0.060	85	58	97
DEC 17...	0.130	0.060	1.2	0.110	0.021	0.020	178	1310	100
FEB 18...	--	--	--	--	--	--	279	7080	96
APR 20...	<0.100	0.010	0.80	0.100	0.030	0.010	244	1380	97
JUN 17...	0.530	0.180	0.90	0.570	0.090	0.040	586	18500	99
AUG 13...	0.210	0.140	1.3	0.280	0.060	0.050	113	158	99

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
DEC 17...	290	<1	47	<0.5	1	<1	<3	3	440	6
FEB 18...	440	2	36	<0.5	1	6	<3	3	380	<5
JUN 17...	210	2	34	<0.5	<1	<1	<3	5	170	<5
AUG 13...	70	2	57	<0.5	<1	<1	<3	3	94	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
DEC 17...	4	93	<0.1	<10	<1	<1	<1	55	<6	62
FEB 18...	<4	73	<0.1	<10	3	<1	<1	38	<6	17
JUN 17...	<4	190	0.1	<10	2	<1	<1	30	<6	17
AUG 13...	<4	14	<0.1	<10	3	<1	<1	78	<6	6

BAYOU PIERRE BASIN

07290650 BAYOU PIERRE NEAR WILLOWS, MS

LOCATION.--Lat 32°00'55", long 90°53'00", in lot 16, T.12 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, near right bank at downstream side of bridge on county highway, 1.4 mi upstream from South Fork Bayou Pierre, and 1.7 mi southeast of Willows.

DRAINAGE AREA.--653 mi².

PERIOD OF RECORD.--Annual maximums, water years 1959-61. June 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 82.34 ft above National Geodetic Vertical Datum of 1929. Sept. 9, 1958, to May 31, 1961, crest-stage gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct. 14-15, Nov. 26 to Dec. 9, Dec. 27 to Jan. 7, Mar. 25 to Apr. 10, May 8 to June 17, June 22-30. Records fair except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--26 years, 916 ft³/s, 19.05 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 88,000 ft³/s, Apr. 7, 1983, gage height, 29.36 ft; minimum 19 ft³/s, Oct. 6, 1969; minimum gage height, 2.17 ft, Nov. 4, 5, 6, 1971.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 25	0415	*24,800	*24.25	Feb. 26	1900	19,400	21.95
Jan. 18	0930	17,700	20.87	Mar. 18	0945	18,600	21.46
Feb. 22	1245	18,800	21.56	June 19	2045	20,100	22.31

Minimum daily discharge, 59 ft/s, Sept. 30.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	103	494	700	531	8200	645	243	190	252	149	95
2	71	96	446	900	1090	3840	549	242	170	251	133	90
3	70	92	397	1000	958	1910	526	248	165	213	125	85
4	69	129	336	900	747	1320	577	853	150	166	108	81
5	68	2480	282	800	696	1110	544	685	145	179	129	77
6	67	534	245	755	1320	929	492	948	135	954	224	94
7	66	1320	238	562	5070	848	456	2580	130	464	215	88
8	65	1730	238	474	3190	3090	417	883	125	359	285	83
9	65	552	482	429	1570	5010	380	647	120	254	422	90
10	66	323	7460	537	867	2570	346	521	118	195	307	96
11	66	276	6620	536	687	1280	328	456	115	168	447	96
12	946	250	3310	416	603	943	314	425	114	151	619	261
13	2360	221	1390	369	559	822	306	538	112	139	2140	156
14	1020	196	823	361	521	731	369	1460	110	137	3810	104
15	348	177	716	369	4650	663	460	1320	110	134	978	88
16	222	163	2400	391	8790	623	461	719	115	120	924	81
17	202	154	2160	703	3930	1750	447	544	120	113	385	77
18	174	238	1510	15100	1870	14600	420	508	227	109	260	361
19	151	277	4290	10800	1070	5390	396	454	10100	105	211	151
20	134	650	2320	4730	1020	2770	374	398	6780	112	174	111
21	124	1090	1100	2330	3240	1240	354	346	2050	107	151	90
22	115	703	718	1230	15200	942	335	307	709	121	137	79
23	112	1280	7140	1020	7420	846	317	280	513	470	124	71
24	204	15600	5020	935	3860	5060	302	255	286	259	115	67
25	374	22700	3170	3290	2310	2450	289	236	968	175	106	65
26	217	10200	1430	2640	12200	1110	275	220	381	140	99	63
27	193	3100	1100	1370	17200	837	265	210	214	122	111	62
28	168	1310	900	860	14500	701	255	205	186	111	117	60
29	144	710	700	708	---	596	248	200	172	103	125	61
30	126	564	600	630	---	593	244	198	160	116	115	59
31	113	---	500	578	---	753	---	195	---	218	104	---
TOTAL	8192	67218	58535	56423	115669	73527	11691	17324	24990	6517	13349	3042
MEAN	264	2241	1888	1820	4131	2372	390	559	833	210	431	101
MAX	2360	22700	7460	15100	17200	14600	645	2580	10100	954	3810	361
MIN	65	92	238	361	521	593	244	195	110	103	99	59
CFSM	.40	3.43	2.89	2.79	6.33	3.63	.60	.86	1.28	.32	.66	.16
IN.	.47	3.83	3.33	3.21	6.59	4.19	.67	.99	1.42	.37	.76	.17

CAL YR 1986	TOTAL	265557	MEAN	728	MAX	22700	MIN	65	CFSM	1.12	IN	15.13
WTR YR 1987	TOTAL	456477	MEAN	1251	MAX	22700	MIN	59	CFSM	1.92	IN	26.00

07291000 HOMOCHITTO RIVER AT EDDICETON, MS

LOCATION.--Lat 31°30'10", long 90°46'35", in SE¼ sec.11, T.6 N., R.4 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on left bank at upstream side of Illinois Central and Gulf Railroad bridge, 900 ft downstream from bridge on U.S. Highway 84, 0.4 mi upstream from McCall Creek, and 0.8 mi east of Eddiceton.

DRAINAGE AREA.--180 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WSP 1281: 1939-40, 1942-44, 1949-50.

GAGE.--Water-stage recorder. Datum of gage is 212.22 ft above National Geodetic Vertical Datum of 1929. Prior to May 18, 1984, at datum 5.0 ft lower. Prior to May 26, 1942, nonrecording gage at site 900 ft upstream at present datum.

REMARKS.--Estimated daily discharges May 19 to September 30. Records poor.

AVERAGE DISCHARGE.--49 years, 265 ft³/s, 19.99 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 55,400 ft³/s, Apr. 13, 1974, gage height, 19.53 ft; minimum, 26 ft³/s, Sept. 10, 1952 (temporary regulation); minimum unregulated, 28 ft³/s, Sept. 2, 4, 1954, Sept. 29, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 9,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 24	1815	*15,900	*15.91	Feb. 27	1430	9,980	13.21
Jan. 18	1700	9,160	12.80				

Minimum discharge, 45 ft³/s, Oct. 1, 2, 3, 4, 5-8; minimum gage height recorded, 5.03 ft, Dec. 9. A lower gage height may have occurred during a period of no gage-height record.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	55	206	178	201	1270	227	94	103	85	86	76
2	49	55	179	166	205	756	209	92	95	79	79	72
3	47	54	156	173	202	574	214	291	90	76	72	68
4	46	57	141	1590	183	468	230	325	131	70	70	67
5	45	109	130	477	179	400	204	293	103	68	68	65
6	45	79	122	288	947	348	188	235	86	81	67	63
7	45	585	116	221	1300	347	176	372	85	97	70	63
8	47	176	114	190	753	1230	164	310	83	133	248	61
9	55	91	217	177	408	1070	153	229	81	99	133	61
10	52	70	3370	221	300	559	141	191	77	94	94	65
11	53	62	1100	173	256	375	135	171	76	90	115	56
12	70	57	485	156	231	313	136	151	112	86	216	51
13	119	53	301	148	203	281	137	148	148	85	115	50
14	80	51	225	161	186	258	241	976	594	115	99	50
15	64	51	329	168	401	244	252	986	540	97	86	49
16	58	55	740	226	1540	230	194	420	270	83	81	48
17	56	239	363	773	865	230	164	452	162	74	79	50
18	54	107	771	5050	499	1350	145	349	117	68	76	50
19	54	75	1190	1750	371	635	138	166	110	67	77	67
20	52	439	439	672	370	425	130	131	378	65	85	63
21	52	263	282	488	1070	332	123	126	252	83	74	58
22	52	122	268	543	3560	281	116	126	155	122	70	52
23	58	231	3150	519	2280	270	114	166	122	101	68	54
24	88	7980	915	392	989	1090	108	270	252	86	67	50
25	80	6690	545	969	755	611	105	198	180	83	65	50
26	64	1790	384	658	3420	350	103	252	137	133	63	49
27	59	641	298	398	6350	285	100	155	115	99	72	49
28	56	390	256	325	3370	247	95	133	97	85	180	50
29	55	290	229	288	---	223	93	121	86	76	108	81
30	55	239	198	260	---	282	93	113	83	85	90	56
31	54	---	187	222	---	262	---	121	---	158	83	---
TOTAL	1809	21156	17406	18020	31394	15596	4628	8163	4920	2823	2956	1744
MEAN	58.4	705	561	581	1121	503	154	263	164	91.1	95.4	58.1
MAX	119	7980	3370	5050	6350	1350	252	986	594	158	248	81
MIN	45	51	114	148	179	223	93	92	76	65	63	48
CFSM	.32	3.92	3.12	3.23	6.23	2.79	.86	1.46	.91	.51	.53	.32
IN.	.37	4.37	3.60	3.72	6.49	3.22	.96	1.69	1.02	.58	.61	.36
CAL YR 1986	TOTAL	78261	MEAN 214	MAX 7980	MIN 42	CFSM 1.19	IN 16.17					
WTR YR 1987	TOTAL	130615	MEAN 358	MAX 7980	MIN 45	CFSM 1.99	IN 26.99					

HOMOCHITTO RIVER BASIN

07292500 HOMOCHITTO RIVER AT ROSETTA, MS
(National stream-quality accounting network station)

LOCATION.--Lat 31°19'30", long 91°06'24", in sec.12, T.4 N., R.1 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, near right bank, near downstream side of pier cap, under bridge, on State Highway 33 at Rosetta, 0.8 mi downstream from Foster Creek, and 4.0 mi upstream from Dry Creek.

DRAINAGE AREA.--750 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June to November 1906 (gage heights and discharge measurements only), October 1951 to current year. February 1949 to September 1951 (gage heights and discharge measurements only) in reports of U. S. Army Corps of Engineers, Vicksburg district.

REVISED RECORDS.--WSP 1731: 1955(M). WSP 1920: 1955. WDR MS-86-1: 1985 (P).

GAGE.--Water-stage recorder. Datum of gage is 94.39 ft above National Geodetic Vertical Datum of 1929. June 16 to Nov. 12, 1906, nonrecording gage at present site, at different datum; December 1976 to April 1978, near right bank on downstream side of Illinois Central and Gulf Railroad bridge, 800 ft upstream and nonrecording gage read twice daily at present site, all at same datum.

REMARKS.--Estimated daily discharges: Nov. 28 to Dec. 4, Feb. 26 to Mar. 5, Apr. 15-22, and July 11-17. Records fair except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--36 years, 1,127 ft³/s, 20.41 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 150,000 ft³/s, Apr. 13, 1974, from rating curve extended above 47,000 ft³/s; maximum gage height, 36.03 ft, May 4, 1953; minimum discharge, 129 ft³/s, Sept. 22-25, 28-30, 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since February 1949, 37.80 ft, Mar. 31, 1949, from reports of U. S. Army Corps of Engineers, Vicksburg district.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 16,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 24	2130	*36,800	*17.51	Feb. 15	2030	27,200	15.91
Nov. 25	1815	30,500	16.49	Feb. 22	0815	25,100	15.52
Dec. 23	1015	21,100	14.74	Mar. 18	0415	25,400	15.57
Jan. 18	0515	19,600	14.41	Mar. 24	0315	23,000	15.12
Jan. 18	2130	35,100	17.25	May 14	1445	20,200	14.55

Minimum daily discharge, 204 ft³/s, Oct. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	224	245	810	671	536	4000	1130	445	457	509	440	353
2	224	250	730	579	927	2500	1070	425	425	490	380	343
3	226	250	665	760	1020	1500	1060	792	408	410	347	317
4	223	270	615	5020	751	1250	1060	1330	665	372	342	294
5	216	602	580	2060	753	1150	955	1860	500	382	354	283
6	207	652	539	1290	2480	1100	931	1000	406	402	498	277
7	204	934	527	1080	4500	1180	920	2770	387	543	1150	277
8	217	1740	526	970	2230	3820	872	1570	377	631	954	274
9	239	721	600	876	1300	3320	852	831	377	455	835	272
10	258	478	8290	919	1070	1880	843	619	378	421	447	297
11	240	392	2850	851	998	1390	841	571	361	390	577	282
12	340	360	1470	661	953	1220	867	593	711	380	1400	286
13	758	341	867	593	881	1100	870	620	907	360	642	284
14	780	329	526	644	821	1040	1560	7000	932	1000	506	281
15	408	324	588	766	7940	1010	970	3010	1000	560	438	278
16	295	336	2450	862	8140	981	840	1530	977	450	400	271
17	268	371	1420	1700	2410	1220	800	1980	681	390	378	273
18	253	794	1530	20500	1420	12900	770	1460	601	333	361	304
19	243	481	5420	13000	1070	2840	730	1000	694	328	373	331
20	236	524	2070	2850	1130	1800	700	813	2340	371	389	312
21	233	1390	1250	1620	5100	1390	650	689	1170	419	346	276
22	228	861	1180	2290	18200	1230	620	631	846	550	337	262
23	267	904	12900	1700	4100	2450	621	787	676	579	330	255
24	443	16500	3450	1150	2570	11600	590	1180	1160	431	318	249
25	657	24700	2100	2380	3560	2500	554	978	1370	555	310	245
26	405	8230	1430	2170	14900	1710	547	1240	800	701	304	242
27	308	2010	1190	1170	16000	1420	524	822	552	639	365	239
28	282	1340	1070	1020	7000	1270	513	603	447	434	1900	241
29	272	1080	969	942	---	1190	483	522	392	402	632	643
30	259	920	871	851	---	1380	471	503	389	446	397	415
31	246	---	769	643	---	1250	---	628	---	548	355	---
TOTAL	9659	68329	60252	72588	112760	74591	24214	38802	21386	14881	16805	8956
MEAN	312	2278	1944	2342	4027	2406	807	1252	713	480	542	299
MAX	780	24700	12900	20500	18200	12900	1560	7000	2340	1000	1900	643
MIN	204	245	526	579	536	981	471	425	361	328	304	239
CFSM	.42	3.04	2.59	3.12	5.37	3.21	1.08	1.67	.95	.64	.72	.40
IN.	.48	3.39	2.99	3.60	5.59	3.70	1.20	1.92	1.06	.74	.83	.44
CAL YR 1986	TOTAL	347065	MEAN	951	MAX	24700	MIN	138	CFSM	1.27	IN	17.21
WTR YR 1987	TOTAL	523223	MEAN	1433	MAX	24700	MIN	204	CFSM	1.91	IN	25.95

HOMOCHITTO RIVER BASIN

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07292500 HOMOCHITTO RIVER AT ROSETTA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1958-59, 1967-68, 1970-71, 1975 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1975 to September 1981.

WATER TEMPERATURE: January 1975 to September 1981.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 23...	1230	279	90	7.00	18.5	6.3	8.1	87	K68	K16
JAN 27...	1100	1170	51	6.70	7.5	26	11.0	91	290	250
APR 21...	1300	E650	90	7.00	25.0	3.8	8.3	100	K50	K28
JUL 14...	1030	1110	58	6.70	27.5	130	6.9	88	2100	1100

DATE	HARD- NESS TOTAL (MG/L AS CACO3)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CACO3	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE IT-FLD (MG/L AS HCO3)
OCT 23...	16	0	3.9	1.5	10	55	1	1.6	19
JAN 27...	11	3	2.4	1.2	4.8	46	0.6	1.2	10
APR 21...	15	3	3.4	1.5	11	60	1	1.2	14
JUL 14...	10	1	2.5	1.0	6.3	53	0.9	1.4	12

DATE	ALKA- LITY WAT WH TOT FET FIELD MG/L AS CACO3	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
OCT 23...	16	4.5	17	<0.10	14	69	63	0.09	52.0
JAN 27...	9	6.6	6.9	<0.10	12	45	40	0.06	142
APR 21...	11	4.2	16	<0.10	14	57	59	0.08	--
JUL 14...	10	6.1	9.4	0.40	11	60	45	0.08	180

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS- PHOROUS TOTAL (MG/L AS P)	PHOS- PHOROUS DIS- SOLVED (MG/L AS P)	PHOS- PHOROUS ORTHO, DIS- SOLVED (MG/L AS P)	SEDI- MENT, SUS- PENDE (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM
OCT 23...	<0.100	0.040	0.20	0.020	0.010	<0.010	13	9.8	86
JAN 27...	<0.100	0.020	0.50	0.040	0.010	<0.010	544	1720	30
APR 21...	<0.100	0.020	0.30	0.020	0.010	<0.010	42	--	92
JUL 14...	<0.100	0.090	1.7	0.120	0.020	0.040	520	1560	96

HOMOCHITTO RIVER BASIN

07292500 HOMOCHITTO RIVER AT ROSETTA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)	BARIUM, DIS- SOLVED (UG/L AS BA)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE)	CADMIUM DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COBALT, DIS- SOLVED (UG/L AS CO)	COPPER, DIS- SOLVED (UG/L AS CU)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, DIS- SOLVED (UG/L AS PB)
OCT 23...	30	2	40	<0.5	<1	8	<3	2	620	<5
JAN 27...	140	2	36	<0.5	1	3	<3	<1	170	<5
APR 21...	10	<1	43	<0.5	1	3	<3	<1	110	<5
JUL 14...	80	<1	31	<0.5	3	<1	<3	1	240	5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO)	NICKEL, DIS- SOLVED (UG/L AS NI)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)	SILVER, DIS- SOLVED (UG/L AS AG)	STRON- TIUM, DIS- SOLVED (UG/L AS SR)	VANA- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
OCT 23...	<4	430	0.2	<10	2	<1	<1	48	<6	58
JAN 27...	<4	51	<0.1	<10	<1	<1	<1	26	<6	28
APR 21...	<4	120	0.1	<10	3	<1	<1	46	<6	36
JUL 14...	<4	57	0.3	<10	<1	<1	<1	34	<6	22

07295000 BUFFALO RIVER NEAR WOODVILLE, MS

LOCATION.--Lat 31°13'35", long 91°17'45", in SW¼ sec.21, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, near center of span on downstream side of bridge on U.S. Highway 61, 1.5 mi downstream from Fords Creek, 2.8 mi west of Wilkinson, and 8.5 mi north of Woodville.

DRAINAGE AREA.--182 mi².

PERIOD OF RECORD.--March 1942 to current year. Prior to October 1950, published as Buffalo Bayou near Woodville.

REVISED RECORDS.--WSP 1281: 1943, 1946(M).

GAGE.--Water-stage recorder. Datum of gage is 94.52 ft above National Geodetic Vertical Datum of 1929. Prior to June 1, 1942, nonrecording gage at same site. Prior to Oct. 1, 1964, at datum 3.00 ft higher.

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

AVERAGE DISCHARGE.--45 years, 278 ft³/s, 20.74 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 65,000 ft³/s, Mar. 25, 1973, gage height, 22.3 ft from flood-mark, from rating curve extended above 35,000 ft³/s; minimum, 16 ft³/s, Aug. 14, 18, and 19, 1954, Sept. 28, 1956.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 17	2045	21,800	15.57	Feb. 27	1415	*35,800	*17.36
Jan. 18	1530	27,600	16.77	Mar. 18	0015	14,700	13.26
Feb. 15	1645	14,200	13.63	Mar. 24	0030	20,100	14.74

Minimum daily discharge, 21 ft³/s, Oct. 5-6.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	28	138	147	117	1910	292	63	93	86	90	94
2	23	28	120	134	349	1120	265	61	88	84	78	62
3	23	28	106	517	165	852	271	63	82	93	73	48
4	22	35	100	867	122	696	230	64	80	77	103	44
5	21	792	94	259	148	597	205	71	79	77	207	42
6	21	86	86	186	1030	529	192	407	77	163	262	42
7	22	170	81	160	556	786	178	153	73	266	550	42
8	23	78	80	142	239	3760	163	87	69	112	829	42
9	28	57	103	137	152	1290	151	72	68	132	179	42
10	25	51	1580	154	123	650	141	81	64	89	170	273
11	24	39	881	124	111	509	136	99	63	92	166	70
12	108	38	265	116	105	449	133	68	273	92	179	54
13	132	38	163	115	101	391	163	71	397	86	112	47
14	76	38	126	133	96	356	924	1080	354	85	95	43
15	48	36	469	145	3330	327	209	291	606	93	82	40
16	41	36	896	240	1330	302	148	118	876	98	74	39
17	38	113	283	5100	566	1680	130	98	359	106	68	42
18	37	62	840	9880	417	3770	118	151	516	85	63	48
19	35	53	1010	1830	364	863	109	101	219	75	60	62
20	34	400	367	697	1050	583	101	95	417	84	57	50
21	33	109	244	1270	1970	462	97	92	177	76	54	40
22	32	76	738	1710	3790	394	92	94	244	74	51	38
23	38	1820	3580	478	1060	2530	87	487	140	73	50	37
24	57	3000	791	333	2090	5140	83	610	117	70	49	37
25	49	4370	438	682	2610	1020	79	277	116	74	47	37
26	36	983	311	318	4560	664	76	434	103	74	46	36
27	33	373	250	221	12700	528	73	167	93	72	44	37
28	31	282	212	189	5690	439	72	132	85	68	45	37
29	30	191	186	166	---	418	67	117	81	70	43	136
30	29	167	171	145	---	543	66	111	80	79	45	75
31	29	---	157	125	---	344	---	102	---	182	49	---
TOTAL	1202	13577	14866	26720	44941	33902	5051	5917	6089	2987	4020	1736
MEAN	38.8	453	480	862	1605	1094	168	191	203	96.4	130	57.9
MAX	132	4370	3580	9880	12700	5140	924	1080	876	266	829	273
MIN	21	28	80	115	96	302	66	61	63	68	43	36
CFSM	.21	2.49	2.64	4.74	8.82	6.01	.92	1.05	1.12	.53	.71	.32
IN.	.25	2.78	3.04	5.46	9.19	6.93	1.03	1.21	1.24	.61	.82	.35

CAL YR 1986	TOTAL	61656	MEAN 169	MAX 4370	MIN 21	CFSM .93	IN 12.60
WTR YR 1987	TOTAL	161008	MEAN 441	MAX 12700	MIN 21	CFSM 2.42	IN 32.91

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in lot 72, T.2 S., R.4 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070202 near center of span on downstream side of bridge on State Highway 10, 1.5 mi upstream from Collins Creek, and 4.0 mi west of Darlington.

DRAINAGE AREA.--580 mi².

PERIOD OF RECORD.--March 1949 to September 1950 (annual maximum), October 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 145.81 ft above National Geodetic Vertical Datum of 1929. Jan. 13, 1951 to May 28, 1963, water-stage recorder at former channel 700 ft to the left; and July 30, 1963 to Feb. 12, 1964, nonrecording gage at present site. Prior to Oct. 1, 1963, datum 2.99 ft higher.

AVERAGE DISCHARGE.--37 years, 925 ft³/s, 21.66 in/yr.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,400 ft³/s, Apr. 22, 1977, gage height, 21.76 ft; minimum, 188 ft³/s, Oct. 18, 1956.

EXTREMES FOR WATER YEAR 1986.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Oct. 30	2030	*17,500	*15.92	No other peak greater than base discharge.			

Minimum discharge, 235 ft³/s, Sept. 19, 20, gage height, 2.57 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Nov. 26	1830	8,780	12.37	Mar. 1	0300	*21,200	*16.68
Jan. 19	1430	19,000	16.22	Mar. 18	1600	13,400	14.58
Feb. 22	1630	8,080	11.89				

Minimum daily discharge, 229 ft³/s, Oct. 7, 8, gage height, 2.55 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2910	4310	455	1120	375	416	486	413	1870	455	334	259
2	2380	2070	490	924	358	411	476	475	1110	419	327	258
3	1200	1400	480	676	352	415	467	421	789	368	331	333
4	574	1110	445	591	924	417	457	400	721	357	329	368
5	422	917	438	529	3730	412	447	392	784	339	299	290
6	352	794	433	484	2750	401	441	389	785	323	396	266
7	320	702	428	498	1490	397	439	388	639	320	368	261
8	305	650	426	693	935	393	433	385	570	428	339	255
9	286	615	427	623	729	395	421	380	639	408	308	253
10	280	584	426	582	656	395	411	377	561	396	295	251
11	275	560	448	633	828	394	403	410	531	347	309	249
12	275	544	2950	610	724	765	462	596	445	343	338	253
13	298	529	5260	548	627	2530	753	461	452	329	461	257
14	296	519	4200	502	582	1640	754	407	423	316	449	297
15	367	509	2150	468	591	997	584	384	404	308	355	252
16	369	500	1210	440	621	733	491	375	417	306	410	243
17	473	499	938	424	587	678	444	369	478	357	370	242
18	342	494	789	416	571	601	424	495	471	486	377	240
19	296	481	691	411	548	2440	417	1010	576	411	318	238
20	282	469	632	404	526	4130	927	1620	551	338	296	240
21	274	456	585	388	505	2120	1370	1250	419	328	282	267
22	274	454	551	375	490	1110	861	653	375	369	279	314
23	321	452	528	369	473	858	635	527	362	551	279	271
24	711	448	510	373	458	740	541	474	432	567	273	259
25	633	445	480	490	450	672	504	1010	366	429	267	262
26	527	444	455	1020	440	626	477	1920	343	416	264	259
27	551	441	460	738	435	590	457	2280	330	367	265	250
28	3610	468	666	541	425	562	444	2730	333	733	297	248
29	6380	473	666	463	---	538	434	2950	752	765	318	243
30	14900	456	572	424	---	518	423	2240	673	543	267	241
31	11200	---	711	396	---	501	---	3540	---	389	259	---
TOTAL	51683	22793	29900	17153	22180	27795	16283	29721	17601	12811	10059	7919
MEAN	1667	760	965	553	792	897	543	959	587	413	324	264
MAX	14900	4310	5260	1120	3730	4130	1370	3540	1870	765	461	368
MIN	274	441	426	369	352	393	403	369	330	306	259	238
CFSM	2.87	1.31	1.66	.95	1.37	1.55	.94	1.65	1.01	.71	.56	.46
IN.	3.31	1.46	1.92	1.10	1.42	1.78	1.04	1.91	1.13	.82	.65	.51

CAL YR 1985	TOTAL	317865	MEAN 871	MAX 14900	MIN 257	CFSM 1.50	IN 20.39
WTR YR 1986	TOTAL	265898	MEAN 728	MAX 14900	MIN 238	CFSM 1.26	IN 17.05

MISSISSIPPI RIVER DELTA

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07377000 AMITE RIVER NEAR DARLINGTON, LA--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	251	246	736	619	795	18900	1270	446	504	521	467	339
2	250	245	644	578	948	10100	1020	440	478	604	392	321
3	245	244	570	596	1360	3450	941	437	457	520	365	312
4	242	254	519	2660	1110	1770	916	455	445	478	412	302
5	240	1250	480	2940	922	1360	834	572	433	498	433	297
6	239	990	453	1580	1280	1150	772	836	423	466	416	294
7	238	495	434	1050	2940	1110	727	797	413	489	431	293
8	239	538	426	836	2570	3570	690	566	402	483	1120	292
9	242	443	418	719	1600	4730	663	501	396	464	828	287
10	318	361	521	664	1120	3060	644	485	389	444	503	307
11	345	325	2250	640	885	1700	624	490	385	424	435	393
12	274	302	2090	598	820	1270	613	472	660	409	541	317
13	355	286	1200	558	757	1080	611	527	3200	398	467	307
14	538	276	839	552	715	963	999	646	3380	392	404	308
15	406	275	782	598	1550	887	1200	2030	2580	460	379	290
16	305	279	2300	752	6390	836	962	2930	1740	410	362	294
17	269	284	2250	1930	5360	1130	735	1930	3490	380	350	295
18	258	282	1550	11400	2510	11300	650	1270	2150	370	341	368
19	253	277	3170	17900	1320	10800	608	942	1490	387	334	428
20	247	446	2770	13300	1090	6280	575	689	1620	413	328	360
21	246	1480	1610	5330	3070	2190	552	592	1220	416	324	325
22	245	602	1120	5890	7130	1400	537	537	2930	398	319	298
23	250	427	5600	4940	6550	1200	514	896	1220	421	316	286
24	281	1150	7150	2550	4000	6180	505	1050	849	392	315	280
25	347	5450	5300	3260	6040	6180	491	939	898	384	313	277
26	333	8410	2170	3130	6040	2650	482	2690	723	363	308	277
27	279	6620	1300	2120	7640	1500	476	2860	596	411	312	274
28	258	2360	1010	1400	13900	1190	470	998	531	448	308	271
29	252	1140	846	1140	---	1110	461	704	492	379	330	274
30	249	871	741	983	---	2270	450	597	481	387	495	277
31	247	---	669	872	---	1900	---	542	---	575	402	---
TOTAL	8741	36608	51918	92085	90412	113216	20992	29866	34975	13584	13050	9243
MEAN	282	1220	1675	2970	3229	3652	700	963	1166	438	421	308
MAX	538	8410	7150	17900	13900	18900	1270	2930	3490	604	1120	428
MIN	238	244	418	552	715	836	450	437	385	363	308	271
CFSM	.49	2.10	2.89	5.12	5.57	6.30	1.21	1.66	2.01	.76	.73	.53
IN.	.56	2.35	3.33	5.91	5.80	7.26	1.35	1.92	2.24	.87	.84	.59

CAL YR 1986	TOTAL	258789	MEAN	709	MAX	8410	MIN	238	CFSM	1.22	IN	16.60
WTR YR 1987	TOTAL	514690	MEAN	1410	MAX	18900	MIN	238	CFSM	2.43	IN	33.01

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at crest-stage partial-record stations are presented in the following table. Discharge measurements made at low-flow partial-record sites and at miscellaneous sites and for special studies are given in separate tables.

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1987

Annual Maximum Discharge at Crest-Stage Partial-Record Stations during water year 1987					Annual Maximum		
Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis-charge (ft ³ /s)
MOBILE RIVER BASIN							
02434000	Town Creek at Tupelo, MS	Lat 34°17'39", long 88°42'32", in SW¼ SE¼ sec.18, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 0.5 mi north of city limits of Tupelo. Prior to 1971 at datum 0.40 ft higher.	111	1944-46±, 1952-70±, 1971-87	11-24-86	20.14	10,800
02435800	Coonewah Creek at Shannon, MS	Lat 34°08'17", long 88°43'08", in SE¼ sec.12, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 1.0 mi north of Shannon and 4.5 mi upstream from mouth.	53.1	1953-87	11-24-86	15.32	(†)
02436000	Chiwapa Creek at Shannon, MS	Lat 34°06'35", long 88°43'20", in SE¼ sec.24, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, at bridge on U.S. Highway 45W at Shannon, and 0.7 mi above Gulf, Mobile and Ohio Railroad bridge.	145	1952-67±, 1968-87	12- 9-86	7.93	10,200
02437300	Mattubby Creek near Aberdeen, MS	Lat 33°52'13", long 88°35'46", in SE¼SE¼ sec.7, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, at bridge on U.S. Highway 45, 1.5 mi above Wolf River, and 4.1 mi northwest of Aberdeen.	92.2	1937, 1952-87	11-24-86	92.31	6,640
02437550	Nichols Creek tributary near Quincy, MS	Lat 33°54'20", long 88°21'05", in SE¼ sec.29, T.13 S., R.10 E., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, at culvert on U.S. Highway 278, 1.0 mi southeast of Quincy.	.54	1967-87	5-25-87	4.64	130
02437600	James Creek at Aberdeen, MS	Lat 38°48'48", long 88°33'59", in SW¼SE¼ sec.33, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, at bridge on State Highway 25, 0.4 mi southwest of Aberdeen.	28.4	1964-68±, 1969-87	1-20-87	11.16	2,320
02439980	Chuquatonchee Creek near Okolona, MS	Lat 34°00'05", long 88°53'00", in NE¼ sec.33, T.12 S., R.4 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, at bridge on State Highway 32, 7.5 mi west of Okolona.	266.7	1963-68, 1969-80, 1984-86	11-26-86	10.73	1,760

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1987

Annual maximum discharge at crest-stage partial-record stations during water year 1987					Annual Maximum		
Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis-charge (ft ³ /s)
MOBILE RIVER BASIN--Continued							
02440000	Chuquatonchee Creek near Egypt, MS	Lat 33°50'24", long 88°45'40", on line between secs.22 and 27, T.14 S., R.5 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, at bridge on State Highway 8, 4.5 mi southwest of Egypt.	167	1952-73†, 1974-87	11-26-86	13.53	7,200
02440400	Houlka Creek near McCondy, MS	Lat 33°47'05", long 88°51'15", in SE¼SW¼ sec.11, T.15 S., R.4 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, at bridge on State Highway 47, 2.8 mi south of McCondy.	189	1963-68†, 1969-87	11-26-86	13.84	6,300
02440500	Chuquatonchee Creek near West Point, MS	Lat 33°36'25", long 88°42'30", on line between secs.7 and 18, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, at bridge on State Highway 50, 3.0 mi west of West Point.	505	1944-73†, 1974-87	3-01-87	17.15	9,780
02440600	Line Creek near Maben, MS	Lat 33°39'17", long 89°03'41" in S½ sec.26 T.16 S., R.2 E., Chickasaw Meridian, Webster County, Hydrologic Unit 08060201, at bridge on State Highway 15, 1,000 ft below Gulf, Mobile and Ohio Railroad, and 7.0 mi north of Maben.	4.76	1952-87	2-28-87	19.87	1,540
02440800	Trim Cane Creek near Starkville, MS	Lat 33°28'08", long 88°54'30", in W½ sec.35, T.19 N., R.13 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, at bridge on U.S. Highway 82, 3.0 mi above Biba Wila Creek, and 6.0 mi west of Starkville.	44.9	1952-87	2-28-87	18.16	<3,820
02441220	Sand Creek tributary near Mayhew, MS	Lat 33°28'37", long 88°43'23", on line between SW¼ sec.27 and NW¼ sec.34, T.19 N., R.15 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, on U.S. Highway 82, 3.7 mi west of Mayhew.	.44	1966-87	11-26-86	4.03	73
02441300	Catalpa Creek at Mayhew, MS	Lat 33°28'53", long 88°37'42", in NE¼ SW¼ sec.28, T.19 N., R.16 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160104, at bridge on U.S. Highway 82, 0.5 mi east of Mayhew.	98.0	1963-68†, 1969-87	11-26-86	(b)	(†)
02443000	Luxapallila Creek at Steens, MS	Lat 33°33'35", long 88°18'55" in NE¼ sec.27, T.17 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on county highway, 0.2 mi southeast of Steens.	309	1944-47†, 1950-77†, 1978-87	2-28-87	15.41	4,580
02448620	Flat Scooba Creek tributary near Scooba, MS	Lat 32°50'27", long 88°28'08", in SE¼ sec.32, T.12 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160108, at culvert on U.S. Highway 45, 0.8 mi north of Scooba.	.44	1967-87	1-20-87	5.20	118
PASCAGOULA RIVER BASIN							
02471100	Leaf River near Raleigh, MS	Lat 32°00'47", long 89°25'58", in SE¼SE¼ sec.13, T.2 N., R.8 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, at bridge on State Highway 18, 6.0 mi east of Raleigh.	143	1940-43c 1957-87	3- 1-87	23.78	7,890
02471250	Leaf River at Taylorsville, MS	Lat 31°49'40", long 89°24'30", on line between secs.16 and 21, T.10 N., R.14 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, 1.0 mi east of Taylorsville.	459	1968-87	3- 1-87	252.39	18,600

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual maximum discharge at crest-stage partial-record stations during water year 1987

Annual maximum discharge at crest-stage partial-record stations during water year 1967					Annual Maximum		
Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis-charge (ft ³ /s)
PASCAGOULA RIVER BASIN							
02471500	Oakohay Creek at Mize, MS	Lat 31°52'00", long 89°32'49", in NW¼, sec.6, T.10 N., R.15 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, at Mize.	185	1943-49†, 1968-87	3- 1-87	287.88	8,380
02472420	Bowie Creek near Sanford, MS	Lat 31°28'20", long 89°31'20", in NE¼ sec.20, T.6 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, at bridge on State Highway 589, 5.0 mi south-west of junction with U.S. Highway 49.	262	1968-87	3- 1-87	25.26	11,000
02473047	Gordon Creek at Broad Street at Hattiesburg, MS	Lat 31°19'42", long 89°18'14", in NW¼NE¼ sec.9, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, at bridge on Broad Street in Hattiesburg.	8.83	1969-87	8- 6-87	11.39	1,600
02473480	Tallahattah Creek near Waldrup, MS	Lat 31°51'40", long 89°05'10", in NW¼SE¼ sec.3, T.10 N., R.11 W., St. Stephens Meridian, Jasper County, Hydrologic Unit 03170005, on paved county road, 8.7 mi south of Waldrup.	30.4	1965-70†, 1971-87	1-18-87	15.30	2,400
02473850	Tallahoma Creek tributary at Lake Como, MS	Lat 31°57'43", long 89°12'18", on line between SE¼ sec.31, T.1 N., and NE¼ sec.6, R.11 E., (revised) Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, at culvert on State Highway 528, 0.5 mi east of Lake Como.	3.21	1966-87	1-18-87	8.35	1000
02474650	Buck Creek near Runnelstown, MS	Lat 31°21'50", long 89°03'08", in SE¼ sec.25, T.5 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, at bridge on State Highway 42, 2.5 mi above mouth, and 3.7 mi east of Runnelstown.	20.8	1951-87	1-18-87	(d)	<1,620
02475050	Waterfall Branch near McLain, MS	Lat 31°07'08", long 88°45'28", in SW¼ NE¼SE¼ sec.23, T.2 N., R.8 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170005, at culvert on State Highway 57, 4.2 mi east of McLain. Prior to Oct. 1, 1964, at datum 0.72 ft lower.	.65	1955-87	6-14-85	6.38	240
02477050	Souenlovie Creek near Baxter, MS	Lat 32°13'10", long 89°09'30", in NE¼ sec.3 T.4 N., R.11 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170002, at culvert on State Highway 15, 2.6 mi north of Baxter.	1.14	1965-87	11-25-86	9.74	610
02477330	Shubuta Creek near Shubuta, MS	Lat 31°53'04", long 88°44'20" in NW¼ sec. 35, T.1 N., R.15 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, at county highway 1.5 mi northwest of Shubuta, and 5.0 mi above mouth.	75.5	1963-87	1-18-87	19.31	4,540
TCHOUTACABOUFFA RIVER BASIN							
02480500	Tuxachanie Creek near Biloxi, MS	Lat 30°31'35", long 88°54'40", in SE¼ NW¼ sec.20, T.6 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, at bridge on State Highway 15, 7.0 mi north of city limits of Biloxi.	92.4	1952-71†, 1972-87	8-15-87	23.63	19,600
BILOXI RIVER BASIN							
02481130	Biloxi River near Lyman, MS	Lat 30°29'18", long 89°02'09", in SE¼SE¼ sec.25, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on downstream side of left pier of bridge on county highway, 1.2 mi downstream from Little Biloxi River, 4.6 mi east of Lyman.	251	1965-87	8-15-87	19.46	16,300

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1987

Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Annual Maximum		
					Date	Gage height (feet)	Dis-charge (ft ³ /s)
PEARL RIVER BASIN							
02483890	Yockanookany River tributary near McCool, MS	Lat 33°10'06", long 89°25'28", in SW¼ sec.7, T.15 N., R.9 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, at culvert on State Highway 12, 4.0 mi southwest of McCool.	0.34	1965-87	11-26-86	2.62	33.5
02484600	Coffee Bogue at Ludlow, MS	Lat 32°34'25", long 89°43'48", in N¼ of line between sec.1 and 6, T.8 N., R.5 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180002, at bridge on county road, 1.0 mi west of Ludlow.	77.0	1975-87	2-27-87	12.94	3,230
02484750	Red Cane Creek tributary near Pisgah, MS	Lat 32°28'05", long 89°47'55", on line between NE¼ sec.8 and NW¼ sec.9, T.7 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at circular culvert on State Highway 43, 4.1 mi east of Pisgah.	.10	1965-87	6-13-87	5.39	75
02484760	Fannegusha Creek near Sand Hill, MS	Lat 32°30'20", long 89°48'45", in SW¼ sec.29, T.8 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at bridge on county road, 3.9 mi east of Sand Hill.	52.3	1975-87	2-27-87	11.14	3,010
02485650	Purple Creek at Jackson, MS	Lat 32°22'48", long 90°07'19", in NW¼ sec.8, T.6 N., R.2 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at Old Canton Road bridge in Jackson, and 1.5 mi above mouth.	6.12	1952-87	8- 4-87	10.13	1,130
02485800	Eubanks Creek at Jackson, MS	Lat 32°20'23", long 90°09'52", in NE¼NW¼NE¼ sec.26, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, near right bank at downstream side of Wood Dale Drive bridge in Jackson, 1,600 ft upstream from Interstate 55 (formerly U.S. Highway 51), and 1.3 mi upstream from mouth. Prior to Oct. 1, 1959, 1,600 ft downstream at datum 0.74 ft lower.	63.21	1954-87	8- 5-87	11.77	2,270
02486100	Lynch Creek at Jackson, MS	Lat 32°17'04", long 90°12'52", in SE¼ sec.8, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at bridge on Valley Street in Jackson, 2,000 ft below U.S. Highway 80, and 2.0 mi above mouth. Prior to Oct. 1, 1958, at site 2,000 ft upstream.	12.0	1955-87	3-17-87	14.31	3,240
02486115	Three Mile Creek at Jackson, MS	Lat 32°16'15", long 90°13'00", in NW¼SE¼ sec.17, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, 300 ft downstream from old U.S. Highway 51 (Terry Road), 0.6 mi above Illinois Central Railroad.	1.05	1962-87	2-15-87	6.91	465
02487300	Strong River near Puckett, MS	Lat 32°03'48", long 89°44'50", in SE¼SE¼ sec.26, T.3 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at State Highway 18, 2.0 mi southeast of Puckett.	248	1958-87	3- 1-87	25.02	12,000
02487500	Strong River at D'Lo, MS	Lat 31°58'40", long 89°53'53", in SW¼ sec.28, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on left bank at downstream side of old U.S. Highway 49, 0.2 mi south of D'Lo.	425	1928-71†, 1972-86	3- 1-87	29.38	14,600

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual maximum discharge at crest-stage partial-record stations during water year 1987

Annual Maximum discharge at crest-stage partial-record stations during water year 1987					Annual Maximum		
Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis-charge (ft ³ /s)
PEARL RIVER BASIN--Continued							
02487900	Copiah Creek near Hazlehurst, MS	Lat 31°53'23", long 90°17'10", in SW¼SE¼ sec.27, T.1 N., R.1 W., Choctaw Meridian, Copiah County, Hydrologic Unit 03180003, at bridge on State Highway 28, 6.2 mi east of Hazlehurst.	47.4	1948-65, 1966-68†, 1969-87	3- 2-87	(d)	<3,000
02489030	Elmers Draw near Columbia, MS	Lat 31°11'58", long 89°57'57", in SE¼SE¼NW¼ sec.26, T.3 N., R.12 E., Washington Meridian, Marion County, Hydrologic Unit 03180004, at U.S. Highway 98, 5.7 mi west of Columbia. Prior to Oct. 1, 1964, at datum 1.12 ft higher.	0.91	1955-87	2-28-87	7.44	390
02492360	West Hobolochitto Creek near McNeill, MS	Lat 30°39'42", long 89°41'10", in NW¼NE¼ sec.34, T.4 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004 at bridge on county road, 3.1 mi west of McNeill.	175	1966-68†, 1969-87	2-28-87	17.44	4,800
YAZOO RIVER BASIN							
07267000	Hell Creek near New Albany, MS	Lat 34°30'55", long 89°03'10", in SW¼ sec.36, T.6 S., R.2 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, at bridge on U.S. Highway 78, 3.0 mi northwest of New Albany, and 4.5 mi above mouth.	27.3	1939-42†, 1952-87	11- 9-86	10.71	5,470
07268500	Cypress Creek near Etta, MS	Lat 34°26'30", long 89°17'25", in SE¼ sec.27, T.7 S., R.1 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, at bridge on State Highway 30, 4.5 mi southwest of Etta, and 5.0 mi above mouth. Prior to Oct. 1, 1964, at datum 10.00 ft higher.	28.5	1939-42†, 1952-87	11- 9-86	19.28	10,700
07274250	Otocalofa Creek at Water Valley, MS	Lat 34°08'26", long 89°38'15", in SW¼ NE¼ sec.8, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08020203, at bridge on State Highway 7, 0.9 mi south of Water Valley, and 5.2 mi above mouth.	84.1	1952-87	11- 9-86	21.78	3,700
07275500	Long Creek at Courtland, MS	Lat 34°13'40", long 89°56'20", near center of sec.9, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, at bridge on U.S. Highway 51, 1.0 mi south of Courtland, 5.5 mi above mouth, and 6.0 mi south of Batesville.	66.2	1940-43†, 1952-87	3-18-87	8.39	8,200
07285700	Long Creek near Cascilla, MS	Lat 33°51'40", long 89°59'05", in NE¼ sec.16, T.23 N., R.3 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030205, at culvert on county highway, 1.1 mi east of Cascilla.	1.64	1965-87	3-18-87	10.03	1,050
07287350	Fannegusha Creek near Tchula, MS	Lat 33°10'00", long 90°10'12", on line between secs.11 and 14, T.15 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on State Highway 12, east of Tchula.	100	1953-65 ^f , 1968-87	3-18-87	(d)	<5,000
BIG BLACK RIVER BASIN							
07289265	Hays Creek tributary No. 1 near Vaiden, MS	Lat 33°23'10", long 89°46'07", in SE¼SW¼ sec.27, T.18 N., R.5 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08060201, at bridge on U.S. Highway 51, 3.9 mi north of Vaiden.	14.0	1975-87	3-18-87	24.67	1,320

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1987

Annual Maximum Discharge at Crest-Record Stations during Water Year 1988					Annual	Maximum	
Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Date	Gage height (feet)	Dis-charge (ft ³ /s)
BIG BLACK RIVER BASIN--Continued							
07289600	Tilda Bogue near Canton, MS	Lat 32°39'15", long 90°00'05", in SW¼ sec.5, T.9 N., R.3 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, at bridge on U.S. Highway 51, 3.0 mi north of Canton, and 3.5 mi above mouth.	24.4	1948-87	2-28-87	17.18	(†)
07290005	Clear Creek near Bovina, MS	Lat 32°21'42", long 90°43'32", in SW¼ sec.17, T.6 N., R.5 W., Choctaw Meridian, Warren County, Hydrologic Unit 08060202, on county road, 1.0 mi northeast of Bovina.	932.0	1953-87	3-18-87	25.50	6,380
BAYOU PIERRE BASIN							
07290690	Clarks Creek near Pattison, MS	Lat 31°53'40", long 90°50'40", in lot 35, T.11 N., R.4 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, at bridge on county highway, 1.3 mi above mouth, and 2.5 mi east of Pattison.	77.4	1961-62†, 1963-86	3-18-87	(d)	<6,500
07290830	Little Creek near Fayette, MS	Lat 31°40'30", long 91°04'10", in SE corner of irregular section 24, T.8 N., R.1 E., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, at culvert on State Highway 33, 2.0 mi south of Fayette.	1.71	1967-87	3-18-87	10.81	950
07290870	Coles Creek near Fayette, MS	Lat 31°45'55", long 91°11'30", in lot 21, T.9 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, at bridge on county highway, 0.7 mi below confluence of North and South Forks of Coles Creek, and 10.0 mi northwest of Fayette.	257	1961-62†, 1963-87	3-18-87	25.47	26,900
HOMOCHITTO RIVER BASIN							
07291250	McCall Creek near Lucien, MS	Lat 31°30'24", long 90°38'45", in SW¼ sec.6, T.6 N., R.6 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, at U.S. Highway 84, 0.8 mi east of Lucien.	960.0	1953, 1955-87	3-18-87	(d)	<6,000
THOMPSON CREEK BASIN							
07373550	Moore's Branch near Woodville, MS	Lat 31°05'20", long 91°14'30", in SE¼SW¼ sec.32, T.2 N., R.1 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08070201, at State Highway 24, 3.3 mi east of Woodville. Prior to Oct. 1, 1964, at datum 0.88 ft lower.	.21	1955-87	3-18-87	5.21	218

† Discharge not determined.

* Operated as a continuous-record gaging station.

a Approximately.

b High-water mark was not determined.

c Gage heights and discharge measurements in files of Corps of Engineers.

d Peak stage did not reach bottom of gage.

e Total drainage area 5.19 mi².

f Published at site near Howard, 3 mi downstream.

g Revised.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Low-flow partial-record stations

Measurements of streamflow in the area covered by this report made at low-flow partial-record stations are given in the following table. Most of these measurements were made during periods of base flow when streamflow is primarily from ground water storage. These measurements, when correlated with the simultaneous discharge of a nearby stream where continuous records are available, will give a picture of the low-flow potentiality of the stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN						
02430550	Donivan Creek near Marietta, MS	Lat 34°29'05", Long 88°30'25", in SW¼ sec.7, T.7 S., R.8 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on county road, 2.5 mi southwest of Marietta.	13.9	1986-87	4-28-87 7-29-87	4.24 .01
02430690	Twentymile Creek near Mantachie, MS	Lat 34°23'10", Long 88°27'40", in NE¼ sec.16, T.8 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 371, 4.6 mi north of Mantachie.	150	1962-63, 1965, 1970-71, 1973-74, 1976-78, 1985-87	10- 7-86 4-28-87 7-29-87	.98 28.2 1.60
02431400	Mantachie Creek at Dorsey, MS	Lat 34°15'09", Long 88°28'35", in SE¼ sec.32, T.9 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on U.S. Highway 78, 0.5 mi east of Dorsey.	61.6	1942, 1944-46, 1952-54, 1956, 1958, 1962, 1970-71, 1973-74, 1976-78, 1985-87	9-21-87	2.07
02431500	Tombigbee River at Beans Ferry near Fulton, MS	Lat 34°12'20", Long 88°23'50", in SW¼ sec.18, T.10 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on county road, 1.0 mi west of Beans Ferry, and 4.7 mi south of Fulton.	706	1938-47, 1986-87	10- 1-86	70.2
02433530	Burkett Creek at Amory, MS	Lat 33°59'43", Long 88°29'29", in NW¼ sec.25, T.12 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 25, 0.5 mi north of Amory.	6.60	1964-69, 1971-83, 1987	9-21-87	.50
02433900	Yonaba Creek near Saltillo, MS	Lat 34°20'24", Long 88°44'46", in SW¼ sec.35, T.8 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on county road, 4.4 mi southwest of Saltillo.	74.2	1967, 1985-87	10- 9-86 4-28-87 7-29-87	1.59 86.4 2.31
*02434000	Town Creek at Tupelo, MS	Lat 34°17'39", Long 88°42'32", in SE¼ sec.18, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 0.5 mi north of Tupelo.	111	1939-46, 1949-87	7-27-87 9-24-87	3.22 .65
02434250	Tishomingo Creek near Saltillo, MS	Lat 34°24'30", Long 88°45'10", in NW¼ sec. 11, T.8 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on county road, 4.5 mi northwest of Saltillo.	17.1	1952-64, 1985-87	10- 9-86 5- 1-87 7-29-87 9-24-87	0 3.88 0 0
02434500	Euclautubba Creek at Saltillo, MS	Lat 34°22'20", Long 88°42'00", in NW¼ sec.20, T.8 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 0.8 mi west of Saltillo.	19.1	1949-1975, 1987	5- 1-87 7-29-87 9-24-87	3.23 .04 0

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02435000	Mud Creek at Tupelo, MS	Lat 34°15'25", Long 88°41'05", in NE¼ sec.32, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 78, 0.8 mi east of Tupelo.	99.5	1939-43, 1944-46†, 1974, 1987	9-21-87	1.38
02435500	Town Creek near Verona, MS	Lat 34°11'50", Long 88°40'58", in SW¼ sec.21, T.10 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on county road, 2.2 mi east of Verona.	271	1939-43, 1944-47†, 1967, 1972, 1974, 1983, 1987	9-22-87	8.39
02435890	Chiwapa Creek near Pontotoc, MS	Lat 34°10'58", Long 88°57'07", in SW¼ sec.26, T.10 S., R.3 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 03160102, on State Highway 41, 5.0 mi southeast of Pontotoc.	12.9	1987	9-22-87	.48
*02435980	Chiwapa Creek at Natchez Trace near Shannon, MS	Lat 34°09'56", Long 88°48'41", in SE¼ sec.31, T.10 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on Natchez Trace Parkway, 6.2 mi northwest of Shannon.	114	1986-87	4-29-87 7-27-87	34.3 5.94
*02436000	Chiwapa Creek at Shannon, MS	Lat 34°06'35", Long 88°43'20", in SE¼ sec.24, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45W, 0.7 mi southwest of Shannon.	145	1950-87	4-29-87 7-27-87 9-21-87	38.5 6.53 4.59
02437400	Wolf Creek near Aberdeen, MS	Lat 33°54'01", long 88°34'35", in SW¼ sec.33, T.13 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 5.5 mi northwest of Aberdeen.	17.7	1986-87	10-10-86 4-29-87 7-27-87	0 .84 0
02439333	Sipsey Creek near Splunge, MS	Lat 33°56'58", long 88°15'15", in SE¼ sec.7, T.13 S., R.16 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160103, on county road, 1.4 mi southeast of Splunge.	212	1987	10-10-86 4-29-87 7-27-87	17.3 44.1 19.7
*02439980	Chuquatonchee Creek near Okolona, MS	Lat 34°00'05", long 88°53'00", in NE¼ sec.33, T.12 S., R.4 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, on State Highway 32, 7.5 mi west of Okolona.	66.7	1963-80, 1984-87	9-21-87	34.1
*02440000	Chuquatonchee Creek near Egypt, MS	Lat 33°50'24", long 88°45'40", in NE¼ sec.27, T.14 S., R.5 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, on State Highway 8, 4.5 mi southwest of Egypt.	167	1950-51, 1952-73†, 1974-87	4-28-87 7-29-87 9-23-87	27.8 1.16 28.6
02440250	Houlka Creek near Trebloc, MS	Lat 33°50'30", long 88°55'55", in SE¼ sec.24, T.14 S., R.3 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, on State Highway 8, 6.0 mi west of Trebloc.	72.6	1970, 1986-87	4-29-87 7-29-87	9.41 .16
*02440400	Houlka Creek near McCondy, MS	Lat 33°47'05", long 88°51'15", in SW¼ sec.11, T.15 S., R.4 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 47, 2.8 mi south of McCondy.	189	1963-68†, 1969-87	9-23-87	.04

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
*02440500	Chuquatonchee Creek near West Point, MS	Lat 33°36'25", long 88°42'30", in NE¼ sec.18, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 50, 3.0 mi west of West Point.	505	1941-43, 1944-73†, 1974-87	4-30-87, 7-30-87, 9-22-87	49.1, 1.92, 30.9
02440560	Standing Reed Creek near Montpelier, MS	Lat 33°41'44", long 88°56'02", in NE¼ sec.13, T.16 S., R.3 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 46, 1.7 mi southeast of Montpelier.	16.2	1986-87	4-29-87, 7-29-87	1.61, 0
02440700	Line Creek near Cedar Bluff, MS	Lat 33°35'33", long 88°49'07", in NE¼ sec.22, T.20 N., R.14 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 50, 0.7 mi northeast of Cedar Bluff.	168	1987	4-29-87, 7-30-87	4.59, .03
*02441300	Catalpa Creek at Mayhew, MS	Lat 33°29'05", long 88°37'28", in SW¼ sec.28, T.19 N., R.16 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160104, on U.S. Highway 82, 0.5 mi east of Mayhew.	98.4	1963-68†, 1969-87	9-22-87	1.54
02447200	Noxubee River near Louisville, MS	Lat 33°17'02", long 88°53'58", in NE¼ sec.6, T.16 N., R.14 E., Choctaw Meridian, Winston County, Hydrologic Unit 03160108, on State Highway 25, 14 mi northeast of Louisville.	180	1953, 1956, 1959, 1979, 1987	4-28-87, 7-30-87	54.0, 15.6
02447360	Cypress Creek near Longview, MS	Lat 33°19'40", long 88°54'06", in NE¼ sec.23, T.17 N., R.13 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160108, on State Highway 25, 5.5 mi southeast of Longview.	44.3	1987	4-30-87	3.13
02447365	Dry Creek near Longview, MS	Lat 33°19'24", long 88°54'12", in NE¼ sec.23, T.17 N., R.13 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160108, on State Highway 25, 5.0 mi southeast of Longview.	8.98	1940-73, 1979, 1987	4-28-87	.09
02447500	Noxubee River at Brooksville, MS	Lat 33°13'30", long 88°42'10", in NW¼ sec.19, T.16 N., R.16 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on county road, 7.0 mi west of Brooksville.	446	1940-70†, 1972, 1987	4-28-87, 7-30-87, 9-22-87	80.2, 20.0, 18.9
02447800	Hashuqua Creek near Macon, MS	Lat 33°06'07", long 88°40'53", in SE¼ sec.32, T.15 N., R.16 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on State Highway 14, 7.6 mi west of Macon.	96.2	1951-66, 1968-70, 1979, 1986-87	9-22-87	35.2
02447960	Horse Hunters Creek near Macon, MS	Lat 33°09'38", long 88°33'51", in NE¼ sec.16, T.15 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on U.S. Highway 45, 3.7 mi north of Macon.	22.1	1986-87	4-28-87, 7-31-87	.02, .02
02448200	Macedonia Creek at Macon, MS	Lat 33°02'13", long 88°33'47", in SE¼ sec.28, T.14 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on U.S. Highway 45, 3.7 mi south of Macon.	52.4	1942-44, 1952-53, 1955-57, 1959-60, 1970, 1986-87	9-22-87	6.14

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02448340	Wahalak Creek near Willington, MS	Lat 32°54'38", long 88°27'55", in NW¼ sec.9, T.12 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160108, on county road, 3.5 mi northwest of Willington.	52.6	1987	4-28-87 7-28-87	1.56 .45
02467200	Sucarnoochee River near Porterville, MS	Lat 32°41'55", long 88°29'12", in SE¼ sec.19, T.10 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, on U.S. Highway 45, 1.0 mi northwest of Porterville.	135	1940-44, 1953-54, 1959-60, 1973, 1976-77, 1979, 1987	9-22-87	30.7
02467244	Pawticfaw Creek near Cullum, MS	Lat 32°39'47", long 88°38'46", in NE¼ sec.3, T.9 N., R.16 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, on county road, 2.4 mi northwest of Cullum.	38.9	1985-87	4-28-87 7-28-87	15.4 9.83
02467250	Yazoo Creek near Kipling, MS	Lat 32°40'48", long 88°38'58", in SW¼ sec.27, T.10 N., R.16 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, on county road, 0.4 mi north of Kipling.	16.6	1986-87	10- 5-86 4-28-87 7-28-87	11.3 18.5 12.6
02467300	Pawticfaw Creek near Porterville, MS	Lat 32°38'42", long 88°29'50", in NW¼ sec.7, T.9 N., R.18 E., Choctaw Meridian, Kemper County, Hydrological Unit 03160202, on U.S. Highway 45, 3.5 mi southwest of Porterville.	98.1	1953-54, 1959-60, 1970, 1973, 1976, 1987	9-22-87	34.2
02467400	Blackwater Creek near Porterville, MS	Lat 32°38'38", long 88°29'50", in NW¼ sec.7, T.9 N., R.18 E., Choctaw Meridian, Kemper County, Hydrological Unit 03160202, on U.S. Highway 45, 3.6 mi south of Porterville.	56.6	1943, 1953-54, 1959-60, 1970, 1973, 1979, 1987	9-22-87	21.6
02467450	Ponta Creek at Lauderdale, MS	Lat 32°31'47", long 88°30'42", in NW¼ sec.24, T.8 N., R.17 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03160202, on U.S. Highway 45, 0.5 mi north of Lauderdale.	64.6	1953-56, 1959-60, 1964, 1967, 1985-87	10-10-86 9-22-87	9.02 14.6
02468000	Alumchee Creek near Cuba, AL	Lat 32°26'22", long 88°20'31", in NE¼ sec.24, T.17 N., R.4 W., Choctaw Meridian, Sumpter County, Hydrologic Unit 03160202, on U.S. Highway 80, 2.5 mi northeast of Cuba.	62.3	1955-87	10- 8-86 4-28-87 7-29-87 9-22-87	6.66 22.1 7.48 9.08
02468120	Sucatoiba Creek near Kewanee, MS	Lat 32°27'50", long 88°26'09", in SE¼ sec.10, T.7 N., R.18 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03160202, on county road, 2.7 mi north of Kewanee.	7.97	1986-87	10- 8-86 4-28-87 7-29-87	.29 1.94 .16
PASCAGOULA RIVER BASIN						
02471195	West Tallahala Creek at Louin, MS	Lat 32°04'14", long 89°17'29", in SE¼ sec.29, T.3 N., R.10 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, on county road, 1.8 mi west of Louin.	118	1972, 1986-87	10- 9-86 4-30-87 7-30-87	.01 .26 .21
*02471500	Oakohay Creek at Mize, MS	Lat 31°52'00", long 89°32'49", in NW¼ sec.6, T.10 N., R.15 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, 0.4 mi east of Mize.	185	1943-49†, 1961, 1968-87	4-30-87 9-22-87	51.6 30.9

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
02473950	Tallahoma Creek near Moss, MS	Lat 31°50'00", long 89°09'30", in SW¼ sec.13, T.10 N., R.11 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, on county road, 1.7 mi northeast of Moss.	110	1986-87	4-30-87 7-29-87	18.2 4.82
02474000	Tallahoma Creek near Laurel, MS	Lat 31°47'00", long 89°11'00", in NE¼ sec.10, T.9 N., R.12 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on State Highway 15, 7.0 mi northwest of Laurel.	138	1941-48†, 1961, 1986-87	4-29-87 7-29-87	29.2 5.69
02474520	Garraway Creek at Belleville, MS	Lat 31°12'20", long 89°07'41", in SW¼ sec.20, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 0.4 mi south of Belleville.	6.39	1986-87	4-28-87 7-28-87	12.0 7.98
02474540	Tallahala Creek near Mahned, MS	Lat 31°13'50", long 89°04'50", in SE¼ sec.10, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 2.0 mi north of Mahned.	638	1964-65, 1972, 1975, 1987	9-24-87	127
02474596	West Tiger Creek near Ovett, MS	Lat 31°28'17", long 89°00'00", in NE¼ sec.21, T.6 N., R.10 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on State Highway 15, 2.1 mi southeast of Ovett.	49.6	1986-87	4-29-87 7-28-87	1.80 .08
02474750	Carters Creek at Beaumont, MS	Lat 31°09'51", long 88°54'53", in NW¼ sec.5, T.2 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on U.S. Highway 98, 0.5 mi southeast of Beaumont.	6.49	1953-55 1957, 1959-60, 1987	9-24-87	1.12
02474780	Thompson Creek near Mulberry, MS	Lat 31°29'15", long 88°52'17", in NW¼ sec.14, T.6 N., R.9 W., St. Stephens Meridian; Wayne County, Hydrologic Unit 03170005, on county road, 1.6 mi northwest of Mulberry.	117	1973, 1986-87	4-29-87 7-28-87	10.6 1.62
02474900	Piney Woods Creek near Richton, MS	Lat 31°20'20", long 88°50'52", in NE¼ sec.1, T.4 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 5.0 mi east of Richton.	54.8	1943, 1951, 1953-57, 1973, 1987	9-23-87	1.94
02475230	Tallashua Creek near Center Ridge, MS	Lat 32°24'58", long 88°59'12", in SE¼ sec.29, T.7 N., R.13 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on county road, 2.0 mi west of Center Ridge.	94.1	1972, 1987	4-29-87 7-28-87	22.2 1.97
02475290	Porterchitto Creek near Newton, MS	Lat 32°19'51", long 89°10'49", in SW¼ sec.28, T.6 N., R.11 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on county road, 1.0 mi northwest of Newton.	6.59	1942-44, 1951-52, 1954-57, 1968, 1971, 1987	9-21-87	.71
02475350	Tarlow Creek near Newton, MS	Lat 32°17'25", long 89°09'00", in NW¼ sec.11, T.5 N., R.11 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on State Highway 15, 2.5 mi south of Newton.	16.1	1952-1971, 1979, 1987	9-21-87	.08

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
02475390	Bethel Creek near Hickory, MS	Lat 32°19'48", long 89°02'54", in SW¼ sec.26, T.6 N., R.12 E., Choctaw Meridian, Newton County, Hydrological Unit 03170001, on U.S. Highway 80, 1.7 mi west of Hickory.	2.62	1943, 1951-52, 1954-57, 1959-60, 1968, 1987	9-21-87	0.25
02475580	Tallahatta Creek near Little Rock, MS	Lat 32°30'03", long 88°55'06", in SE¼ sec.25, T.8 N., R.13 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on State Highway 494, 6.5 mi east of Little Rock.	20.4	1980, 1986-87	10- 8-86 4-29-87 7-28-87	.96 4.12 1.56
02475600	Tallahatta Creek at Meehan Junction, MS	Lat 32°19'38", long 88°52'22", in SW¼ sec.28, T.6 N., R.14 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on U.S. Highway 80, 0.5 mi west of Meehan Junction.	70.2	1980, 1986-87	9-21-87	2.99
02476000	Okatibbee Creek at Meridian, MS	Lat 32°21'15", long 88°45'25", in NW¼ sec.22, T.6 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on Old U.S. Highway 80, 0.6 mi west of Meridian.	239	1939-73, 1982, 1985-87	10- 8-86 11-14-86 4-29-87 7-28-87	39.4 16.2 64.7 99.5
02476530	Sowashee Creek at Meridian, MS	Lat 32°20'39", long 88°43'37", in SW¼ sec.24, T.6 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on 49th Avenue, 1.0 mi south of Meridian.	75.6	1942-45, 1968, 1987	9-23-87	7.15
02476900	Browns Creek near Basic City, MS	Lat 32°14'42", long 88°46'14", in SW¼ sec.28, T.5 N., R.15 E., (revised) Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on U.S. Highway 11, 2.0 mi north of Basic City.	4.60	1968, 1987	10- 7-86	0
02477070	Souenlovie Creek near Rose Hill, MS	Lat 32°10'14", long 88°55'53", in SE¼ sec.23, T.4 N., R.13 E., Choctaw Meridian, Jasper County, Hydrologic unit 03170002, on State Highway 513, 4.3 mi northeast of Rose Hill.	91.4	1985-87	10- 9-86 4-28-87 7-30-87	1.12 12.5 3.99
02477100	Souinlovie Creek near Pachuta, MS	Lat 32°03'49", long 88°52'48", in NE¼ sec.32, T.3 N., R.14 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on U.S. Highway 11, 1.7 mi north of Pachuta.	174	1900, 1938, 1943, 1945, 1951-52, 1954, 1956-71, 1987	9-25-87	4.47
02477200	Archusa Creek near Quitman, MS	Lat 32°02'22", long 88°42'39", in SE¼ sec.1, T.2 N., R.15 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 1.0 mi east of Quitman.	54.6	1943, 1951-52, 1954, 1956-57, 1960, 1964, 1967-69, 1987	9-25-87	27.2
*02477330	Shubuta Creek near Shubuta, MS	Lat 31°53'04", long 88°44'20", in NW¼ sec.35, T.1 N., R.15 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002 (revised), on county road, 1.5 mi northwest of Shubuta.	75.5	1963-87	9-24-87	12.1
02477350	Chickasawhay River at Shubuta, MS	Lat 31°50'55", long 88°41'24", in SE¼ sec.9, T.10 N., R.7 W., St. Stephens Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 45, 1.0 mi southeast of Shubuta.	1458	1905-62, 1964-67, 1972-78, 1987	9-24-87	260

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
02477360	Eucutta Creek near Shubuta, MS	Lat 31°50'21", long 88°43'31", in NE¼ sec.18, T.10 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on county road, 2.0 mi southwest of Shubuta.	69.6	1964-66, 1987	9-24-87	15.2
02477490	Yellow Creek at Waynesboro, MS	Lat 31°41'48", long 88°40'14", in SW¼ sec.35, T.9 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on county road, 0.5 mi northwest of Waynesboro.	54.7	1964-66, 1982, 1987	9-24-87	31.9
02477500	Chickasawhay River near Waynesboro, MS	Lat 31°40'46", long 88°41'00", in NW¼ sec.10, T.8 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on U.S. Highway 84, 2.3 mi west of Waynesboro.	1650	1938-50±, 1951-87	4-29-87 7-29-87 9-23-87	732 266 329
02477685	Buckatunna Creek near Middleton, MS	Lat 32°10'46", long 88°34'04", in NW¼ sec.21, T.4 N., R.17 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on county road, 2.6 mi northeast of Middleton.	66.8	1972, 1987	10- 9-86 4-28-87 7-28-87	1.69 19.6 4.26
02477700	Buckatunna Creek at Sykes, MS	Lat 32°05'30", long 88°34'54", in NW¼ sec.20, T.3 N., R.17 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 0.5 mi east of Sykes.	122	1953-57, 1960-61, 1964, 1968, 1971, 1973, 1987	9-25-87	8.59
02477800	Long Creek near Quitman, MS	Lat 32°05'41", long 88°36'38", in NE¼ sec.24, T.3 N., R.16 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 8.0 mi northeast of Quitman.	76.8	1953-57, 1960-61, 1964, 1968, 1971, 1973-74, 1987	9-25-87	7.79
02478030	Buckatunna Creek near Buckatunna, MS	Lat 31°31'15", long 88°30'45", in NW¼ sec.5, T.6 N., R.5 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on U.S. Highway 45, 1.5 mi southeast of Buckatunna.	601	1961, 1964-66, 1972, 1987	9-23-87	126
02478100	Big Creek at Clara, MS	Lat 31°34'51", long 88°41'53", in SE¼ sec.9, T.7 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170003, on State Highway 63, 0.1 mi west of Clara.	44.9	1943, 1951, 1953-57, 1959-60, 1964-66, 1987	9-23-87	7.13
02478140	Big Creek near Buckatunna, MS	Lat 31°28'00", long 88°34'20", in SE¼ sec.22, T.6 N., R.6 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170003, on county road, 10.0 mi southwest of Buckatunna.	140	1964-66, 1972-73, 1987	9-23-87	17.7
02478680	Big Creek near Jonathan, MS	Lat 31°12'31", long 88°38'28", in NE¼ sec.24, T.3 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on State Highway 63, 1.0 mi south of Jonathan.	120	1965-66, 1985, 1987	4-30-87 7-29-87	22.4 9.73
02478750	Brushy Creek near Leakesville, MS	Lat 31°07'40", long 88°40'10", in NW¼ sec.23, T.2 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on State Highway 57, 7.0 mi west of Leakesville.	18.3	1953-57, 1959-60, 1973, 1987	9-24-87	2.06

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
02478760	Big Creek near Hillman, MS	Lat 31°04'20", long 88°38'27", in SE¼ sec.1, T.1 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on county road, 4.0 mi south of Hillman.	184	1965, 1971, 1985, 1987	4-30-87 7-29-87	51.3 22.4
02479010	Whisky Creek near Merrill, MS	Lat 30°55'35", long 88°47'02", in SE¼ sec.28, T.1 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on State Highway 57, 5.5 mi southwest of Merrill.	42.0	1954-57, 1959-60, 1975, 1987	9-23-87	11.6
02479040	Big Creek near Lucedale, MS	Lat 30°56'25", long 88°37'05", in SE¼ sec.19, T.1 S., R.6 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on U.S. Highway 98, 2.1 mi northwest of Lucedale.	21.0	1952-70, 1987	9-23-87	20.3
02479090	Black Creek near Wade, MS	Lat 30°41'20", long 88°34'36", in NW¼ sec.22, T.4 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, on State High- way 63, 3.5 mi north of Wade.	15.9	1953-56, 1958-61, 1963, 1987	9-22-87	3.91
024790912	Black Creek near Sumrall, MS	Lat 31°23'17", long 89°37'20", in NE¼ sec.20, T.5 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on State Highway 44, 5 mi southwest of Sumrall.	19.0	1986-87	4-28-87 7-27-87	7.28 10.9
02479146	Beaverdam Creek at Maxie, MS	Lat 33°59'10", long 89°13'05", in SW¼ sec.4, T.1 S., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, on U.S. Highway 49, 0.8 mi north of Maxie.	9.12	1953-57, 1959-60, 1987	9-25-87	4.21
02479153	Beaverdam Creek near Janice, MS	Lat 30°58'17", long 89°03'23", in SE¼ sec.11, T.1 S., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, on State Highway 29, 3.0 mi south of Janice.	65.5	1960, 1972, 1987	4-29-87 7-30-87	59.4 73.8
02479170	Black Creek near Benndale, MS	Lat 30°46'50", long 88°45'40", in SW¼ sec.14, T.3 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170007, on State Highway 57, 7.6 mi south of Benndale.	753	1949, 1958-70, 1972-73, 1987	9-23-87	433
02479190	Red Creek near Wiggins, MS	Lat 30°50'45", long 89°12'18", in NW¼ sec.28, T.2 S., R.12 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on Old State Highway 26, 4.0 mi west of Wiggins.	177	1952-57, 1959-60, 1986-87	9-23-87	72.5
02479200	Flint Creek near Wiggins, MS	Lat 30°50'40", long 89°04'30", in SE¼ sec.27, T.2 S., R.11 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on State Highway 26, 3.8 mi east of Wiggins.	24.8	1957-69, 1986-87	4-29-87 7-29-87 9-23-87	27.8 20.3 31.5
02479250	Bluff Creek near Wiggins, MS	Lat 30°51'13", long 88°58'00", in SW¼ sec.23, T.2 S., R.10 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on State Highway 26, 12.1 mi east of Wiggins.	24.9	1952-55, 1957, 1959-60, 1975, 1986-87	9-23-87	14.2

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
02480100	Jackson Creek near Orange Grove, MS	Lat 30°30'30", long 88°25'00", in NE¼ sec.19, T.6 S., R.4 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, on county road, 6.8 mi north of Orange Grove.	37.1	1958-63, 1987	9-22-87	50.3
02480150	Franklin Creek near Grand Bay, AL	Lat 30°28'10", long 88°23'10", in NW¼ sec.4, T.7 S., R.4 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, on county road, 2.6 mi west of Grand Bay.	16.7	1958-81, 1987	9-22-87	22.0
02480260	Moungers Creek near Vancleave, MS	Lat 30°34'40", long 88°40'20", in SE¼ sec.27, T.5 S., R.7 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on county road, 3.4 mi north of Vancleave.	30.2	1958-63, 1987	9-22-87	10.1
TCHOUTACABOUFFA RIVER BASIN						
*02480500	Tuxachanie Creek near Biloxi, MS	Lat 30°30'36", long 88°54'40", in NW¼ sec.20, T.6 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on Old State Highway 15, 7.0 mi north of Biloxi.	92.4	1952-71†, 1972-87	4-29-87 7-28-87 9-22-87	24.8 44.9 51.1
WOLF RIVER BASIN						
02481400	Wolf River near Poplarville, MS	Lat 30°50'50", long 89°28'20", in NW¼ sec.26, T.2 S., R.15 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03170009, on State Highway 26, 3.9 mi east of Poplarville.	72.6	1952-55, 1957, 1959-61, 1964, 1966, 1971-73, 1987	4-28-87 7-28-87	24.7 5.59
02481500	Wolf River near Lyman, MS	Lat 30°35'40", long 89°20'25", in SW¼ sec.19, T.5 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on State Highway 53, 15 mi northwest of Lyman.	253	1944-48†, 1953-54, 1959, 1964-71†, 1986-87	4-29-87 7-27-87 9-21-87	1.07 40.8 95.6
PEARL RIVER BASIN						
02481650	Orphan Creek near Kiln, MS	Lat 30°26'38", long 89°28'58", in SE¼ sec.10, T.7 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on county road, 3.8 mi northwest of Kiln.	13.7	1953-55, 1957, 1959, 1987	9-21-87	1.40
02481807	Tallahaga Creek near Louisville, MS	Lat 33°02'16", long 89°05'00", in SE¼ sec.29, T.14 N., R.12 E., Choctaw Meridian, Winston County, Hydrologic Unit 03180001, on county road, 6.0 mi south of Louisville.	54.9	1984, 1986-87	4-27-87 7-31-87	12.5 .75
02481881	Pinishook Creek Tributary near Plattsburg, MS	Lat 32°58'20", long 89°10'39", in NW¼ sec.21, T.13 N., R.11 E., Choctaw Meridian, Winston County, Hydrologic Unit 03180001, on county road, 2.3 mi northeast of Plattsburg.	1.94	1986-87	4-27-87 7-28-87	.20 .02
02481911	Coonshuck Canal near House, MS	Lat 32°40'22", long 89°06'38", in SW¼ sec.31, T.10 N., R.12 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on county road, 7.9 mi west of House.	17.3	1981, 1986-87	10- 7-86 4-27-87 7-27-87	.46 3.37 .90

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
02481930	Lonsilocka Creek near Philadelphia, MS	Lat 32°42'48", long 89°09'00", in SE¼ sec.15, T.10 N., R.11 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on State Highway 15, 4.5 mi south of Philadelphia.	16.7	1952-56, 1959-60, 1970-71, 1981, 1987	9-21-87	0.32
02481950	Kentawka Creek near Philadelphia, MS	Lat 32°45'45", long 89°08'20", in NW¼ sec.35, T.11 N., R.11 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on State Highway 16, 1.5 mi west of Philadelphia.	141	1942-43, 1945, 1952-54, 1956, 1959-60, 1965, 1969-71, 1987	9-21-87	3.15
02482290	Standing Pine Creek near Freeny, MS	Lat 32°42'26", long 89°27'24", in NE¼ sec.22, T.10 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 488, 1.3 mi east of Freeny.	57.3	1958, 1960, 1962, 1970-71, 1985-87	4-27-87 7-27-87	23.6 14.5
02482300	Lobutchka Creek at Zama, MS	Lat 32°58'45", long 89°23'00", in SW¼ sec.16, T.13 N., R.9 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 19, 0.3 mi northwest of Zama.	139	1938-39, 1945, 1953-54, 1956, 1960, 1969, 1970-71, 1986-87	9-21-87	.14
02482500	Lobutchka Creek near Carthage, MS	Lat 32°45'39", long 89°27'38", in NE¼ sec.34, T.11 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 16, 5 mi northeast of Carthage.	309	1938-60, 1961-71, 1979, 1987	4-27-87 7-27-87	69.4 35.5
02482730	Sipsey Creek near Forest, MS	Lat 32°32'36", long 89°21'29", in NE¼ sec.15, T.8 N., R.9 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, on State Highway 21, 15 mi northeast of Forest.	81.3	1953, 1960, 1968-69, 1971, 1973, 1976, 1985, 1987	4-29-87 7-30-87	15.3 32.9
02483800	Yockanookany River at McCool, MS	Lat 33°12'10", long 89°21'11", in SW¼ sec.34, T.16 N., R.9 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 411, 0.2 mi west of McCool.	133	1985-87	4-30-87 7-30-87	15.4 6.33
02483950	Hurricane Creek near Kosciusko, MS	Lat 33°05'26", long 89°31'37", in NE¼ sec.12, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 12, 4.0 mi northeast of Kosciusko.	16.6	1953-56, 1987	9-21-87	.02
*02484600	Coffee Bogue at Ludlow, MS	Lat 32°34'25", long 89°43'48", in NW¼ sec.6, T.8 N., R.5 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180002, on county road, 1.0 mi northwest of Ludlow.	77.0	1971-87	7-30-87	.04
02485300	Pelahatchie Creek at Pelahatchie, MS	Lat 32°18'43", long 89°48'33", in SW¼ sec.32, T.6 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 80, 0.6 mi west of Pelahatchie.	66.7	1943-46, 1953-56, 1987	9-23-87	.12

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
02485730	Hog Creek near Jackson, MS	Lat 32°20'00", long 90°05'01", In SW¼ sec.27, T.6 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 468, 2.5 mi east of Jackson.	11.2	1954-56, 1987	9-24-87	0.42
02486997	Limestone Creek near Union, MS	Lat 31°54'39", long 90°06'17", in NW¼ sec.21, T.1 N., R.2 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on county road, 2.2 mi northwest of Union.	1.94	1985-87	5- 1-87 7-29-87	8.38 3.78
02487265	Caney Creek near Pulaski, MS	Lat 32°13'45", long 89°35'02", in SE¼ sec.33, T.5 N., R.7 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180002, on county road, 3.2 mi southeast of Pulaski.	29.6	1987	7-27-87	4.42
02487287	Purvis Creek near Puckett, MS	Lat 32°06'39", long 89°43'51", in SE¼ sec.12, T.3 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 13, 3.5 mi northeast of Puckett.	29.8	1985-87	5- 1-87 7-27-87	4.41 1.90
*02487300	Strong River near Puckett, MS	Lat 32°03'47", long 89°44'49", in SE¼ sec.26, T.3 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 18, 2.0 mi southeast of Puckett.	248	1950, 1954-70, 1972-87	9-22-87	13.3
02487400	Campbell Creek at Johns, MS	Lat 32°07'57", long 89°50'26", in NE¼ sec.1, T.3 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 18, 0.2 mi northwest of Johns.	17.9	1953-56, 1960, 1970, 1987	9-22-87	1.27
02487450	Campbell Creek near D'Lo, MS	Lat 32°00'37", long 89°52'43", in SW¼ sec.15, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on county road, 2.3 mi northeast of D'Lo.	55.6	1985-87	7-27-87	2.27
*02487500	Strong River at D'Lo, MS	Lat 31°58'40", long 89°53'53", in SW¼ sec.28, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on old U.S. Highway 49, 0.2 mi south of D'Lo.	425	1928-71†, 1972-87	5- 1-87 7-27-87 9-22-87	87.5 46.0 46.4
02487600	Dabbs Creek near D'Lo, MS	Lat 32°00'44", long 89°56'12", in SW¼ sec.18, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on U.S. Highway 49, 2.5 mi northwest of D'Lo.	54.8	1948-70, 1980, 1987	9-22-87	.64
02487601	Dabbs Creek at D'Lo, MS	Lat 31°59'51", long 89°55'26", in NE¼ sec.19, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on county road, 1.7 mi northwest of D'Lo.	57.6	1986-87	5- 1-87 7-27-87	2.47 .02
02488350	Fair River near Monticello, MS	Lat 31°37'04", long 90°07'48", in SE¼ sec.31, T.8 N., R.11 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 27, 4.5 mi north of Monticello.	104	1955-56, 1959-60, 1964, 1966-67, 1969-73, 1985-87	10- 6-86	27.6

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
02488351	Bear Creek at Wanilla, MS	Lat 31°38'16", long 90°08'00", in NE¼ sec.30, T.8 N., R.11 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 27, 0.5 mi southwest of Wanilla.	25.1	1966-67, 1985-87	10- 6-86 4-30-87	0.36 4.09
02488520	Halls Creek at Monticello, MS	Lat 31°31'55", long 90°06'34", in NE¼ sec.32, T.7 N., R.21 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 27, 1.2 mi south of Monticello.	42.6	1966-67, 1971, 1973, 1987	9-21-87	31.0
02488555	East Prong Silver Creek at Gwinville, MS	Lat 31°44'29", long 89°54'16", in SW¼ sec.15, T.9 N., R.19 W., St. Stephens Meridian, Jefferson Davis County, Hydrologic Unit 03180003, on county road, 0.5 mi south of Gwinville.	26.4	1986-87	5- 1-87 7-29-87	58.4 24.0
02488630	Silver Creek near Arm, MS	Lat 31°30'58", long 90°02'06", in SW¼ sec.5, T.6 N., R.20 W., (revised), St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 43, 2.0 mi northwest of Arm.	163	1985-87	10- 7-86 4-30-87 7-29-87	102 169 120
02488850	Holiday Creek at Goss, MS	Lat 31°20'45", long 89°52'49", in NE¼ sec.2, T.5 N., R.19 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180003, on State Highway 13, 0.8 mi southeast of Goss.	75.8	1966-69, 1987	9-22-87	71.9
02488950	Jones Creek at Columbia, MS	Lat 31°16'22", long 89°50'08", in NW¼ sec.32, T.4 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 13, 1.5 mi north of Columbia.	4.63	1953-55, 1957, 1959-60, 1987	9-22-87	1.50
02489236	Lower Little Creek near Purvis, MS	Lat 31°09'52", long 89°35'20", in NE¼ sec.3, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, on county road, 11.5 mi west of Purvis.	50.9	1987	9-25-87	33.2
02489240	Lower Little Creek near Baxterville, MS	Lat 31°09'30", long 89°37'40", in SE¼ sec.5, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, on county road, 5.0 mi northwest of Baxterville.	81.5	1961-71, 1986-87	4-28-87 7-27-87 9-25-87	86.1 51.3 50.8
02489263	Sweetwater Creek near Sandy Hook, MS	Lat 31°04'12", long 89°49'15", in NW¼ sec.7, T.1 N., R.14 E., Washington Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 35, 2.7 mi north of Sandy Hook.	3.02	1966-67, 1971, 1973, 1987	9-22-87	9.00
024892693	Clear Creek southwest of Baxterville, MS	Lat 31°04'02", long 89°38'25", in NE¼ sec.7, T.1 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, on county road, 3.2 mi southwest of Baxterville.	12.6	1985-87	4-28-87 7-27-87	14.1 8.66
02489270	Clear Creek near Sandy Hook, MS	Lat 31°02'16", long 89°44'27", in NE¼ sec.19, T.1 N., R.17 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 43, 3.5 mi east of Sandy Hook.	40.8	1966, 1971, 1973, 1985-87	9-22-87	29.0

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PEARL RIVER BASIN --Continued						
02490250	Bogue Chitto near Brookhaven, MS	Lat 31°32'40", long 90°28'36", in SW¼ sec.26, T.7 N., R.7 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, on U.S. Highway 84, 2.5 mi southwest of Brookhaven.	28.3	1945-46, 1952-70, 1972, 1982, 1987	9-23-87	1.25
02490300	Big Creek at Bogue Chitto, MS	Lat 31°26'46", long 90°27'24", in NW¼ sec.36, T.6 N., R.7 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, on U.S. Highway 51, 0.5 mi north of Bogue Chitto.	55.1	1952-70, 1986-87	9-23-87	13.9
02490310	Bogue Chitto at Bogue Chitto, MS	Lat 31°26'17", long 90°26'47", in SW¼ sec.31, T.6 N., R.8 E., Choctaw Meridian, Lincoln County, Hydrologic Unit 03180005, on county road, 0.3 mi east of Bogue Chitto.	161	1986-87	10- 8-86 4-30-87 7-29-87	28.1 41.0 37.4
02490350	Albritton Creek near Bogue Chitto, MS	Lat 31°22'49", long 90°28'19", in SW¼ sec.23, T.5 N., R.7 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, on U.S. Highway 51, 4.0 mi south of Bogue Chitto.	6.00	1952-54, 1956, 1959, 1968, 1973, 1982, 1987	9-23-87	2.73
02490448	East Fork Topisaw Creek near Pricedale, MS	Lat 31°19'34", long 90°18'07", in SE¼ sec.9, T.4 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on county road, 3.5 mi northwest of Pricedale.	57.6	1986-87	10- 7-86 4-30-87 7-28-87	18.9 26.9 21.2
02490449	West Fork Topisaw Creek near Pricedale, MS	Lat 31°19'10", long 90°19'12", in NW¼ sec.17, T.4 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on State Highway 591, 2.6 mi northwest of Pricedale.	43.4	1985-87	10- 7-86 4-30-87 7-28-87	14.5 22.8 17.8
02490450	Topisaw Creek at Pricedale, MS	Lat 31°17'12", long 90°18'00", in NE¼ sec.28, T.4 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on State Highway 44, 0.25 mi west of Pricedale.	110	1968-69, 1973, 1985-87	10- 7-86 9-23-87	43.6 59.9
02490479	Leatherwood Creek near Kioto, MS	Lat 31°12'18", long 90°15'24", in SW¼ sec.24, T.3 N., R.9 E., Washington Meridian, Walthall County, Hydrologic Unit 03180005, on county road, 3.0 mi north of Kioto.	30.6	1966-67, 1973, 1985-87	10- 7-86	5.37
02490480	Leatherwood Creek near Holmesville, MS	Lat 31°11'57", long 90°16'20", in NW¼ sec.26, T.3 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on county road, 2.2 mi southeast of Holmesville.	32.4	1953, 1955-56, 1960, 1966-68, 1987	9-23-87	11.9
02490750	McGees Creek at Tylertown, MS	Lat 31°06'53", long 90°07'49", in NE¼ sec.30, T.2 N., R.11 E., Washington Meridian, Walthall County, Hydrologic Unit 03180005, on U.S. Highway 98, 0.6 mi east of Tylertown.	152	1942-43, 1952-62, 1964, 1966-67, 1971, 1987	9-22-87	64.4
02492355	West Hobolochitto Creek near Poplarville, MS	Lat 30°48'00", long 89°39'15", in SW¼ sec.12, T.3 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on State Highway 26, 7.5 mi southwest of Poplarville.	95.3	1961-72, 1986-87	4-28-87 7-27-87	31.0 16.6

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
TENNESSEE RIVER BASIN						
03592100	Bear Creek near Tishomingo, MS	Lat 34°37'47", long 88°09'33", in SE¼ sec.20, T.5 S., R.11 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030006, on State Highway 30, 4.0 mi east of Tishomingo.	329	1913, 1954-57, 1966, 1987	9-21-87	74.3
03592500	Bear Creek at Bishop, AL	Lat 34°39'21", long 88°07'21", in SE¼ sec.5, T.5 S., R.15 W., Chickasaw Meridian, Colbert County, Hydrologic Unit 06030006, on county road, 0.8 mi southwest of Bishop.	667	1987	4-30-87	162
03592550	Cripple Deer Creek near Tishomingo, MS	Lat 34°41'54", long 88°13'14", in SW¼ sec.26, T.4 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030006, on State Highway 25, 4.2 mi north of Tishomingo.	10.7	1953, 1955-57, 1959-60, 1972, 1974, 1976-80, 1987	9-22-87	0
03592710	Little Yellow Creek near Burnsville, MS	Lat 34°49'08", long 88°16'54", in SE¼ sec.18, T.3 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on U.S. Highway 72, 3.0 mi southeast of Burnsville.	11.6	1972, 1974-75, 1977-79, 1980, 1987	9-22-87	1.52
03592750	Little Yellow Creek Drainage Canal near Burnsville, MS	Lat 34°51'04", long 88°20'40", in NW¼ sec.3, T.3 S., R.9 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on State Highway 72, 1.5 mi northwest of Burnsville.	15.2	1953, 1955-57, 1959-60, 1987	9-22-87	1.47
03593010	Chambers Creek at Kendrick, MS	Lat 34°58'51", long 88°22'12", in SE¼ sec.19, T.1 S., R.9 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 06040001, on county road, 0.5 mi north of Kendrick.	22.0	1940-61, 1971-72, 1987	9-22-87	1.03
HATCHIE RIVER BASIN						
07029250	Hatchie River near Ripley, MS	Lat 34°43'28", long 88°52'36", in NW¼ sec.22, T.4 S., R.5 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on State Highway 4, 10.5 mi east of Ripley.	37.4	1953-57, 1960, 1966, 1972, 1974, 1987	9-24-87	7.00
07029260	Little Hatchie River near Ripley, MS	Lat 34°45'05", long 88°50'01", in NW¼ sec.12, T.4 S., R.4 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on county road, 6.5 mi east of Ripley.	31.9	1953, 1955-57, 1959, 1974, 1987	9-24-87	7.04
07029267	Hatchie River near Kossuth, MS	Lat 34°49'06", long 88°43'45", in SW¼ sec.13, T.3 S., R.5 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on State Highway 2, 6.3 mi southwest of Kossuth.	129	1985-87	10- 8-86 4-30-87 7-28-87	14.8 53.8 13.7
07029270	Hatchie River near Walnut, MS	Lat 34°56'37", long 88°47'08", in NW¼ sec.4, T.2 S., R.5 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on U.S. Highway 72, 6.5 mi east of Walnut.	279	1986-87	10- 8-86 4-30-87	43.6 123

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
HATCHIE RIVER BASIN--Continued						
070292784	Tuscumbia River Canal near Biggersville, MS	Lat 34°50'30", long 88°30'56", in NE¼ sec.12, T.3 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on county road, 2.5 mi northeast of Biggersville.	248	1985-87	10- 8-86 4-30-87 7-28-87	11.6 50.0 11.4
07029295	McElroy Creek near Corinth, MS	Lat 34°53'41", long 88°35'31", in NW¼ sec.20, T.2 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on county road, 5.0 mi southwest of Corinth.	13.2	1986-87	10- 8-86 4-30-87 7-28-87	0 1.27 0
07029300	Tuscumbia River near Corinth, MS	Lat 34°55'52", long 88°35'49", in SE¼ sec.6, T.2 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on U.S. Highway 72, 4.0 mi west of Cornith.	277	1950-71, 1986-87	10- 8-86 4-30-87	16.1 67.4
07029415	Muddy Creek at Walnut, MS	Lat 34°57'10", long 88°52'40", in NE¼ sec.33, T.1 S., R.4 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on U.S. Highway 72, 1.0 mi east of Walnut.	88.9	1955-57, 1972, 1974, 1987	9-23-87	2.27
07030360	Wolf River near Brody, MS	Lat 34°54'15", long 89°04'44", in SW¼ sec.15, T.2 S., R.2 E., Chickasaw Meridian, Benton County, Hydrologic Unit 087010210, on county road, 1.6 mi south of Brody.	20.8	1955-57, 1987	9-23-87	.11
07030364	Grogg Creek at Canaan, MS	Lat 34°55'32", long 89°06'41", in NE¼ sec.8, T.2 S., R.2 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on county road, 0.1 mi southeast of Canaan.	15.0	1985-87	4-30-87 7-28-87	6.49 2.91
07030380	Grays Creek near Springhill, MS	Lat 34°56'48", long 89°16'22", in NE¼ sec.2, T.2 S., R.1 W., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on U.S. Highway 72, 3.5 mi northwest of Springhill.	22.4	1953, 1955-57, 1959, 1974, 1986-87	9-23-87	10.5
07030390	Grays Creek near Michigan City, MS	Lat 34°58'00", long 89°16'27", in SW¼ sec.26, T.1 S., R.1 W., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on State Highway 7, 1.8 mi southwest of Michigan City.	23.5	1955-57, 1959-60, 1974, 1987	9-23-87	14.2
YAZOO RIVER BASIN						
07265500	Little Tallahatchie River near New Albany, MS	Lat 34°34'38", long 88°53'40", in NE¼ sec.8., T.6 S., R.4 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on county road, 9.0 mi northeast of New Albany.	24.1	1939-41, 1972, 1987	9-22-87	14.5
07266000	Cane Creek near New Albany, MS	Lat 34°34'20", long 88°57'20", in SW¼ sec.11, T.6 S., R.3 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on county road, 6.2 mi northeast of New Albany.	22.5	1950-74, 1986-87	10- 9-86 4-30-87 7-28-87 9-24-87	2.07 14.7 3.61 1.88

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
*07267000	Hell Creek near New Albany, MS	Lat 34°30'55", long 89°03'10", in SW¼ sec.36, T.6 S., R.2 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on U.S. Highway 78, 3.0 mi northwest of New Albany.	26.8	1939-42, 1952-87	9-22-87	0.27
07267095	Cherry Creek near Ecru, MS	Lat 34°20'27", long 88°59'02", in SE¼ sec.33, T.8 S., R.3 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 08030201, on State Highway 345, 2.4 mi south-east of Ecru.	8.93	1986-87	10- 9-86 4-29-87 7-29-87	.29 6.30 .90
07267100	Lappatubby Creek at Ecru, MS	Lat 34°20'59", long 89°02'03", in NE¼ sec.36, T.8 S., R.2 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 08030201, on State Highway 15, 0.5 mi west of Ecru.	48.6	1986-87	10- 9-86 4-29-87 7-29-87	5.01 21.2 2.60
07267500	Locks Creek near Etta, MS	Lat 34°28'02", long 89°08'22", in SE¼ sec.13, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on State Highway 30, 4.0 mi east of Etta.	29.0	1939-40, 1987	9-22-87	0
07268200	Fice Creek at Etta, MS	Lat 34°28'16", long 89°14'21", in SW¼ sec.18, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on State Highway 30, 0.8 mi west of Etta.	9.18	1952-70, 1985-87	9-22-87	.42
*07268500	Cypress Creek near Etta, MS	Lat 34°26'30", long 89°17'25", in SE¼ sec.27, T.7 S., R.1 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 30, 4.5 mi southwest of Etta.	28.4	1939-42 , 1952-87	9-22-87	5.56
07268750	Wolf Creek near Etta, MS	Lat 34°29'38", long 89°19'03", in NE¼ sec.8, T.7 S., R.1 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on county road, 5.0 mi northwest of Etta.	7.14	1985-87	4-28-87 7-28-87	1.43 .21
07269000	North Tippah Creek near Ripley, MS	Lat 34°43'59", long 89°01'35", in SW¼ sec.18, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, on State Highway 4, 5.5 mi west of Ripley.	19.3	1939-42 , 1952-87	9-23-87	.49
07269500	Tippah Drainage Canal near Blue Mountain, MS	Lat 34°41'28", long 89°00'03", in SE¼ sec.32, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, on State Highway 15, 2.2 mi north of Blue Mountain.	19.4	1953, 1955-57, 1959-61, 1973, 1987	9-23-87	2.51
07269600	South Tippah Creek near Blue Mountain, MS	Lat 34°42'35", long 89°02'07", in NE¼ sec.25, T.4 S., R.2 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, on county road, 2.5 mi north of Blue Mountain.	30.3	1955-57, 1961, 1964, 1986-87	10- 9-86	4.19
07269790	Rhoden Creek near Pine Grove, MS	Lat 34°45'22", long 89°10'10", in NW¼ sec.11, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on State Highway 4, 4.3 mi south of Pine Grove.	7.73	1961, 1964, 1985-87	10- 9-86 4-30-87 7-28-87	5.81 7.79 5.51

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Discharge	
					Date	(ft ³ /s)
YAZOO RIVER BASIN--Continued						
07269800	Tippah Creek near Ashland, MS	Lat 34°44'37", long 89°10'50", in NE¼ sec.15, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on State Highway 5, 6.0 mi south of Ashland.	142	1955-57, 1959, 1972-73, 1987	9-23-87	22.7
07269815	Snow Creek near Pine Grove, MS	Lat 34°43'23", long 89°14'06", in NE¼ sec.19, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on county road, 3.5 mi northwest of Pine Grove.	48.7	1985-87	10- 9-86 5- 1-87 7-28-87	47.5 57.4 51.3
07269880	Tippah River near Potts Camp, MS	Lat 34°39'41", long 89°18'52", in NW¼ sec.9, T.6 S., R.1 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on U.S. Highway 78, 1.3 mi north of Potts Camp.	248	1955-56, 1958-59, 1974, 1986-87	9-23-87	81.5
07269970	Chewalla Creek near Potts Camp, MS	Lat 34°40'41", long 89°19'52", in SW¼ sec.5, T.5 S., R.1 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on U.S. Highway 78, 1.8 mi northwest of Potts Camp.	43.2	1953-56, 1959, 1961, 1972, 1987	9-23-87	57.3
07270500	Bagley Creek near Abbeville, MS	Lat 34°30'18", long 89°24'53", in SW¼ sec.4, T.7 S., R.2 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on county road, 5.0 mi east of Abbeville.	9.96	1939-41†, 1971, 1974, 1987	9-23-87	.78
07270540	Big Spring Creek near Waterford, MS	Lat 34°38'03", long 89°23'44", in NW¼ sec.22, T.5 S., R.2 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on county road, 3.5 mi east of Waterford.	37.8	1986-87	5- 1-87 7-28-87	24.7 21.2
07271000	Clear Creek near Oxford, MS	Lat 34°21'20", long 89°39'30", in SE¼ sec.30, T.8 S., R.4 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 6, 8.3 mi west of Oxford.	10.4	1939-41, 1950-74, 1986-87	4-29-87 7-27-87	10.3 11.7
07273100	Hotopha Creek near Batesville, MS	Lat 34°21'50", long 89°52'42", in NW¼ sec.30, T.8 S., R.6 W., Panola County, Hydrologic Unit 08030210, on State Highway 35, 4.4 mi northeast of Batesville.	35.1	1975, 1986-87	10-15-86 7-29-87	5.99 4.28
07273800	Yocona River near Tula, MS	Lat 34°15'34", long 89°21'32", in NE¼ sec.36, T.9 S., R.2 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, on State Highway 331, 1.9 mi north of Tula.	121	1986-87	4-28-87 7-27-87	28.6 4.88
07274100	Humphreys Creek near Taylor, MS	Lat 34°14'35", long 89°34'01", in NE¼ sec.1, T.10 S., R.4 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, on State Highway 7, 2.4 mi southeast of Taylor.	5.12	1986-87	4-28-87 7-27-87	3.34 1.99
07274251	Town Creek at Water Valley, MS	Lat 34°08'50", long 89°38'02", in NE¼ sec.8, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, on State Highway 7, 0.8 mi south of Water Valley.	2.25	1976, 1986-87	10-16-86 4-28-87 7-28-87	2.18 2.04 .68

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
*07275500	Long Creek at Courtland, MS	Lat 34°14'40", long 89°56'25", in SE¼ sec.9, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, on U.S. Highway 51, 1.0 mi south of Courtland.	62.3	1940-43†, 1948, 1952-87	9-23-87	5.67
07275530	Peters (Long) Creek near Pope, MS	Lat 34°12'50", long 89°58'54", in SW¼ sec.18, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, on county road, 2.0 mi west of Pope.	79.2	1985-87	4-30-87 7-28-87	16.3 10.3
07275950	Coldwater River near Lewisburg, MS	Lat 34°51'38", long 89°48'24", in SW¼ sec.35, T.2 S., R.6 W., Chickasaw Meridian, DeSoto County, Hydrologic Unit 08030204, on county road, 1.5 mi east of Lewisburg.	210	1986-87	4-30-87 7-29-87	65.0 48.8
07276460	Pigeon Roost Creek near Red Banks, MS	Lat 34°45'10", long 89°34'54", in NE¼ sec.11, T.4 S., R.4 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, on county road, 5.3 mi south of Red Banks.	50.1	1986-87	4-30-87 7-28-87	17.1 14.4
07277000	Pigeon Roost Creek near Lewisburg, MS	Lat 34°49'49", long 89°49'20", in NW¼ sec.15, T.3 S., R.6 W., Chickasaw Meridian, De Soto County, Hydrologic Unit 08030204, on county road, 2.4 mi south of Lewisburg.	228	1940-78, 1986-87	4-30-87 7-29-87 9-24-87	98.9 92.1 87.2
07277100	Camp Creek near Pleasant Hill, MS	Lat 34°55'05", long 89°52'21", in SE¼ sec.7, T.2 S., R.6 W., Chickasaw Meridian, DeSoto County, Hydrologic Unit 08030204, on county road, 1.3 mi northeast of Pleasant Hill.	32.0	1953, 1955-56, 1987	9-24-87	.41
07277200	Camp Creek near Lewisburg, MS	Lat 34°51'37", long 89°53'00", in SE¼ sec.36, T.2 S., R.7 W., Chickasaw Meridian, De Soto County, Hydrologic Unit 08030204, on county road, 3.0 mi west of Lewisburg.	55.6	1975, 1980-87	4-30-87 7-29-87	2.30 .45
07277730	Senatobia Creek near Senatobia, MS	Lat 34°37'00", long 89°56'33", in NW¼ sec.28, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 4, 0.5 mi east of Senatobia.	64.6	1943-79, 1985-87	10-15-86 4-29-87 7-29-87	7.89 11.3 8.34
07279550	Arkabutla Creek near Senatobia, MS	Lat 34°37'08", long 90°02'00", in NW¼ sec.27, T.5 S., R.8 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 4, 3.5 mi west of Senatobia.	60.0	1953, 1955-56, 1959-60, 1975, 1987	9-24-87	3.58
07279620	Arkabutla Creek near Savage, MS	Lat 34°36'32", long 90°12'27", in NE¼ sec.36, T.5 S., R.10 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 4, 1.8 mi southeast of Savage.	112	1947-79, 1986-87	4-29-87 7-29-87	14.2 9.26
07279647	Strayhorn Creek near Savage, MS	Lat 34°36'16", long 90°12'25", in SW¼ sec.36, T.5 S., R.10 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 3, 2.2 mi southeast of Savage.	48.4	1975, 1985-87	4-29-87 7-29-87	3.32 .53

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
07280400	Tillatoba Creek at Charleston, MS	Lat 33°59'59", long 90°03'55", in NW¼ sec.35, T.25 N., R.2 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on State Highway 35, 0.1 mi south of Charleston.	115	1909, 1953, 1955-56, 1959, 1973, 1975-78, 1985-87	9-23-87	9.57
07280500	North Fork Tillatoba Creek near Charleston, MS	Lat 34°02'15", long 90°03'00", in NE¼ sec.14, T.25 N., R.2 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on county road, 2.3 mi north of Charleston.	44.8	1909, 1941-42†, 1943, 1952-56, 1959-60, 1973, 1987	9-23-87	4.61
07282200	Shutispear Creek near Slate Springs, MS	Lat 33°46'31", long 89°21'50", in NW¼ sec.16, T.22 N., R.9 E., Choctaw Meridian, Calhoun County, Hydrologic Unit, 08030205, on State Highway 9, 2.5 mi north of Slate Springs.	35.5	1971, 1986-87	4-29-87 7-28-87	4.94 1.83
07283209	Brushy Creek on county road near Bruce, MS	Lat 34°01'00", long 89°25'17", in SE¼ sec.20, T.12 S., R.2 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, on county road, 4.5 mi southwest of Bruce.	21.4	1986-87	4-29-87 7-27-87	5.27 2.21
07283725	Turkey Creek near Velma, MS	Lat 34°00'49", long 89°36'28", in SW¼ sec.19, T.25 N., R.7 E., Choctaw Meridian, Yalobusha County, Hydrologic Unit 08030205, on county road, 3.6 mi southeast of Velma.	41.3	1986-87	4-29-87 7-27-87	14.5 3.94
07284000	Cypress Creek near Coffeeville, MS	Lat 33°57'15", long 89°41'35", in SW¼ sec.8, T.24 N., R.6 E., Choctaw Meridian, Yalobusha County, Hydrologic Unit 08030205, on State Highway 7, 1.8 mi southwest of Coffeeville.	22.3	1941-43, 1954-57, 1960, 1970, 1974, 1987	9-23-87	3.16
07285080	Little Bogue Creek near Duck Hill, MS	Lat 33°40'30", long 89°40'53", in NE¼ sec.20, T.21 N., R.6 E., Choctaw Meridian, Montgomery County, Hydrologic Unit 08030205, on county road, 3.5 mi northeast of Duck Hill.	78.9	1971, 1986-87	4-29-87	12.7
07285880	O'Neil Creek near Tinsley, MS	Lat 32°44'58", long 90°29'15", in NE¼ sec.3, T.10 N., R.3 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on State Highway 3, 2.1 mi (revised) northwest of Tinsley.	43.4	1987	4-30-87 7-31-87	9.54 3.04
07286300	Potacocowa Creek at Avalon, MS	Lat 33°40'07", long 90°04'24", in NE¼ sec.22, T.21 N., R.2 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on State Highway 7, 1 mi northeast of Avalon.	65.2	1987	4-29-87 7-29-87	19.0 10.7
07286500	Thompson Creek near McCarley, MS	Lat 33°31'25", long 89°50'40", in SE¼ sec.11, T.19 N., R.4 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on county road, 0.6 mi west of McCarley.	14.5	1951-53, 1955-64, 1987	4-29-87 7-29-87 9-25-87	4.39 1.58 1.23
07287047	Pelucia Creek near Carrollton, MS	Lat 33°27'42", long 89°57'21", in SW¼ sec.35, T.19 N., R.3 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on State Highway 17, 3.8 mi southwest of Carrollton.	42.5	1986-87	4-29-87 7-29-87	22.4 15.6

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
07287100	Pelucia Creek at Rising Sun, MS	Lat 33°27'31", long 90°12'32", in SE¼ sec.32, T.19 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030206, on U.S. Highway 49E, 0.3 mi south of Rising Sun.	64	1953-55, 1957, 1984, 1987	9-24-87	18.8
07287150	Abiacha Creek near Pine Bluff, MS	Lat 33°20'24", long 90°09'05", in NW¼ sec.13, T.17 N., R.1 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030206, on county road, 0.4 mi southeast of Pine Bluff.	95.0	1956-78, 1985-87	4-29-87 7-29-87	34.8 33.4
07287160	Abiacha Creek at Cruger, MS	Lat 33°20'30", long 90°14'14", in NW¼ sec.18, T.17 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on U.S. Highway 49E, 1.0 mi north of Cruger.	95.5	1915, 1953-54, 1957, 1959, 1987	9-24-87	21.6
07287430	Tesheva Creek near Eden, MS	Lat 32°58'40", long 90°17'55", in NE¼ sec.16, T.13 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on county road, 1.3 mi east of Eden.	59.2	1985, 1987	4-30-87 7-31-87	4.77 1.57
07287480	Piney Creek near Yazoo City, MS	Lat 32°54'25", long 90°22'58", in NE¼ sec.10, T.12 N., R.2 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on U.S. Highway 49 E, 3.0 mi northeast of Yazoo City.	70.3	1953-70, 1979-81, 1986-87	4-30-87 7-31-87	10.0 2.61
07287550	Short Creek near Yazoo City, MS	Lat 32°48'56", long 90°26'56", in NW¼ sec.7, T.11 N., R.2 W., (revised), Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on State Highway 3, 3.0 (revised) mi southwest of Yazoo City.	36.6	1987	4-30-87 7-31-87	9.82 1.69
07288000	Sunflower River at Clarksdale, MS	Lat 34°12'07", long 90°34'36", in SE¼ sec.23, T.27 N., R.4 W., Choctaw Meridian, Coahoma County, Hydrologic Unit 08030207, on old U.S. Highway 61, 0.4 mi south of Clarksdale.	108	1940-42, 1954, 1973-74, 1987	9-23-87	6.12
07288796	Ballground Creek at Ballground, MS	Lat 32°32'07", long 90°45'20", in SW¼ sec.18, T.18 N., R.5 E., Washington Meridian, Warren County, Hydrologic Unit 08030208, on State Highway 3, 0.4 mi southwest of Ballground.	19.9	1958, 1987	7-31-87	2.76
BIG BLACK RIVER BASIN						
07289112	Calabrella Creek near Tomnolen, MS	Lat 33°33'18", long 89°24'52", in NW¼ sec.36, T.20 N., R.8 E., (revised), Choctaw Meridian, Webster County, Hydrologic Unit 08060201, on county road, 5.2 mi northwest of Tomnolen.	14.7	1983, 1986-87	4-29-87 7-28-87	2.19 .38
07289140	Calabrella Creek near Tomnolen, MS	Lat 32°28'13", long 89°23'13", in NE¼ sec.31, T.19 N., R.9 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, on U.S. Highway 82, 1.8 mi southwest of Tomnolen.	52.0	1952, 1954, 1956-57, 1959-60, 1966, 1971-72, 1987	9-22-87	2.91

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
BIG BLACK RIVER BASIN--Continued						
07289180	Big Black River near Kilmichael, MS	Lat 33°25'21", long 89°33'23", in SE¼ sec.15, T.18 N., R.7 E., Choctaw Meridian, Montgomery County, Hydrologic Unit 08060201, on State Highway 413, 1.1 mi southeast of Kilmichael.	564	1937-62, 1964-78, 1987	9-22-87	9.67
07289210	Big Bywy Ditch near Mathiston, MS	Lat 33°26'30", long 89°09'06", in NW¼ sec.9, T.18 N., R.11 E., Choctaw Meridian, Choctaw County, Hydrologic Unit 08060201, on State Highway 15, 5.7 mi southwest of Mathiston.	21.6	1952, 1954, 1956-57, 1959-60, 1965-66, 1971, 1982, 1987	9-23-87	.16
07289215	Big Bywy Ditch near Pellez, MS	Lat 33°27'23", long 89°21'59", in NW¼ sec.4, T.18 N., R.9 E., Choctaw Meridian, Choctaw County, Hydrologic Unit 08060201, on county road, 1.2 mi south of Pellez.	114	1966, 1971, 1987	9-22-87	1.52
07289270	Hayes Creek near Vaiden, MS	Lat 33°18'17", long 89°42'22", in SE¼ sec.30, T.17 N., R.6 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08060205, on State Highway 35, 2.5 mi southeast of Vaiden.	89.0	1952-54, 1956, 1959, 1961, 1964, 1966, 1987	9-25-87	1.58
07289340	Zilpha Creek near Hesterville, MS	Lat 33°14'02", long 89°41'43", in NW¼ sec.21, T.16 N., R.6 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, on county road, 5.8 mi (revised) northwest of Hesterville.	98.2	1985-87	5- 1-87 7-27-87	20.0 7.16
07289430	Apookta Creek near Possumneck, MS	Lat 33°06'53", long 89°46'26", in NE¼ sec.34, T.15 N., R.5 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, on county road, 3.0 mi southwest of Possumneck.	93.3	1985-87	5- 1-87 7-29-87	16.1 4.53
07289466	Seneasha Creek near Pickens, MS	Lat 32°55'06", long 89°53'13", in NE¼ sec.4, T.12 N., R.4 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, on county road, 6.0 mi (revised) northeast of Pickens.	102	1966, 1968, 1971, 1975, 1985-87	4-30-87 7-30-87	16.2 5.97
07289500	Big Black River at Pickens, MS	Lat 32°52'50", long 89°57'58", in SW¼ sec.14, T.12 N., R.3 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08060201, on old U.S. Highway 51, 0.5 mi southeast of Pickens.	1493	1936-71, 1972-79, 1987	4-30-87 7-30-87 9-24-87	318 182 118
07289505	Big Cypress Creek near Vaughn, MS	Lat 32°49'59", long 90°02'14", in NW¼ sec.6, T.11 N., R.3 E., Choctaw Meridian, Yazoo County, Hydrologic Unit 08060202, on county road, 1.8 mi north of Vaughn.	86.6	1960-70, 1979, 1986-87	4-30-87	2.44
07289530	Doaks Creek near Canton, MS	Lat 32°43'54", long 89°59'35", in NW¼ sec.9, T.10 N., R.3 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on State Highway 51, 8.5 mi northeast of Canton.	164	1943, 1948-70, 1973, 1979, 1982, 1985-87	4-30-87 7-30-87	25.1 14.5

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
BIG BLACK RIVER BASIN--Continued						
07289686	Cypress Creek near Bentonia, MS	Lat 32°40'53", long 90°15'26", in SW¼ sec.25, T.10 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08060202, on county road, 7.1 mi northeast of Bentonia.	32.4	1966, 1987	4-30-87 7-30-87	0.13 .03
07290005	Clear Creek near Bovina, MS	Lat 32°21'42", long 90°43'32", in SE¼ sec.17, T.6 N., R.5 E., Washington Meridian, Warren County, Hydrologic Unit 08060202, on county road, 1.0 mi northeast of Bovina.	32.0	1953-87	7-27-87	5.39
07290119	Fourteen Mile Creek south of Edwards, MS	Lat 32°15'48", long 90°37'20", in NW¼ sec.21, T.5 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on State Highway 467, 4.8 mi south of Edwards.	238	1965, 1987	7-27-87	12.0
07290210	Big Black River near Port Gibson, MS	Lat 32°04'53", long 90°55'36", in SE¼ sec.42, T.13 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060202, on U.S. Highway 61, 9.0 mi north of Port Gibson.	3334	1964-67, 1972, 1987	9-27-87	234
BAYOU PIERRE BASIN						
07290350	Turkey Creek near Dentville, MS	Lat 31°56'55", long 90°31'17", in SE¼ sec.5, T.1 N., R.3 W., Choctaw Meridian, Copiah County, Hydrologic Unit 08060203, on State Highway 472, 2.0 mi southeast of Dentville.	39.8	1953-54, 1956, 1959, 1971, 1973, 1985-87	7-30-87	9.80
07290420	Foster Creek near Smyrna, MS	Lat 31°52'31", long 90°37'22", in SE¼ sec.32, T.1 N., R.4 W., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 6.5 mi west of Smyrna.	49.8	1971, 1987	7-30-87	3.48
07290500	Bayou Pierre near Carpenter, MS	Lat 32°00'10", long 90°41'24", in NE¼ sec.22, T.12 N., R.5 E., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on State Highway 18, 2.0 mi south of Carpenter.	371	1945-71, 1975, 1986-87	7-30-87 9-27-87	46.8 41.2
07290549	Tallahalla Creek near Utica, MS	Lat 32°07'59", long 90°32'37", in NW¼ sec.6, T.3 N., R.3 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060203, on county road, 4.7 mi northeast of Utica.	57.0	1987	7-30-87	.72
07290670	Little Bayou Pierre near Peyton, MS	Lat 31°50'59", long 90°44'43", in SE¼ sec.7, T.10 N., R.5 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on county road, 3.1 mi northeast of Peyton.	45.1	1985-87	7-30-87	3.74
07290688	Clarks Creek near Peyton, MS	Lat 31°51'32", long 90°50'48", in SE¼ sec.7, T.10 N., R.4 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 547, 2.5 mi northwest of Peyton.	59.4	1962-63, 1978, 1985-87	7-30-87	5.32

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987						
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
BAYOU PIERRE BASIN--Continued						
07290700	Willis Creek near Port Gibson, MS	Lat 31°54'59", long 90°55'48", in NE¼ sec.28, T.11 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 547, 4.0 mi southeast of Port Gibson.	49.6	1953-54, 1956, 1959, 1961-63, 1987	9-25-87	3.18
COLES CREEK BASIN						
*07290800	North Fork Coles Creek at Melton, MS	Lat 31°46'32", long 91°03'09", in NE¼ sec.13, T.9 N., R.2 E., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on U.S. Highway 61, 0.5 mi south of Melton.	70.0	1953-56, 1959, 1961-63, 1985-87	9-25-87	3.89
07290840	South Fork Coles Creek near Cannonsburg, MS	Lat 31°38'34", long 91°10'57", in NW¼ sec.35, T.8 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on U.S. Highway 61, 1.5 mi northeast of Cannonsburg.	40.6	1953, 1955-56, 1959, 1961-63, 1973, 1987	9-25-87	4.38
07290850	Folkes Creek near Cannonsburg, MS	Lat 31°38'46", long 91°09'33", in NW¼ sec.33, T.8 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on U.S. Highway 61, 3.1 miles northeast of Cannonsburg.	31.0	1953, 1955-56, 1959, 1962, 1982, 1987	9-25-87	3.31
HOMOCHITTO RIVER BASIN						
07291500	Homochitto River near Bude, MS	Lat 31°26'24", long 90°51'21", in NE¼ sec.45, T.6 N., R.3 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 98, 1.6 mi south of Bude.	407	1942-50, 1961, 1965, 1972-74, 1986-87	10- 9-86 4-28-87 7-27-87 9-25-87	133 238 197 141
07291800	Middleton Creek near Meadville, MS	Lat 31°24'10", long 90°54'48", in NE¼ sec.22, T.5 N., R.3 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on county road, 5.0 mi south of Meadville.	27.7	1986-87	10- 9-86 4-28-87 7-27-87	5.32 16.2 6.89
07292000	Brushy Creek near Gloster, MS	Lat 31°17'28", long 90°58'00", in SW¼ sec.27, T.4 N., R.2 E., Washington Meridian, Amite County, Hydrologic Unit 08060205, on county road, 8.0 mi northeast of Gloster.	30.9	1942-43, 1953, 1955-56, 1968, 1987	9-24-87	12.8
07293200	Wells Creek at Roxie, MS	Lat 31°30'24", long 91°03'50", in NE¼ sec.19, T.6 N., R.1 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 84, 0.1 mi northeast of Roxie.	11.2	1945-46, 1953, 1955-56, 1959, 1968, 1987	9-24-87	2.07
07293490	Sandy Creek near Kingston, MS	Lat 31°22'55", long 91°14'41", in SW¼ sec.28, T.5 N., R.1 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on county road, 3.1 mi southeast of Kingston.	50.1	1962-63, 1973, 1982, 1987	10- 9-86	15.4
07294500	Homochitto River near Dolorosa, MS.	Lat 31°19'53", long 91°21'37", in SW¼ sec.10, T.4 N., R.2 E., Washington Meridian, Wilkinson County, Hydrologic Unit 08060205, on U.S. Highway 61, 2.2 mi north of Dolorosa.	1138	1938, 1940-46, 1949-51, 1953-78, 1986-87	4-28-87 7-27-87 9-24-87	597 936 309

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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Discharge measurements made at low-flow partial-record stations during water year 1987

Discharge measurements made at low-flow partial-record stations during water year 1987					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
BUFFALO RIVER BASIN						
07294870	Buffalo River near Wilkinson, MS	Lat 31°06'14", long 91°09'36", in SE¼ sec.25, T.2 N., R.1 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on county road, 10.2 mi southeast of Wilkinson.	26.4	1986-87	4-29-87 7-27-87	18.7 15.9
07294900	Buffalo River near Centreville, MS	Lat 31°08'43", long 91°11'30", in SW¼ sec.11, T.2 N., R.1 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on county road, 8.3 mi northwest of Centreville.	91.7	1987	10-10-86	12.7
TANGIPAHOA RIVER BASIN						
07375234	Tangipahoa River near McComb, MS	Lat 31°12'40", long 90°31'20", in NE¼ sec.20, T.3 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on State Highway 24, 3.1 mi southwest of McComb.	46.8	1985-87	10- 8-86 4-29-87 7-28-87	11.8 16.3 14.1
07375285	Bala Chitto Creek near Osyka, MS	Lat 31°01'44", long 90°24'04", in NE¼ sec.28, T.1 N., R.8 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on county road, 4.0 mi northeast of Osyka.	46.5	1985-87	10- 8-86 4-29-87 7-28-87	7.89 13.4 11.9
TICKFAW RIVER BASIN						
07375750	Tickfaw River at Gillsburg, MS	Lat 31°01'22", long 90°38'48", in NW¼ sec.30, T.1 N., R.6 E., Washington Meridian, Amite County, Hydrologic Unit 08070203, on State Highway 584, 0.4 mi east of Gillsburg.	43.6	1985-87	10- 8-86 4-29-87 7-28-87	10.6 15.2 15.0
AMITE RIVER BASIN						
07376640	East Fork Amite River at Mars Hill, MS	Lat 31°18'25", long 90°38'03", in NE¼ sec.19, T.4 N., R.6 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 570, 0.4 mi northwest of Mars Hill.	39.1	1982, 1985, 1987	10- 8-86 4-30-87 7-29-87	12.4 17.3 15.0
07376648	East Fork Amite River near Thompson, MS	Lat 31°12'17", long 90°40'21", in SE¼ sec.23, T.3 N., R.5 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on county road, 3.0 mi southwest of Thompson.	86.5	1959, 1964, 1968, 1973, 1985-87	10- 8-86	34.2
07376720	Tanyard Creek at Liberty, MS	Lat 31°09'28", long 90°48'57", in NW¼ sec.9, T.2 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 24, 0.2 mi west of Liberty.	9.92	1949-50, 1952-53, 1955-56, 1959, 1968, 1971, 1987	9-24-87	4.01
07376775	Beaver Creek near Beechwood, MS	Lat 31°00'27", long 90°55'14", in SW¼ sec.47, T.1 N., R.3 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 569, 7.9 mi south of Beechwood.	101	1987	4-29-87 7-28-87	43.2 42.8

‡ Operated as a continuous-record gaging station.

* Also a crest-stage partial-record station.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Special study and miscellaneous sites

Discharge measurements in the following table were made at special study and miscellaneous sites throughout the State.

Discharge measurements made at special study and miscellaneous sites during water year 1987

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN						
024299315 Big Brown Creek near Hazeldell, MS	Tombigbee River	Lat 34°28'08", long 88°26'12", in SE¼ sec.15, T.7 S., R.8 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on Natchez Trace Parkway, 2.4 mi southwest of Hazeldell.	94.4	---	2-28-87	3,190
02429962 Little Brown Creek near Hazeldell, MS	Tombigbee River	Lat 34°28'12", long 88°25'28", in SE¼ sec.14, T.7 S., R.8 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on Natchez Trace Parkway, 1.8 mi southwest of Hazeldell.	50.7	---	2-28-87	1,190
*02437600 James Creek at Aberdeen, MS	Tombigbee River	Lat 33°48'48", long 88°33'59", in SE¼ sec.33, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 25, 0.8 mi southeast of Aberdeen.	28.4	1963-69, 1977-83, 1985-86	5- 5-87	.03
*02440600 Line Creek near Maben, MS	Tibbee Creek	Lat 33°39'17", long 89°03'41", in SW¼ sec.26, T.16 S., R.2 E., Chickasaw Meridian, Webster County, Hydrologic Unit 08060201, on State Highway 15, 7.0 mi north of Maben.	4.76	1952-86	2-26-87	263
*02443000 Luxapallila Creek at Steens, MS	Tombigbee River	Lat 33°33'35", long 88°18'55", in NE¼ sec.27, T.17 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on county highway, 0.2 mi southeast of Steens.	309	1944-47 , 1950-77 , 1978-86	1- 7-87 2-17-87 3-31-87 4-29-87 5-12-87 6-17-87 7-21-87 9-15-87	238 2,270 555 129 139 159 51.6 ⁺ 65.7
02443604 Ellis Creek near Columbus, MS	Tombigbee River	Lat 33°24'34", long 88°20'01", in SE¼ sec.17, T.19 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on State High- way 69, 6.5 mi southeast of Columbus.	17.9	---	11-25-86	161
02443712 Nash Creek near Columbus, MS	Tombigbee River	Lat 33°22'56", long 88°18'48", in E¼ sec.28, T.19 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on State High- way 69, 8.8 mi southeast of Columbus.	13.0	---	11-25-86	79.9
PASCAGOULA RIVER BASIN						
*02471100 Leaf River near Raleigh, MS	Pascagoula River	Lat 32°00'47", long 89°25'58", in NW¼ sec.13, T.2 N., R.8 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 6 mi east of Raleigh.	143	1939-43, 1951-52, 1955-57, 1960-61, 1968, 1972, 1975-76, 1979	2-28-87 3- 1-87	7,890 4,455
See footnotes at end of table.						

See footnotes at end of table.

Discharge measurements made at special study and miscellaneous sites during water year 1987

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
*02471250 Leaf River near Taylorsville, MS	Pascagoula River	Lat 31°49'40", long 89°24'30", in SE¼ sec.16, T.10 N., R.14 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, 1.1 mi east of Taylors- ville.	466	1956-57, 1960, 1964-66, 1968, 1972, 1974-76, 1979, 1986	3- 1-87	18,600
02471400 Oakohay Creek near Raleigh, MS	Leaf River	Lat 32°02'50", long 89°34'17", in NW¼ sec.3, T.2 N., R.7 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 3 mi west of Raleigh.	60.9	1943, 1951-52, 1955-57, 1960, 1968, 1972, 1985, 1986	11- 8-86 12-19-86 2- 6-87 4- 3-87 5- 8-87 6-10-87 7-23-87 9- 4-87	3.04 153 135 59.3 133 4.37 3.80 .47†
02471405 Two Mile Creek near Raleigh, MS	Oakohay Creek	Lat 32°02'39", long 89°33'03", in NW¼ sec.2, T.2 N., R.7 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 1.5 mi west of Raleigh.	2.58	1985-86	11- 8-86 12-19-86 2- 6-87 4- 3-87 5- 8-87 9- 4-87	1.11 5.57 35.6 8.49 5.36 .07
02472820 Okatoma Creek at Seminary, MS	Bowie Creek	Lat 31°33'45", long 89°30'15", in NE¼ sec.21, T.7 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on State High- way 590, 0.1 mi west of Seminary.	204	1961, 1972, 1980-86	11- 4-86 12-16-86 2- 2-87 5- 4-87 6- 9-87 7-20-87 8-31-87	78.1 595 466 1,140 105 77.3 84.4
02474567 Bogue Homo at Heidelberg, MS	Leaf River	Lat 31°54'08", long 89°00'38", in NW¼ sec.30, T.1 N., R.12 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, on State Highway 528, 0.6 mi west of Heidelberg.	16.4	1986-86	11- 7-86 12-19-86 2- 5-87 4- 2-87 4-30-87 5- 7-87 9- 3-87	4.41 99.8 27.7 23.1 2.25 56.6 0†
02476000 Okatibbe Creek at Meridian, MS	Chickasawhay River	Lat 32°21'15", long 88°45'25", in NW¼ sec.22, T.6 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on old U.S. Highway 80, 0.6 mi west of Meridian.	2.39	1938-51, 1953-57, 1959-72, 1974-86	2- 9-87	907
02479100 Black Creek near Purvis, MS	Pascagoula River	Lat 31°11'24", long 89°22'36", in SW¼ sec.26, T.3 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on U.S. Highway 11, 4.0 mi northeast of Purvis.	171	1957-59, 1961, 1963, 1967, 1972, 1975-77, 1979-80, 1985-86	10-27-86 12- 8-86 1-20-87 3- 3-87 4-20-87 5-26-87 7-14-87	120 182 2,430 1,280 143 334 50.7
BILOXI RIVER BASIN						
02481020 West Tiger Creek near Airey, MS	Saucier Creek	Lat 30°38'30", long 89°06'32", in NE¼ sec.5, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on State High- way 67, 2.0 mi southwest of Airey.	14.7	---	8-14-87	2,860

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at special study and miscellaneous sites during water year 1986

Drainage measurements made at miscellaneous sites during water year 1986						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
BILOXI RIVER BASIN--Continued						
02481030 Saucier Creek at Airey, MS	Biloxi River	Lat 30°38'50", long 89°04'52", in NW¼ sec.3, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on State High- way 67, 0.4 mi southwest of Airey.	12.4	---	8-14-87	4,590
*02481130 Biloxi River near Lyman, MS	Gulf of Mexico	Lat 30°29'18", long 89°02'09", in SE¼ sec.25, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 4.6 mi east of Lyman.	251	1964-69, 1973, 1977-78, 1980, 1985	8-15-87	15,400
PEARL RIVER BASIN						
*02483890 Yockanookany River Tributary near McCool, MS	Yockanookany River	Lat 33°10'06", long 89°25'28", in SE¼ sec.12, T.15 N., R.8 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 12, 3.5 mi southeast of McCool.	0.49	1966, 1986	2-26-87	10.5
02485601 Pearl River at Ross Barnett Reservoir at Jackson, MS	Gulf of Mexico	Lat 32°23'47", long 90°03'50", in NW¼ sec.2, T.6 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on Spillway Road, at dam of Ross Barnett Reservoir.	3,050	1963-64, 1966-67, 1971, 1973, 1979-80, 1985-86	11-18-86 4- 1-87	1,960 2,640
02486500 Pearl River at Byram, MS	Gulf of Mexico	Lat 32°10'36", long 90°14'35", in NW¼ sec.19, T.4 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, on county road, 0.2 mi southwest of Old Byram.	3,430	1939, 1964, 1972, 1976-78, 1984-86	10-15-86 11-17-86 3-31-87 7-23-87 9-15-87	558 2,510 3,340 474 354†
02489000 Pearl River near Columbia, MS	Gulf of Mexico	Lat 31°14'18", long 89°50'49", in NW¼ sec.7, T.3 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on U.S. Highway 98, 1.5 mi southwest of Columbia.	5,720	1928-54, 1955, 1958, 1960-64, 1972, 1974, 1985-86	12- 2-86 1- 7-87 1-13-87 2-24-87 3-11-87 4- 8-87 5-20-87 7- 5-87 8- 7-87 9-17-87	23,800 2,840 5,520 33,900 40,500 6,060 6,620 2,360 6,460 1,400†
02489252 Lower Little Creek near Hub, MS	Pearl River	Lat 31°07'52", long 89°46'33", in SE¼ sec.14, T.2 N., R.18 W., St. Stevens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 43, 1.8 mi southwest of Hub.	123	1962-63	8-14-87	14,100
02489258 Mike Tom's Branch near Columbia, MS	Little Lower Creek	Lat 31°07'20", long 89°46'31", in NE¼ sec.23, T.2 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 43, 10.0 mi southeast of Columbia.	4.24	1986	8-13-87	1,490

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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Discharge measurements made at special study and miscellaneous sites during water year 1987

Discharge measurements made at special study and miscellaneous sites during water year 1987						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
02489259 Rawls Creek at Spring Cottage, MS	Pearl River	Lat 31°05'35", long 89°46'07", in NW¼ sec.36, T.2 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 43, 0.3 mi northwest of Spring Cottage.	5.01	1986	8-13-87	891
02489265 Pearl River Tributary near Spring Cottage, MS	Pearl River	Lat 31°04'31", long 89°45'44", in SE¼ sec.1, T.1 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 43, 1.0 mi southeast of Spring Cottage.	1.97	---	8-13-87	183
02490900 Bogue Chitto near Lehr, MS	West Pearl River	Lat 31°01'22", long 90°12'33", in NE¼ sec.29, T.1 N., R.10 E., Washington Meridian, Wal- thall County, Hydrologic Unit 03180005, on county road, 1.1 (revised) mi west of Lehr.	785	1969, 1971, 1979, 1982-86	10- 7-86 12- 3-86 1-14-87 2-25-87 3-11-87 4- 8-87 5-20-87 7- 2-87 8- 7-87 9-17-87	410† 710 808 7,840 2,290 978 991 615 1,520 487†
*02492360 West Hobolochitto Creek near McNeill, MS	Hobolochitto Creek	Lat 30°39'42", long 89°41'10", in NE¼ sec.34, T.4 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on county road, 3.1 mi west of McNeill.	175	1966-69, 1971-73, 1977, 1980, 1986	9-13-87	1,840
YAZOO RIVER BASIN						
07282900 Lucknuck Creek near Bruce, MS	Skuna River	Lat 34°03'03", long 89°15'30", in SW¼ sec.12, T.12 S., R.1 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, on State Highway 32, 6.5 mi northeast of Bruce.	27.2	---	4-23-87	8.87
07288710 Rolling Fork Creek at Rolling Fork, MS	Little Sunflower River	Lat 32°54'22", long 90°52'25", in NW¼ sec.12, T.12 N., R.7 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08030209, on U.S. Highway 61, 0.3 mi east of Rolling Fork.	104	---	3-18-87	542
BIG BLACK RIVER BASIN						
07289090 Little Black Creek at Eupora, MS	Big Black River	Lat 33°32'25", long 89°15'05", in NE¼ sec.4, T.19 N., R.10 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, on U.S. Highway 82, 0.9 mi east of Eupora.	25.1	1952, 1954, 1956-57, 1964, 1983, 1986	10- 1-86 11- 5-86 12-17-86 1-28-87 3-12-87 4-23-87 6- 4-87 7-22-87 8-26-87	.64† 3.81 12.3 14.4 17.6 3.44 3.18 1.15† .53†

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at special study and miscellaneous sites during water year 1987

Discharge measurements made at special study and miscellaneous sites during water year 1987						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
BIG BLACK RIVER BASIN--Continued						
07289092 Whites Creek at Eupora, MS	Little Black Creek	Lat 33°32'25", long 89°15'29", in NW¼ sec.4, T.19 N., R.10 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, on U.S. Highway 82, 0.5 mi east of Eupora.	6.94	1986	10- 1-86	0.62†
					11- 5-86	.63
					12-17-86	4.24
					1-28-87	5.04
					3-12-87	8.29
					4-23-87	.83
					6- 4-87	1.46
					7-22-87	.10†
					8-26-87	.01†
07289540 Big Black River near Canton, MS	Mississippi River	Lat 32°42'26", long 90°05'40", in SE¼ sec.16, T.10 N., R.2 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on State Highway 16, 6.8 mi northwest of Canton.	1,820	1959-60, 1962, 1964, 1966, 1969-73 1977, 1985-86	10- 9-86	102†
					11- 3-86	300
					12-17-86	1,260
					1-29-87	5,380
					3-13-87	5,420
					4-24-87	574
					6- 5-87	1,460
					8-28-87	125†
					07289582 Bear Creek at Canton, MS	Big Black River
11- 6-86	98.4					
12-18-86	80.2					
1-29-87	27.2					
4-24-87	2.69					

* Also a crest-stage partial-record station.

† Baseflow.

Water-quality partial-record stations and miscellaneous sites are locations where chemical-quality, biological, and (or) sediment data are collected once only, intermittently, or systematically but on limited frequency over a period of years for use in hydrologic analyses.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

MOBILE RIVER BASIN

343140088192235 - TTW BAY SPRINGS LAKE NAVIGATION MILE 412.3

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
04...	1150	--	--	--	--	125	--	--
04...	1151	1.00	118	8.00	21.5	--	8.5	97
04...	1152	5.00	117	8.50	21.0	--	8.7	98
04...	1153	10.0	117	8.40	20.5	--	8.7	97
04...	1154	15.0	116	8.40	20.0	--	8.6	95
04...	1155	20.0	116	8.30	19.5	--	8.3	91
04...	1156	25.0	115	8.20	19.0	--	8.3	90
04...	1157	30.0	114	8.10	18.5	--	7.6	81
04...	1158	35.0	114	8.10	17.0	--	6.6	69
04...	1159	40.0	115	8.10	15.0	--	5.6	56
04...	1200	45.0	114	8.10	14.5	--	5.4	53
04...	1201	50.0	113	8.10	14.0	--	5.6	55
04...	1202	55.0	112	8.10	13.5	--	5.0	48
04...	1203	60.0	112	8.00	13.0	--	4.0	38
04...	1204	65.0	113	8.00	13.0	--	3.2	30
04...	1205	67.0	112	7.90	12.5	--	3.0	28
JUL								
20...	1130	--	--	--	--	168	--	--
20...	1131	1.00	118	8.20	30.5	--	6.7	89
20...	1132	5.00	118	8.20	30.5	--	6.8	91
20...	1133	10.0	118	8.20	30.0	--	6.8	90
20...	1134	15.0	118	8.20	30.0	--	6.7	89
20...	1135	20.0	117	8.10	29.5	--	6.5	85
20...	1136	25.0	116	7.60	27.5	--	2.9	37
20...	1137	30.0	117	8.00	24.5	--	0.4	5
20...	1138	35.0	113	8.50	19.5	--	0.3	3
20...	1139	40.0	112	8.60	17.0	--	0.3	3
20...	1140	45.0	112	8.40	15.5	--	0.2	2
20...	1141	50.0	110	8.30	14.5	--	0.3	3
20...	1142	55.0	110	8.00	14.5	--	0.2	2
20...	1143	60.0	120	7.80	13.5	--	0.3	3
20...	1144	65.0	133	7.80	13.0	--	0.4	4

02430005 - TENN-TOM WATERWAY BL BAY SPRINGS LOCK & DAM, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY									
04...	1330	--	0.0	--	--	--	110	--	--
04...	1331	1.00	--	116	6.80	20.0	--	8.5	94
04...	1332	5.00	--	117	6.80	19.5	--	8.5	93
04...	1333	10.0	--	117	7.80	19.0	--	8.4	91
04...	1334	13.0	--	116	8.20	19.0	--	8.4	91
JUL									
20...	1430	--	0.0	--	--	--	90.2	--	--
20...	1431	1.00	--	118	9.90	29.5	--	12.2	160
20...	1432	5.00	--	119	9.50	29.0	--	10.4	135
20...	1433	10.0	--	120	9.10	29.0	--	9.9	128
20...	1434	13.0	--	120	8.80	29.0	--	9.4	122

WATER-QUALITY DATA FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

MOBILE RIVER BASIN--Continued

342201088242935 - TTW LOCK "D" POOL SEDIMENTATION RANGE 1AD

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
04...	1530	--	--	--	--	87.2	--	--
04...	1531	1.00	89	8.40	25.5	--	8.5	104
04...	1532	5.00	88	8.50	24.0	--	7.9	94
04...	1533	10.0	87	8.50	23.0	--	7.6	89
04...	1534	15.0	88	8.40	22.0	--	6.3	72
04...	1535	20.0	88	8.10	21.5	--	3.6	41
JUL								
20...	1600	--	--	--	--	72.6	--	--
20...	1601	1.00	89	8.40	33.0	--	7.1	98
20...	1602	5.00	91	9.30	32.0	--	9.7	132
20...	1603	10.0	92	8.70	31.0	--	7.8	105
20...	1604	15.0	92	7.80	30.0	--	5.0	66
20...	1605	18.0	94	7.30	30.0	--	1.3	17

340103088285435 - TTW LOCK "A" POOL SEDIMENTATION RANGE 1AA

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
05...	1015	--	--	--	--	27.5	--	--
05...	1016	1.00	44	7.30	24.0	--	6.9	82
05...	1017	5.00	44	7.20	23.5	--	6.8	80
05...	1018	10.0	44	7.20	23.0	--	6.7	78
05...	1019	13.0	44	7.20	23.0	--	6.6	77
JUL								
21...	0900	--	--	--	--	31.1	--	--
21...	0901	1.00	52	7.10	30.0	--	6.3	83
21...	0902	5.00	51	6.90	30.0	--	6.1	80
21...	0903	10.0	51	6.90	30.0	--	6.2	81
21...	0904	12.0	51	6.90	30.0	--	6.2	81

335008088311335 - TTW ABERDEEN LAKE SEDIMENTATION RANGE 1A

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
05...	1600	--	--	--	--	27.0	--	--
05...	1601	1.00	130	8.20	25.5	--	9.1	111
05...	1602	5.00	131	8.10	25.0	--	7.9	95
05...	1603	10.0	131	7.90	23.5	--	6.7	79
05...	1604	15.0	131	7.80	23.5	--	6.1	72
05...	1605	18.0	131	7.70	23.0	--	5.3	62
JUL								
21...	1330	--	--	--	--	29.7	--	--
21...	1331	1.00	117	9.60	31.5	--	12.1	163
21...	1332	5.00	118	8.90	31.0	--	9.6	128
21...	1333	10.0	118	8.40	30.5	--	6.9	91
21...	1334	15.0	119	8.00	30.0	--	5.3	69
21...	1335	18.0	118	7.80	30.0	--	4.8	63

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

MOBILE RIVER BASIN--Continued

02437101 - TOMBIGBEE RIVER BL ABERDEEN LOCK AND DAM, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY									
05...	1730	--	1060	--	--	--	27.0	--	--
05...	1731	1.00	--	133	7.80	23.5	--	7.7	90
05...	1732	5.00	--	133	7.80	23.5	--	7.7	90
05...	1733	10.0	--	132	7.80	23.5	--	7.7	90
05...	1734	13.0	--	132	7.80	23.5	--	7.7	90
JUL									
21...	1445	--	212	--	--	--	25.1	--	--
21...	1446	1.00	--	121	9.60	31.0	--	11.7	156
21...	1447	5.00	--	121	9.10	30.5	--	10.5	139
21...	1448	10.0	--	122	8.70	30.5	--	9.6	127

02437600 - JAMES CREEK AT ABERDEEN, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
05...	1300	0.03	799	9.30	25.0	>2.40	12.0	145

333927088304935 - TTW COLUMBUS LAKE BUTTAHATCHEE R BENDWAY 26A

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
06...	1500	--	--	--	--	23.0	--	--
06...	1501	1.00	190	7.90	26.0	--	7.6	93
06...	1502	5.00	190	7.80	24.5	--	7.1	85
06...	1503	10.0	195	7.60	24.0	--	6.1	72
06...	1504	14.0	196	7.50	23.5	--	4.3	50
JUL								
22...	1430	--	--	--	--	30.0	--	--
22...	1431	1.00	230	8.40	31.5	--	8.2	110
22...	1432	5.00	224	8.10	30.5	--	6.6	87
22...	1433	10.0	224	7.70	30.0	--	4.8	63
22...	1434	14.0	215	7.40	30.0	--	3.2	42

02439600 - BUTTAHATCHEE RIVER NR KOLOLA SPRINGS, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
06...	1230	399	30	7.30	22.0	33.0	7.2	82
JUL								
22...	1000	179	31	6.90	26.5	18.0	6.7	83

WATER-QUALITY DATA FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

MOBILE RIVER BASIN--Continued

333119088291435 - TTW COLUMBUS LAKE SEDIMENTATION RANGE 1A

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TRANS- PAR- ENCY (SECCHI DISK) (IN)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
MAY								
06...	1600	--	--	--	--	23.0	--	--
06...	1601	1.00	140	7.80	25.0	--	7.7	93
06...	1602	5.00	139	7.70	24.5	--	7.3	87
06...	1603	10.0	142	7.60	24.0	--	6.1	72
06...	1604	15.0	152	7.50	23.5	--	5.2	61
06...	1605	20.0	173	7.50	23.0	--	4.5	52
JUL								
22...	1600	--	--	--	--	35.0	--	--
22...	1601	1.00	136	8.50	31.0	--	8.6	115
22...	1602	5.00	135	8.10	30.5	--	7.4	98
22...	1603	10.0	130	7.60	30.0	--	4.2	55
22...	1604	15.0	130	7.30	29.5	--	4.6	60
22...	1605	20.0	131	7.20	29.5	--	3.8	49
22...	1606	25.0	136	6.90	29.5	--	2.2	29

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

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Short-term water-quality studies were conducted on selected stream reaches and estuaries to collect water-quality data for use in hydrologic analysis. Data for estuary studies generally are collected once or twice daily at near high and near low tides.

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PASCAGOULA RIVER BASIN

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI

303018088351800 - PASCAGOULA RIVER AT MI 15

024793404

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1751	1.00	124	6.70	29.5	6.6
01...	1752	5.00	124	6.70	29.5	6.1
01...	1753	10.0	125	6.60	29.5	6.0
01...	1754	15.0	124	6.60	29.5	6.3
01...	1755	16.0	124	6.60	29.5	6.3
02...	0901	1.00	129	6.70	28.5	6.3
02...	0902	5.00	129	6.60	28.5	5.9
02...	0903	10.0	129	6.60	28.5	5.8
02...	0904	15.0	129	6.60	28.5	5.9

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML)
SEP			
01...	1750	140	290
02...	0900	220	190

302954088344000 - PASCAGOULA RIVER AT MI 14

024793409

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1740	1.00	130	6.70	29.5	6.5
01...	1741	5.00	129	6.70	29.5	6.2
01...	1742	10.0	130	6.90	29.5	6.8
01...	1743	14.0	135	7.00	29.5	5.9
02...	0850	1.00	1200	6.70	28.5	5.7
02...	0851	5.00	1560	6.70	28.5	4.7
02...	0852	10.0	3040	6.60	28.5	5.3
02...	0853	15.0	31000	7.00	29.0	0.5

02479341

- PASCAGOULA RIVER AT MI 13 NR COLL TOWN, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1730	1.00	140	7.20	29.5	6.7
01...	1731	5.00	141	7.00	29.5	6.0
01...	1732	10.0	143	6.90	29.5	7.0
01...	1733	13.0	144	6.80	29.5	6.3
02...	0845	1.00	1780	6.80	28.5	6.5
02...	0846	5.00	1900	6.70	28.5	5.7
02...	0847	10.0	17700	6.80	28.5	2.4
02...	0848	11.0	17700	6.80	28.5	2.4

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02479342 - PASCAGOULA RIVER AT MI 12 NR COLL TOWN, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1720	1.00	2040	7.00	29.5	6.0
01...	1721	5.00	2820	6.80	29.5	5.3
01...	1722	10.0	27200	6.80	28.5	0.4
01...	1723	15.0	31800	7.00	29.0	0.2
01...	1724	20.0	33700	7.20	29.0	0.3
01...	1725	25.0	35000	7.20	29.0	0.2
01...	1726	29.0	34600	7.20	29.0	0.2
02...	0836	1.00	2240	6.70	28.5	5.9
02...	0837	5.00	10300	6.80	28.5	3.9
02...	0838	10.0	30000	7.10	29.0	1.5
02...	0839	15.0	32200	7.20	29.0	0.8
02...	0840	20.0	33600	7.20	29.0	0.5
02...	0841	25.0	34500	7.20	29.0	0.3
02...	0842	30.0	32600	7.10	29.0	0.2

302822088332500 - PASCAGOULA RIVER AT MI 11

024793422

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1710	1.00	2520	6.90	29.5	5.5
01...	1711	5.00	3280	6.70	29.5	5.3
01...	1712	10.0	26700	6.80	29.0	0.9
01...	1713	15.0	34200	7.30	29.0	0.4
01...	1714	20.0	35100	7.20	29.0	0.2
01...	1715	25.0	35200	7.20	29.0	0.2
01...	1716	30.0	35200	7.20	29.0	0.1
01...	1717	32.0	35200	7.20	29.0	0.1
02...	0825	1.00	2060	6.70	28.5	5.8
02...	0826	5.00	3650	6.70	28.5	5.3
02...	0827	10.0	28200	7.00	29.0	1.8
02...	0828	15.0	31700	7.20	29.0	1.3
02...	0829	20.0	33500	7.20	29.0	0.8
02...	0830	25.0	33700	7.30	29.0	0.7
02...	0831	30.0	33700	7.30	29.0	0.7
02...	0832	35.0	33800	7.40	29.0	0.6

302725088333700 - PASCAGOULA RIVER AT MI 10

024793427

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1705	1.00	4720	7.00	29.5	5.5
01...	1706	5.00	4980	7.10	29.5	5.6
01...	1707	10.0	26500	7.10	29.0	1.6
01...	1708	15.0	34500	7.30	29.0	1.1
01...	1709	18.0	34200	7.30	29.0	0.7
02...	0815	1.00	3100	6.80	28.0	5.9
02...	0816	5.00	10300	6.90	28.5	4.6
02...	0817	10.0	32700	7.40	29.0	2.1
02...	0818	15.0	33900	7.50	29.0	1.5
02...	0819	20.0	34500	7.50	29.0	1.4
02...	0820	25.0	34400	7.50	29.0	1.4
02...	0821	28.0	34500	7.50	29.0	1.3

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302648088340600 - PASCAGOULA RIVER AT MI 9

024793428

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1655	1.00	6250	6.90	29.5	5.6
01...	1656	5.00	6770	6.80	29.5	5.1
01...	1657	10.0	31100	7.00	29.0	0.8
01...	1658	15.0	35200	7.30	29.0	0.7
01...	1659	20.0	35900	7.30	29.0	0.7
01...	1700	25.0	37300	7.40	29.0	0.8
01...	1701	30.0	39000	4.40	29.0	0.9
01...	1702	34.0	39100	4.50	29.0	0.9
02...	0808	1.00	4420	6.80	28.0	5.9
02...	0809	5.00	8600	6.80	28.5	5.0
02...	0810	10.0	23700	7.10	28.5	3.4
02...	0811	15.0	35600	7.60	28.5	2.4
02...	0812	20.0	37100	7.70	28.5	2.3
02...	0813	25.0	37400	7.80	28.5	2.4

02479343

- PASCAGOULA RIVER AT MI 8 NR ESCATAWPA, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1641	1.00	6770	7.00	29.5	5.6
01...	1642	5.00	8110	6.90	29.5	4.7
01...	1643	10.0	31600	7.20	29.0	1.2
01...	1644	15.0	34900	7.40	29.0	1.3
01...	1645	20.0	37400	7.50	29.0	1.0
01...	1646	25.0	39800	7.60	28.5	0.8
02...	0801	1.00	8850	7.10	28.5	8.6
02...	0802	5.00	33800	7.70	28.5	3.5
02...	0803	10.0	40400	8.30	28.5	3.9
02...	0804	15.0	41000	8.00	28.5	3.6
02...	0805	20.0	41100	8.00	28.5	3.6
02...	0806	25.0	38900	7.90	28.5	3.3

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP											
01...	1640	--	220	160	0.010	0.100	0.260	2.1	0.040	0.020	5.9
02...	0800	3.0	150	970	0.010	0.100	0.170	0.83	0.040	0.030	5.7

302526088333600 - PASCAGOULA RIVER AT MI 7

024793431

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1630	1.00	8450	7.00	29.5	5.3
01...	1631	5.00	8940	6.90	29.5	5.2
01...	1632	10.0	27000	7.40	29.0	2.4
01...	1633	15.0	34800	7.40	29.0	1.1
02...	0750	1.00	12700	7.00	28.0	5.3
02...	0751	5.00	19800	7.20	28.0	4.8
02...	0752	10.0	34900	8.00	28.0	4.9
02...	0753	15.0	41700	8.10	28.5	4.0
02...	0754	18.0	39900	7.90	28.5	3.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
 PASCAGOULA RIVER BASIN--Continued
 PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02480181 - ESCATAWPA RIVER NR ORANGE GROVE, MS.

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
02...	1116	1.00	40	6.00	27.0	6.0
02...	1117	5.00	41	5.90	27.0	5.6
02...	1118	10.0	40	5.90	27.0	5.4
02...	1119	15.0	40	5.90	27.0	5.5

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
SEP			
02...	1115	220	K84

02480182 - ESCATAWPA RIVER AT MI 10 NR MOSS POINT, MS.

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
02...	1106	1.00	48	6.20	27.5	5.6
02...	1107	5.00	50	6.90	27.0	5.4
02...	1108	10.0	202	6.30	27.0	5.7
02...	1109	15.0	797	7.50	27.0	7.4
02...	1110	18.0	797	7.50	27.0	7.4

02480183 - ESCATAWPA RIVER AT MI 9 NR MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1921	1.00	305	6.50	27.0	6.0
01...	1922	5.00	298	6.40	27.5	5.7
01...	1923	10.0	325	6.20	27.5	5.7
01...	1924	15.0	590	6.10	27.5	5.5
01...	1925	20.0	910	6.20	27.5	5.3
02...	1100	1.00	2250	6.30	27.5	5.2
02...	1101	5.00	3340	6.30	27.5	4.7
02...	1102	10.0	3480	6.30	27.5	4.6
02...	1103	15.0	10500	6.50	27.5	2.5
02...	1104	20.0	22800	6.90	28.0	1.2
02...	1105	22.0	22800	6.90	28.0	1.2

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
SEP			
01...	1920	K68	K27

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02480184 - ESCATAWPA RIVER AT MI 8 NR MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1900	1.00	1390	7.00	27.5	6.0
01...	1901	5.00	1410	6.80	27.5	5.8
01...	1902	10.0	1590	6.70	27.5	5.6
01...	1903	15.0	4970	6.30	27.5	3.7
01...	1904	17.0	4970	6.30	27.5	3.7
02...	1050	1.00	5680	6.50	27.5	4.4
02...	1051	5.00	5780	6.50	27.5	4.1
02...	1052	10.0	8050	6.50	27.5	3.6
02...	1053	15.0	15300	6.70	27.5	1.3
02...	1054	20.0	24500	7.00	28.5	0.2
02...	1055	25.0	27200	7.10	28.5	0.1

302541088290100 - ESCATAWPA RIVER AT MI 7

024802053

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1841	1.00	3870	6.90	27.5	5.2
01...	1842	5.00	3910	6.60	27.5	4.9
01...	1843	10.0	3940	6.60	27.5	4.9
01...	1844	15.0	4470	6.50	27.5	4.6
01...	1845	20.0	25000	6.30	28.0	0.3
01...	1846	25.0	30200	6.60	28.5	0.2
01...	1847	30.0	30900	6.90	28.5	0.1
01...	1848	35.0	31300	6.90	28.5	0.1
01...	1849	40.0	32500	6.90	28.5	0.1
02...	1036	1.00	9270	6.60	27.5	3.7
02...	1037	5.00	9230	6.60	27.5	3.6
02...	1038	10.0	11700	6.70	27.5	2.8
02...	1039	15.0	20900	6.90	28.0	0.7
02...	1040	20.0	24600	7.00	28.5	0.2
02...	1041	25.0	24800	7.10	28.5	0.2
02...	1042	30.0	28500	7.20	28.5	0.2
02...	1043	35.0	30000	7.30	28.5	0.1
02...	1044	40.0	30500	7.30	28.5	0.1

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP									
01...	1840	--	<0.010	0.100	0.190	1.0	0.030	0.010	7.1
02...	1035	3.3	<0.010	<0.100	0.320	0.28	0.060	0.040	7.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
 PASCAGOULA RIVER BASIN--Continued
 PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302512088292200 - ESCATAWPA RIVER AT MI 6

024802054

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1825	1.00	5870	6.80	28.0	4.8
01...	1826	5.00	6000	6.80	28.0	4.5
01...	1827	10.0	6570	6.70	28.0	4.3
01...	1828	15.0	12600	6.70	28.0	2.1
01...	1829	19.0	30900	6.70	28.5	0.2
02...	1030	1.00	11300	6.60	27.5	3.3
02...	1031	5.00	14000	6.80	27.5	2.5
02...	1032	10.0	15400	6.80	28.0	2.1
02...	1033	15.0	27000	7.10	28.5	0.3
02...	1034	20.0	28100	7.20	28.5	0.7

302515088301300 - ESCATAWPA RIVER AT MI 5

024802055

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1806	1.00	8000	6.80	28.0	4.4
01...	1807	5.00	8370	6.80	28.0	3.9
01...	1808	10.0	9070	6.70	28.0	3.7
01...	1809	15.0	14400	6.60	28.0	2.1
01...	1810	20.0	33500	6.90	28.5	0.1
01...	1811	23.0	34100	7.10	28.5	0.1
02...	1021	1.00	15400	6.90	28.0	2.0
02...	1022	5.00	19700	7.00	28.0	1.1
02...	1023	10.0	26800	7.10	28.5	0.4
02...	1024	15.0	30600	7.30	28.5	0.2
02...	1025	20.0	32500	7.40	28.5	0.1
02...	1026	25.0	33300	7.40	28.5	0.1

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP									
01...	1805	--	<0.010	0.100	0.260	0.44	0.050	0.020	7.7
02...	1020	3.7	<0.010	<0.100	0.320	0.18	0.110	0.050	7.6

302528088304400 - ESCATAWPA RIVER AT MI 4

024802057

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1755	1.00	9540	7.20	28.5	3.9
01...	1756	5.00	10100	7.10	28.0	3.6
01...	1757	10.0	11500	7.00	28.5	3.1
01...	1758	15.0	21300	6.70	28.5	0.3
01...	1759	20.0	33300	6.90	28.5	0.2
01...	1800	25.0	36300	7.00	29.0	0.1
01...	1801	28.0	36900	7.20	29.0	0.0
02...	1010	1.00	15500	6.90	28.5	3.3
02...	1011	5.00	18200	7.00	28.0	1.5
02...	1012	10.0	27000	7.20	28.5	0.7
02...	1013	15.0	31900	7.30	28.5	0.2
02...	1014	20.0	33800	7.40	29.0	0.2
02...	1015	24.0	30700	7.10	29.0	0.2

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302455088313100 - ESCATAWPA RIVER AT MI 3

024802061

		SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)			
DATE	TIME								
SEP									
01...	1736	1.00	13900	7.30	28.5	2.8			
01...	1737	5.00	14100	7.20	28.5	2.5			
01...	1738	10.0	18300	7.00	28.5	1.4			
01...	1739	15.0	23800	6.90	28.5	0.3			
01...	1740	16.0	23800	6.90	28.5	0.3			
02...	1001	1.00	18400	7.10	28.0	2.6			
02...	1002	5.00	24300	7.20	28.0	1.7			
02...	1003	10.0	34300	7.50	28.5	1.4			
02...	1004	15.0	35800	7.60	28.5	1.2			
02...	1005	20.0	37000	7.50	29.0	0.5			
02...	1006	25.0	37000	7.50	29.0	0.3			
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP									
01...	1735	--	0.010	<0.100	0.330	0.57	0.050	0.030	11
02...	1000	3.4	0.010	<0.100	0.330	0.37	0.070	0.050	8.3

302459088320800 - ESCATAWPA RIVER AT MI 2

024802064

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)		
SEP								
01...	1720	1.00	7380	7.00	29.0	8.3		
01...	1721	5.00	14300	6.80	29.0	4.3		
01...	1722	10.0	16300	6.80	28.5	2.3		
01...	1723	15.0	24900	6.80	28.5	0.3		
01...	1724	20.0	37400	7.00	28.5	0.2		
01...	1725	25.0	39300	7.20	29.0	0.2		
01...	1726	28.0	40800	7.50	29.0	1.2		
02...	0950	1.00	12900	6.90	27.0	4.8		
02...	0951	5.00	19300	6.90	27.5	1.1		
02...	0952	10.0	31800	7.50	28.5	1.8		
02...	0953	15.0	36600	7.60	28.5	1.8		
02...	0954	20.0	37900	7.90	28.5	3.3		
02...	0955	25.0	39200	7.90	28.5	3.0		
02...	0956	30.0	39600	7.90	28.5	3.1		
02...	0957	34.0	37200	7.30	28.5	2.0		

02480207

- ESCATAWPA RIVER AT MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)		
SEP								
01...	1656	1.00	9470	7.40	29.0	5.8		
01...	1657	5.00	14000	7.20	28.0	3.7		
01...	1658	10.0	16400	7.10	28.0	2.7		
01...	1659	15.0	27800	6.90	28.5	0.5		
01...	1700	20.0	36600	7.00	29.0	0.3		
02...	0941	1.00	12300	7.10	27.0	5.6		
02...	0942	5.00	19800	7.00	28.0	1.6		
02...	0943	10.0	27000	7.20	28.5	1.7		
02...	0944	15.0	36500	7.70	28.5	2.2		

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

[illegible]

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02480207 - ESCATAWPA RIVER AT MOSS POINT, MS--Continued

DATE	2,4-DI- CHLORO- PHENOL TOTAL (UG/L)	2,4-DI- METHYL- PHENOL TOTAL (UG/L)	4,6- DINITRO- -ORTHO- CRESOL TOTAL (UG/L)	2,4,- DI- NITRO- PHENOL TOTAL (UG/L)	2- NITRO- PHENOL TOTAL (UG/L)	4- NITRO- PHENOL TOTAL (UG/L)	PARA- CHLORO- META CRESOL TOTAL (UG/L)	PENTA- CHLORO- PHENOL TOTAL (UG/L)	PHENOL (C6H- 5OH) TOTAL (UG/L)	2,4,6- TRI- CHLORO- PHENOL TOTAL (UG/L)
SEP 01...	<5.0	<5.0	<30.0	<20.0	<5.0	<30.0	<30.0	<30.0	<5.0	<20.0

02480208 - ESCATAWPA RIVER AT MI 0 NR ESCATAWPA, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 01...	1640	1.00	12600	6.70	29.0	7.7
01...	1641	5.00	14500	6.90	28.5	4.7
01...	1642	10.0	16400	6.90	28.5	3.6
01...	1643	15.0	34600	6.80	28.5	0.6
01...	1644	20.0	38400	7.20	29.0	0.9
01...	1645	25.0	39100	7.40	29.0	1.2
01...	1646	30.0	39300	7.50	29.0	1.0
02...	0930	1.00	16800	7.00	27.5	5.0
02...	0931	5.00	17600	7.00	27.5	4.5
02...	0932	10.0	28400	7.40	28.0	3.5
02...	0933	15.0	38000	8.00	28.5	3.7
02...	0934	20.0	40700	8.00	28.5	3.8
02...	0935	25.0	41100	8.00	28.5	3.8
02...	0936	30.0	41100	8.00	28.5	3.7

302507088342800 - PASCAGOULA RIVER AT MI 6

024802082

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP 01...	1616	1.00	11300	7.00	29.0	4.9
01...	1617	5.00	20500	7.10	28.5	2.1
01...	1618	10.0	33000	7.40	29.0	1.0
01...	1619	13.0	36000	7.50	29.0	0.8
02...	0746	1.00	15300	7.20	27.5	6.2
02...	0747	5.00	38500	8.00	28.5	5.0
02...	0748	10.0	42200	8.10	28.5	4.5
02...	0749	12.0	41400	8.00	28.5	4.2

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP 01...	1615	--	0.020	0.100	0.250	0.65	0.080	0.030	6.3
02...	0745	3.0	0.010	<0.100	0.170	0.13	0.050	0.030	5.8

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
 PASCAGOULA RIVER BASIN--Continued
 PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302430088350400 - PASCAGOULA RIVER AT MI 5

024802083

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1610	1.00	14800	7.20	29.0	4.0
01...	1611	5.00	22300	7.20	28.5	2.7
01...	1612	10.0	35600	7.60	29.0	1.6
01...	1613	15.0	38900	7.70	28.5	1.6
02...	0737	1.00	24500	7.40	27.5	5.3
02...	0738	5.00	38500	8.10	28.5	5.1
02...	0739	10.0	42800	8.20	28.5	5.0
02...	0740	15.0	43100	8.20	28.5	4.7
02...	0741	17.0	42600	8.10	28.5	4.6

302345088343800 - PASCAGOULA RIVER AT MI 4

024802087

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1601	1.00	17400	7.30	29.0	4.8
01...	1602	5.00	19000	7.20	29.0	3.6
01...	1603	10.0	33400	7.60	28.5	2.2
01...	1604	15.0	37900	7.80	29.0	2.4
01...	1605	20.0	38600	7.80	29.0	2.5
01...	1606	25.0	39900	7.80	29.0	2.0
01...	1607	28.0	39700	7.80	28.5	1.5
02...	0731	1.00	26900	7.60	27.0	5.5
02...	0732	5.00	42200	8.20	28.5	5.5
02...	0733	10.0	43000	8.20	28.5	5.5
02...	0734	15.0	43700	8.20	28.5	5.2
02...	0735	20.0	43900	8.20	28.5	5.2
02...	0736	24.0	43200	8.10	28.5	4.8

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP									
01...	1600	--	0.010	<0.100	0.260	0.74	0.060	0.040	9.3
02...	0730	3.0	0.010	<0.100	0.210	0.59	0.050	0.030	4.8

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

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PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302319088335400 - PASCAGOULA RIVER AT MI 3

024802091

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1545	1.00	19600	7.70	29.0	6.8
01...	1546	5.00	19700	7.70	29.0	6.6
01...	1547	10.0	32800	8.00	28.5	5.3
01...	1548	15.0	38700	8.20	28.5	4.9
01...	1549	20.0	39100	7.90	28.5	3.5
01...	1550	25.0	39700	8.00	28.5	3.7
01...	1551	30.0	39900	7.90	28.5	3.0
01...	1552	35.0	40300	7.90	28.5	3.5
01...	1553	40.0	40300	7.90	28.5	2.8
01...	1554	45.0	40500	7.90	28.5	3.1
01...	1555	47.0	40400	7.90	28.5	2.7
02...	0715	1.00	33900	8.00	27.0	5.5
02...	0716	5.00	35400	8.00	27.5	5.4
02...	0717	10.0	38900	8.10	27.5	5.5
02...	0718	15.0	44000	8.20	28.5	5.5
02...	0719	20.0	43800	8.20	28.5	5.6
02...	0720	25.0	43400	8.20	28.5	5.4
02...	0721	30.0	43900	8.20	28.5	5.3
02...	0722	35.0	44000	8.20	28.5	5.3
02...	0723	40.0	43700	8.20	28.5	5.4
02...	0724	45.0	43800	8.20	28.5	5.4
02...	0725	50.0	43900	8.20	28.5	5.4

02480210

- PASCAGOULA RIVER AT HWY 90 AT PASCAGOULA, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1531	1.00	23600	7.70	28.5	5.0
01...	1532	5.00	25400	4.90	28.5	7.6
01...	1533	10.0	29400	7.70	28.0	4.5
01...	1534	15.0	37300	7.80	28.5	3.7
01...	1535	20.0	46100	8.00	29.0	2.9
01...	1536	25.0	46900	8.00	28.5	2.5
01...	1537	28.0	46900	8.00	28.5	2.2
02...	0706	1.00	40900	8.20	28.0	5.8
02...	0707	5.00	41100	8.20	28.0	6.0
02...	0708	10.0	41400	8.20	28.0	5.7
02...	0709	15.0	42900	8.20	28.0	5.9
02...	0710	20.0	43600	8.20	28.5	5.4
02...	0711	25.0	44700	8.20	28.5	4.9
02...	0712	28.0	43800	8.20	28.5	4.9

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP											
01...	1530	--	830	240	0.010	<0.100	0.210	0.29	0.070	0.040	6.2
02...	0705	3.0	K110	1800	0.010	<0.100	0.240	0.06	0.060	0.040	4.4

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02480210 - PASCAGOULA RIVER AT HWY 90 AT PASCAGOULA, MS--Continued

DATE	TIME	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
SEP 01...	1530	2.9	3400	230	690	6500	79	220	1600	12000	
DATE	SOLIDS, RESIDUE AT 105 DEG. C, SUS- PENDE (MG/L)	ARSENIC TOTAL (UG/L AS AS)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)
SEP 01...	9	1	<10	1	50	16	7	0.20	<1	49	350
DATE	ACE- NAPHTH- ENE TOTAL (UG/L)	ACE- NAPHTH- YLENE TOTAL (UG/L)	ANTHRA- CENE TOTAL (UG/L)	BENZO A ANTHRAC- ENE1,2- BENZANT HRACENE TOTAL (UG/L)	BENZO B FLUOR- AN- THENE TOTAL (UG/L)	BENZO K FLUOR- AN- THENE TOTAL (UG/L)	BENZOGH I PERYL ENE1,12 -BENZOP ERYLENE TOTAL (UG/L)	BENZO- A- PYRENE TOTAL (UG/L)	4- BROMO- PHENYL PHENYL ETHER TOTAL (UG/L)	N-BUTYL BENZYL PHTHAL- ATE TOTAL (UG/L)	BIS (2- CHLORO- ETHOXY) METHANE TOTAL (UG/L)
SEP 01...	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<10.0	<10.0	<5.0	8.0	6.0
DATE	BIS 2- CHLORO- ETHYL ETHER TOTAL (UG/L)	BIS (2- CHLORO- ISO- PROPYL) ETHER TOTAL (UG/L)	2- CHLORO- NAPH- THALENE TOTAL (UG/L)	4- CHLORO- PHENYL PHENYL ETHER TOTAL (UG/L)	1,2,5,6 -DIBENZ -ANTHRA- CENE TOTAL (UG/L)	1,2-DI- CHLORO- BENZENE TOTAL (UG/L)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L)	DIETHYL PHTHAL- ATE TOTAL (UG/L)	DI- METHYL PHTHAL- ATE TOTAL (UG/L)	
SEP 01...	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
DATE	DI-N- BUTYL PHTHAL- ATE TOTAL (UG/L)	2,4-DI- NITRO- TOLUENE TOTAL (UG/L)	2,6-DI- NITRO- TOLUENE TOTAL (UG/L)	DI-N- OCTYL PHTHAL- ATE TOTAL (UG/L)	BIS(2- ETHYL HEXYL) PHTHAL- ATE TOTAL (UG/L)	FLUOR- ANTHENE TOTAL (UG/L)	FLUOR- ENE TOTAL (UG/L)	HEXA- CHLORO- BENZENE TOTAL (UG/L)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L)	HEXA- CHLORO- CYCLO- PENT- ADIENE TOTAL (UG/L)	HEXA- CHLORO- ETHANE TOTAL (UG/L)
SEP 01...	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
DATE	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L)	ISO- PHORONE TOTAL (UG/L)	NAPHTH- ALENE TOTAL (UG/L)	NITRO- BENZENE TOTAL (UG/L)	N-NITRO -SODI- METHY- LAMINE TOTAL (UG/L)	N-NITRO -SODI- PHENY- LAMINE TOTAL (UG/L)	N- NITRO- SODI-N- PROPYL- AMINE TOTAL (UG/L)	PHENAN- THRENE TOTAL (UG/L)	PYRENE TOTAL (UG/L)	1,2,4- TRI- CHLORO- BENZENE TOTAL (UG/L)	2- CHLORO- PHENOL TOTAL (UG/L)
SEP 01...	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
DATE	2,4-DI- CHLORO- PHENOL TOTAL (UG/L)	2,4-DI- METHYL- PHENOL TOTAL (UG/L)	4,6- DINITRO -ORTHO- CRESOL TOTAL (UG/L)	2,4,- DI- NITRO- PHENOL TOTAL (UG/L)	2- NITRO- PHENOL TOTAL (UG/L)	4- NITRO- PHENOL TOTAL (UG/L)	PARA- CHLORO- META -CRESOL TOTAL (UG/L)	PENTA- CHLORO- PHENOL TOTAL (UG/L)	PHENOL (C6H- 5OH) TOTAL (UG/L)	2,4,6- TRI- CHLORO- PHENOL TOTAL (UG/L)	
SEP 01...	<5.0	<5.0	<30.0	<20.0	<5.0	<30.0	<30.0	<30.0	<5.0	<20.0	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02480212 - PASCAGOULA RIVER AT MI 1 AT PASCAGOULA, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1520	1.00	27800	7.70	28.5	5.4
01...	1521	5.00	31800	8.20	28.0	7.0
01...	1522	10.0	39400	8.30	28.5	6.5
01...	1523	15.0	43100	8.00	29.0	4.0
01...	1524	20.0	44400	8.10	29.0	5.2
01...	1525	25.0	46500	8.00	29.0	4.1
01...	1526	30.0	46800	8.10	29.0	3.6
01...	1527	35.0	47600	8.00	28.5	2.3
01...	1528	39.0	47300	7.80	28.5	1.2
02...	0650	1.00	39600	8.20	27.5	6.8
02...	0651	5.00	42000	8.30	28.0	6.9
02...	0652	10.0	42600	8.30	28.0	7.3
02...	0653	15.0	43300	8.30	28.0	7.2
02...	0654	20.0	44000	8.30	28.5	6.7
02...	0655	25.0	44300	8.30	28.5	6.6
02...	0656	30.0	45200	8.30	28.5	6.2
02...	0657	35.0	46600	8.20	29.0	4.6
02...	0658	40.0	45300	8.00	28.5	2.3

02480215 - PASCAGOULA RIVER AT MI 0 AT PASCAGOULA, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)
SEP						
01...	1446	1.00	33300	7.80	28.5	4.8
01...	1447	5.00	37200	8.00	28.5	4.9
01...	1448	10.0	39000	8.10	28.5	5.9
01...	1449	15.0	42100	8.10	28.5	5.4
01...	1450	20.0	41100	8.10	29.0	4.9
01...	1451	25.0	45400	8.10	29.5	5.6
01...	1452	30.0	47200	8.10	29.5	4.5
01...	1453	35.0	48000	8.00	28.5	2.2
01...	1454	40.0	48800	7.80	27.5	0.5
01...	1455	45.0	48400	7.80	26.5	0.1
02...	0636	1.00	41300	8.20	28.0	6.7
02...	0637	5.00	41800	8.30	28.0	6.6
02...	0638	10.0	42400	8.30	28.5	6.3
02...	0639	15.0	43400	8.20	28.5	5.8
02...	0640	20.0	43600	8.30	28.5	6.6
02...	0641	25.0	45200	8.30	29.0	6.2
02...	0642	30.0	45700	8.30	29.0	5.5
02...	0643	35.0	47000	8.10	29.0	3.5
02...	0644	40.0	47400	8.10	29.0	3.1
02...	0645	45.0	45100	7.70	27.0	0.5

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
SEP									
01...	1445	--	0.010	<0.100	0.180	0.22	0.050	0.030	4.7
02...	0635	3.4	0.010	<0.100	0.310	0.19	0.060	0.040	4.2

GROUND-WATER LEVELS

ADAMS COUNTY

313330091223702. Local number, C002.

LOCATION.--Lat 31°33'30", long 91°22'37", in irregular sec.16, T.7 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, at city water treatment plant on Brenham Avenue in Natchez.

Owner: City of Natchez.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 607 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 237.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.00 ft above land-surface datum.

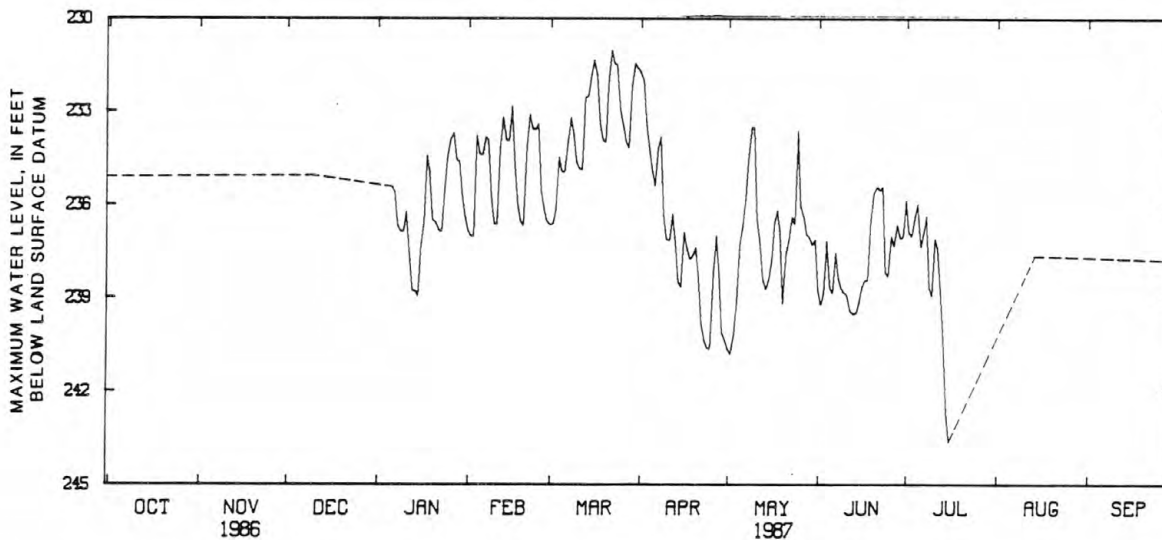
REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--Miscellaneous water-level measurements, August 1940, September 1955; periodic water-level measurements June 1980 to July 1982; August 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 188.23 ft below land-surface datum, Aug. 5, 1940; lowest, 271.72 ft below land-surface datum, Jan. 23, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5				---	234.41	234.95	234.90	237.30	238.69	235.98		
10				236.87	236.63	234.64	237.13	233.55	238.85	238.95		
15				238.96	233.96	231.84	238.66	238.43	239.16	242.70		
20				236.50	236.68	234.00	237.37	239.19	235.65	---		
25				234.43	233.42	233.00	240.67	233.63	238.31	---		
EOM				236.40	236.54	231.60	240.36	237.12	237.05	---		
WTR YR 1987	MEAN	236.28		HIGH	231.02	MAR 22	LOW	243.65	JUL 16			



GROUND-WATER LEVELS

205

ADAMS COUNTY--Continued

313256091214201. Local number, C067.

LOCATION.--Lat 31°32'56", long 91°21'42", in NW¼NW¼ Lot 87, T.7 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, on Liberty Road, 2.0 mi east of center of Natchez.

Owner: Johns Manville Co.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 436 ft, cased to 392 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 116.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

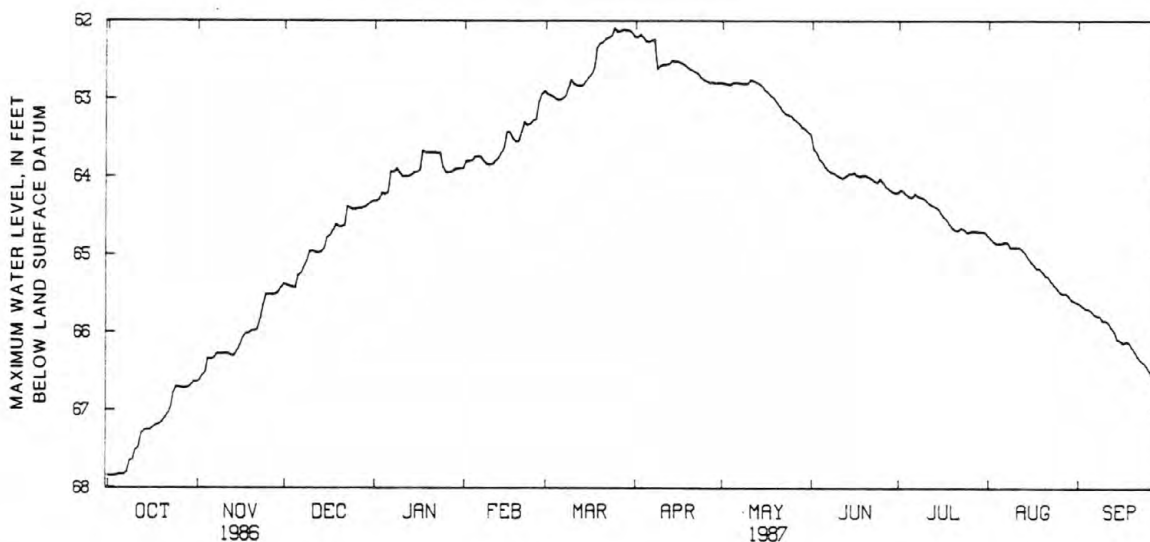
PERIOD OF RECORD.--Miscellaneous water-level measurements April 1961 to May 1982; June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 58.62 ft below land-surface datum, Mar. 31, 1962; lowest, 80.18 ft below land-surface datum, July 25, 1963.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	67.82	66.34	65.43	64.23	63.75	63.01	62.26	62.80	63.82	64.26	64.86	65.70
10	67.63	66.28	64.96	63.95	63.85	62.76	62.58	62.81	63.99	64.28	64.91	65.85
15	67.25	66.24	64.92	63.95	63.64	62.78	62.52	62.84	63.97	64.41	65.04	66.09
20	67.15	65.98	64.64	63.69	63.55	62.29	62.62	63.04	63.99	64.66	65.22	66.19
25	66.70	65.52	64.42	63.88	63.28	62.09	62.76	63.22	64.03	64.72	65.43	66.43
EOM	66.64	65.43	64.33	63.90	62.94	62.15	62.80	63.43	64.21	64.71	65.60	66.66

WTR YR 1987 MEAN 64.46 HIGH 62.09 MAR 25 LOW 67.85 OCT 2



GROUND-WATER LEVELS

ADAMS COUNTY--Continued

313605091202201. Local number, D001.

LOCATION.--Lat 31°36'05", long 91°20'22", in sec.12, T.7 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, at power plant, 5.0 mi northeast of center of Natchez.

Owner: Mississippi Power and Light Co.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 456 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 192.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 1.50 ft above land-surface datum.

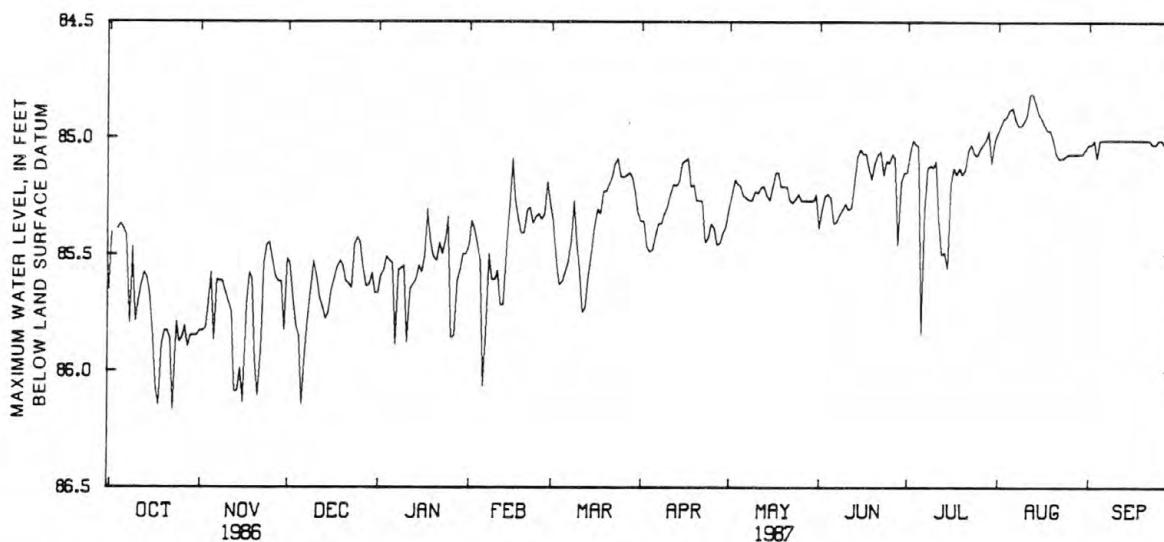
PERIOD OF RECORD.--Periodic water-level measurements June 1975 to March 1983; April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 80.30 ft below land-surface datum, Oct. 8, 1981; lowest, 102.97 ft below land-surface datum, Aug. 30, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	85.37	85.58	85.86	85.53	85.53	85.62	85.48	85.21	85.26	85.04	84.88	85.01
10	85.79	85.67	85.53	85.55	85.61	85.45	85.30	85.23	85.28	85.13	84.93	85.01
15	85.67	85.99	85.75	85.55	85.29	85.50	85.11	85.27	85.05	85.56	84.90	85.01
20	85.83	85.96	85.55	85.51	85.41	85.23	85.27	85.21	85.11	85.16	85.01	85.01
25	85.88	85.45	85.43	85.34	85.33	85.17	85.37	85.24	85.11	85.08	85.07	85.01
EOM	85.85	85.83	85.67	85.50	85.19	85.32	85.38	85.24	85.15	85.01	85.05	85.01

WTR YR 1987 MEAN 85.37 HIGH 84.81 AUG 12 AND OTHERS LOW 86.17 OCT 23



ALCORN COUNTY

345456088313001. Local number, G057.

LOCATION.--Lat 34°54'56", long 88°31'30", in NW¼NW¼ sec.13, T.2 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, 1.0 mi south of center of Corinth.

Owner: City of Corinth.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 453 ft, cased to 410 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 463 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

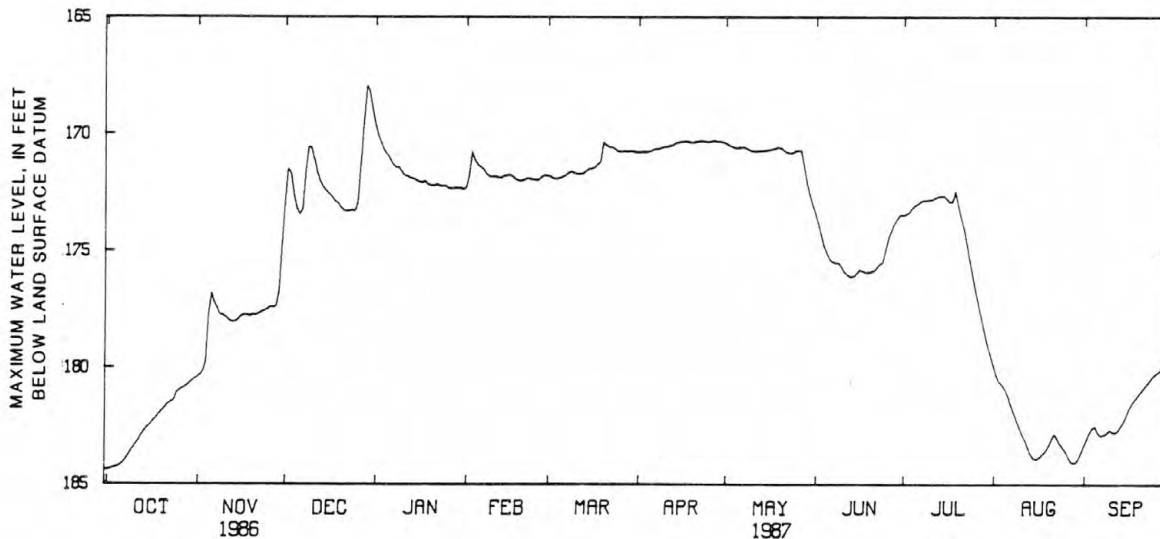
PERIOD OF RECORD.--Miscellaneous water-level measurements August 1962 to October 1963; January 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 100.9 ft below land-surface datum, Oct. 17, 1962; lowest, 224.4 ft below land-surface datum, Sept. 22, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	184.25	177.73	173.21	170.92	171.36	171.89	170.75	170.61	175.14	173.08	180.88	182.52
10	183.50	177.81	170.62	171.64	171.85	171.68	170.58	170.75	175.71	172.83	182.55	182.68
15	182.61	177.97	172.47	172.02	171.78	171.49	170.37	170.72	175.97	172.66	183.91	182.26
20	181.89	177.75	173.16	172.22	172.02	170.35	170.39	170.62	175.90	173.02	183.37	181.17
25	181.07	177.54	173.33	172.24	171.98	170.77	170.36	170.73	174.96	176.11	183.46	180.33
EOM	180.52	174.74	168.96	172.39	171.77	170.80	170.36	173.03	173.45	179.42	183.72	179.71

WTR YR 1987 MEAN 175.23 HIGH 167.98 DEC 29 LOW 184.39 OCT 1



GROUND-WATER LEVELS

CHOCTAW COUNTY

331849089105101. Local number, H001.

LOCATION.--Lat 33°18'49", long 89°10'51", in NE¼NE¼ sec.30, T.17 N., R.11 E., Choctaw Meridian, Choctaw County, Hydrologic Unit 03180001, 0.2 mi west of center of Ackerman.

Owner: Town of Ackerman.

AQUIFER.--Sand of Wilcox Formation of early Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 100 ft, cased to 76 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 518 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 1.50 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

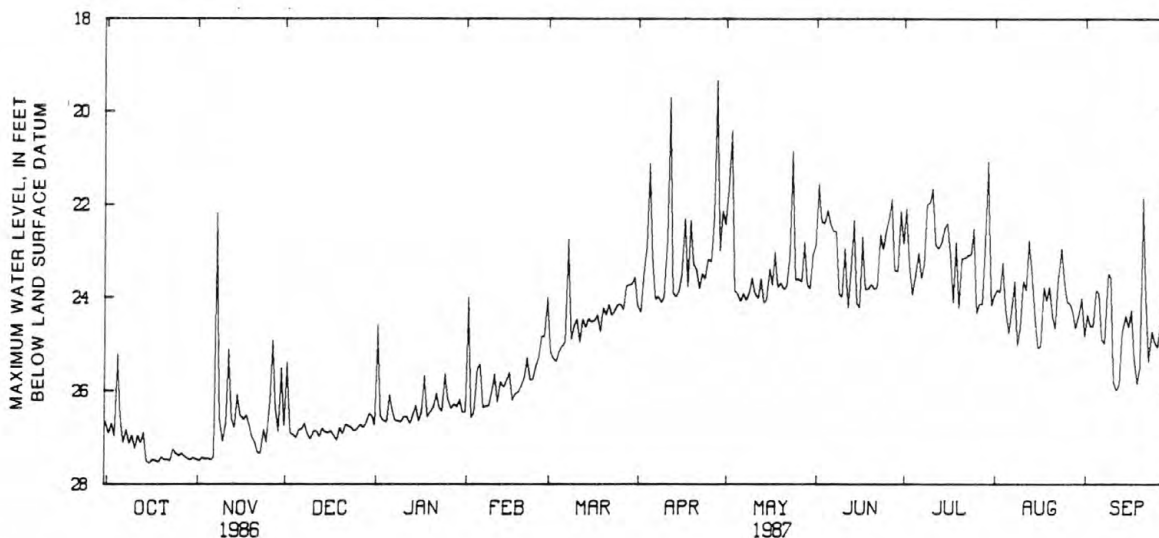
PERIOD OF RECORD.--Miscellaneous water-level measurements January 1957, October 1969; February 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 13 ft below land-surface datum, Oct. 1, 1969; lowest, 28.72 ft below land-surface datum, Dec. 23, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.20	27.46	27.02	26.67	25.53	25.14	21.12	23.92	22.11	23.55	24.25	23.85
10	26.95	27.10	27.05	26.67	26.02	24.60	24.00	23.56	24.00	21.96	24.65	23.57
15	27.52	26.09	26.89	26.31	25.77	24.45	23.87	24.04	24.14	22.49	24.45	24.40
20	27.42	27.01	26.79	26.45	25.92	24.22	23.29	23.67	23.70	24.24	23.77	25.51
25	27.35	27.12	26.88	25.64	25.48	24.15	23.17	23.61	22.58	22.51	23.65	24.97
EOM	27.44	25.52	26.54	26.46	24.85	23.55	22.13	23.07	22.15	24.18	24.01	25.32

WTR YR 1987 MEAN 24.86 HIGH 19.34 APR 28 LOW 27.56 OCT 16



GROUND-WATER LEVELS

209

CLAY COUNTY

333712088384601. Local number, H046.

LOCATION.--Lat 33°37'12", long 88°38'46", in NE¼NW¼ sec.11, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on east side of Illinois Central Railroad, 1.0 mi northeast of center of West Point.

Owner: City of West Point.

AQUIFER.--Sand and gravel of Gordo Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 810 ft, cased to 750 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 2.10 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

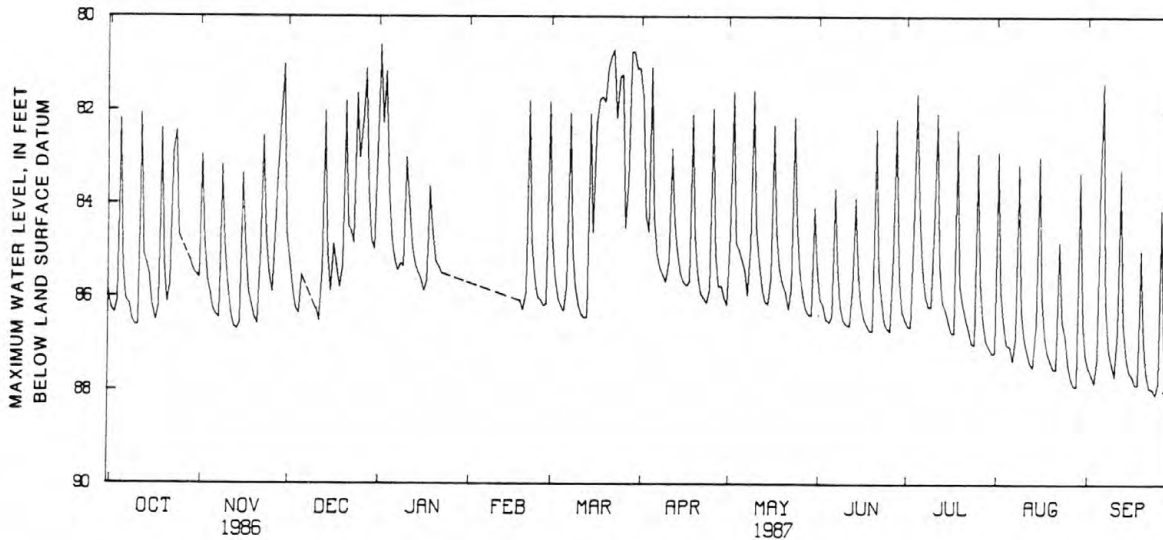
PERIOD OF RECORD.--Miscellaneous water-level measurements July 1963, May 1969; periodic water-level measurements January 1971 to December 1980; January 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 27.95 ft below land-surface datum, July 16, 1963; lowest, 88.09 ft below land-surface datum, Sept. 25, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	82.19	85.94	86.37	83.74	---	86.20	81.09	84.98	86.55	81.65	87.02	87.32
10	86.62	85.06	---	85.35	---	85.82	85.68	81.58	86.52	86.22	86.29	87.44
15	85.55	86.58	85.09	85.48	---	82.09	85.48	86.15	85.44	86.30	86.61	87.32
20	85.27	86.48	85.34	84.56	86.29	81.84	84.73	85.69	86.72	85.76	87.38	85.00
25	84.69	85.49	81.65	---	86.02	81.28	85.85	84.41	86.68	87.03	86.82	88.09
EOM	85.51	81.03	84.99	---	86.16	81.11	86.03	84.08	86.32	87.20	86.54	87.98

WTR YR 1987 MEAN 85.23 HIGH 80.61 JAN 2 LOW 88.09 SEP 25



GROUND-WATER LEVELS

CLAY COUNTY--Continued

333509088402801. Local number, H099.

LOCATION.--Lat 33°35'09", long 88°40'28", in NE¼NW¼ sec.21, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, 1.0 mi southwest of city of West Point.

Owner: City of West Point.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous Age.

WELL CHARACTERISTICS.-- Drilled unused artesian well, diameter 12 in, depth 400 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, at land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

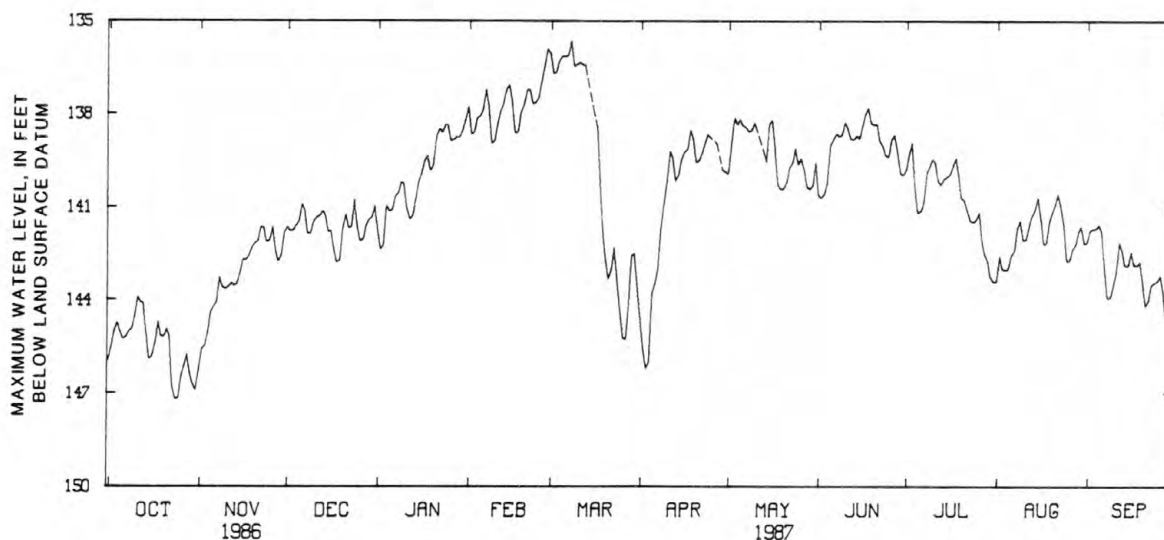
PERIOD OF RECORD.--Miscellaneous water-level measurements November 1971, August 1976; April 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 133.14 ft below land-surface datum Nov. 4, 1971; lowest, 182.42 ft below land-surface datum, Aug. 26, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	145.01	144.40	141.46	141.16	138.09	136.13	143.80	138.19	138.99	141.19	143.02	141.58
10	144.51	143.67	141.47	140.27	138.90	136.39	140.28	138.30	138.29	139.47	142.06	143.50
15	145.91	143.12	141.80	140.17	137.05	---	139.47	138.33	138.82	140.02	140.70	142.90
20	145.20	142.17	141.65	139.69	137.73	142.72	139.58	140.44	138.38	140.73	141.19	143.43
25	147.17	142.11	141.63	138.38	137.46	144.40	---	139.64	139.41	141.40	142.74	143.37
EOM	146.90	141.85	140.98	138.18	135.90	143.47	139.88	139.58	139.96	143.42	142.18	144.09

WTR YR 1987 MEAN 141.11 HIGH 135.65 MAR 8 LOW 147.20 OCT 24



GROUND-WATER LEVELS

211

COAHOMA COUNTY

341311090371801. Local number, J005.

LOCATION.--Lat 34°13'11", long 90°37'18", in SW¼NE¼ sec.9, T.27 N., R.4 W., Choctaw Meridian, Coahoma County, Hydrologic Unit 08030207, 3.2 mi northwest of Clarksdale.

Owner: E.L. Anderson.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth 118 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 172 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 3.40 ft above land-surface datum.

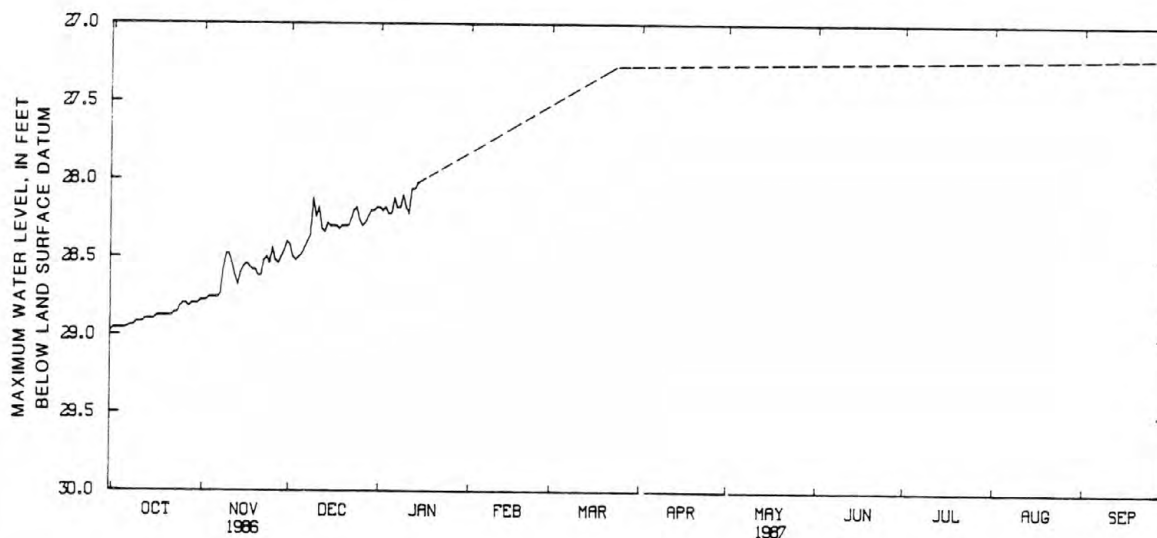
REMARKS.--Water level affected by seasonal pumping.

PERIOD OF RECORD.--Miscellaneous water-level measurements April 1955, September 1980; April 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 23 ft below land-surface datum, Apr. 1, 1955; lowest, 29.16 ft below land-surface datum, Sept. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.96	28.76	28.48	28.22		---						
10	28.92	28.48	28.24	28.18		---						
15	28.90	28.56	28.30	---		---						
20	28.88	28.62	28.30	---		---						
25	28.80	28.44	28.26	---		---						
EOM	28.78	28.40	28.18	---		---						
WTR YR 1987	MEAN	28.53	HIGH	27.74 MAR 24	LOW	28.96 OCT 1 AND OTHERS						



GROUND-WATER LEVELS

FORREST COUNTY

312115089193601. Local number, 8006.

LOCATION.--Lat 31°21'15", long 89°19'36", in SE¼NW¼ sec.32, T.5 N., R.13 W., St. Stephens Meridian, Forrest County, on Lakeview Road, 2.8 mi north west of center of Hattiesburg.

Owner: City of Hattiesburg.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 444 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 167.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 4.50 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

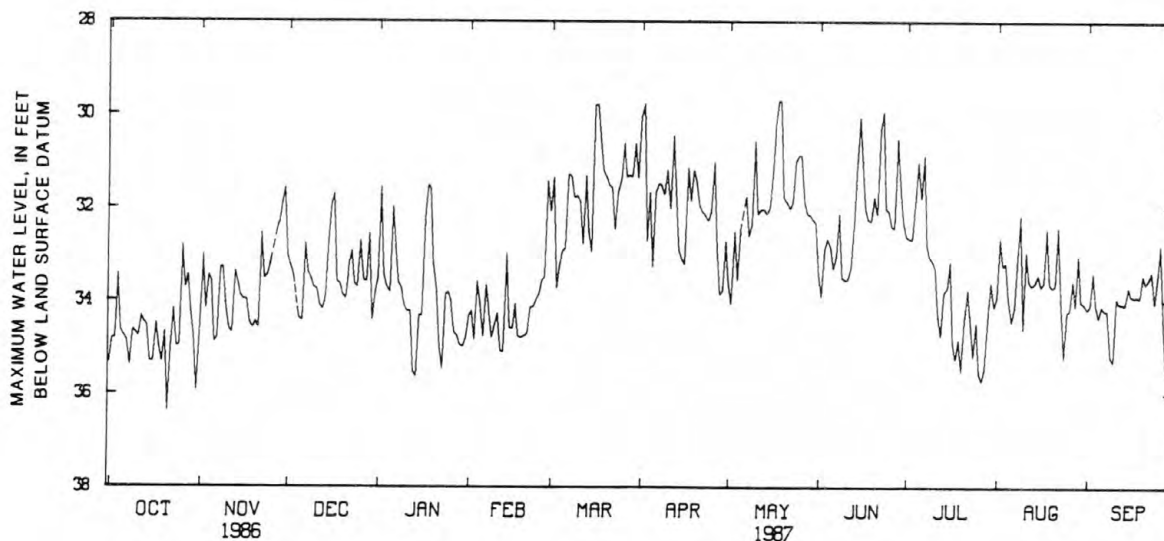
PERIOD OF RECORD.--Miscellaneous water-level measurements September 1955, May 1981, August 1981; October 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.0 ft below land-surface datum, Sept. 1, 1955; lowest, 37.72 ft Dec. 13, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	34.65	33.60	34.39	33.83	34.13	32.93	33.27	32.51	32.85	31.04	33.96	34.37
10	34.70	34.19	33.72	34.11	34.52	31.76	31.19	30.58	33.55	33.14	34.61	35.32
15	35.32	33.92	32.75	34.32	34.59	32.96	33.10	32.01	30.07	33.73	33.43	33.72
20	34.67	34.45	33.91	33.22	34.77	31.34	31.43	31.79	31.77	35.52	33.71	33.45
25	34.97	33.23	33.71	33.83	33.88	31.41	32.09	30.88	32.07	34.48	34.24	33.50
EOM	35.93	31.58	33.85	34.80	31.44	31.37	32.73	32.33	32.33	34.14	34.08	34.62

WTR YR 1987 MEAN 33.26 HIGH 29.71 MAY 18 LOW 36.37 OCT 21



GROUND-WATER LEVELS

213

HARRISON COUNTY

302355088540301. Local number, M120.

LOCATION.--Lat 30°23'55", long 88°54'03", in NW¼SE¼ sec.26, T.7 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170004, at Howard Avenue and Querens Street, 1.0 mi west of center of Biloxi.

Owner: City of Biloxi.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth reported 928 ft, sounded to 660 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 21.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8-in flange, 3.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

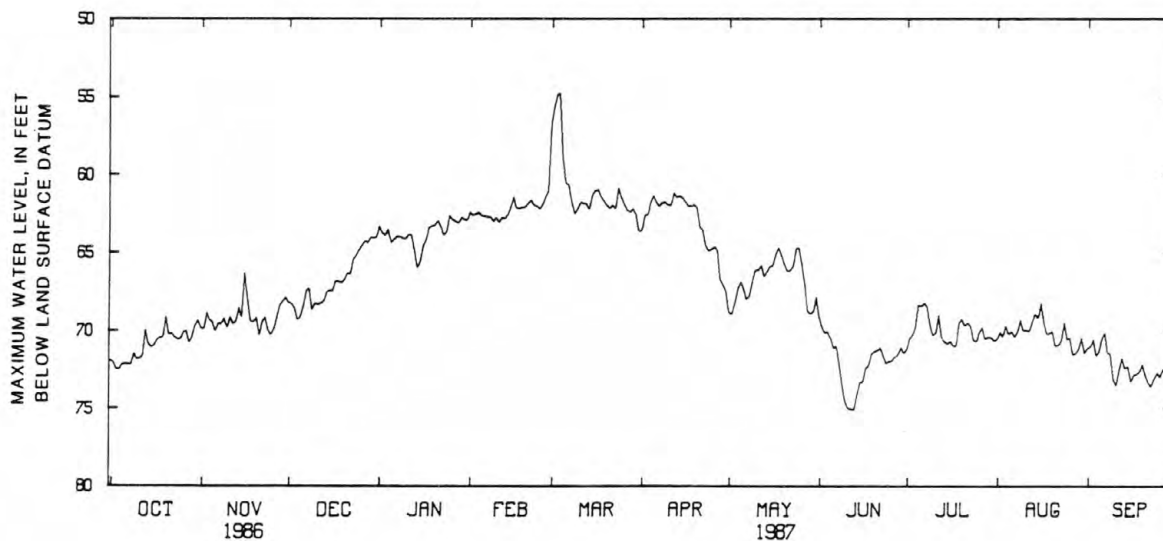
PERIOD OF RECORD.--Miscellaneous water-level measurements 1903; periodic water-level measurements January 1945 to June 1946; March 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 44.0 ft above land-surface datum, 1903; lowest, 79.14 ft below land-surface datum, Aug. 5, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	72.20	69.49	69.16	64.41	62.70	59.00	61.39	66.89	70.53	68.42	70.27	71.37
10	71.89	69.87	68.28	64.18	62.84	62.17	61.98	66.14	74.58	70.34	70.05	73.19
15	71.10	69.19	67.46	65.58	62.10	61.34	61.54	65.91	73.34	70.90	69.22	72.35
20	69.14	69.19	66.78	63.30	62.15	62.00	62.18	65.68	71.36	69.30	70.06	72.19
25	70.60	70.34	64.91	62.68	62.26	61.54	64.81	64.74	72.01	70.77	70.58	72.77
EOM	69.38	67.93	64.10	63.00	61.09	63.64	67.51	67.87	71.49	70.69	71.50	72.41

WTR YR 1987 MEAN 67.40 HIGH 54.81 MAR 4 LOW 75.12 JUN 13



GROUND-WATER LEVELS

HARRISON COUNTY--Continued

302406088593201. Local number, M544.

LOCATION.--Lat 30°24'06", long 88°59'32", in NW¼SE¼ sec.28, T.7 S., R.10 W., St. Stephens Meridian, Harrison County Hydrologic Unit 03170009, at Edgewater Subdivision, Lakeview Drive, north of Pass Road, near center of Biloxi.

Owner: City of Biloxi.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 800 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 25 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

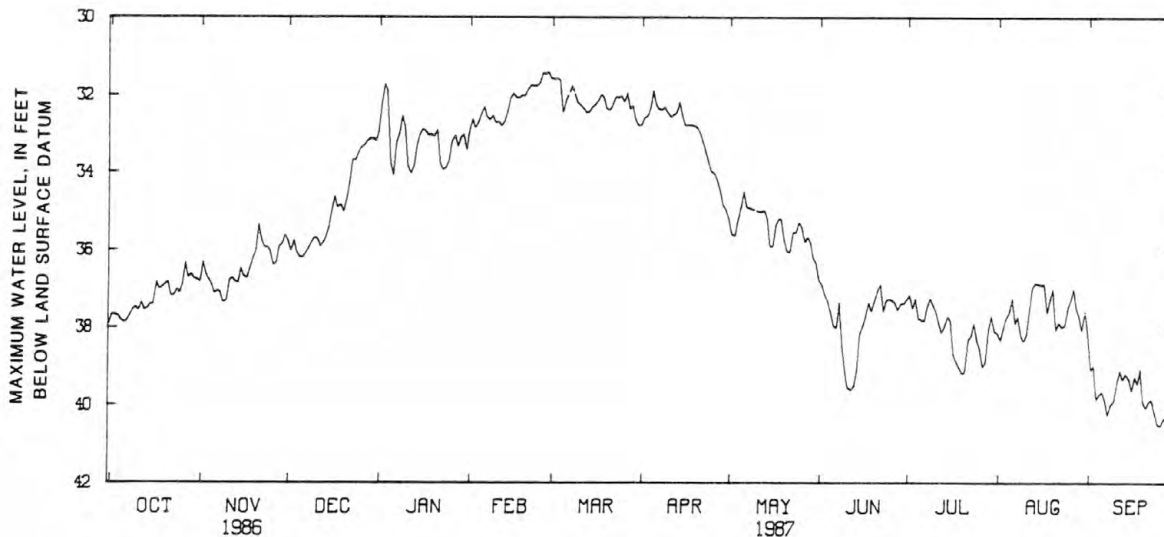
Measuring point: 1/2-in. plastic plug, top of seal, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--Miscellaneous water-level measurements June 1969, October 1981; April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 19.49 ft above land-surface datum, Apr. 23, 1983; lowest, 41.67 ft below land-surface datum, July 31, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	37.82	36.89	36.20	33.79	32.50	32.47	31.88	34.90	37.62	37.76	37.64	39.72
10	37.48	37.33	35.70	32.86	32.74	32.21	32.46	---	39.11	37.42	38.36	39.90
15	37.40	36.49	35.45	33.03	32.06	32.32	32.54	35.91	38.15	37.71	36.90	39.32
20	36.90	36.05	35.04	33.10	32.01	32.38	32.86	35.71	37.33	39.18	37.02	39.93
25	37.12	36.02	33.53	33.72	31.70	32.04	34.00	35.30	37.27	38.32	37.50	40.50
EOM	36.77	35.63	33.23	33.44	31.41	32.80	34.97	36.34	37.38	38.11	37.57	40.11
WTR YR 1987	MEAN	35.70	HIGH	31.41	FEB 28	LOW	40.53	SEP 26				



HINDS COUNTY

321945090152201. Local number, G125.

LOCATION.--Lat 32°19'45", long 90°15'22", in SE¼SW¼ sec.25, T.6 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at Clinton Boulevard and Dixon Road, 5 mi northwest of center of Jackson.

Owner: Shady Oaks Country Club.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 852 ft, cased to 802 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by USGS personnel.

DATUM.--Land-surface datum is 372 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

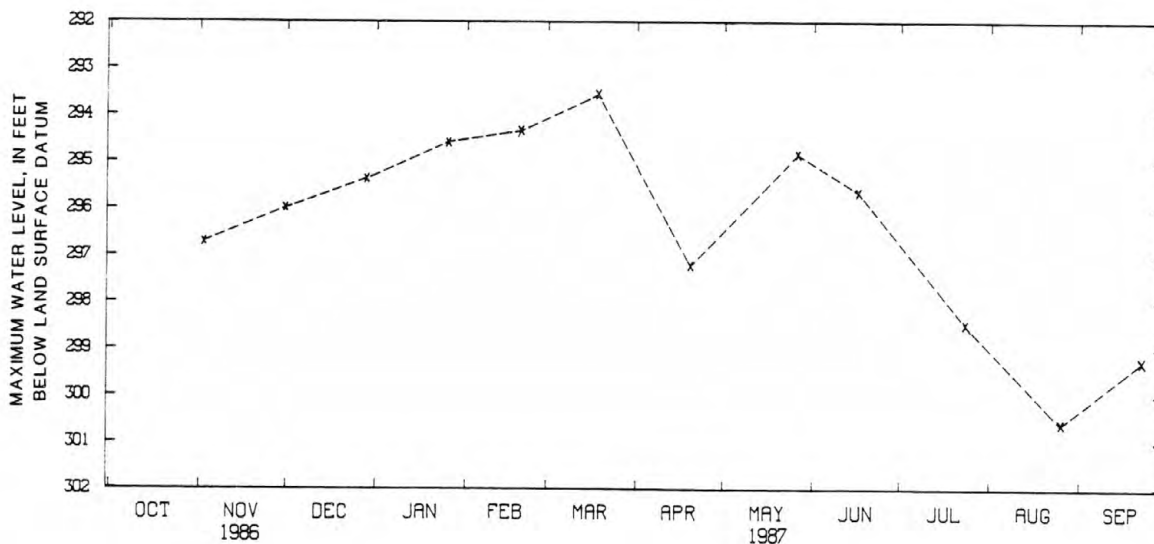
Measuring point: Top of 4-in coupling, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--Miscellaneous water-level measurement 1928; periodic water-level measurements September 1944 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 160.0 ft below land-surface datum, 1928; lowest measured, 302.48 ft below land-surface datum, Oct. 29, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	296.72	DEC 29	295.36	FEB 20	294.35	APR 20	297.22	JUN 17	295.67	AUG 26	300.61
DEC 1	295.98	JAN 26	294.59	MAR 19	293.55	MAY 27	294.83	JUL 24	298.49	SEP 23	299.27



GROUND-WATER LEVELS

HINDS COUNTY--Continued

321957090105601. Local number, H155.

LOCATION.--Lat 32°19'57", long 90°10'56", in NW¼SE¼ sec.27, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, on North West Street near Taylor Street, 2.0 mi north of center of Jackson.

Owner: Mississippi Bureau of Geology.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well (test hole), diameter 4 in, depth 158 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by USGS personnel.

DATUM.--Land-surface datum is 330 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

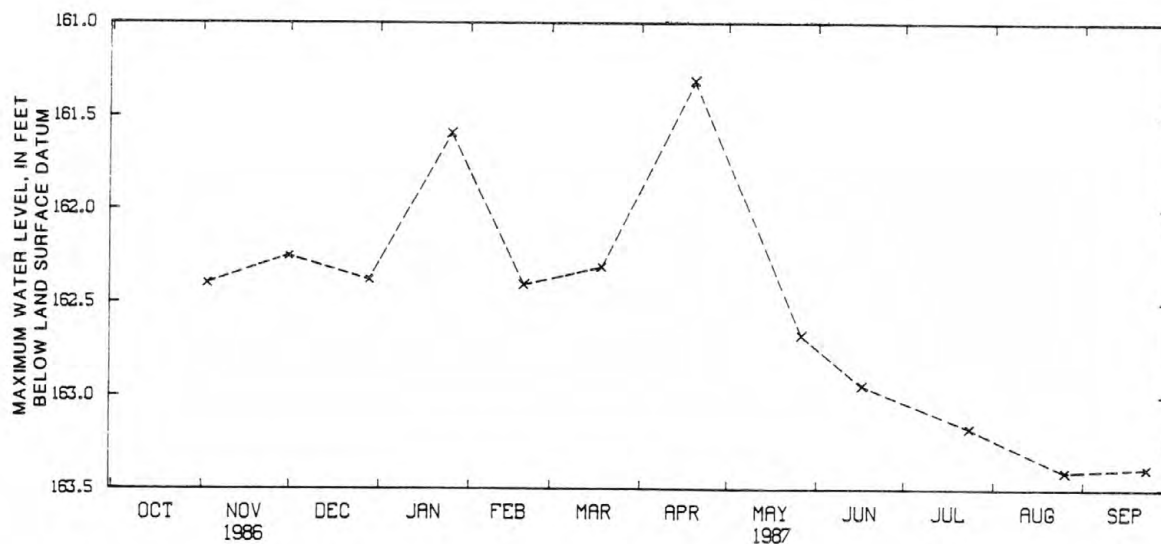
Measuring point: Top of casing, 40 ft above land-surface datum.

PERIOD OF RECORD.--Periodic water-level measurements July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 143.13 ft below land-surface datum, July 11, 1972; lowest measured, 163.41 ft below land-surface datum, Aug. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	162.40	DEC 29	162.38	FEB 20	162.41	APR 20	161.31	JUN 17	162.95	AUG 26	163.41
DEC 1	162.25	JAN 26	161.59	MAR 19	162.31	MAY 27	162.68	JUL 24	163.18	SEP 23	163.39



GROUND-WATER LEVELS

217

ITAWAMBA COUNTY

341604088244601. Local number, G067. (USCE 106B)

LOCATION.--Lat 34°16'04", long 88°24'46", in SW¼SE¼ sec.25, T.9 S., R.8 E., Choctaw Meridian, Itawamba County, Hydrologic Unit 03160101, along railroad track, 0.6 mi southeast of center of Fulton.

Owner: U.S. Army, Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 175 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 284 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Base of recorder house floor, 3.80 ft above land-surface datum.

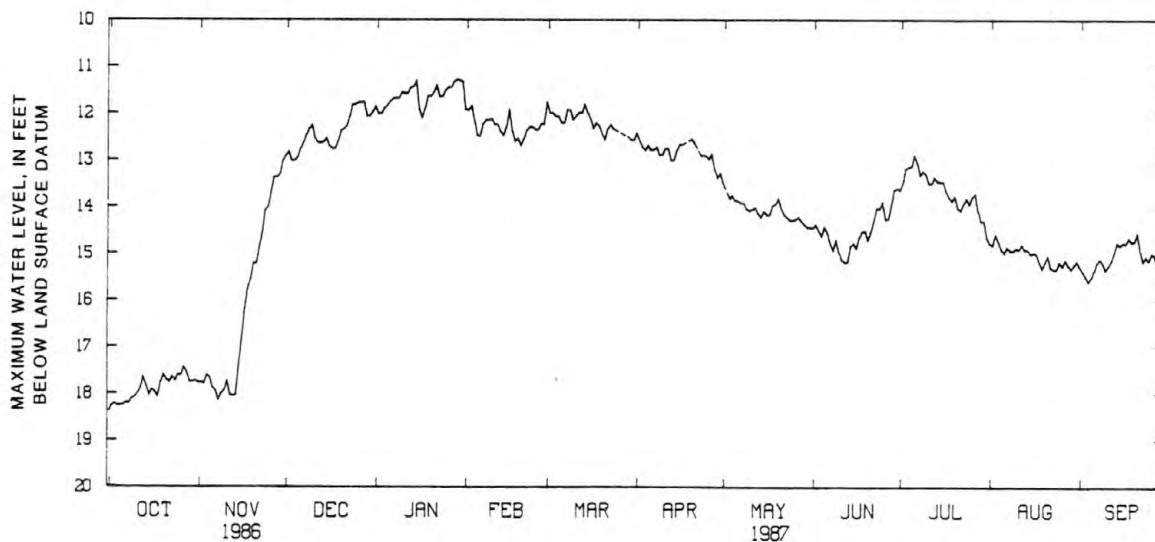
REMARKS.--Water levels affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.17 ft below land-surface datum, June 8, 1978; lowest, 44.16 ft below land-surface datum, Oct. 2, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.25	17.66	12.96	11.84	12.48	12.07	12.69	13.86	14.43	13.13	14.92	15.52
10	18.08	17.94	12.26	11.56	12.12	12.14	12.89	14.09	14.98	13.30	14.89	15.36
15	18.04	17.40	12.54	11.31	12.30	11.98	12.80	14.10	14.78	13.47	15.01	14.83
20	17.60	15.22	12.37	11.64	12.70	12.44	12.55	13.82	14.72	13.78	15.18	14.74
25	17.61	14.01	11.81	11.52	12.35	---	12.92	14.29	13.90	13.95	15.18	15.15
EOM	17.73	13.02	11.97	11.33	12.24	12.58	13.29	14.45	13.60	14.67	15.16	15.10
WTR YR 1987	MEAN	14.03	HIGH	11.28	JAN 29	LOW	18.38	OCT 1				



GROUND-WATER LEVELS

JASPER COUNTY

315313088583302. Local number, Q047.

LOCATION.--Lat 31°53'13", long 88°58'33", in NW¼ sec.33, T.1 N., R.10 W., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, in Heidelberg Industrial Park, 1.0 mi east of center of Heidelberg.

Owner: City of Heidelberg.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 2,680 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 375 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 1.00 ft above land-surface datum.

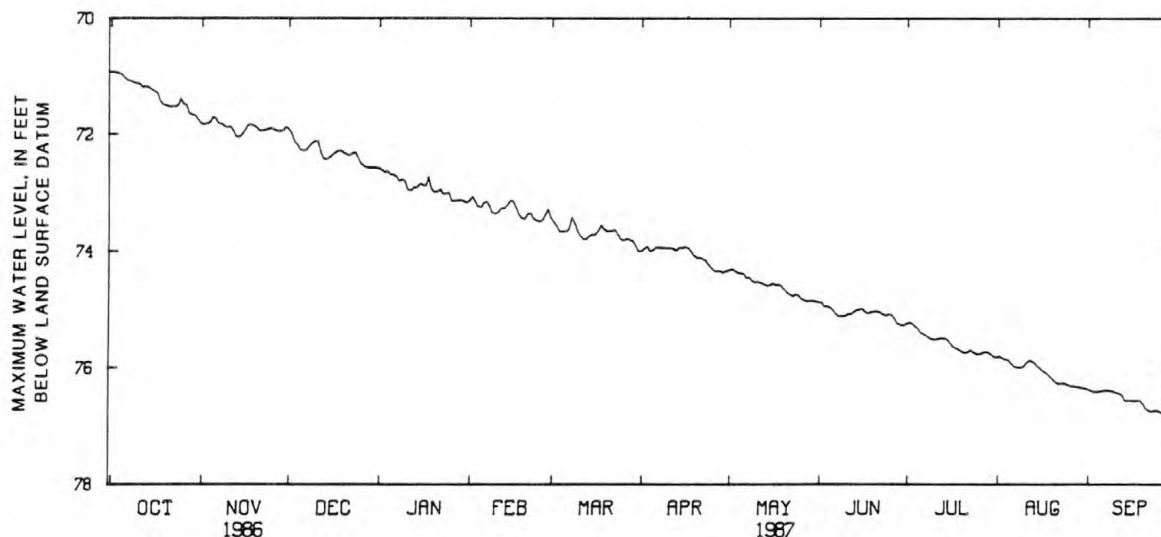
PERIOD OF RECORD.--February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 67.01 ft below land-surface datum, Feb. 5, 1986; lowest, 76.81 ft below land-surface datum, Sept. 28, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	70.97	71.69	72.27	72.69	73.25	73.66	73.98	74.38	74.97	75.33	75.87	76.41
10	71.11	71.88	72.12	72.80	73.36	73.65	73.94	74.54	75.11	75.51	75.98	76.41
15	71.22	72.00	72.40	72.84	73.13	73.71	73.94	74.58	74.99	75.52	75.98	76.56
20	71.50	71.88	72.33	72.99	73.45	73.66	74.11	74.64	75.03	75.72	76.19	76.62
25	71.37	71.89	72.41	72.99	73.49	73.81	74.28	74.76	75.08	75.76	76.29	76.73
EOM	71.74	71.87	72.57	73.16	73.27	74.00	74.33	74.86	75.27	75.81	76.34	76.75

WTR YR 1987 MEAN 73.94 HIGH 70.92 OCT 1 AND OTHERS LOW 76.81 SEP 28



JONES COUNTY

314210089084401. Local number, C034.

LOCATION.--Lat 31°42'47", long 89°08'44", in SW¼SE¼ sec.31, T.9 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, at 10th Avenue and 8th Street, north of center of Laurel.

Owner: City of Laurel.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 18-12 in, depth 383 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 276 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 1-in hole in pump base plate, 0.75 ft above land-surface datum.

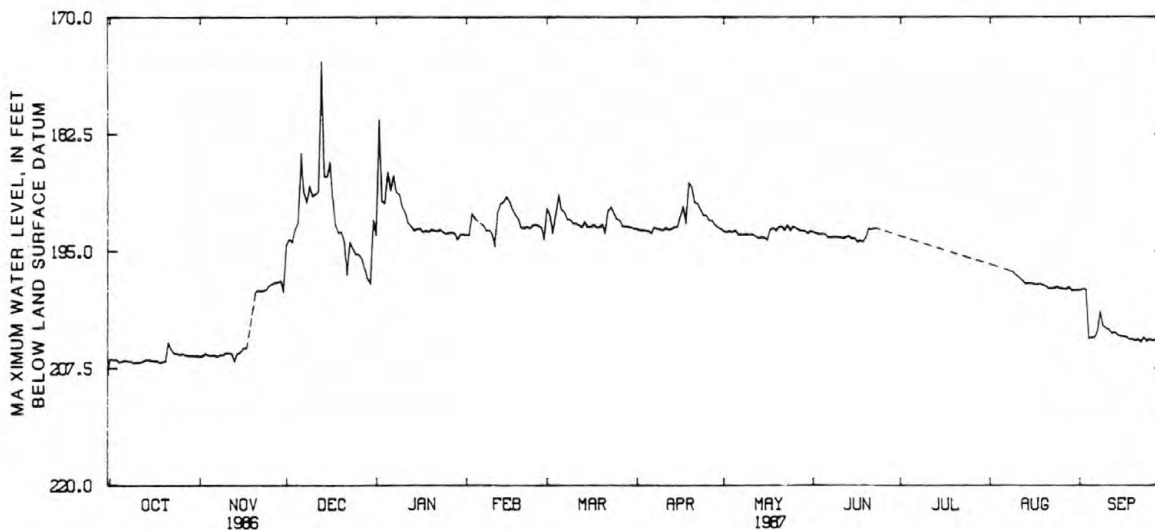
REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--Miscellaneous water-level measurement October 1945; September 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 127 ft below land-surface datum, Oct. 1, 1945; lowest, 216.39 ft below land-surface datum, June 9, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	206.78	206.11	191.95	186.56	191.33	188.97	192.92	192.80	193.24	---	---	204.27
10	206.89	205.87	189.16	190.31	193.20	192.09	192.85	193.28	193.55	---	202.61	203.38
15	206.70	205.79	187.07	192.65	189.20	192.48	192.49	193.63	193.60	---	203.40	204.13
20	206.75	199.48	193.00	192.70	192.50	192.18	188.18	192.44	192.60	---	203.86	204.53
25	206.08	198.68	195.33	193.21	192.16	191.60	191.24	192.39	---	---	203.91	204.32
EOM	206.16	199.34	191.69	193.25	193.81	192.68	192.68	192.88	---	---	204.01	204.24
WTR YR 1987	MEAN	196.47	HIGH	174.77	DEC 13	LOW	206.98	OCT 9				



GROUND-WATER LEVELS

JONES COUNTY--Continued

313928089103001. Local number, F020.

LOCATION.--Lat 31°39'28", long 89°10'30", in NE¼SE¼ sec.14, T.8 N., R.12 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, 0.2 mi south of Laurel Airport and 5.0 mi southwest of center of Laurel.

Owner: City of Laurel.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 20-12 in, depth 466 ft, cased to 406 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 2.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

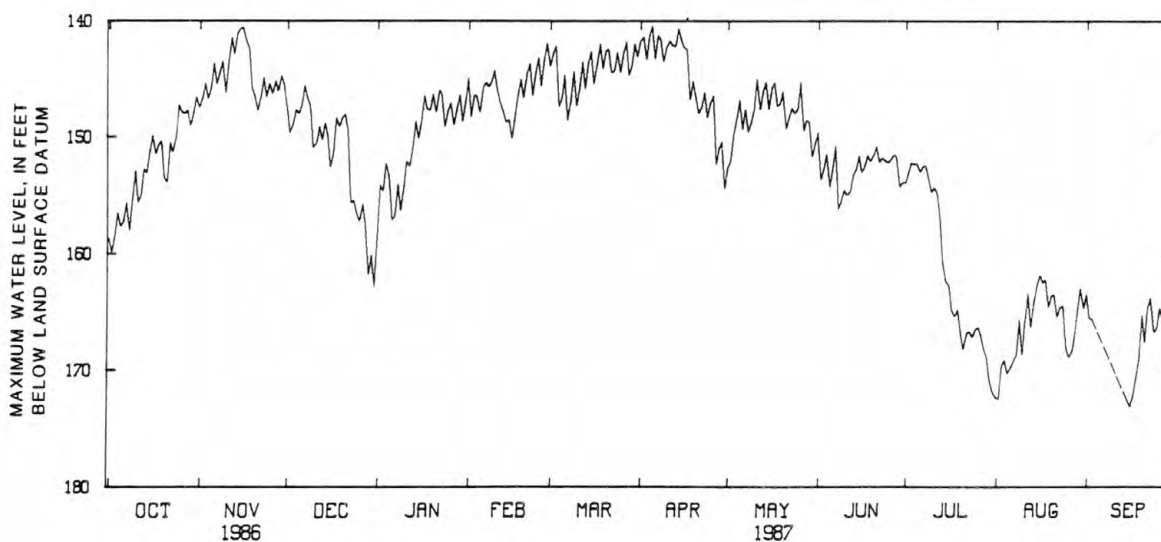
PERIOD OF RECORD.--February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 118.8 ft below land-surface datum, Dec. 5, 1977; lowest, 202.39 ft below land-surface datum, Aug. 15, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	157.70	145.76	148.01	153.37	147.87	146.65	140.42	146.78	154.28	152.33	170.31	---
10	152.91	146.19	150.89	154.43	144.24	147.31	142.27	147.73	154.57	154.73	168.68	---
15	151.30	140.66	149.91	150.19	148.55	142.61	141.57	147.66	151.65	162.47	162.66	---
20	153.55	146.46	148.34	146.22	146.60	142.53	146.57	146.05	151.68	166.86	163.57	165.33
25	147.24	145.40	156.53	147.76	143.19	144.37	147.08	147.62	152.24	166.53	168.08	166.39
EOM	146.51	145.38	162.78	146.95	141.88	143.11	154.45	150.55	153.87	171.94	164.71	164.93

WTR YR 1987 MEAN 152.01 HIGH 140.42 APR 5 LOW 173.04 SEP 16



GROUND-WATER LEVELS

221

LAFAYETTE COUNTY

342550089312801. Local number, B004.

LOCATION.--Lat 34°25'50", long 89°31'28", SW¼NW¼ sec.33, T.7 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on west side of State Highway 7, 5.0 mi north of center of Oxford.

Owner: Champion Industries.

AQUIFER.--Sand of Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 248 ft, cased to 208 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 430 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

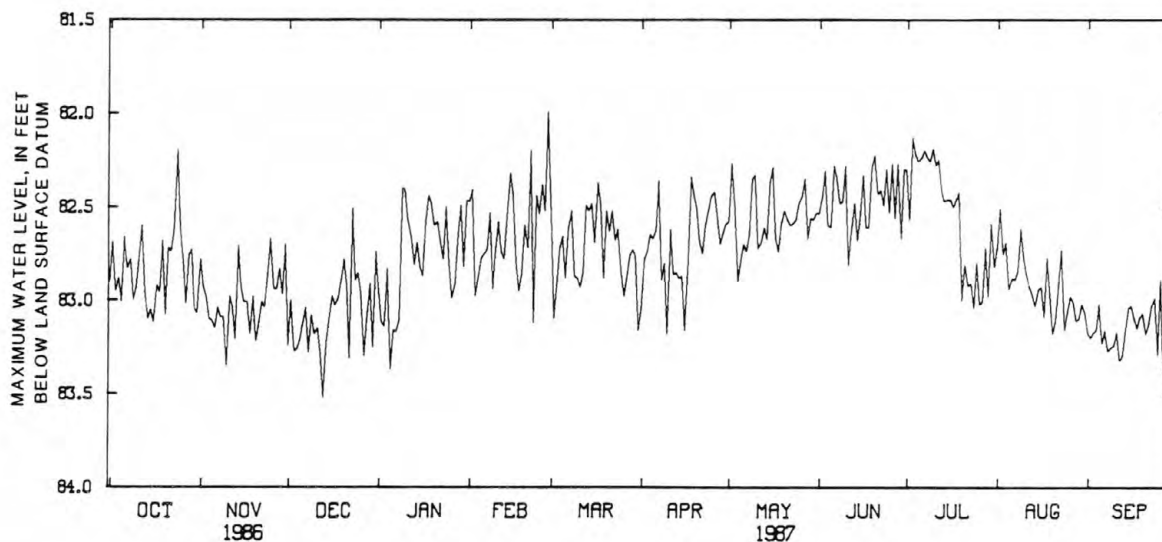
Measuring point: Top of concrete base, 1.80 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 79.40 ft below land-surface datum, June 16, 1980; lowest, 88.65 ft below land-surface datum, Dec. 29, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	83.01	83.11	83.21	83.37	82.77	82.66	82.67	82.79	82.61	82.26	82.94	83.02
10	82.93	83.35	83.18	82.41	82.73	82.88	83.18	82.33	82.28	82.19	82.77	83.24
15	83.05	82.93	83.10	82.82	82.32	82.48	82.87	82.37	82.54	82.46	82.94	83.04
20	83.08	83.22	82.78	82.60	82.60	82.52	82.51	82.52	82.23	83.00	83.18	83.07
25	82.61	82.67	82.85	82.80	82.54	82.86	82.44	82.48	82.53	82.80	83.06	83.29
EOM	83.07	82.70	82.74	82.47	81.99	83.16	82.59	82.53	82.30	82.82	83.07	83.24
WTR YR 1987	MEAN	82.79	HIGH	81.99	FEB 28	LOW	83.52	DEC 13				



GROUND-WATER LEVELS
LAFAYETTE COUNTY--Continued

342136089315001. Local number, F005.

LOCATION.--Lat 34°21'36", long 89°31'50", in NW¼NE¼ sec.29, T.8 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, at University of Mississippi, 1.0 mi southwest of center of Oxford.

Owner: University of Mississippi.

AQUIFER.--Sand of Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in., depth 113 ft, cased to 98 ft.

DATUM.--Land-surface datum is 460 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

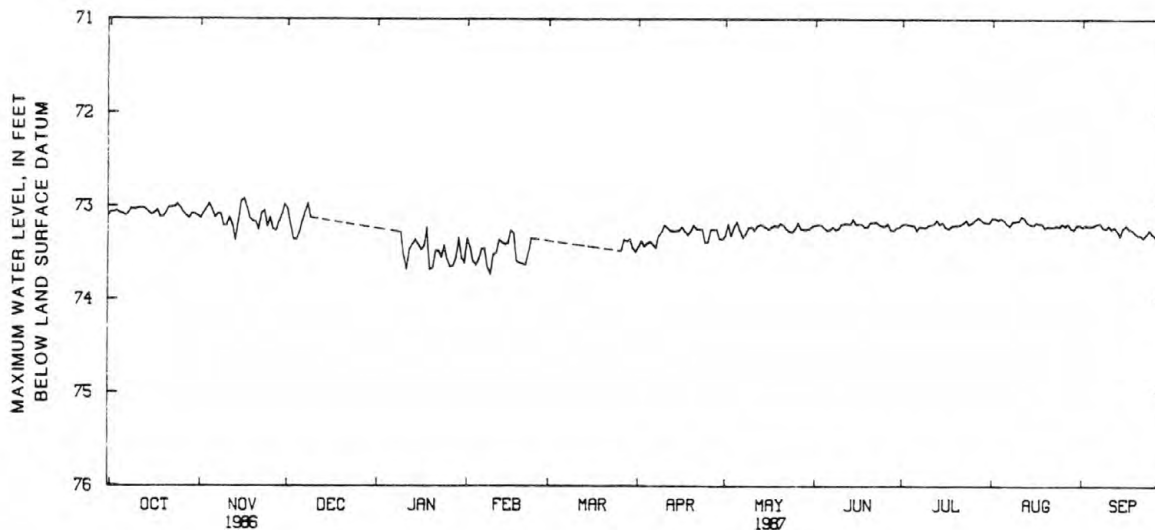
Measuring point: Top of concrete base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--Miscellaneous water-level measurement 1962; October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.14 ft below land-surface datum, Dec. 9, 1976; lowest measured, 82.00 ft below land-surface datum, March 30, 1962.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 8	73.44	MAR 25	73.46	JUL 13	73.10



GROUND-WATER LEVELS

223

LEFLORE COUNTY

333315090151801. Local number, G033.

LOCATION.--Lat 33°33'15", long 90°15'18", in NE¼SW¼ sec.36, T.20 N., R.1 W., Choctaw Meridian, Leflore County, Hydrologic Unit 08030207, 2.5 mi northwest of Greenwood along U.S. Highway 49.

Owner: John Carl.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 10 in, depth 110 ft.

INSTRUMENTATION.--Water-level recorder--60-minute punch.

DATUM.--Land-surface datum is about 136 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house, 2.00 ft above land-surface datum.

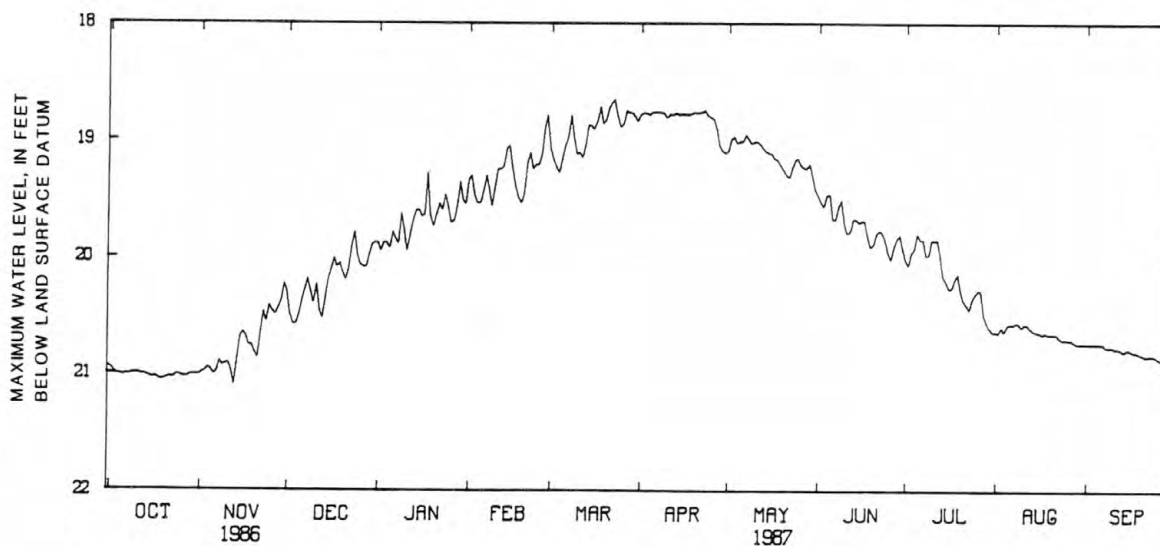
PERIOD OF RECORD.--Periodic water-level measurements September 1982 to March 1983; April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.11 ft below land-surface datum, Mar. 29, 1984; lowest water level measured 21.10 ft below land-surface datum, Nov. 13, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.01	20.97	20.50	19.93	19.54	19.16	18.76	19.01	19.46	19.80	20.58	20.74
10	21.00	20.92	20.40	19.77	19.41	19.12	18.81	19.01	19.70	19.85	20.60	20.77
15	21.03	20.69	20.19	19.60	19.05	18.88	18.78	19.11	19.70	20.21	20.64	20.79
20	21.05	20.82	20.14	19.74	19.47	18.83	18.77	19.25	19.89	20.28	20.66	20.83
25	21.01	20.42	19.98	19.56	19.21	18.89	18.81	19.15	19.96	20.31	20.70	20.85
EOM	21.01	20.23	19.88	19.55	18.79	18.84	19.11	19.42	19.93	20.64	20.74	20.93

WTR YR 1987 MEAN 19.94 HIGH 18.65 MAR 23 LOW 21.10 NOV 13



GROUND-WATER LEVELS

LOWNDES COUNTY

333805088291002. Local number A034. (USCE TTM3B)

LOCATION.--Lat 33°38'05", long 88°29'10", in NW¼NW¼ sec.36, T.16 S., R.19 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160104, 10.0 mi northwest of Columbus.

Owner: U.S. Army, Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 6 in, depth 31 ft, cased to 21 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 182 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of casing, 4.9 ft above land-surface datum.

REMARKS.--Water level affected by river stage.

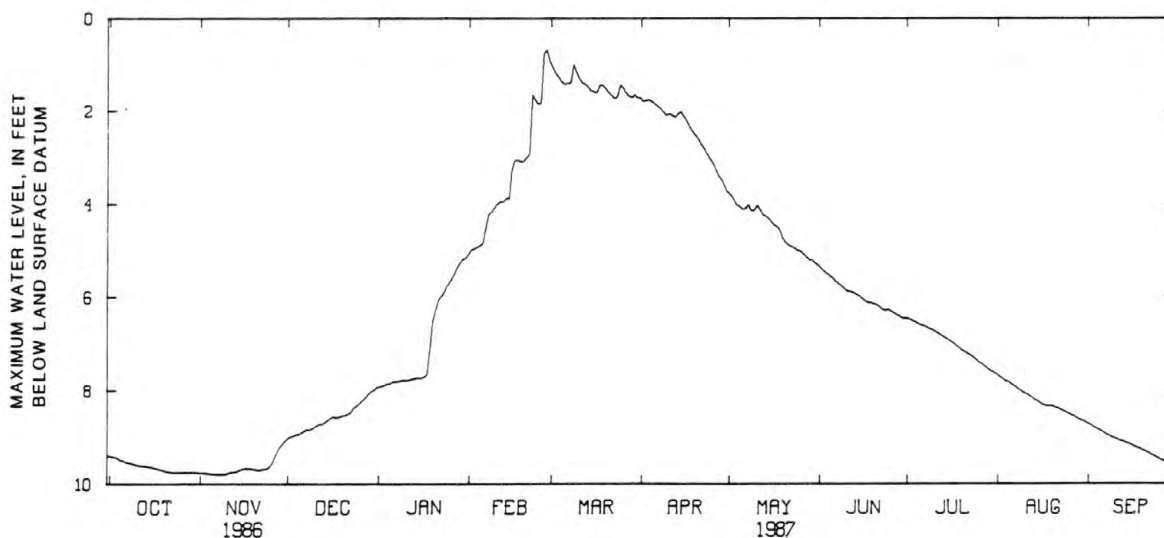
PERIOD OF RECORD.--June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.67 ft below land-surface datum, Feb. 28, 1987; lowest, 25.91 ft below land-surface datum, Sept. 15, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.49	9.79	8.94	7.86	4.89	1.36	1.80	4.06	5.54	6.56	7.81	8.85
10	9.59	9.80	8.82	7.78	4.08	1.15	2.09	4.15	5.81	6.70	8.04	9.03
15	9.64	9.71	8.65	7.74	3.89	1.55	2.02	4.32	5.98	6.89	8.23	9.15
20	9.72	9.70	8.55	6.50	3.10	1.50	2.53	4.75	6.15	7.12	8.33	9.29
25	9.76	9.65	8.34	5.75	1.85	1.42	3.04	5.00	6.26	7.34	8.48	9.45
EOM	9.76	9.12	7.99	5.16	.67	1.71	3.62	5.27	6.46	7.62	8.66	9.61

WTR YR 1987 MEAN 6.43 HIGH .67 FEB 28 LOW 9.80 NOV 6 AND OTHERS



GROUND-WATER LEVELS

225

MONROE COUNTY

334958088323601. Local number, L075. (USCE AB11)

LOCATION.--Lat 33°49'58" long 88°32'36", in SE¼SE¼ sec.26. T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, in Aberdeen.

Owner: U.S. Army Corps of Engineer.

AQUIFER.--Sand of McShan Member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 224 ft, cased to 204 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 3.2 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--February 1977 to current year.

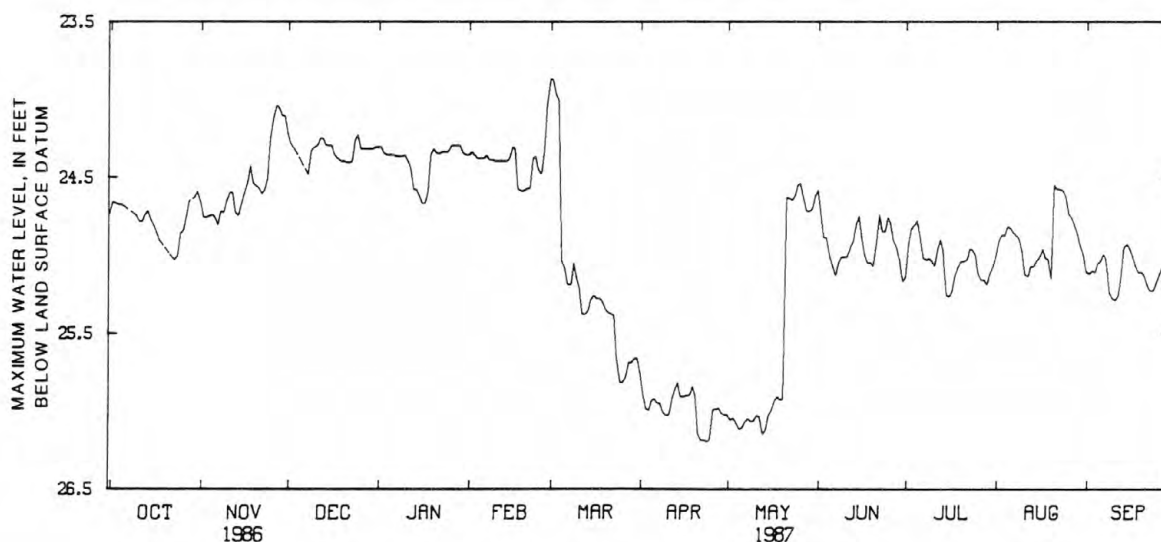
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 13.52 ft below land-surface datum, May 11, 1977; lowest, 27.43 ft below land-surface datum, Aug. 25, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.68	24.74	---	24.36	24.38	25.04	25.93	26.12	25.01	24.78	24.82	25.05
10	24.75	24.65	24.31	24.36	24.40	25.14	26.03	26.07	25.01	25.04	24.98	25.28
15	24.77	24.68	24.30	24.62	24.38	25.28	25.91	26.03	24.75	25.26	25.03	24.93
20	---	24.56	24.40	24.32	24.59	25.35	25.90	25.93	25.07	25.04	25.15	25.11
25	24.86	24.25	24.23	24.34	24.46	25.82	26.19	24.55	24.76	25.00	24.63	25.18
EOM	24.59	24.11	24.31	24.36	24.03	25.66	26.03	24.62	25.17	25.07	25.00	25.26

WTR YR 1987 MEAN 24.94 HIGH 23.87 MAR 1 LOW 26.20 APR 24



GROUND-WATER LEVELS

PANOLA COUNTY

342332090060001. Local number, K012.

LOCATION.--Lat 34°23'20", long 90°05'57", in NW¼NE¼ sec.13, T.8 S., R.9 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030202, 10.0 mi northwest of center of Batesville.

Owner: Hall Farm.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 28 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 181 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 1.20 ft above land-surface datum.

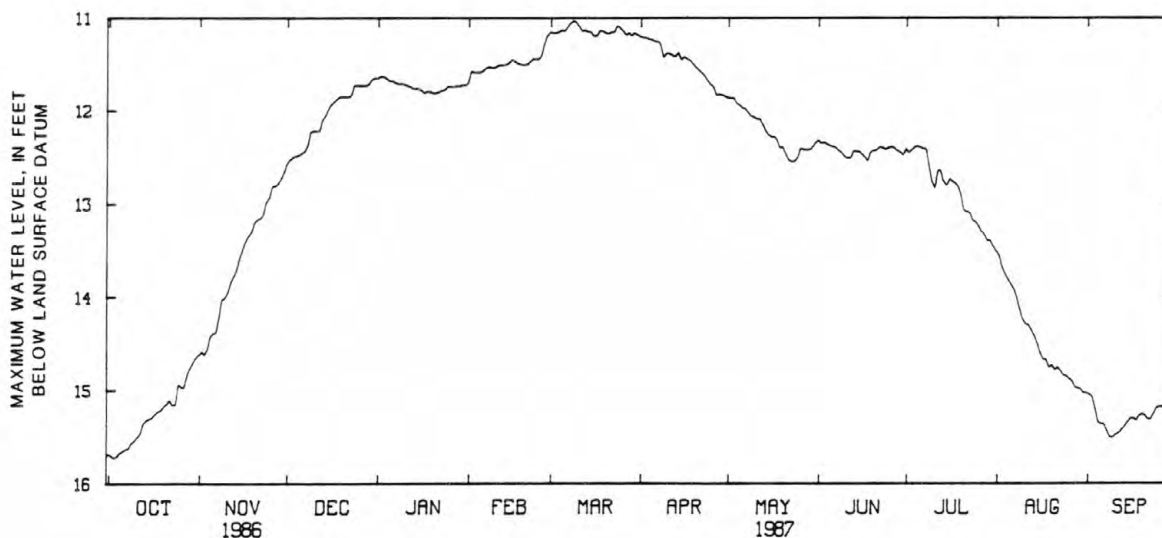
REMARKS.--Water level affected by seasonal pumping.

PERIOD OF RECORD.--May 1962, June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.08 ft below land-surface datum, Feb. 3, 1985; lowest, 15.77 ft below land-surface datum, Sept. 19, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.68	14.42	12.48	11.68	11.59	11.13	11.23	11.94	12.38	12.38	13.81	15.34
10	15.55	14.01	12.22	11.71	11.54	11.05	11.37	12.07	12.49	12.76	14.24	15.51
15	15.31	13.58	11.99	11.76	11.48	11.15	11.45	12.26	12.44	12.80	14.50	15.34
20	15.18	13.20	11.85	11.81	11.51	11.16	11.53	12.39	12.43	12.90	14.73	15.26
25	14.94	12.94	11.73	11.73	11.44	11.11	11.71	12.50	12.40	13.20	14.85	15.19
EOM	14.66	12.66	11.65	11.72	11.19	11.18	11.84	12.34	12.48	13.46	15.03	15.15
WTR YR 1987	MEAN	12.84	HIGH	11.03	MAR 9	LOW	15.73	OCT 3				



GROUND-WATER LEVELS

227

PRENTISS COUNTY

344045088325501. Local number, F061.

LOCATION.--Lat 34°40'45", long 88°32'55", in SW¼NE¼ sec.3, T.5 S, R.7 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 08010207, at Booneville-Prentiss County industrial park, northeast of center of Booneville.

Owner: Town of Booneville.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 503 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 517 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 3.00 ft above land surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--October 1984 to current year.

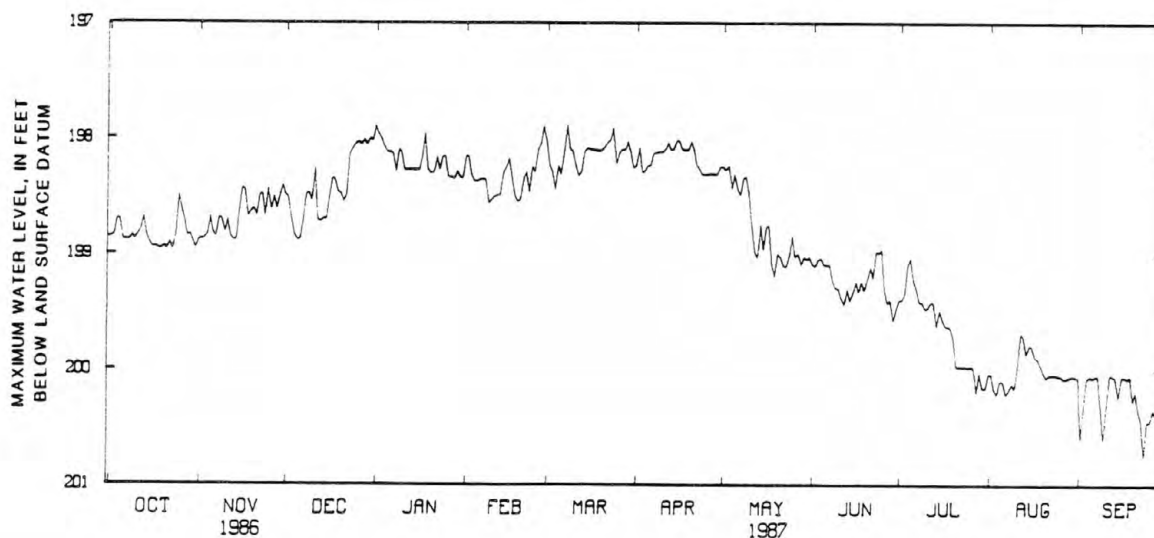
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 193.69 ft below land-surface datum, Jan. 28, 1985; lowest, 200.75 ft below land-surface datum, Sept. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	198.70	198.68	198.88	198.12	198.37	198.23	198.23	198.30	199.09	199.03	200.09	200.05
10	198.87	198.81	198.54	198.12	198.53	198.11	198.12	198.47	199.29	199.47	200.16	200.61
15	198.90	198.63	198.70	198.27	198.25	198.08	198.01	198.96	199.33	199.48	199.78	200.24
20	198.93	198.60	198.48	198.30	198.53	198.10	198.02	198.99	199.22	199.73	200.02	200.27
25	198.49	198.43	198.05	198.15	198.29	198.22	198.31	198.84	198.95	199.98	200.05	200.45
EOM	198.95	198.40	198.02	198.35	197.89	198.25	198.24	199.02	199.47	200.16	200.06	200.35

WTR YR 1987 MEAN 198.89 HIGH 197.88 MAR 8 LOW 200.75 SEP 24



GROUND-WATER LEVELS

SUNFLOWER COUNTY

332826090441601. Local number, M038.

LOCATION.--Lat 33°28'26", long 90°44'16", NE¼NW¼ sec.29, T.19 N., R.5 W., Choctaw Meridian, Sunflower County, Hydrologic Unit 08030207, 2.7 mi north of U.S. Highway 82 near Indian Bayou.

Owner: James Robertson.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth 110 ft.

INSTRUMENTATION.--Water-level recorder--60-minute punch.

DATUM.--Land-surface datum is about 123 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house, 0.50 ft above land-surface datum.

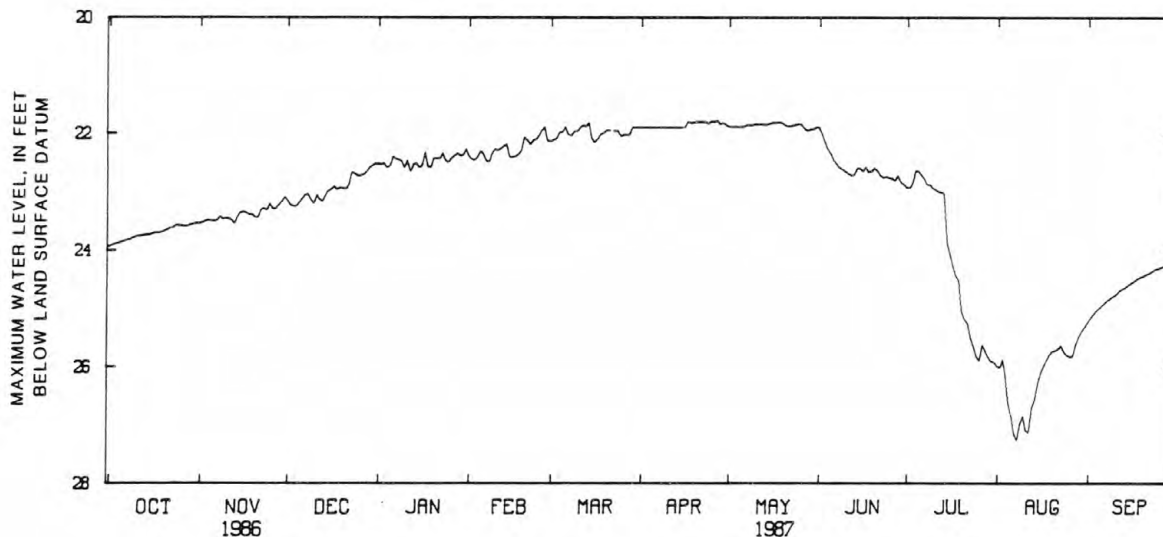
PERIOD OF RECORD.--Periodic water-level measurements September 1980 to December 1982; January 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.70 ft below land-surface datum, Jan. 8, 1986; lowest measured, 27.27 ft below land-surface datum, Aug. 8, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.87	23.51	23.19	22.57	22.31	21.99	21.90	21.89	22.35	22.65	26.62	25.00
10	23.78	23.47	23.21	22.60	22.27	21.97	21.90	21.84	22.65	22.94	26.84	24.79
15	23.74	23.36	22.99	22.59	22.41	22.09	21.90	21.83	22.60	23.90	26.27	24.60
20	23.68	23.45	22.95	22.43	22.07	21.95	21.80	21.85	22.59	25.06	25.73	24.45
25	23.59	23.20	22.74	22.50	22.04	22.06	21.79	21.84	22.77	25.83	25.81	24.32
EOM	23.55	23.10	22.53	22.27	22.13	21.90	21.86	21.89	22.88	25.93	25.31	24.22

WTR YR 1987 MEAN 23.19 HIGH 21.78 APR 27 LOW 27.27 AUG 8



GROUND-WATER LEVELS

229

TISHOMINGO COUNTY

344053088161202. Local number, J013. (USCE 34A)

LOCATION.--Lat 34°40'53", long 88°16'12", in NE¼NW¼ sec.5, T.5 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, 1.8 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 266 ft, cased to 256 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 560 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 1.0 ft above land-surface datum.

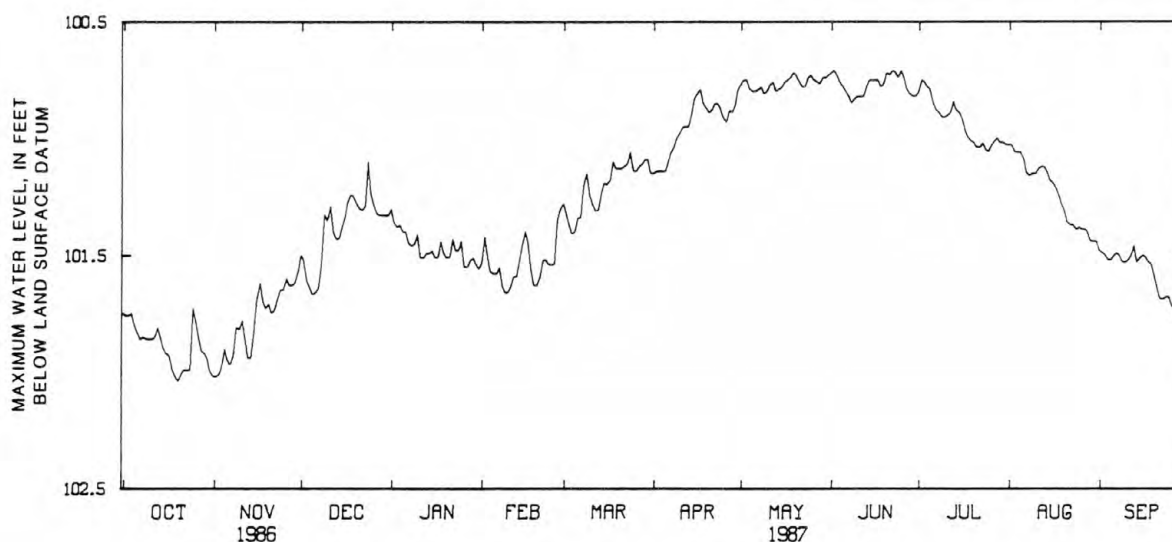
PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 82.17 ft below land-surface datum, Mar. 13, 1974; lowest, 117.63 ft below land-surface datum, Aug. 5, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	101.80	101.90	101.67	101.40	101.58	101.40	101.14	100.80	100.78	100.79	101.06	101.52
10	101.86	101.82	101.35	101.41	101.66	101.24	100.98	100.80	100.82	100.91	101.15	101.53
15	101.90	101.83	101.38	101.48	101.45	101.19	100.83	100.78	100.75	100.89	101.18	101.51
20	102.04	101.71	101.28	101.51	101.63	101.13	100.89	100.73	100.72	101.02	101.31	101.59
25	101.73	101.65	101.23	101.44	101.54	101.14	100.91	100.73	100.71	101.06	101.38	101.68
EOM	102.00	101.57	101.33	101.56	101.30	101.15	100.79	100.73	100.82	101.03	101.44	101.74

WTR YR 1987 MEAN 101.29 HIGH 100.71 JUN 2 AND OTHERS LOW 102.04 OCT 20



GROUND-WATER LEVELS

TISHOMINGO COUNTY--Continued

344053088161203. Local number, J014. (USCE 34B)

LOCATION.--Lat 34°40'53", long 88°16'12", in NE¼NW¼ sec.5, T.5 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, 1.8 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.-- Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 134 ft, cased to 129 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 560 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

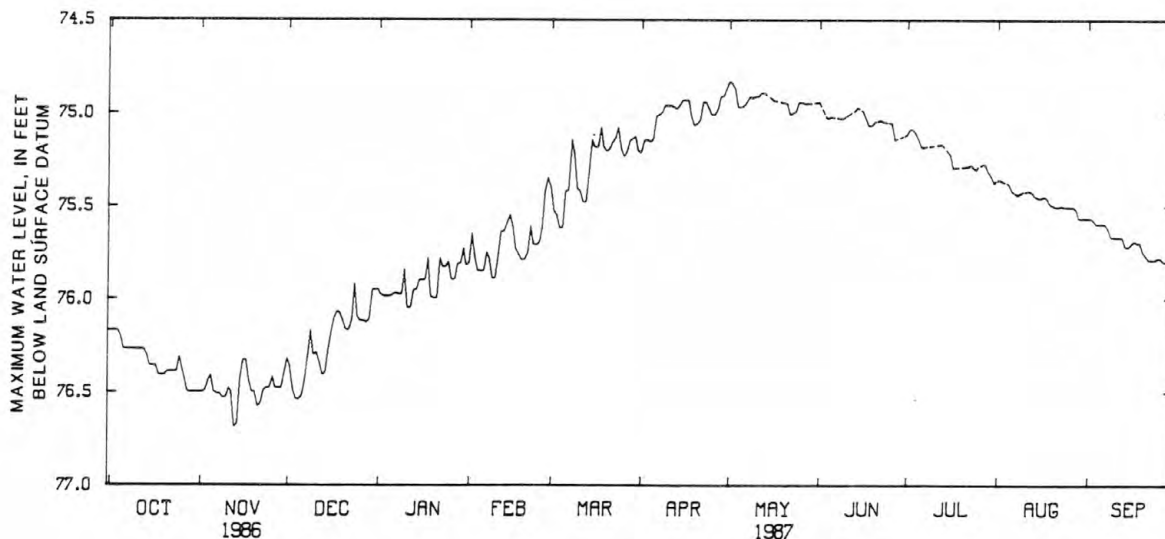
Measuring point: Top of casing, 1.65 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 69.67 ft below land-surface datum, May 23, 1974; lowest, 77.81 ft below land-surface datum, Nov. 26, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	76.20	76.41	76.54	75.99	75.85	75.62	75.15	74.97	75.02	75.14	75.38	75.60
10	76.27	76.53	76.30	75.84	75.89	75.41	74.96	74.91	---	---	---	75.67
15	76.36	76.43	76.27	75.90	75.55	75.15	74.93	---	---	---	75.46	75.72
20	76.41	76.50	76.12	76.00	75.79	75.21	75.06	---	75.05	---	75.50	75.75
25	76.31	76.48	76.10	75.80	75.70	75.20	75.01	74.94	---	75.31	75.51	75.78
EOM	76.50	76.40	75.95	75.82	75.35	75.21	74.87	---	---	75.38	75.57	75.78
WTR YR 1987	MEAN	75.68	HIGH	74.83	MAY 1	LOW	76.69	NOV 13				



WARREN COUNTY

322310090530202. Local number, J004.

LOCATION.--Lat 32°23'10", long 90°53'02", in SW¼SW¼ sec.2, T.16 N., R.3 E., Washington Meridian, Warren County, Hydrologic Unit 08030208, on north side of Industrial Road, 2.5 mi northwest of center of Vicksburg.

Owner: City of Vicksburg.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 10 in, depth 170 ft, cased to 150 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Bottom of recorder house floor, 17.26 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

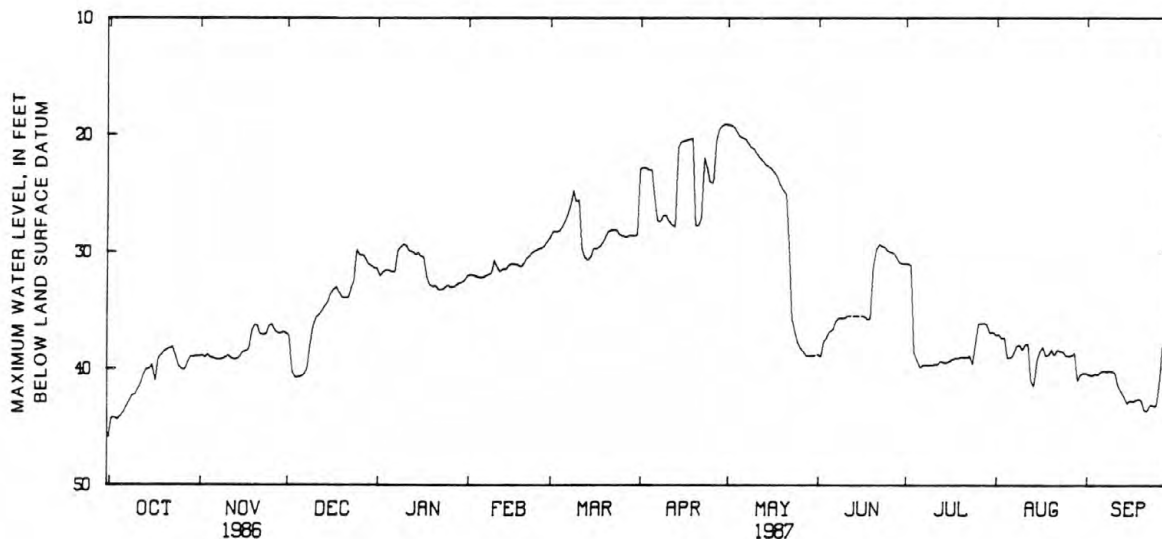
PERIOD OF RECORD.--October 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.60 ft below land-surface datum, Apr. 17, 1975; lowest, 53.98 ft below land-surface datum, Feb. 12, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	44.16	39.08	40.71	31.65	32.26	28.01	23.05	20.16	36.77	39.22	39.09	40.54
10	42.28	39.04	36.42	29.37	30.73	25.74	26.89	21.24	35.72	39.65	38.40	40.25
15	40.03	38.97	34.30	30.12	31.14	30.45	20.62	22.73	---	39.51	39.22	43.01
20	38.57	36.24	33.98	33.01	31.12	28.70	27.73	24.67	31.28	38.99	38.36	42.72
25	39.83	36.31	29.82	32.88	29.80	28.59	24.05	37.74	29.97	37.76	38.95	43.26
EOM	38.94	36.84	31.46	32.39	29.20	28.51	19.11	---	31.05	36.93	40.33	38.12

WTR YR 1987 MEAN 33.94 HIGH 19.11 APR 30 LOW 45.91 OCT 1



GROUND-WATER LEVELS

WASHINGTON COUNTY

332242091030401. Local number, D176.

LOCATION.--Lat 33°22'42", long 91°03'04", in NE¼ sec.33, T.18 N., R.5 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030207, on State Highway 1, 0.5 mi southwest of Bowman Blvd in Vicksburg.

Owner: Maclean Bowman.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 6 in, depth 70 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 123 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of 6-in casing, 1.50 ft above land-surface datum.

REMARKS.--Water level affected by seasonal pumping.

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

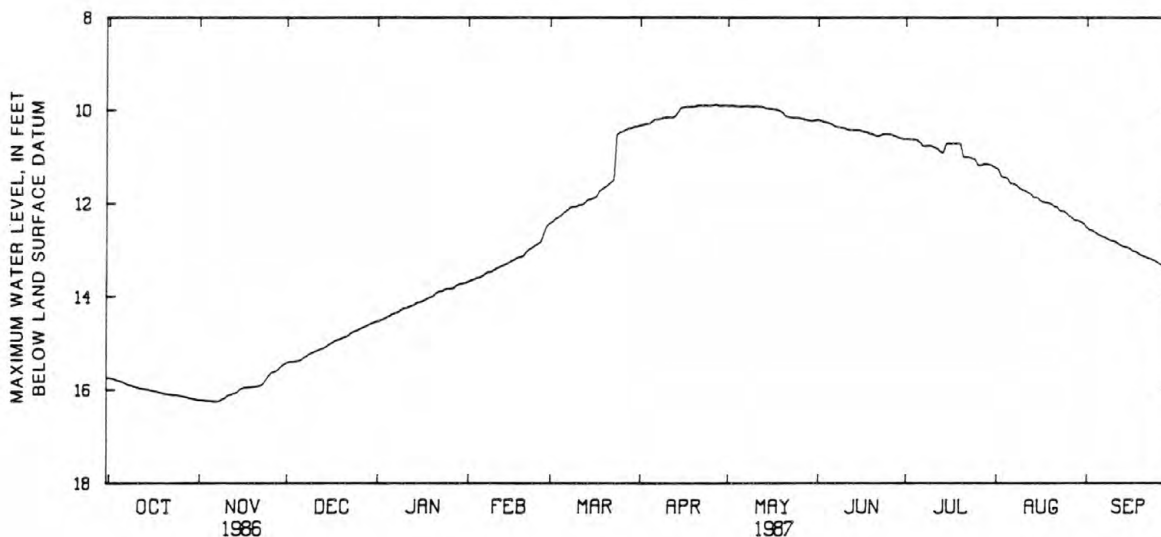
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.75 ft below land-surface datum, June 5, 1983; lowest, 16.25 ft below land-surface datum, Nov. 6, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.81	16.24	15.37	14.43	13.60	12.26	10.25	9.93	10.29	10.65	11.46	12.67
10	15.93	16.18	15.20	14.26	13.43	12.07	10.16	9.93	10.39	10.77	11.71	12.81
15	16.00	16.00	15.06	14.13	13.28	11.91	9.95	9.98	10.43	10.72	11.87	12.95
20	16.08	15.93	14.89	14.01	13.13	11.65	9.92	10.06	10.52	10.72	12.01	13.12
25	16.12	15.70	14.73	13.84	12.87	10.49	9.91	10.17	10.51	11.06	12.21	13.25
EOM	16.21	15.46	14.56	13.72	12.50	10.36	9.90	10.22	10.63	11.21	12.43	13.40

WTR YR 1987 MEAN 12.68 HIGH 9.88 APR 27 LOW 16.25 NOV 6 AND OTHERS



WASHINGTON COUNTY--Continued

332223091043301. Local number, D178.

LOCATION.--Lat 33°22'23", long 91°04'33", in irregular sec.10, T.18 N., R.9 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, 2.5 mi north of intersection of State Highway 1 and U.S. Highway 82 in Greenville.

Owner: City of Greenville.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 42 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 124 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 3.60 ft above land-surface datum.

REMARKS.--Water level affected by seasonal pumping.

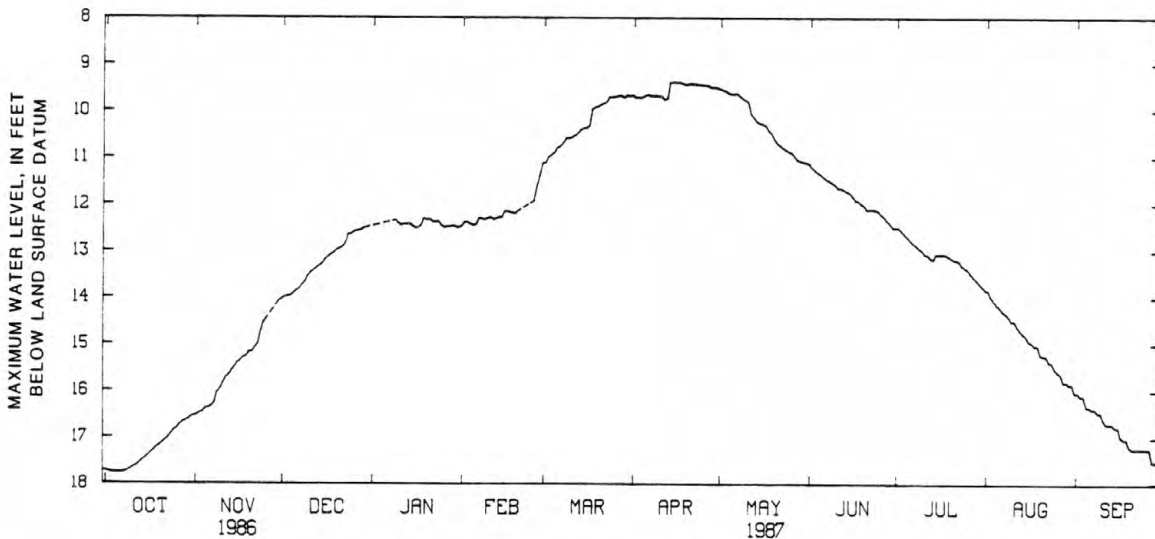
PERIOD OF RECORD.--May 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.19 ft above land-surface datum, May 19, 1983; lowest, 17.70 ft below land surface datum, Sept. 30, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.77	16.39	13.92	---	12.46	10.89	9.68	9.64	11.36	12.70	14.15	16.33
10	17.69	15.97	13.55	12.41	12.30	10.59	9.69	9.77	11.58	12.98	14.50	16.46
15	17.46	15.50	13.27	12.48	12.28	10.37	9.38	10.27	11.76	13.07	14.83	16.77
20	17.18	15.18	12.98	12.34	12.19	9.90	9.43	10.61	12.03	13.14	15.22	17.19
25	16.86	14.54	12.64	12.46	11.94	9.71	9.44	10.88	12.15	13.36	15.52	17.24
EOM	16.57	14.08	---	12.51	11.39	9.68	9.50	11.11	12.50	13.76	15.86	17.53

WTR YR 1987 MEAN 13.14 HIGH 9.38 APR 15 LOW 17.77 OCT 4 AND OTHERS



GROUND-WATER LEVELS

WASHINGTON COUNTY--Continued

330227090592001. Local number, S004.

LOCATION.--Lat 33°02'27", long 90°59'20", in SW¼SE¼ sec.28, T.14 N., R.8 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, on south side of State Highway 436, 1.2 mi northeast of center of Hampton.

Owner: Agricultural Chemical Corp.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 12 in, depth 105 ft, screened 80-105 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 111.24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.95 ft above land-surface datum.

REMARKS.--Water level affected by seasonal pumping.

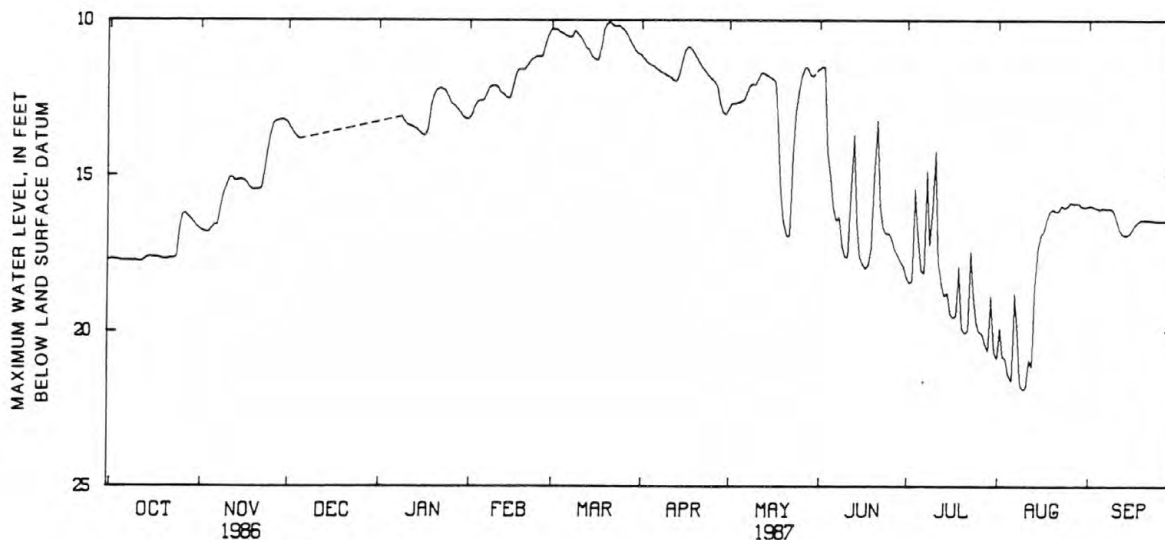
PERIOD OF RECORD.--January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.8 ft below land-surface datum, May 13, 1958; lowest, 23.39 ft below land-surface datum, Aug. 1, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.74	16.70	13.85	---	12.59	10.44	11.48	12.62	15.12	16.89	21.42	16.11
10	17.75	15.34	---	13.27	12.11	10.45	11.79	12.09	17.62	16.12	21.89	16.18
15	17.61	15.14	---	13.62	12.54	11.17	11.32	11.85	17.63	18.77	17.30	16.88
20	17.69	15.48	---	12.40	11.60	10.13	11.23	16.52	15.07	19.90	16.09	16.43
25	16.74	13.71	---	12.48	11.17	10.27	11.89	12.27	16.87	19.76	15.99	16.48
EOM	16.65	13.26	---	13.20	10.53	11.09	13.07	---	17.93	20.69	16.03	16.48

WTR YR 1987 MEAN 14.77 HIGH 10.08 MAR 21 LOW 21.89 AUG 10



WEBSTER COUNTY

333021089202901. Local number, M028.

LOCATION.--Lat 33°30'21", long 89°20'29", in SE¼SW¼ sec.15, T.19 N., R.9 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, off U.S. Highway 82, 5.0 mi southwest of center of Eupora.

Owner: Town of Eupora.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 344 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 395 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder floor, 2.75 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

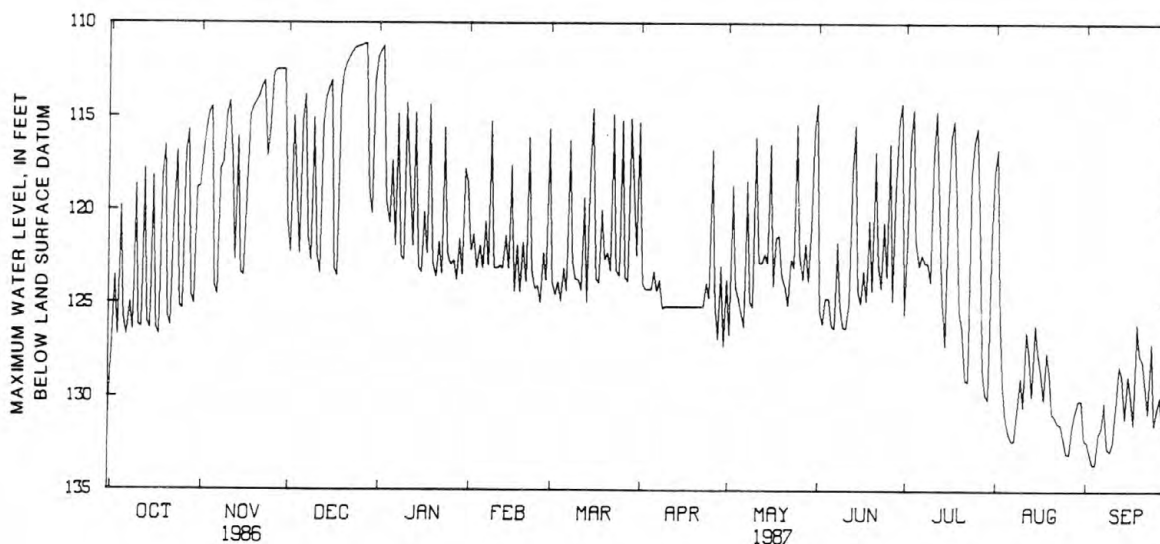
PERIOD OF RECORD.--April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 98.09 ft below land-surface datum, Apr. 29, 1985; lowest, 133.57 ft below land-surface datum, Sept. 4 and 5, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	119.75	114.44	122.31	120.68	121.87	124.87	124.22	124.70	124.70	121.61	130.99	133.57
10	118.65	114.86	115.06	122.69	123.09	123.69	125.14	125.18	126.23	123.82	128.94	132.86
15	126.38	123.35	113.48	123.07	123.11	117.96	125.14	122.77	124.28	127.22	126.09	131.10
20	116.53	114.21	112.56	122.82	121.73	122.61	125.14	123.48	124.29	125.38	128.77	127.70
25	125.18	115.69	111.26	122.30	124.04	123.51	124.68	115.37	123.52	116.32	132.25	131.45
EOM	118.83	112.49	113.16	117.76	123.76	122.43	127.27	115.79	114.23	121.46	130.15	132.24

WTR YR 1987 MEAN 122.46 HIGH 111.06 DEC 28 LOW 133.57 SEP 4 AND OTHERS



GROUND-WATER LEVELS

YAZOO COUNTY

324850090412801. Local number, J012. (USCE L7Y1)

LOCATION.--Lat 32°48'50", long 90°41'28", in NE¼SE¼ sec.10, T.11 N., R.5 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, 0.9 mi east of Holly Bluff.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 59 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 3.02 ft above land-surface datum.

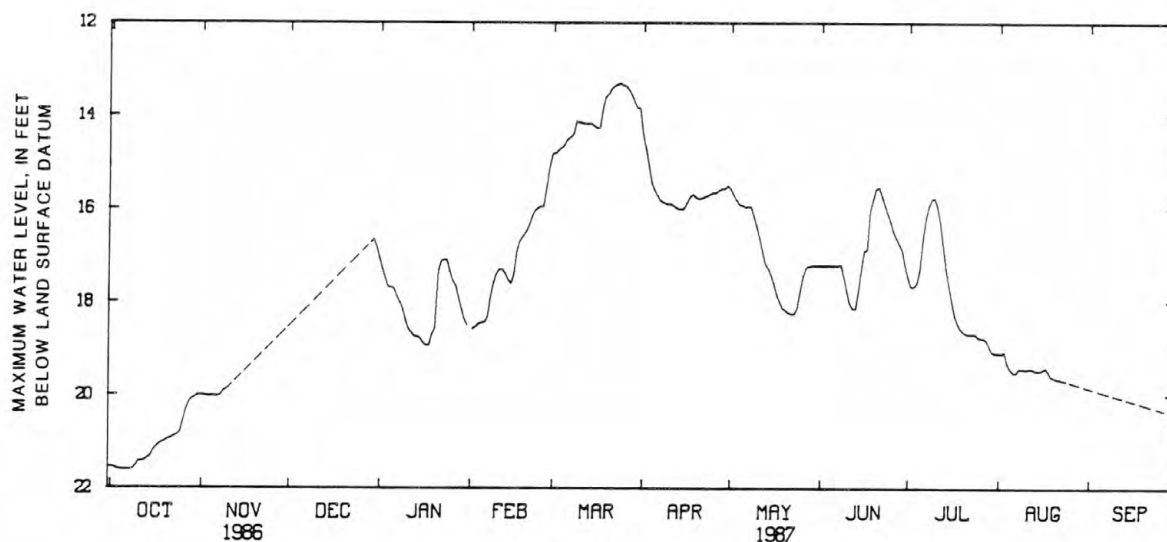
REMARKS.--Water levels affected by river stage.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.54 ft below land-surface datum, June 25, 1983; lowest, 25.37 ft below land-surface datum, Dec. 10, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.62	20.03	---	17.69	18.45	14.65	15.59	15.92	17.21	17.31	19.43	
10	21.53	19.88	---	18.40	17.40	14.16	15.89	16.36	17.73	15.76	19.44	
15	21.33	---	---	18.79	17.62	14.23	16.00	17.41	17.26	17.65	19.47	
20	21.00	---	---	18.58	16.52	13.52	15.79	18.17	15.55	18.63	19.62	
25	20.80	---	---	17.34	15.95	13.35	15.65	17.78	16.26	18.75	---	
EOM	20.01	---	16.81	18.50	15.13	13.84	15.50	17.21	17.23	19.09	---	
WTR YR 1987	MEAN	17.49	HIGH	13.30	MAR 24	LOW	21.62	OCT 5	AND OTHERS			



GROUND-WATER LEVELS

237

YAZOO COUNTY--Continued

324615090375001. Local number, J013. (USCE L7Y2)

LOCATION.--Lat 32°46'15", long 90°37'50", in SE¼NW¼ sec.19, T.11 N., R.4 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, 5.5 mi southeast of center of Holly Bluff.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 74 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 98.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 3.11 ft above land-surface datum.

REMARKS.--Water levels affected by Yazoo River stage.

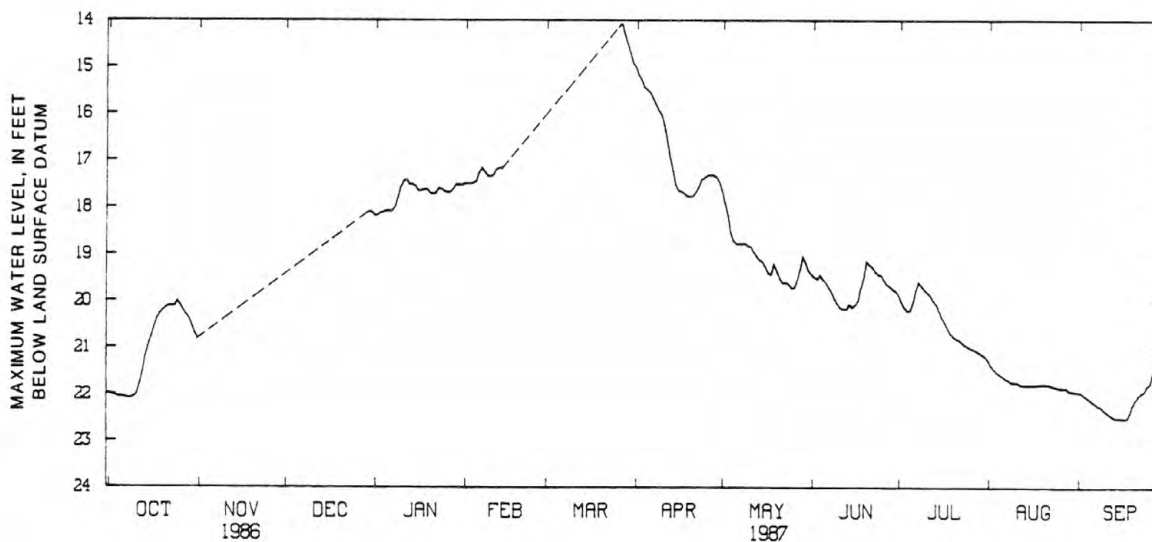
PERIOD OF RECORD.--November 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.24 ft below land-surface datum, June 5, 1983; lowest, 25.90 ft above land-surface datum, Jan. 3, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.07	---	---	18.08	17.45	---	15.49	18.72	19.54	20.21	21.57	22.11
10	22.06	---	---	17.57	17.35	---	16.03	18.83	20.07	19.76	21.75	22.33
15	20.98	---	---	17.55	---	---	17.53	19.16	20.14	20.20	21.81	22.51
20	20.21	---	---	17.69	---	---	17.78	19.35	19.15	20.76	21.79	22.23
25	20.01	---	---	17.67	---	---	17.37	19.72	19.45	20.98	21.86	21.82
EOM	20.69	---	18.11	17.53	---	14.92	17.44	19.35	19.79	21.19	21.95	22.17

WTR YR 1987 MEAN 19.59 HIGH 14.08 MAR 27 LOW 22.52 SEP 17 AND OTHERS



GROUND-WATER LEVELS

ADAMS COUNTY

312730091200602. Local number, G007.

LOCATION.--Lat 31°27'30", long 91°20'06", Hydrologic Unit 08060205, NE¼NW¼ Lot 41, T.6 N., R.2 W., 8 mi southeast of center of Natchez on Kingston Road.

Owner: Adams County Water Association.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 267 ft, cased to 217 ft.

DATUM.--Land-surface datum is about 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in pump base, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.03 ft below land-surface datum, Mar. 30, 1979; lowest measured, 64.15 ft below land-surface datum, Nov. 7, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	64.05	APR 23	63.06

312752091202201. Local number, G021.

LOCATION.--Lat 31°27'52", long 91°20'22", Hydrologic Unit 08060205, NE¼NW¼ Lot 41, T.6 N., R.2 W., 8 mi southeast of center of Natchez on Kingston Road.

Owner: Adams County Water Association.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 880 ft, cased to 8.40 ft.

DATUM.--Land-surface datum is about 223 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 162.00 ft below land-surface datum, June 5, 1975; lowest measured, 171.97 ft below land-surface datum, Apr. 9, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	168.05	APR 23	166.56

ALCORN COUNTY

345545088311002. Local number, G003.

LOCATION.--Lat 34°55'45", long 88°31'10", Hydrologic Unit 08010207, NW¼NW¼ sec.12, T.2 S., R.7 E., 0.5 mi south of center of Corinth.

Owner: City of Corinth.

AQUIFER.--Coffee Sand of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 245 ft.

DATUM.--Land-surface datum is about 432 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent on railroad side of pump base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1961, September 1963, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.60 ft below land-surface datum, Sept. 27, 1961; lowest measured, 12.00 ft below land-surface datum, Oct. 8, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
FEB 23	10.82

345604088321902. Local number, G101.

LOCATION.--Lat 34°56'04", long 88°32'19", Hydrologic Unit 08010207, SW¼SW¼ sec.2, T.2 S., R.7 E., 2 mi west of center of Corinth, 0.2 mi north of Ramada Inn.

Owner: City of Corinth.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 520 ft, cased to 460 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in well head, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--February 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 153.00 ft below land-surface datum, Mar. 14, 1974; lowest measured, 199.00 ft below land-surface datum, Feb. 11, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
FEB 23	154.63

GROUND-WATER LEVELS

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ALCORN COUNTY--Continued

344642088340501. Local number, K011.

LOCATION.--Lat 34°46'42", long 88°34'05", Hydrologic Unit 08010207, NW¼NE¼ sec.33, T.3 S., R.7 E., 3 mi northwest of center of Rienzi, 0.5 mi west of U.S. Highway 45.

Owner: C. B. Curlee.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth reported 574 ft, cased to 478 ft.

DATUM.--Land-surface datum is about 460 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--September 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.00 ft below land-surface datum, Dec. 17, 1961; lowest measured, 131.33 ft below land-surface datum, Mar. 31, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	127.13	FEB 23	127.00

344642088333001. Local number, K053.

LOCATION.--Lat 34°46'42", long 88°33'30", Hydrologic Unit 08010207, SW¼NW¼ sec.34, T.3 S., R.7 W., 2.5 mi northwest of center of Rienzi on U.S. Highway 45 at roadside park.

Owner: Mississippi State Highway Department.

AQUIFER.--Coffee Sand of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 210 ft, cased to 190 ft.

DATUM.--Land-surface datum is about 450 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--July 1973, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.37 ft below land-surface datum, July 19, 1973; lowest measured, 47.38 ft below land-surface datum, Oct. 9, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
FEB 23	45.37

ATTALA COUNTY

330713089365302. Local number, G013.

LOCATION.--Lat 33°07'13", long 89°36'53", Hydrologic Unit 08060201, NW¼NE¼ sec.31, T.15 N., R.7 E., 4.5 mi northwest of center of Kosciusko on State Highway 35.

Owner: Fred Turnipseed.

AQUIFER.--Winona Sand of middle Eocene age.

WELL CHARACTERISTICS.--Dug unused artesian well, diameter 30 in, depth 22 ft.

DATUM.--Land-surface datum is about 361 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in concrete cap, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1963, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.23 ft below land-surface datum, Apr. 13, 1983; lowest measured, 15.22 ft below land-surface datum, Jan. 11, 1963.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 2	10.88

330110089455001. Local number, K022.

LOCATION.--Lat 33°01'10", long 89°45'50", Hydrologic Unit 08060201, SW¼SW¼ sec.35, T.14 N., R.5 E., at center of Sallis.

Owner: Town of Sallis.

AQUIFER.--Sand of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth reported 356 ft, cased to about 300 ft.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in pipe (since May 22, 1957), 1.30 ft above land-surface datum.

PERIOD OF RECORD.--1913, June 1957 to April 1963, May 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30 ft above land-surface datum, 1913; lowest measured, 1.00 ft above land-surface datum, Dec. 20, 1979.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 9	1.55

GROUND-WATER LEVELS
ATTALA COUNTY--Continued

330328089365901. Local number, M008.

LOCATION.--Lat 33°03'28", long 89°36'59", Hydrologic Unit 03180001, NE¼ sec.20, T.14 N., R.7 E., 0.2 mi northwest of center of Kosciusko on Adams Street.

Owner: Barnett Moving Company.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 456 ft.

DATUM.--Land-surface datum is about 423 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in pump base, 1.70 ft above land-surface datum.

PERIOD OF RECORD.--March 1962, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 107.10 ft below land-surface datum, Mar. 13, 1962; lowest measured, 128.15 ft below land-surface datum, Apr. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 2	121.14
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330330089354501. Local number, M030. (replaced M029).

LOCATION.--Lat 33°03'30", long 89°35'45", Hydrologic Unit 03180001, SW¼NW¼ sec.21, T.14 N., R.7 E., 0.1 mi west of center of Kosciusko at corner of Wells and Jefferson Streets.

Owner: City of Kosciusko.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 416 ft.

DATUM.--Land-surface datum is about 467 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in pump base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--December 1950, March 1962, April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 96.0 ft below land-surface datum, Dec. 1, 1950; lowest measured, 148.43 ft below land-surface datum, Apr. 2, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 2	148.43
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330241089270501. Local number, N013.

LOCATION.--Lat 33°02'41", long 89°27'05", Hydrologic Unit 03180001, SE¼NW¼ sec.26, T.14 N., R.8 E., 8 mi east of center of Kosciusko on north side of State Highway 14.

Owner: Houston Veasey.

AQUIFER.--Neshoba Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Dug unused artesian well, diameter 30 in, depth 30 ft.

DATUM.--Land-surface datum is about 510 ft above National Geodetic Vertical Datum of 1929. Measuring point: Inside lip of curb, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--March 1958 to March 1959, June 1962, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.86 ft below land-surface datum, Mar. 12, 1959; lowest measured, 23.77 ft below land-surface datum, Apr. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 2	22.83
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325844089462701. Local number, Q014.

LOCATION.--Lat 32°58'44", long 89°46'27", Hydrologic Unit 08060201, NE¼SW¼ sec.15, T.13 N., R.5 E., 3.1 mi south of center of Sallis on west side of State Highway 429.

Owner: Tom Aldy.

AQUIFER.--Sand of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 2 in, depth 409 ft.

DATUM.--Land-surface datum is about 290 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in casing, 1.80 ft above land-surface datum.

PERIOD OF RECORD.--June 1957 to July 1959, June 1962, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.37 ft below land-surface datum, Mar. 13, 1958; lowest measured, 4.96 ft below land-surface datum, Apr. 11, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 2	4.45
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GROUND-WATER LEVELS

241

ATTALA COUNTY--Continued

325902089333901. Local number, S021.

LOCATION.--Lat 32°59'02", long 89°33'39", Hydrologic Unit 03180001, SE¼NE¼ sec.15, T.13 N., R.7 E., 5 mi south of center of Kosciusko on east side of State Highway 35.

Owner: United Gas Co.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 360 ft, cased to 340 ft.

DATUM.--Land-surface datum is about 488 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8-in casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--October 1961, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 157 ft below land-surface datum, October 1961; lowest measured, 171.15 ft below land-surface datum, Apr. 2, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 2	171.15

BOLIVAR COUNTY

335630090461501. Local number, D031.

LOCATION.--Lat 33°56'30", long 90°46'15", Hydrologic Unit 08030207, SW¼NE¼ sec.12, T.24 N., R.6 W., 0.1 mi west of center of Shelby at old waterworks.

Owner: Town of Shelby.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,575 ft.

DATUM.--Land-surface datum is about 147 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent hole in pump base, 1.30 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.40 ft above land-surface datum, May 11, 1977; lowest measured, 31.30 ft below land-surface datum, Mar. 25, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 to SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	29.43

335558090465202. Local number, D032.

LOCATION.--Lat 33°55'58", long 90°46'52", Hydrologic Unit 08030207, SE¼NE¼ sec.14, T.24 N., R.6 W., 1.5 mi southwest of center of Shelby on State Highway 32 at park.

Owner: Town of Shelby.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth reported 409 ft.

DATUM.--Land-surface datum is about 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in casing plug, 0.30 ft above land-surface datum.

PERIOD OF RECORD.--September 1949, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.72 ft below land-surface datum, Oct. 15, 1983; lowest measured, 49.70 ft below land-surface datum, Apr. 13, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	33.53

334957090564301. Local number, F020.

LOCATION.--Lat 33°49'57", long 90°56'43", Hydrologic Unit 08030207, NE¼NW¼ sec.20, T.23 N., R.7 W., 5 mi southeast of center of Rosedale on south side of State Highway 8.

Owner: R. C. Malone.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled irrigation water-table well, diameter 16 in, depth 120 ft, screened 80-120 ft, cased to 80 ft.

DATUM.--Land-surface datum is about 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.15 ft above land-surface datum.

REMARKS.--Water levels affected by seasonal irrigation pumping.

PERIOD OF RECORD.--November 1953 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.99 ft below land-surface datum, Apr. 7, 1959; lowest measured, 57.32 ft below land-surface datum, Sept. 7, 1955.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	27.86

GROUND-WATER LEVELS

BOLIVAR COUNTY--Continued

334700090584501. Local number, J008.

LOCATION.--Lat 33°47'00", long 90°58'45", Hydrologic Unit 08030207, SW¼NE¼ sec.27, T.22 N., R.8 W., near center of Beulah.

Owner: Town of Beulah.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 8 in, depth 754 ft.

DATUM.--Land-surface datum is about 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in pump base, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--October 1968, March 1971, April 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27 ft below land-surface datum, Oct. 1, 1968; lowest measured, 38.50 ft below land-surface datum, Sept. 26, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	36.89

334106090590902. Local number, N002.

LOCATION.--Lat 33°41'06", long 90°59'09", Hydrologic Unit 08030207, SE¼NW¼ sec.34, T.21 N., R.8 W., 2.5 mi northeast of center of Benoit on east side of State Highway 1.

Owner: Welshans and Litton.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 14 in, depth 96 ft.

DATUM.--Land-surface datum is about 135 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

REMARKS.--Water levels affected by seasonal irrigation pumping.

PERIOD OF RECORD.--November 1953 to October 1963, January 1965 to October 1966, April 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.53 ft below land-surface datum, May 13, 1958; lowest measured, 27.22 ft below land-surface datum, Sept. 16, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	22.79	MAR 24	20.48

333959090435001. Local number, Q150.

LOCATION.--Lat 33°39'59", long 90°43'50", Hydrologic Unit 08030207, NE¼SE¼ sec.17, T.21 N., R.5 W., at O'Reilly at gin.

Owner: Jones Bayou Gin Association.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 3-2 in, depth 1,310 ft, cased to 1,310 ft.

DATUM.--Land-surface datum is 133.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in pipe, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--May 1939 to October 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.10 ft above land-surface datum, May 30, 1939; lowest measured, 18.29 ft below land-surface datum, Mar. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	18.29

333530090582401. Local number, R064.

LOCATION.--Lat 33°35'30", long 90°58'24", Hydrologic Unit 08030209, SE¼SE¼ sec.12, T.20 N., R.8 W., at Stringtown.

Owner: H and H Planting Co.

AQUIFER.--Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 520 ft.

DATUM.--Land-surface datum is about 133 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in pump base, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--May 1939, November 1960, October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.8 ft below land-surface datum, May 5, 1939; lowest measured, 41.00 ft below land-surface datum, Mar. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	41.00

GROUND-WATER LEVELS

243

CALHOUN COUNTY

335118089175901. Local number, K101.

LOCATION.--Lat 33°51'18", Long 89°17'59", Hydrologic Unit 08030205, NE¼SW¼ sec.13, T.23 N., R.9 E., 0.3 mi northeast of center of Calhoun City at Adams Street and Taylor Street.

Owner: Town of Calhoun City.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 1,897 ft, cased to 1,857 ft.

DATUM.--Land-surface datum is about 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in north side of pump base, 1.30 ft above land-surface datum.

REMARKS.--Water levels affected by pumping.

PERIOD OF RECORD.--February 1955 to April 1967, June 1969, June 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.75 ft below land-surface datum, Mar. 14, 1957; lowest measured, 94.60 ft below land-surface datum, Apr. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 13	94.60

CARROLL COUNTY

333116089550401. Local number, F001.

LOCATION.--Lat 33°31'16", Long 89°55'04", Hydrologic Unit 08030205, SE¼SW¼ sec.7, T.19 N., R.4 E., near center of North Carrollton at old water plant.

Owner: Town of North Carrollton.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 1,274 ft.

DATUM.--Land-surface datum is about 230 ft above National Geodetic Vertical Datum of 1929. Measuring point: Faucet below pump base, 0.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.00 ft above land-surface datum, Mar. 21, 1979; lowest measured, 5.56 ft above land-surface datum, Apr. 11, 1983.

NOTE: No measurement made in 1987.

333057089552002. Local number, F019.

LOCATION.--Lat 33°30'57", Long 89°55'20", Hydrologic Unit 08030205, SE¼SW¼ sec.7, T.19 N., R.4 E., near center of North Carrollton at old water plant.

Owner: Town of North Carrollton.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 440 ft.

DATUM.--Land-surface datum is about 225 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in side of pump base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--May 1961, May 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.00 ft below land-surface datum, May 1, 1961; lowest measured, 13.04 ft below land-surface datum, Oct. 10, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 1	11.93

CHICKASAW COUNTY

340030088444801. Local number, D006.

LOCATION.--Lat 34°00'30", Long 88°44'48", Hydrologic Unit 03160101, NW¼SE¼ sec.26, T.12 S., R.5 E., at Okolona at old water plant.

Owner: Town of Okolona.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, 10 in, depth reported 400 ft.

DATUM.--Land-surface datum is about 307 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete well base, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--1917, October 1956, December 1958, October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87 ft below land-surface datum, 1917; lowest measured, 183.59 ft below land-surface datum, Aug. 14, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 13	153.35	AUG 14	183.59

GROUND-WATER LEVELS

CHICKASAW COUNTY--Continued

335400088595001. Local number, F016.

LOCATION.--Lat 33°54'00", long 88°59'50", Hydrologic Unit 03160104, SW¼SW¼ sec.33, T.13 S., R.3 E., near center of Houston at old water plant.

Owner: Town of Houston.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 1,076 ft.

DATUM.--Land-surface datum is about 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in pump base, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--1931, July 1940, November 1970, 1971, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 80 ft below land-surface datum, 1940; lowest measured 181.55 ft below land-surface datum, May 15, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 13	149.57	AUG 14	151.27

335400088594601. Local number, F018.

LOCATION.--Lat 33°54'00", long 88°59'46", Hydrologic Unit 03160104, SW¼SW¼, sec.33, T.13 S., R.3 E., near center of Houston at old water plant.

Owner: Town of Houston.

AQUIFER.--Sand of Ripley Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 130 ft.

DATUM.--Land-surface datum is about 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Plug in pump base, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--1970, May 1972, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.82 ft below land-surface datum, Apr. 13, 1987; lowest measured, 64 ft below land-surface datum May 24, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 13	57.82	AUG 14	59.30

335136089005301. Local number, K037.

LOCATION.--Lat 33°51'36", long 89°00'53", Hydrologic Unit 03180001, SW¼SW¼ sec.17, T.14 S., R.3 E., 2.5 mi south of center of Houston on west side of State Highway 15.

Owner: J. D. McAlpin.

AQUIFER.--Sand of Ripley Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth reported 130 ft, cased to 80 ft.

DATUM.--Land-surface datum is about 320 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--October 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.40 ft below land-surface datum, Mar. 20, 1962; lowest measured, 67.10 ft below land-surface datum, Oct. 28, 1971.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 13	61.52

CHOCTAW COUNTY

331543089171801. Local number, J035.

LOCATION.--Lat 33°15'43", long 89°17'18", Hydrologic Unit 03180001, NW¼SE¼ sec.8, T.16 N., R.10 E., 0.3 mi south of center of Weir near Baptist Church.

Owner: Inez Power.

AQUIFER.--Sand of upper part of Wilcox Group of early Eocene age.

WELL CHARACTERISTICS.--Dug unused artesian well, diameter 30 in, depth 28 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 30-in concrete curb, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.86 ft below land-surface datum, May 7, 1980; lowest measured, 23.44 ft below land-surface datum, Aug. 21, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 13	19.85	MAY 18	20.20	AUG 21	23.44

GROUND-WATER LEVELS

245

CLAIBORNE COUNTY

315718090591501. Local number, L005.

LOCATION.--Lat 31°57'18", long 90°59'15", Hydrologic Unit 08060203, Irregular Lot 4, T.11 N., R.2 E., 0.2 mi south of center of Port Gibson at Oak Street and Main Street.

Owner: Town of Port Gibson.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth reported 250 ft.

DATUM.--Land-surface datum is about 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 2.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--April 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.87 ft below land-surface datum, Apr. 22, 1963; lowest measured, 125.52 ft below land-surface datum, June 6, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	115.54	APR 23	117.40

COAHOMA COUNTY

342400090322001. Local number, C111.

LOCATION.--Lat 34°24'00", long 90°32'20", Hydrologic Unit 08030204, NW¼SW¼ sec.7, T.29 N., R.2 W., 1 mi south of center of Rich at Rose Acres Plantation headquarters.

Owner: Norfleet and Wilsford.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3-2 in, depth 1,837 ft, screened 1,796-1,837 ft.

DATUM.--Land-surface datum is 180.88 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in tee, 1.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.8 ft above land-surface datum, July 26, 1940; lowest measured, 11.50 ft below land-surface datum, Mar. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	11.50

341720090304301. Local number, F012.

LOCATION.--Lat 34°17'19", long 90°30'43", Hydrologic Unit 08030207, NE¼NW¼ sec.21, T.28 N., R.3 W., 8 mi northeast of center of Clarksdale at airport on U.S. Highway 61.

Owner: City of Clarksdale.

AQUIFER.--Sand of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth reported 900 ft.

DATUM.--Land-surface datum is about 168 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in east side of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.82 ft below land-surface datum, Apr. 14, 1971; lowest measured, 14.68 ft below land-surface datum, Mar. 25, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	14.43

341230090323101. Local number, K022.

LOCATION.--Lat 34°12'30", long 90°32'31", Hydrologic Unit 08030207, SW¼NE¼ sec.18, T.27 N., R.3 W., near center of Lyon.

Owner: Town of Lyon.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 1,242 ft.

DATUM.--Land-surface datum is about 170 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.50 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--October 1961, August 1973, July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30 ft above land-surface datum, Oct. 30, 1961; lowest measured, 26.58 ft below land-surface datum, Mar. 26, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	26.13

GROUND-WATER LEVELS

COPIAH COUNTY

315128090205202. Local number, PU49.

LOCATION.--Lat 31°51'28", long 90°20'52", Hydrologic Unit 031800003, NE¼NE¼ sec.12, T.10 N., R.8 E., 3 mi east of center of Hazlehurst at Shady Grove Community.

Owner: Town of Hazlehurst.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 295 ft, cased to 225 ft.

DATUM.--Land-surface datum is about 435 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.60 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--1967, August 1971, April 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 110 ft below land-surface datum, 1967; lowest measured, 143.60 ft below land-surface datum, Apr. 1, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 22	134.80

COVINGTON COUNTY

314447089302201. Local number, C028.

LOCATION.--Lat 31°44'47", long 89°30'22", Hydrologic Unit 031700004, NW¼SW¼ sec.15, T.9 N., R.15 W., 10 mi southeast of Mt. Olive on State Highway 532.

Owner: Mississippi Forestry Commission.

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 250 ft.

DATUM.--Land-surface datum is about 400 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete slab, 0.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 119.83 ft below land-surface datum, Mar. 31, 1981; lowest measured, 123.95 ft below land-surface datum, Apr. 13, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 10	123.61

313352089243202. Local number, L019.

LOCATION.--Lat 31°33'52", long 89°24'32", Hydrologic Unit 031700004, NE¼NW¼ sec.21, T.7 N., R.14 W., 6 mi east of Seminary on Hwy 590.

Owner: Southwest Jones Water Association.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 900 ft.

DATUM.--Land-surface datum is about 435 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in casing, 1.00 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--December 1972, April 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 205 ft below land-surface datum, December 31, 1972; lowest measured, 341.45 ft below land-surface datum, Apr. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	312.74	APR 10	341.45

DE SOTO COUNTY

345726089492901. Local number, D002.

LOCATION.--Lat 34°57'26" long 89°49'29", Hydrologic Unit 08030204, SE¼NW¼ sec.34, T.1 S., R.6 W., 0.35 mi east of center of Olive Branch.

Owner: Town of Olive Branch.

AQUIFER.--Sparta Sand of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 10 in, depth 266 ft.

DATUM.--Land-surface datum is about 400 ft above National Geodetic Vertical Datum of 1929. Measuring point: Breather hole in pump base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--1956, January 1973, April 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 133.40 ft below land-surface datum, 1956; lowest measured, 154.89 ft below land-surface datum, Apr. 27, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 25	142.37

GROUND-WATER LEVELS

247

FORREST COUNTY

311834089170101. Local number, D008.

LOCATION.--Lat 31°18'34", long 89°17'01", Hydrologic Unit 03170005, SE¼NE¼ sec.15, T.4 N., R.13 W., 2 mi southeast of center of Hattiesburg at Williams Street and Alcorn Street.

Owner: City of Hattiesburg.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 710 ft, screened 610-710 ft.

DATUM.--Land-surface datum is about 140 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.75 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--December 1964, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.07 ft below land-surface datum, Dec. 21, 1964; lowest measured, 97.88 ft below land-surface datum, May 14, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	74.14	APR 7	73.56	JUL 2	74.49

311958089195001. Local number, D108.

LOCATION.--Lat 31°19'58", long 89°07'31", Hydrologic Unit 03170005, SE¼SE¼ sec.6, T.4 N., R.13 W., 0.6 mi west of intersection of U. S. Highway 49 on 4th Street.

Owner: City of Hattiesburg.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 640 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in casing, at land-surface datum.

REMARKS.--Water level affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.00 ft below land-surface datum, Apr. 7, 1987; lowest measured, 86.19 ft below land-surface datum, Oct. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	86.19	APR 7	82.00	JUN 22	84.04

311137089110501. Local number, G116.

LOCATION.--Lat 31°11'37", long 89°11'05", Hydrologic Unit 03170007, SW¼NE¼ sec.27, T.3 N., R.12 W., 3 mi east of south gage of Camp Shelby at Jackson Avenue and 39th Street.

Owner: U.S. Government-Mississippi National Guard. Camp Shelby.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4-3 in, depth 416 ft, screened 382-416 ft.

DATUM.--Land-surface datum is about 258.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in casing flange, 2.00 ft above land-surface datum.

REMARKS.--Occasional pumping nearby.

PERIOD OF RECORD.--1943-45, February 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 122.08 ft below land-surface datum, Apr. 2, 1954; lowest measured, 148.12 ft below land-surface datum, Oct. 23, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	145.00	APR 7	145.65

310135089093101. Local number, L079.

LOCATION.--Lat 31°01'35", long 89°09'31", Hydrologic Unit 03170007, NW¼NW¼ sec.25, T.1 N., R.12 W., 3 mi Southeast of center of Brooklyn at Ashe Nursery.

Owner: U.S. Forest Service.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled irrigation artesian well, diameter 6 in, depth 720 ft.

DATUM.--Land-surface datum is about 275 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6-in, well seal, 1.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 169.80 ft below land-surface datum, Mar. 1, 1970, lowest measured, 182.80 ft below land-surface datum, Apr. 21, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	180.38	APR 9	179.15

GROUND-WATER LEVELS

FRANKLIN COUNTY

313026091035101. Local number, F001.

LOCATION.--Lat 31°30'26", long 91°03'51", Hydrologic Unit 08060205, NW¼NE¼ sec.19, T.6 N., R.1 E., 0.1 mi northeast of center of Roxie at 3rd Street and East Boulevard.

Owner: Town of Roxie.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 250 ft, cased to 230 ft.

DATUM.--Land-surface datum is about 230 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in east side of pump base, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--May 1960 to April 1972, May 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.80 ft below land-surface datum, Apr. 9, 1985; lowest measured, 28.78 ft below land-surface datum, May 9, 1968.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 22	20.42

GREENE COUNTY

311435088312201 (Formerly 313530088310501). Local number, M002.

LOCATION.--Lat 31°35'30", long 88°31'05", Hydrologic Unit 03170003, NE¼NW¼ sec.7, T.3 N., R.5 W., 8 mi northeast of center of Leakesville.

Owner: H. F. Garreston, Jr.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 703 ft.

DATUM.--Land-surface datum is about 107 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of discharge pipe, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.0 ft above land-surface datum, Jan. 22, 1970; Apr. 24, 1974; lowest measured, 12.71 ft above land-surface datum, Apr. 22, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 7	12.71

310856088325401. Local number, P039.

LOCATION.--Lat 31°08'56", long 88°32'54", Hydrologic Unit 03170003, NW¼SW¼ sec.12, T.2 N., R.6 W., at Leakesville Landing at Chickasawhay River. Bridge downstream side north end of bridge.

Owner: Pat Harrison Waterway District.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled recreation well, diameter 2 in, depth 341 ft.

DATUM.--Land-surface datum is about 80 ft above National Geodetic Vertical Datum of 1929. Measuring point: End of 2-in pipe, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--December 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.0 ft above land-surface datum, Dec. 16, 1981; lowest measured, 11.40 ft above land-surface datum, Apr. 22, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 7	12.71

GRENADA COUNTY

335032089473101. Local number, B102.

LOCATION.--Lat 33°50'32", long 89°47'31", Hydrologic Unit 08030205, SE¼SE¼ sec.20, T.23 N., R.5 E., 4 mi north of center of Grenada at Grenada Airport.

Owner: City of Grenada.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 195 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Breather hole in pump base, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.72 ft below land-surface datum, Mar. 29, 1984; lowest measured, 7.48 ft below land-surface datum, Mar. 27, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 26	2.20

GRENADA COUNTY--Continued

334556089583501. Local number, F112.

LOCATION.--Lat 33°45'56", long 89°58'45", Hydrologic Unit 08030205, SE¼SE¼ sec.16, T.22 N., R.3 E., 0.2 mi north-west of center of Holcomb at school.

Owner: Holcomb School.

AQUIFER.--Sand of Wilcox Group of late Paleocene.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 983 ft, screened 943-983 ft.

DATUM.--Land-surface datum is 183.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in tee, 1.40 ft above land-surface datum, or top of discharge pipe, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--January 1939 to June 1969, May 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.4 ft above land-surface datum, July 31, 1941; lowest measured, 6.0 ft above land-surface datum, Apr. 28, 1977.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 26	7.40
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334128089441701. Local number, H111.

LOCATION.--Lat 33°41'28", long 89°44'17", Hydrologic Unit 08030205, SE¼SE¼ sec.11, T.21 N., R.5 E., 1 mi east of center of Elliot on west bank of Batupan Bogue.

Owner: E. T. Hill.

AQUIFER.--Sand of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 502 ft, screened 421-502 ft.

DATUM.--Land-surface datum is 208.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base (since Feb. 11, 1976), 4.00 ft above land-surface datum.

PERIOD OF RECORD.--1943, February 1954 to October 1963, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.50 ft above land-surface datum, Jan. 2, 1943; lowest measured, 5.00 ft below land-surface datum, Mar. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 26	5.00
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334147089433801. Local number, H113.

LOCATION.--Lat 33°41'47", long 89°43'38", Hydrologic Unit 08030205, NE¼SW¼ sec.12, T.21 N., R.5 E., 1.5 mi east of center of Elliot.

Owner: J. W. Willis, Sr.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12-10 in, depth 211 ft, screened 161-211 ft.

DATUM.--Land-surface datum is 216.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent hole in pump base, 3.40 ft above land-surface datum.

PERIOD OF RECORD.--1954 to October 1963, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.85 ft below land-surface datum, Mar. 26, 1987; lowest measured, 15.74 ft below land-surface datum, Nov. 6, 1957.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 26	1.85
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334148089425701. Local number, J002.

LOCATION.--Lat 33°41'48", long 89°42'57", Hydrologic Unit 08030205, NW¼SW¼ sec.7, T.21 N., R.6 E., 2.5 mi east of center of Elliot.

Owner: J. W. Willis, Jr.

AQUIFER.--Sand of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 12 in, depth 429 ft, cased to 390 ft.

DATUM.--Land-surface datum is 227.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base (since Feb. 11, 1976), 1.50 ft above land-surface datum.

PERIOD OF RECORD.--September 1942, October 1956 to October 1963, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.10 ft above land-surface datum, Sept. 19, 1942; lowest measured, 17.72 ft below land-surface datum, Apr. 15, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 26	17.54
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GROUND-WATER LEVELS

HANCOCK COUNTY

302158089372901. Local number, H003.

LOCATION.--Lat 30°21'58", long 89°37'29", Hydrologic Unit 03180004, SW¼NW¼ sec.8, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,524 ft, cased to 1,464 ft.

DATUM.--Land-surface datum is about 28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of well head 4.20 ft above land-surface datum.

PERIOD OF RECORD.--January 1963, October 1965 to January 1968, April 1970, April 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87 ft above land-surface datum, January 1963; lowest measured, 46.01 ft above land-surface datum, Apr. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	47.10	APR 9	46.01

302140089345901. Local number, H004.

LOCATION.--Lat 30°21'40", long 89°34'59", Hydrologic Unit 03180004, NE¼SE¼ sec.10, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 18 in, depth 1,873 ft, cased to 1,803 ft.

DATUM.--Land-surface datum is about 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of faucet 1.90 ft above land-surface datum.

PERIOD OF RECORD.--1963, August 1965 to January 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 104 ft above land-surface datum, 1963; lowest measured, 53.6 ft above land-surface datum, Oct. 16, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	53.6	APR 9	69.3

302227089373001. Local number, H005.

LOCATION.--Lat 30°22'27", long 89°37'30", Hydrologic Unit 03180004, NE¼SW¼ sec.5, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,481 ft, cased to 1,420 ft.

DATUM.--Land-surface datum is about 29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of well head, 6.20 ft above land-surface datum.

PERIOD OF RECORD.--May 1964 to March 1968, Apr. 1, 1970, April 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.3 ft above land-surface datum June 3, 1966; lowest measured, 45.27 ft above land-surface datum Apr. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	46.34	APR 9	45.27

302140089351401. Local number, H006.

LOCATION.--Lat 30°21'40", long 89°35'14", Hydrologic Unit 03180004, NE¼SW¼ sec.10, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 18 in, depth 1,695 ft, cased to 1,585 ft.

DATUM.--Land-surface datum is about 23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--October 1965 to February 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 94.9 ft above land-surface datum, Nov. 11, 1965; lowest measured, 49.0 ft above land-surface datum, Oct. 16, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	58.35	APR 9	54.64

HANCOCK COUNTY--Continued

302206089350601. Local number, H007.

LOCATION.--Lat 30°22'06", long 89°35'06", Hydrologic Unit 03180004, NW¼NE¼ sec.10, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,434 ft, cased to 1,371 ft.

DATUM.--Land-surface datum is about 25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Bottom of recorder, 0.4 ft below land-surface datum.

PERIOD OF RECORD.--1964, 1967, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.6 ft above land-surface datum, Mar. 1, 1967; lowest measured, 52.8 ft above land-surface datum, Apr. 23, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	54.01	APR 9	52.84

302126089351401. Local number, H008.

LOCATION.--Lat 30°21'26", long 89°35'14", Hydrologic Unit 03180004, SW¼SE¼ sec.10, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Graham Ferry Formation of Pliocene Age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 24 in, depth 672 ft, cased to 460 ft.

DATUM.--Land-surface datum is about 19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--April 1965 to January 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.9 ft above land-surface datum, Apr. 19, 1965; lowest measured, 0.11 ft above land-surface datum, Oct. 16, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	0.11	APR 9	2.84

302118089351501. Local number, H011.

LOCATION.--Lat 30°21'18", long 89°35'15", Hydrologic Unit 03180004, NW¼NE¼ sec.15, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 676 ft, cased to 646 ft.

DATUM.--Land-surface datum is 21.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in gate valve, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--July 1967 to April 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.5 ft above land-surface datum, Apr. 20, 1972; lowest measured, 6.95 ft above land-surface datum, Apr. 17, 1985.

NOTE: No measurement made in 1987.

302118089351502. Local number, H012.

LOCATION.--Lat 30°21'18", long 89°35'15", Hydrologic Unit 03180004, NW¼NE¼ sec.15, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 599 ft, cased to 569 ft.

DATUM.--Land-surface datum is 20.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in gate valve, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--July 1967 to April 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.5 ft above land-surface datum, Apr. 20, 1972; lowest measured, 4.87 ft above land-surface datum, Apr. 17, 1985.

NOTE: No measurement made in 1987.

302118089351503. Local number, H013.

LOCATION.--Lat 30°21'18", long 89°35'15", Hydrologic Unit 03180004, NW¼NE¼ sec.15, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA).

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 491 ft, cased to 461 ft.

DATUM.--Land-surface datum is 21.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4 in gate valve, 2.60 ft above land-surface datum.

PERIOD OF RECORD.--July 1967 to April 1968, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.5 ft above land-surface datum, Apr. 20, 1972, lowest measured, 1.0 ft above land-surface datum, Apr. 11, 1968.

NOTE: No measurement made in 1987.

GROUND-WATER LEVELS

HANCOCK COUNTY--Continued

302118089351504. Local number, H014.

LOCATION.--Lat 30°21'18", long 89°35'15", Hydrologic Unit 03180004, NE¼ sec.15, T.8 S., R.16 W., 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Mississippi Test Facility (NASA)

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 144 ft, cased to 84 ft.

DATUM.--Land-surface datum is about 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--1968, January 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.6 ft below land-surface datum, May 1, 1974; lowest measured, 8.3 ft below land-surface datum, June 3, 1968.

NOTE: No measurement made in 1987.

301858089202301 Local number, K001.

LOCATION.--Lat 30°18'58", long 89°20'23", Hydrologic Unit 03170009, NW¼SW¼ sec.3, T.8 S., R.13 W., 0.5 mi south of center of Bay St. Louis at St. Charles Street and Hancock Street.

Owner: City of Bay St. Louis.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 1,300 ft, cased to 1,280 ft.

DATUM.--Land-surface datum is about 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plate on well head, 1.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.1 ft above land-surface datum, Nov. 1, 1960; lowest measured, 5.93 ft below land-surface datum, Nov. 12, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 9	6.44

301900089201801. Local number, K004.

LOCATION.--Lat 30°19'00", long 89°20'18", Hydrologic Unit 03170009, SW¼ sec.30, T.8 S., R.13 W., 0.2 mi north of Beach Boulevard on St. Charles Street.

Owner: City of Bay St. Louis.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 8 in, depth 1,210 ft, cased to 1,150 ft.

DATUM.--Land-surface datum is about 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, at land-surface datum.

REMARKS.--Water levels affected by length of time pump off before measurement made.

PERIOD OF RECORD.--August 1975, April 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17 ft above land-surface datum, August 1975; lowest measured, 0.09 ft above land-surface datum, Apr. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 9	0.09

HARRISON COUNTY

303110089070201. Local number, G121.

LOCATION.--Lat 30°31'10", long 87°07'02", Hydrologic Unit 03170009, NE¼SW¼ sec.17, T.6 S., R.11 W., 2 mi northwest of center of Lyman at fish hatchery.

Owner: Mississippi Game and Fish Commission.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 456 ft, screened 416-456 ft.

DATUM.--Land-surface datum is about 70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--1939, July 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.0 ft below land-surface datum, Apr. 14, 1939; lowest measured, 66.96 ft below land-surface datum, Oct. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	66.96	APR 9	63.27

GROUND-WATER LEVELS

253

HARRISON COUNTY--Continued

302240089025401. Local number, L141. (Replaces L144).

LOCATION.--Lat 30°22'40", long 89°02'54", Hydrologic Unit 03170009, SW¼NW¼ sec.1, T.8 S., R.11 W., 2.5 mi east of center of Gulfport at V.A. Hospital on U.S. Highway 90.

Owner: U.S. Government (V.A. Hospital).

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth reported 898 ft, cased to 818 ft.

DATUM.--Land-surface datum is about 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Steel plate on top of tee, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--March 1939, June 1957 to December 1958, April 1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.3 ft above land-surface datum, Mar. 17, 1939; lowest measured, 49.31 ft below land-surface datum, Oct. 15, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	49.31	APR 8	44.05

302200089053301. Local number, L154.

LOCATION.--Lat 30°22'00", long 89°05'33", Hydrologic Unit 03170009, NW¼NE¼ sec.9, T.8 S., R.11 W., at center of Gulfport at post office at U.S. Highways 49 and 90.

Owner: U.S. Post Office Dept., Gulfport.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 1,262 ft, screened 1,232-1,262 ft.

DATUM.--Land-surface datum is 19.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in casing tee, 1.70 ft above land-surface datum.

PERIOD OF RECORD.--March 1939 to October 1950, January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.1 ft above land-surface datum, Jan. 31, 1940; lowest measured, 15.14 ft below land-surface datum, Mar. 29, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 8	14.36

302403089141801. Local number, L454.

LOCATION.--Lat 30°24'03", long 89°14'18", Hydrologic Unit 03170009, SW¼SW¼ sec.30, T.7 S., R.11 W., 1.2 mi north of U.S. Naval Reservation, Gulfport.

Owner: Carl McGill.

AQUIFER.--Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 3 in, depth 2,404 ft.

DATUM.--Land-surface datum is about 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 3.0 ft of above land surface datum.

PERIOD OF RECORD.--October 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 67.0 ft above land-surface datum, Dec. 10, 1985;

lowest measured, 53.1 ft above land-surface datum, Apr. 23, 1986 and Oct. 14, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	53.1	APR 8	55.4

302410089082201. Local number, L654.

LOCATION.--Lat 30°24'10", long 89°08'22", Hydrologic Unit 03170009, SW¼SE¼ sec.30, T.7 S., R.11 W., 1 mi west of center of Biloxi.

Owner: Dolan Trailer Park.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 4 in, depth 1,690 ft.

DATUM.--Land-surface datum is about 17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of well casing, at land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.8 ft above land-surface datum, Apr. 30, 1986; lowest measured, 43.99 ft above land-surface, Apr. 8, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	46.60	APR 8	43.99

HARRISON COUNTY--Continued

301856089145301. Local number, N003.

LOCATION.--Lat 30°18'56", long 89°14'53", Hydrologic Unit 03170009, SW¼NW¼ sec.30, T.8 S., R.13 W., 0.1 mi north-west of center of Pass Christian at 2nd and Clark Streets.

Owner: Town of Pass Christian.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 1,111 ft, cased to 1,051 ft.

DATUM.--Land-surface datum is about 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8-in tee, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--1948, 1968, August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39 ft above land-surface datum, 1948; lowest measured, 6.64 ft below land-surface datum, Oct. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	6.64	APR 8	2.30

HINDS COUNTY

322828090170501. Local number, C015.

LOCATION.--Lat 32°28'28", long 90°17'05", Hydrologic Unit 08060202, SW1SE4 sec.3, T.2 N., R.1 W., 0.2 mi northeast of center of Pocahontas at elevated water tank.

Owner: Town of Pocahontas.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth reported 786 ft.

DATUM.--Land-surface datum is about 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in plate on well head, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1959, September 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87.60 ft below land-surface datum, Sept. 15, 1959; lowest measured, 122.98 ft below land-surface datum, July 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 31	121.28

321949090361501. Local number. D001.

LOCATION.--Lat 32°19'49", long 90°36'15", Hydrologic Unit 08060202, SW¼SW¼ sec.27, T.6 N., R.4 W., 0.2 mi south of center of Edwards on State Highway 467.

Owner: Town of Edwards.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,154 ft.

DATUM.--Land-surface datum is about 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Breather hole in west side of pump base, at land-surface datum.

PERIOD OF RECORD.--1930, September 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 84 ft below land-surface datum, 1930; lowest measured, 135.55 ft below land-surface datum, Oct. 23, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 31	114.80

322112090195601. Local number, G059.

LOCATION.--Lat 32°21'12", long 90°19'56", Hydrologic Unit 08060202, NW¼ sec.19, T.6 N., R.1 W., at Clinton Industrial Park, off west Northside Drive.

Owner: Clinton Industrial Park.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 893 ft.

DATUM.--Land-surface datum is about 325 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent at pump base, 2.10 ft above land-surface datum.

PERIOD OF RECORD.--April 1960, September 1976, October 1980, July 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 192.0 ft below land-surface datum, Apr. 15, 1960; lowest measured, 239.45 ft below land-surface datum, Sept. 23, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	238.36	JAN 26	228.05	MAR 19	228.75	APR 20	228.87	AUG 26	233.57	SEP 23	235.48
DEC 29	237.88	FEB 20	229.92								

GROUND-WATER LEVELS

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HINDS COUNTY--Continued

322301090090001. Local number, H023.

LOCATION.--Lat 32°23'01", long 90°09'00", Hydrologic Unit 03180002, NW¼NE¼ sec.12, T.6 N., R.1 E., 6 mi north of center of Jackson at Briarwood Drive and U.S. Interstate 55.

Owner: Kenneth Muse.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 728 ft.

DATUM.--Land-surface datum is about 315 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

PERIOD OF RECORD.--October 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 161.96 ft below land-surface datum, Apr. 12, 1957; lowest measured, 237.07 ft below land-surface datum, Dec. 22, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	228.96	MAR 19	227.19	MAY 27	228.45	JUL 24	231.63	AUG 26	232.00	SEP 23	232.64
DEC 1	227.63	APR 20	227.59	JUN 17	229.60						

322021090114101. Local number, H043.

LOCATION.--Lat 32°20'21", long 90°11'41", Hydrologic Unit 03180002, NE¼NE¼ sec.23, T.6 N., R.1 E., 6 mi north of center of Jackson at Livingston Road and Stonewall Street.

Owner: Royster Company.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 850 ft.

DATUM.--Land-surface datum is 336.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1957 to May 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 186.69 ft below land-surface datum, Apr. 12, 1957; lowest measured, 264.44 ft below land-surface datum, Jan. 27, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	249.17	MAY 27	247.25

322241090073701. Local number, H160.

LOCATION.--Lat 32°22'41", long 90°07'37", Hydrologic Unit 03180002, SE¼NE¼ sec.7, T.6 N., R.2 E., 7 mi northeast of center of Jackson at Old Canton Road and Parkway Drive.

Owner: Colonial Country Club.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth reported 773 ft, cased to 634 ft.

DATUM.--Land-surface datum is about 305 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 136.73 ft below land-surface datum, Mar. 30, 1954; lowest measured, 217.30 ft below land-surface datum, Aug. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	214.83	DEC 29	216.40	FEB 20	211.50	APR 20	212.48	JUN 17	214.46	AUG 26	217.30
DEC 1	212.45	JAN 26	211.64	MAR 19	210.85	MAY 27	213.08	JUL 24	216.37	SEP 23	217.22

32223090132801. Local number, H163.

LOCATION.--Lat 32°22'23", long 90°13'28", Hydrologic Unit 03180002, SW¼SW¼ sec.8, T.6 N., R.1 E., 5.5 mi northwest of center of Jackson on Forest Avenue.

Owner: Tri State Brick Company.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 824 ft.

DATUM.--Land-surface datum is about 360 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1½-in plug at top of well head, 1.50 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--April 1972, June 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 272 ft below land-surface datum Apr. 1, 1974; lowest measured, 297.24 ft below land-surface datum Sept. 19, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	288.35	DEC 29	286.94	FEB 20	283.99	APR 20	281.85	JUN 17	284.48	AUG 26	292.53
DEC 1	287.98	JAN 26	276.35	MAR 19	280.49	MAY 27	280.04	JUL 24	290.85	SEP 23	289.99

GROUND-WATER LEVELS

HINDS COUNTY--Continued

322222090095201. Local number, H164.

LOCATION.--Lat 32°22'22", long 90°09'52", Hydrologic Unit 03180002, SW¼SE¼ sec.11, T.6 N., R.1 E., 7 mi north of center of Jackson on North State Street.

Owner: Homewood Manor Trailer Court.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 738 ft.

DATUM.--Land-surface datum is about 298 ft above National Geodetic Vertical Datum of 1929. Measuring point: Plug in west side of casing, 0.3 ft above land-surface datum.

PERIOD OF RECORD.--January 1975, June 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 195.65 ft below land-surface datum, June 10, 1977; lowest measured 217.20 ft below land-surface datum, Nov. 25, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	212.59	DEC 29	211.21	FEB 20	210.80	APR 20	209.04	JUN 17	212.01	AUG 26	211.98
DEC 1	211.56	JAN 26	210.89	MAR 19	209.64	MAY 27	212.84	JUL 24	211.15	SEP 23	211.65

321512090283301. Local number, K055.

LOCATION.--Lat 32°15'12", long 90°28'33", Hydrologic Unit 08060202, NW¼NE¼ sec.26, T.5 N., R.3 W., 2.2 mi west of Raymond.

Owner: J. Eastwood.

AQUIFER.--Sand of Mint Spring Marl of Vicksburg Group of Oligocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 195 ft.

DATUM.--Land-surface datum is about 242 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plastic well casing, 1.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 61.11 ft below land-surface datum, Apr. 30, 1980; lowest measured, 64.22 ft below land-surface datum, Oct. 30, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 31	63.52

321521090245101. Local number, L005.

LOCATION.--Lat 32°15'21", long 90°24'51", Hydrologic Unit 08060202, NE¼NW¼ sec.20, T.5 N., R.2 E., 0.1 mi northwest of center of Raymond on Court Street east of Oak Street.

Owner: Town of Raymond.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,185 ft.

DATUM.--Land-surface datum is about 328 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in pump base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1960, April 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 191.70 ft below land-surface datum, Mar. 18, 1971; lowest measured, 238.43 ft below land-surface datum, July 23, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 3	236.19

321815090100201. Local number, N025.

LOCATION.--Lat 32°18'15", long 90°10'02", Hydrologic Unit 03180002, NW¼SE¼ sec.2, T.5 N., R.1 E., 1 mi east of center of Jackson on High Street.

Owner: Red Roof Inn (Formerly Ridgeway).

AQUIFER.--Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth reported 1,500 ft.

DATUM.--Land-surface datum is about 275 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--July 1956, November 1979, April 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20 ft above land-surface datum, July 9, 1956; lowest measured, 0.53 ft above land-surface datum, Sept. 23, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 21	2.2	MAY 27	1.58	JUN 18	1.27	JUL 24	0.88	AUG 26	0.75	SEP 23	0.53

GROUND-WATER LEVELS

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HINDS COUNTY--Continued

321752090102601. Local number, N092.

LOCATION.--Lat 32°17'52", long 90°10'26", Hydrologic Unit 03180002, SW¼SW¼ sec.2, T.5 N., R.1 E., southeast corner of Mississippi State Fairgrounds off Jefferson Street.

Owner: Mississippi State Fairground Commission.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 260 ft.

DATUM.--Land-surface datum is about 271 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in casing, 1.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 99.01 ft below land-surface datum, June 6, 1986; lowest measured 100.70 ft below land-surface datum, Sept. 23, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	99.95	JAN 26	99.02	MAR 19	99.58	MAY 27	99.95	JUL 24	100.45	SEP 23	100.70
DEC 29	99.67	FEB 20	99.40	APR 20	99.99	JUN 18	100.06	AUG 26	100.60		

321300090142001. Local number, R023.

LOCATION.--Lat 32°13'00", long 90°14'20", Hydrologic Unit 03180002, SE¼NW¼ sec.6, T.4 N., R.1 E., 6 mi south of center of Jackson at Taylorsville on Elton Road near Terry Road.

Owner: Glen Bright

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 840 ft.

DATUM.--Land-surface datum is about 380 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--June 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 220.97 ft below land-surface datum, June 30, 1959; lowest measured, 272.99 ft below land-surface datum, Mar. 21, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 31	261.45

320554090173902 (Formerly 320430090543302). Local number, V033.

LOCATION.--Lat 32°04'30", long 90°54'33", Hydrologic Unit 03180002, NW¼SW¼ sec.15, T.3 N., R.1 W., near intersection of Jackson Street and Raymond Street in Terry.

Owner: Town of Terry.

AQUIFER.--Sand of Forest Hill Formation of Oligocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 10 in, depth 473 ft.

DATUM.--Land-surface datum is about 286 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 1.65 ft above land-surface datum.

REMARKS.--Standby well, pumped occasionally.

PERIOD OF RECORD.--September 1959, September 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 65 ft below land-surface datum, September 1959; lowest measured, 133.14 ft below land-surface datum, July 23, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 20	127.03

HOLMES COUNTY

330650090034501. Local number, L043.

LOCATION.--Lat 33°06'50", long 90°03'45", Hydrologic Unit 08030206, SW¼NE¼ sec.35, T.15 N., R.2 E., 0.3 mi west of center of Lexington on Boulevard Street at McLean Street.

Owner: Eric Norquist.

AQUIFER.--Sand of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth reported 1,000 ft.

DATUM.--Land-surface datum is about 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of tee at well head, at land-surface datum.

PERIOD OF RECORD.--October 1957, January 1959, April 1962, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.90 ft above land-surface datum, Jan. 12, 1959; lowest measured, 2.83 ft below land-surface datum, Apr. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 1	2.83

GROUND-WATER LEVELS

HOLMES COUNTY--Continued

330448090192201. Local number, P159.

LOCATION.--Lat 33°04'48", long 90°19'22", Hydrologic Unit 08030206, NE¼NW¼ sec.8, T.14 N., R.1 W., at Thornton.

Owner: M. L. Smith.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 3-2 in, depth, 1,597 ft, screened 1,557-1,597 ft.

DATUM.--Land-surface datum is 111.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of tee, at land-surface datum.

PERIOD OF RECORD.--February 1939 to April 1972, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 139.6 ft above land-surface datum, July 31, 1941; lowest measured, 53.0 ft above land-surface datum, Apr. 20, 1983.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 1	69.3
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330443089512503. Local number, T004.

LOCATION.--Lat 33°04'43", long 89°51'25", Hydrologic Unit 08060201, SE¼ sec.11, T.14 N., R.4 E., 0.3 mi northwest of center of Durant at Lamar Street and Ramsey Street.

Owner: Town of Durant.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 700 ft.

DATUM.--Land-surface datum is about 267 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/4-in hole in west side of well head, about 1.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1957, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6 ft above land-surface datum, January 1957; lowest measured, 28.48 ft below land-surface datum, Apr. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 1	28.48
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330420089510901. Local number, T014.

LOCATION.--Lat 33°04'20", long 89°51'09", Hydrologic Unit 08060201, SE¼NE¼ sec.14, T.14 N., R.4 E., 0.1 mi southeast of center of Durant at Cedar Street and Love Street.

Owner: Illinois Central Railroad.

AQUIFER.--Sand of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 608 ft, cased to 588 ft.

DATUM.--Land-surface datum is about 263 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2-in hole in top of casing, 0.60 ft above land-surface datum.

PERIOD OF RECORD.--October 1959, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.77 ft above land-surface datum, Oct. 8, 1959; lowest measured, 11.36 ft below land-surface datum, Apr. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 7	11.36
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HUMPHREYS COUNTY

331539090351701. Local number, B014.

LOCATION.--Lat 33°15'39", long 90°35'17", Hydrologic Unit 08030207, SW¼NW¼ sec.2, T.16 N., R.4 W., in Isola.

Owner: Mary Ann Demsey (J. D. Lee home).

AQUIFER.--Sand of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 1,400 ft.

DATUM.--Land-surface datum is about 111 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in tee at well head, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--December 1938, April 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.0 ft above land-surface datum Dec. 10, 1938; lowest measured, 11.0 ft above land-surface datum, Apr. 15, 1984.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 26	11.55
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HUMPHREYS COUNTY--Continued

330606090353501. Local number, E088.

LOCATION.--Lat 33°06'06", long 90°35'35", Hydrologic Unit 08030207, NW¼SW¼ sec.35, T.15 N., R.4 W., 7.5 mi south-west of Belzoni.

Owner: Prather Farms.

AQUIFER.--Mississippi River Valley Alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water table well, diameter 16 in, depth 96 ft.

DATUM.--Land-surface datum is about 96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 16 in casing, 1.10 ft above land-surface datum.

PERIOD OF RECORD.--July 1984 to current year.

EXTREMES FOR PERIOD OF RECORDS.--Highest water level measured, 18 ft below land-surface datum, 1979; lowest measured, 26.96 ft below land-surface datum Sept. 3, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
SEP 22	23.20

ITAWAMBA COUNTY

341633088243801. Local number, G024.

LOCATION.--Lat 34°16'33", long 88°24'38", Hydrologic Unit 03160101, NW¼NE¼ sec.25, T.9 S., R.8 E., 0.2 mi northwest of center of Fulton on Hill Street at Waterworks.

Owner: Town of Fulton.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 164 ft.

DATUM.--Land-surface datum is about 320 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.25 ft above land-surface datum.

PERIOD OF RECORD.--August 1954, August 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.6 ft below land-surface datum, Feb. 16, 1959; lowest measured, 74.65 ft below land-surface datum, Apr. 20, 1971.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 14	41.42

JACKSON COUNTY

302454088493401. Local number, N048.

LOCATION.--Lat 30°24'55", long 88°49'35", Hydrologic Unit 03170009, SE¼SW¼ sec.19, T.7 S., R.8 W., 0.1 mi east of depot at Ocean Springs at Robinson Avenue and Cash Alley.

Owner: Louisville and Nashville Railroad.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth reported 535 ft, screened 495-535 ft cased to 495 ft.

DATUM.--Land-surface datum is about 23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in northwest side of pump, 0.80 ft above land-surface datum.

PERIOD OF RECORD.--1928, April 1939, August 1958 to July 1963, July 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.0 ft above land-surface datum, 1928; lowest measured, 83.94 ft below land-surface datum, Oct. 15, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	83.94	APR 8	82.00

302357088473801. Local number, N073.

LOCATION.--Lat 30°23'57", long 88°47'38", Hydrologic Unit 03170009, SE¼NW¼ sec.28, T.2 S., R.8 W., 2 mi southeast of center of Ocean Springs on Henley Street near park entrance.

Owner: Magnolia State Park.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 536 ft, screened 516-536 ft.

DATUM.--Land-surface datum is about 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1938, June 1956 to April 1973, June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.0 ft above land-surface datum, Apr. 8, 1938; lowest measured, 75.29 ft below land-surface datum, Oct. 15, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	75.29	APR 8	74.75

GROUND-WATER LEVELS

JACKSON COUNTY--Continued

302503088481602. Local number, N511.

LOCATION.--Lat 30°25'03", long 88°48'16", Hydrologic Unit 03170009, NE¼SE¼ sec.20, T.7 S., R.8 W., 1.5 mi east of depot at Ocean Springs.

Owner: Tommy Moreton.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 3 in, depth 1,280 ft, screened 1,240-1,280 ft.

DATUM.--Land-surface datum is about 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in tee, 2 ft above land-surface datum.

PERIOD OF RECORD.--July 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.0 ft above land-surface datum, July 1, 1984; lowest measured, 15.0 ft above land-surface Oct. 15, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	15.0	APR 8	16.2

302451088325901. Local number, P045.

LOCATION.--Lat 30°24'51", long 99°32'59", Hydrologic Unit 03170008, NE¼NE¼ sec.10, T.7 S., R.6 W., 0.5 mi northwest of center of Moss Point at Weems Street and Dantzler Street.

Owner: Central Artesian Well Co.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 806 ft, cased to 806 ft.

DATUM.--Land-surface datum is about 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in tee, 0.80 ft above land-surface datum.

PERIOD OF RECORD.--September 1919, September 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.0 ft above land-surface datum, Sept. 6, 1919; lowest measured, 54.07 ft below land-surface datum, Nov. 6, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	45.17	APR 8	41.52

302244088325801. Local number, P068.

LOCATION.--Lat 30°22'44", long 88°32'58", Hydrologic Unit 03170006, SE¼NE¼ sec.2, T.8 S., R.6 W., 1 mi north of center of Pascagoula at Market Street and River Road.

Owner: City of Pascagoula.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 292 ft, cased to 282 ft.

DATUM.--Land-surface datum is about 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in top of plate at well head, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.05 ft below land-surface datum, Apr. 18, 1962; lowest measured, 95.90 ft below land-surface datum, July 12, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
OCT 15	62.24

302205088334005. Local number, P113.

LOCATION.--Lat 30°22'05", long 88°33'40", Hydrologic Unit 03170006, NW¼NW¼ sec.5, T.8 S., R.6 W., 0.2 mi northwest of center of Pascagoula at Railroad Avenue and Frederic Street.

Owner: City of Pascagoula.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 10 in, depth 388 ft, cased to 308 ft.

DATUM.--Land-surface datum is about 13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing (since Apr. 20, 1976), at land-surface datum.

PERIOD OF RECORD.--April 1958 to October 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.40 ft below land-surface datum, Apr. 10, 1958; lowest measured, 75.58 ft below land-surface datum, July 13, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
OCT 15	57.52

JACKSON COUNTY--Continued

302134088330803. Local number, P124.

LOCATION.--Lat 30°21'34", long 88°33'08", Hydrologic Unit 03170006, SW¼SE¼ sec.11, T.8 S., R.6 W., 0.5 mi southeast of center of Pascagoula at Communny Street east of Pascagoula Street.

Owner: City of Pascagoula.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 801 ft, cased to 721 ft.

DATUM.--Land-surface datum is 10.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in northeast side of plate at well head, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--April 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.70 ft below land-surface datum, Mar. 21, 1960; lowest measured, 144.64 ft below land-surface datum, June 12, 1975.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 8	79.42

302042088331801. Local number, P134.

LOCATION.--Lat 30°20'42", long 88°33'18", Hydrologic Unit 03170006, SE¼ sec.6, T.8 S., R.6 W., 1.5 mi south of center of Pascagoula at Farnsworth Avenue and Firth Street.

Owner: City of Pascagoula.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 750 ft.

DATUM.--Land-surface datum is 10.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in north side of pump base, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--April 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.14 ft below land-surface datum, May 5, 1960; lowest measured, 121.03 ft below land-surface datum, June 12, 1975.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	68.10	APR 8	71.67

302623088311101. Local number, Q016.

LOCATION.--Lat 30°26'23", long 88°31'11", Hydrologic Unit 03170008, SW¼SW¼ sec.17, T.7 S., R.5 W., 2 mi east of center of Escatawpa on Elder Ferry Road.

Owner: Thiokol Chemical Corporation.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 967 ft.

DATUM.--Land-surface datum is about 7 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2-in horizontal pipe, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--July 1952, October 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18 ft above land-surface datum, July 1952; lowest measured, 0.32 ft above land-surface datum, Apr. 8, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	0.50	APR 8	0.32

302535088303501. Local number, Q025.

LOCATION.--Lat 30°25'35", long 88°30'35", Hydrologic Unit 03170008, NW¼NE¼ sec.20, T.7 S., R.5 W., 2 mi east of center of Escatawpa on Elder Ferry Road at packing plant.

Owner: Smith Fisheries.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 200 ft.

DATUM.--Land-surface datum is about 4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--June 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.07 ft below land-surface datum, Apr. 15, 1960; lowest measured, 49.56 ft below land-surface datum, Apr. 30, 1971.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	35.61	APR 8	30.30

GROUND-WATER LEVELS

JACKSON COUNTY--Continued

302126088293801. Local number, Q112.

LOCATION.--Lat 30°21'32", long 88°29'38", Hydrologic Unit 03170009, SW¼SW¼ sec.9, T.8 S., R.5 W., 5 mi southeast of center of Pascagoula on east side of State Highway 611 north of Standard Oil Refinery.

Owner: Jackson County Board of Supervisors.

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6-4 in, depth 202 ft, screened 192-202 ft cased to 192 ft.

DATUM.--Land-surface datum is 3.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.29 ft below land-surface datum, May 6, 1960; lowest measured, 16.22 ft below land-surface datum, July 14, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	10.54	APR 8	9.81

302304088305901. Local number, Q149.

LOCATION.--Lat 30°23'04", long 88°30'59", Hydrologic Unit 03170006, SE¼SE¼ sec.31, T.8 S., R.5 W., 0.5 mi west of State Highway 607 on U.S. Highway 90 east of Pascagoula.

Owner: Dairy Fresh Corporation.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 333 ft.

DATUM.--Land-surface datum is about 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--June 1963, August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63 ft below land-surface datum, June 1, 1963; lowest measured 111.52 ft below land-surface datum, May 17, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	99.98	APR 8	95.95

302103088294701. Local number, Q403.

LOCATION.--Lat 33°21'03", long 88°29'47", Hydrologic Unit 03170009, NE¼SE¼ sec.17, T.8 S., R.5 W., 5 mi southeast of center of Pascagoula on west side of State Highway 611 at Coastal Chemical Co.

Owner: U.S. Geological Survey.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 346 ft, cased to 340 ft.

DATUM.--Land-surface datum is about 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.3 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.35 ft below land-surface datum, July 19, 1982; lowest measured, 145.1 ft below land-surface datum, June 19, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	84.34	APR 8	87.44

302253088302401. Local number, Q407.

LOCATION.--Lat 30°22'53", long 88°30'24", Hydrologic Unit 03170006, SW¼NW¼ sec.5, T.8 S., R.5 W., 2.5 mi east of center of Pascagoula on Old Mobile Highway at Chateau Drive.

Owner: City of Pascagoula.

AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 327 ft.

DATUM.--Land-surface datum is 13.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.50 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--March 1975, April 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 92.0 ft below land-surface datum Mar. 1, 1975; lowest measured, 149.99 ft below land-surface datum, Oct. 22, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	135.53	APR 8	140.40

JACKSON COUNTY--Continued

302141088313101. Local number, Q424.

LOCATION.--Lat 30°21'41", long 88°31'31", Hydrologic Unit 03170009, sec.30, T.8 S., R.5 W., 1.5 mi east of center of Pascagoula at Chico and Scovel Streets.

Owner: City of Pascagoula.

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 182 ft.

DATUM.--Land-surface datum is about 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.50 ft below land-surface datum, Apr. 8, 1987; lowest measured, 25.0 ft below land-surface datum, Sept. 2, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	19.43	APR 8	18.50

JEFFERSON COUNTY

314245091034601. Local number, H001.

LOCATION.--Lat 31°42'45", long 91°03'46", Hydrologic Unit 08060204, SW¼NW¼ sec.45, T.9 N., R.1E., 0.1 mi west of courthouse in Fayette at waterworks.

Owner: Town of Fayette.

AQUIFER.--Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in., depth 262 ft.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in side of pump base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--February 1961, November 1980, April 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 134.10 ft below land-surface datum, Feb. 17, 1961; lowest measured 161.89 ft below land-surface datum, Mar. 19, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 23	158.88

JONES COUNTY

314716089054801. Local number, C111.

LOCATION.--Lat 31°47'16", long 89°05'48", Hydrologic Unit 3170005, NE¼SE¼ sec.33, T.10 N., R.11 W., 6.5 mi north of center of Laurel at Sharon Community.

Owner: Sharon Water Association.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6-4 in, depth 248 ft.

DATUM.--Land-surface datum is about 305 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1/2-in hole in 6-in well seal, 2.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--February 1972, December 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 110 ft below land-surface datum, Feb. 22, 1972; lowest measured, 158.15 ft below land-surface datum, Sept. 15, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 6	154.29

314143089083901. Local number, G055.

LOCATION.--Lat 31°41'43", long 89°08'39", Hydrologic Unit 03170005, NW¼NW¼ sec.6, T.8 N., R.11 W., 1 mi west of the west of the center of Laurel at 6th Street and 14th Avenue.

Owner: City of Laurel.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 24-12 in, depth 405 ft, cased to 345 ft.

DATUM.--Land-surface datum is 279.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.00 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--March 1964, January 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 126 ft below land-surface datum, March 1964; lowest measured, 208.60 ft below land-surface datum, Apr. 6, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 6	208.60

GROUND-WATER LEVELS

LAFAYETTE COUNTY

343005089301301. Local number, B001.

LOCATION.--Lat 34°30'05", long 89°30'13", Hydrologic Unit 08030201, NW¼SE¼ sec.3, T.7 S., R.3 W., 0.2 mi east of State Highway 7 at Abbeville.

Owner: Town of Abbeville.

AQUIFER.--Sand of lower part of Wilcox Group of Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 520 ft.

DATUM.--Land-surface datum is about 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water level affected by pumping.

PERIOD OF RECORD.--February 1963, September 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 155 ft below land-surface datum, February 1963; lowest measured, 163.46 ft below land-surface datum, Mar. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 25	163.46
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342130089313001. Local number, F021.

LOCATION.--Lat 34°21'30", long 89°31'30", Hydrologic Unit 08030203, SW¼NW¼ sec.28, T.8 S., R.3 W., 1.5 mi southwest of center of Oxford at Chambers Manufacturing Company south of State Highway 6 on Old Taylor Road.

Owner: City of Oxford.

AQUIFER.--Sand of Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth reported 250 ft.

DATUM.--Land-surface datum is about 470 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.06 ft below land-surface datum, July 23, 1979, lowest measured, 134.50 ft below land-surface datum, Mar. 9, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 25	104.17
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342104089320301. Local number, F112.

LOCATION.--Lat 34°21'04", long 89°32'03", Hydrologic Unit 08030203, SW¼SE¼ sec.29, T.8 S., R.3 W., 1.5 mi south of State Highway 6 on Old Taylor Road.

Owner: City of Oxford.

AQUIFER.--Sand of Wilcox Group of early Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 439 ft.

DATUM.--Land-surface datum is about 470 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 162.30 ft below land-surface datum, Mar. 25, 1987; lowest measured, 226.15 ft below land-surface datum, June 30, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 25	162.30
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LAMAR COUNTY

311928089211101. Local number, E214.

LOCATION.--Lat 31°19'38", long 89°21'11", Hydrologic Unit 03170004, SW¼NE¼ sec.12, T.4 N., R.14 W., behind Methodist Hospital off U. S. Highway 98 west.

Owner: City of Hattiesburg.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 660 ft.

DATUM.--Land-surface datum is about 218 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of top of 3-in casing at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 97.80 ft below land-surface datum, Apr. 7, 1987; lowest measured, 100.46 ft below land-surface datum, Oct. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 14	100.46	APR 7	97.80	JUN 22	98.19
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LAMAR COUNTY--Continued

310935089252001. Local number, L063.

LOCATION.--Lat 31°09'35", long 89°25'20", Hydrologic Unit 03180004, SE¼SE¼ sec.5, T.2 N., R.14 W., 1.5 mi northwest of center of Purvis on State Highway 581 at elevated water tank.

Owner: Progress Water Association.

AQUIFER.--Sand of Catahoula Sandstone of early Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 960 ft, cased to 910 ft.

DATUM.--Land-surface datum is about 370 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.30 ft above land-surface datum.

PERIOD OF RECORD.--1968, September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 220 ft below land-surface datum, 1968; lowest measured, 267.17 ft below land-surface datum, June 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	266.60	APR 9	262.11	JUN 9	267.17	JUN 22	265.58

310934089252101. Local number, L093.

LOCATION.--Lat 31°09'35", long 89°25'21", Hydrologic Unit 03180004, SE¼SE¼ sec.5, T.2 N., R.14 W., 1.5 mi northwest of center of Purvis on State Highway 581.

Owner: Progress Water Association.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled public supply well, diameter 8-6 in, depth 264 ft.

DATUM.--Land-surface datum is about 375 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in air vent, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1976, November 1980, September 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 142 ft below land-surface datum, Jan. 27, 1976; lowest measured, 154.60 ft below land-surface datum, Oct. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	154.60	APR 9	152.95

LAUDERDALE COUNTY

321902088445701. Local number, M003.

LOCATION.--Lat 32°19'02", long 88°44'57", Hydrologic Unit 03170001, NW¼SE¼ sec.34, T.6 N., R.15 E., 4 mi southwest of center of Meridian on U.S. Highway 11 at fish hatchery.

Owner: U.S. Fish and Wildlife Service.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled hatchery-supply artesian well, diameter 10-8 in, depth 729 ft, cased to 688 ft.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in pump base, at land-surface datum.

REMARKS.--Water levels affected by pumping.

PERIOD OF RECORD.--January 1964 to October 1969, April 1971 to November 1974, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.37 ft above land-surface datum, Oct. 20, 1971; lowest measured, 18.41 ft below land-surface datum, Sept. 16, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 16	8.53

LAWRENCE COUNTY

313310090062001. Local number, G002.

LOCATION.--Lat 31°33'10", long 90°06'20", Hydrologic Unit 03180003, NW¼NW¼ sec.28, T.7 N., R.11 E., near center of Monticello, 400 ft northwest of courthouse on Washington Street.

Owner: Town of Monticello.

AQUIFER.--Sands of Catahoula Sandstone of early Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10-6 in, depth 895 ft.

DATUM.--Land-surface datum is about 198 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8-in casing, 2.80 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--November 1949, November 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 18 ft below land-surface datum November 1949; lowest measured, 174.55 ft below land-surface datum, Apr. 22, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 22	174.55

GROUND-WATER LEVELS

LEAKE COUNTY

324427089295201. Local number, L001.

LOCATION.--Lat 32°44'20", long 89°29'50", Hydrologic Unit 03180001, SW¼SE¼ sec.5, T.10 N., R.8 E., 2.5 mi east of center of Carthage on State Highway 16 at McAfee.

Owner: C. Daugherty.

AQUIFER.--Sand of middle part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4-2 in, depth reported 700 ft, screened 680-700 ft cased to 680 ft.

DATUM.--Land-surface datum is about 350 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--June 1957 to October 1963, April 1965, November 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.81 ft below land-surface datum, May 1, 1958; lowest measured, 48.24 ft below land-surface datum, Apr. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 2	47.84

LEE COUNTY

341555088463501. Local number, G043

LOCATION.--Lat 34°15'55", long 88°46'35", Hydrologic Unit 03160102, SW¼SE¼ sec.28, T.9 S., R.5 E., 4 mi west of center of Tupelo on Chesterfield Road.

Owner: City of Tupelo.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16-18 in, depth 686 ft.

DATUM.--Land surface datum is about 320 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in pump base, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--March 1969, October 1979, June 1981, November 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 153 ft below land-surface datum, Mar. 1, 1969; lowest measured, 300.49 ft below land-surface datum, Oct. 10, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	248.86	APR 14	237.81

341632088403001. Local number, H009.

LOCATION.--Lat 34°16'32", long 88°40'30", Hydrologic Unit 03160102, SW¼NE¼ sec.28, T.9 S., R.6 E., about 2.5 mi east of Tupelo and north of U.S. Highway 78 on Saltillo road.

Owner: Pierce Grocery.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 335 ft.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--December 1947, January 1967 to February 1968, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35 ft below land-surface datum, Dec. 1, 1947; lowest measured, 173.90 ft below land-surface datum, Aug. 28, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
AUG 17	166.22

341547088422901. Local number, H022.

LOCATION.--Lat 34°15'47", long 88°42'29", Hydrologic Unit 03160102, NW¼NW¼ sec.31, T.9 S., R.6 E., 0.5 mi northwest of center of Tupelo at Leake Street and Park Avenue.

Owner: City of Tupelo.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12-8 in, depth 430 ft, cased to 370 ft.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in north side of pump base, at land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--1954, October 1965 to October 1967, April 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 120 ft below land-surface datum, 1954; lowest measured, 267.13 ft below land-surface datum, Apr. 25, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	247.09	APR 14	244.50	AUG 17	237.74

GROUND-WATER LEVELS

267

LEE COUNTY--Continued

341948088423101. Local number, H033.

LOCATION.--Lat 34°19'48", long 88°42'31", Hydrologic Unit 03160102, NW¼SE¼ sec.6, T.9 S., R.6 E., 0.5 mi north of center of Tupelo off U.S. Highway 45 at Natchez Trace Headquarters.

Owner: Natchez Trace Parkway.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 8 in, depth 492 ft.

DATUM.--Land-surface datum is about 315 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top 8 in seal, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--June 1956, October 1965, February 1967, December 1973, December 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62 ft below land-surface datum, June 1965; lowest measured, 156.63 ft below land-surface, Aug. 17, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	155.37	APR 14	152.17	AUG 17	156.63

341536088421001. Local number, H042.

LOCATION.--Lat 34°15'36", long 88°42'10", Hydrologic Unit 03160102, SE¼NE¼ sec.31, T.9 S., R.6 E., 0.2 mi northeast of center of Tupelo at Spring Street and Sherwood at waterworks.

Owner: City of Tupelo.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16-10 in, depth 562 ft cased to 510 ft.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in east side of pump base, 3.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--August 1966, October 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 164.00 ft below land-surface datum, Aug. 16, 1966; lowest measured, 294.45 ft below land-surface datum, Dec. 16, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	294.45	APR 15	209.68	AUG 18	239.10

341235088431601. Local number, K029.

LOCATION.--Lat 34°12'35", long 88°43'16", in SE¼SE¼ sec.13, T.10 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45 at Barber Milk Company, 3.5 mi south of center of Tupelo.

Owner: Barber Milk Company.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in., depth reported 491 ft, cased to 451 ft.

DATUM.--Land-surface datum is about 345 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 0.80 ft above land-surface datum.

REMARKS.--Water levels effected by nearby pumping.

PERIOD OF RECORD.--January 1967 to October 1967, September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 177.2 ft below land-surface datum, Mar. 22, 1967; lowest measured, 302.60 ft below land-surface datum, Aug. 17, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	273.58	APR 14	271.80	JUN 3	274.00	JUL 7	274.96	AUG 17	302.60	SEP 16	293.30
MAR 5	274.53	MAR 11	274.89	JUN 24	274.90	AUG 3	287.47	AUG 19	289.40	SEP 24	286.44
MAR 31	273.29	MAY 19	293.77	JUL 2	275.07	AUG 4	287.73	SEP 4	291.80	SEP 29	285.71

340522088371701. Local number, 0014.

LOCATION.--Lat 34°05'25", long 88°37'17", Hydrologic Unit 03160102, SW¼SE¼ sec.25, T.11 S., R.6 E., 0.1 mi east of center of Nettleton on Main Street at waterworks.

Owner: Town of Nettleton.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 612 ft, cased to 587 ft.

DATUM.--Land-surface datum is about 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in well base, 0.70 ft above land-surface datum.

PERIOD OF RECORD.--July 1940, September 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.40 ft below land-surface datum, July 15, 1940; lowest measured, 70.28 ft below land-surface datum, Feb. 8, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	64.50	APR 14	63.68

GROUND-WATER LEVELS

LEE COUNTY--Continued

340523088371701. Local number, 0015.

LOCATION.--Lat 34°05'23", long 88°37'17", Hydrologic Unit 03160102, SW¼SE¼ sec.25, T.11 S., R.6 E., 0.1 mi east of center of Nettleton on Main Street at waterworks.

Owner: Town of Nettleton.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 8 in, depth 282 ft.

DATUM.--Land-surface datum is about 266 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent in west side of pump base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1956, March 1968, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20 ft below land-surface datum, September 1956; lowest measured, 91.31 ft below land-surface datum, Apr. 14, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	91.31	AUG 13	87.18

LEFLORE COUNTY

333823090205101. Local number, D160.

LOCATION.--Lat 33°38'23", long 90°20'51", Hydrologic Unit 08030207, NW¼SW¼ sec.31, T.21 N., R.1 W., 0.1 mi east of center of Schlater on south side of State Highway 442.

Owner: Mrs. D. B. Jameson.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 816 ft, cased to 816 ft.

DATUM.--Land-surface datum is 132.05 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1-in pipe, 2.30 ft above land-surface datum.

PERIOD OF RECORD.--September 1919, September 1938 to October 1968, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.0 ft above land-surface datum, 1919; lowest measured, 12.68 ft below land-surface datum, Mar. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 26	12.68

333437090262601. Local number, F053.

LOCATION.--Lat 33°34'37", long 90°26'26", Hydrologic Unit 08030207, NW¼NW¼ sec.29, T.20 N., R.2 W., 6 mi southwest of Schlater.

Owner: William Tackett.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth 100 ft.

DATUM.--Land-surface datum is about 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.60 ft above land-surface datum.

REMARKS.--Water levels affected by seasonal pumping. Recorder pulled March 1982.

PERIOD OF RECORD.--March 1978, May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18 ft below land-surface datum, March 24, 1978; lowest measured, 39.66 ft below land-surface datum, Apr. 20, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	38.83	MAR 26	34.50

333159090113401. Local number, L079.

LOCATION.--Lat 33°31'59", long 90°11'34", Hydrologic Unit 08030205, SW¼SE¼ sec.4, T.19 N., R.1 E., at elevated tank on Parkes Street near center of Greenwood.

Owner: City of Greenwood.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 800 ft.

DATUM.--Land-surface datum is about 128 ft above National Geodetic Vertical Datum of 1929. Measuring point: End of 2-in nipple off casing, 2.2 ft above land-surface datum.

PERIOD OF RECORD.--April 1960, April 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.5 ft above land-surface datum, Apr. 28, 1960; lowest measured, 26.97 ft below land-surface datum, Apr. 16, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 26	26.92

LEFLORE COUNTY--Continued

333135090124402. Local number, L111.

LOCATION.--Lat 33°31'35", long 90°12'44", Hydrologic Unit 08030205, SE¼SE¼ sec.8, T.19 N., R.1 E., at Henderson Generating Plant west of U.S. Highway 82, Greenwood.

Owner: City of Greenwood.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 10 in, depth 95 ft.

DATUM.--Land-surface datum is about 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Base of recorder shelter, 2.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.34 ft below land-surface datum, Mar. 27, 1987; lowest measured 35.96 ft below land-surface datum, Sept. 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	14.34
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333050090112501. Local number, L150.

LOCATION.--Lat 33°30'50", long 90°11'25", Hydrologic Unit 08030205, NE¼NE¼ sec.16, T.19 N., R.1 E., at street department barn, Parkway Street and Johnson Street.

Owner: City of Greenwood.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 220 ft.

DATUM.--Land-surface datum is about 126 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--January 1964, April 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.80 ft below land-surface datum, May 3, 1984; lowest measured, 50 ft below land-surface datum, Jan. 22, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	19.55
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333100090105801. Local number, L152.

LOCATION.--Lat 33°31'00", long 90°10'58", Hydrologic Unit 08030206, NE¼NW¼ sec.15, T.19 N., R.1 E., 0.1 mi southwest of center of Greenwood at Cotton Street and Johnson Street.

Owner: City of Greenwood.

AQUIFER.--Sand of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 660 ft, reported screened 620-640 ft.

DATUM.--Land-surface datum is 133.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1/2-in bushing in top of well, 2.80 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--1938, March 1940 to February 1950, April 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.9 ft above land-surface datum, Aug. 5, 1944; lowest measured, 35.06 ft below land-surface datum, Apr. 15, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	18.43
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LINCOLN COUNTY

313731090370101. Local number, B037.

LOCATION.--Lat 31°37'31", long 90°37'01", Hydrologic Unit 03180005, NE¼NE¼ sec.32, T.8 N., R.6 E., 10 mi west of Brookhaven.

Owner: Ronald Durr.

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 152 ft.

DATUM.--Land-surface datum is about 434 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.50 ft below land-surface datum, May 24, 1980; lowest measured, 69.02 ft below land-surface datum, Nov. 26, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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JUN 28	68.92
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GROUND-WATER LEVELS

LINCOLN COUNTY--Continued

313504090261401. Local number, H010.

LOCATION.--Lat 31°35'04", long 90°26'14", Hydrologic Unit 03180005, SW¼SE¼ sec.7, T.7 N., R.8 E., 0.5 mi north of center of Brookhaven at Second Street and Enterprise Street.

Owner: Brookhaven Creamery.

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 165 ft, cased to 115 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--1969, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.54 ft below land-surface datum, Oct. 11, 1978; lowest measured, 75.33 ft below land-surface datum, Apr. 14, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 22	63.09

LOWNDES COUNTY

333845088275404. Local number, A014.

LOCATION.--Lat 33°38'45", long 88°27'54", Hydrologic Unit 03160101, NE¼SW¼ sec.19, T.16 S., R.18 W., 11 mi north-west of center of Columbus on west side of U.S. Highway 45 at Columbus Air Base.

Owner: Columbus Air Base.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 456 ft, screened 425-456 ft.

DATUM.--Land-surface datum is about 188 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--July 1973, 1975, April 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.16 ft below land-surface datum, Jan. 28, 1975; lowest measured, 30.77 ft below land-surface datum, Dec. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	30.77	APR 15	29.88

333306088255601. Local number, C029.

LOCATION.--Lat 33°33'06", long 88°25'56", Hydrologic Unit 03160101, SW¼SW¼ sec.28, T.17 S., R.18 W., 5 mi north of center of Columbus on east side of U.S. Highway 45.

Owner: S. L. Thomason.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in depth 200 ft.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Measuring point: Top of casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--March 1959 to April 1965, October 1975 to Apr. 26, 1984, April 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.00 ft below land-surface datum, July 29, 1959; lowest measured, 44.83 ft below land-surface datum, Aug. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 15	41.20	AUG 20	44.83

333703088244801. Local number, C030.

LOCATION.--Lat 33°37'03", long 88°24'48", Hydrologic Unit 03160101, SE¼NW¼ sec.3, T.17 S., R.18 W., 10 mi north of center of Columbus on east side of U.S. Highway 45.

Owner: T. S. Hodges.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 380 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--March 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.53 ft below land-surface datum, Mar. 13, 1959; lowest measured, 21.0 ft below land-surface datum, Apr. 2, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 15	20.75

GROUND-WATER LEVELS

271

LOWNDES COUNTY--Continued

332838088393401. Local number, E005.

LOCATION.--Lat 33°28'38", long 88°39'34", Hydrologic Unit 03160104, NW¼NE¼ sec.31, T.19 N., R.16 E., 1.2 mi southwest of center of Mayhew and 0.1 mi southwest of intersection of U.S. Highways 45W and 82.

Owner: A. L. Echols.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 5 in, depth 365 ft, cased to 40 ft.

DATUM.--Land-surface datum is about 226 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--November 1957 to April 1962, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.45 ft below land-surface datum, Apr. 29, 1958; lowest measured, 111.85 ft below land-surface datum, Aug. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 15	109.58	AUG 20	111.85

333052088234101. Local number, G185.

LOCATION.--Lat 33°30'52", long 88°23'41", Hydrologic Unit 03160105, SW¼ sec.11, T.18 S., R.18 W., 2.3 mi northeast of center of Columbus at city water treatment plant.

Owner: City of Columbus.

AQUIFER.--Sand of Coker Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 878 ft.

DATUM.--Land-surface datum is about 178 ft above National Geodetic Vertical Datum of 1929. Top of casing at faucet, 2.50 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--March 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 18.30 ft above land-surface datum, Mar. 28, 1977; lowest measured, 18.96 ft below land-surface datum, Jan. 7, 1987.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	18.29	JAN 7	18.96	MAR 31	16.62	MAY 12	17.26	JUL 21	17.71	SEP 15	17.87
NOV 18	16.91	FEB 19	14.07	APR 16	16.14	JUN 16	16.2				

332656088335801. Local number, K037.

LOCATION.--Lat 33°26'56", long 88°33'58", Hydrologic Unit 03160106, SW¼SW¼ sec.6, T.18 N., R.17 E., 1.5 mi east of Golden Triangle Regional Airport.

Owner: Golden Triangle Industrial Park.

AQUIFER.--Sand of Coker Formation of Tuscaloosa Group of Late Cretaceous Age.

WELL CHARACTERISTICS.--Drilled industrial well, diameter 12 in, depth 1,312 ft.

DATUM.--Land-surface datum is about 240 ft above National Geodetic Vertical Datum of 1929. Measuring Point: Top of air-vent in pump base, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 74.50 ft below land-surface datum, Dec. 2, 1982; lowest measured, 102.49 ft below land-surface datum, Apr. 3, 1986.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 15	102.29

332718088333903. Local number, K039.

LOCATION.--Lat 33°27'18", long 88°33'39", Hydrologic Unit 03160106, SW¼SW¼ sec.6, T.18 N., R.17 E., 1½ miles east of Golden Triangle Regional Airport.

Owner: Golden Triangle Industrial Park.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous Age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 12 in, depth 329 ft.

DATUM.--Land-surface datum is about 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 12-in casing, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--December 1979, December 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 94.15 ft below land-surface datum, Apr. 15, 1987; lowest measured, 115.58 ft below land-surface datum, Apr. 26, 1984.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 15	94.15

GROUND-WATER LEVELS

LOWNDES COUNTY--Continued

332517088235601. Local number, L022.

LOCATION.--Lat 33°25'17", long 88°23'56", Hydrologic Unit 03160106, SE¼SE¼ sec.10, T.19 S., R.18 W., 5 mi southeast of center of Columbus near east bank of Tombigbee River.

Owner: Hooker Chemical Company.

AQUIFER.--Sand of Coker Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 1,190 ft.

DATUM.--Land-surface datum is about 178 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1-in bushing (since Apr. 13, 1976), 1.80 ft above land-surface datum.

PERIOD OF RECORD.--May 1960 to October 1965, April 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.9 ft above land-surface datum, Apr. 12, 1961; lowest measured, 44.71 ft below land-surface datum, Oct. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 16	31.07	AUG 20	32.40

332508088235409. Local number, L034.

LOCATION.--Lat 33°25'08", long 88°23'54", Hydrologic Unit 03160105, NW¼SE¼ sec.10, T.19 S., R.18 W., 5 mi south of center of Columbus near east bank of Tombigbee River.

Owner: Hooker Chemical Company.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 583 ft, reported screened 533-583 ft.

DATUM.--Land-surface datum is about 180 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air breather in pump base, 2.50 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--July 1958, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.45 ft below land-surface datum, Apr. 26, 1984; lowest measured, 108.80 ft below land-surface datum, May 12, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 16	48.50

332142088380101. Local number, N029.

LOCATION.--Lat 33°21'42", long 88°38'01", Hydrologic Unit 03160106, SW¼SW¼ sec.4, T.17 N., R.16 E., 3 mi south of Artesia and east of U.S. Highway 45.

Owner: United Cement Company.

AQUIFER.--Sand of Tombigbee Member of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 570 ft, cased to 240 ft open hole.

DATUM.--Land-surface datum is about 280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 127.80 ft below land-surface datum, Oct. 5, 1978; lowest measured, 149.02 ft below land-surface datum, Aug. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 15	148.38	AUG 20	149.02

MADISON COUNTY

322413090101701. Local number, V013.

LOCATION.--Lat 32°24'13", long 90°10'17", Hydrologic Unit 03180002, NE¼SE¼ sec.35, T.7 N., R.1 E., 0.1 mi west of center of Tougaloo at Tougaloo College.

Owner: Tougaloo College.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 800 ft.

DATUM.--Land-surface datum is about 380 ft above National Geodetic Vertical Datum of 1929. Measuring point: Middle of tee, 3.65 ft above land-surface datum.

PERIOD OF RECORD.--August 1955, November 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 163.43 ft below land-surface datum, Aug. 18, 1955; lowest measured, 217.95 ft below land-surface datum, Sept. 23, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	215.34	DEC 29	215.98	FEB 20	215.40	APR 20	215.30	JUN 17	214.70	AUG 26	216.22
DEC 1	216.79	JAN 26	215.62	MAR 19	214.80	MAY 27	216.44	JUL 24	215.90	SEP 23	216.06

MADISON COUNTY--Continued

322458090084601. Local number, V023.

LOCATION.--Lat 32°24'58", long 90°08'46", Hydrologic Unit 03180002, NE¼NE¼ sec.36, T.7 N., R.1 E., 0.5 mi west of intersection of U. S. Highway 51 and Holmes Street on Midway Street.

Owner: Town of Ridgeland.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 574 ft.

DATUM.--Land-surface datum is about 330 ft above National Geodetic Vertical Datum of 1929. Measuring point: 4-in hole in plate at top of 8-in casing, 1.25 ft above land-surface datum.

PERIOD OF RECORD.--August 1965, February 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 122.20 ft below land-surface datum, Aug. 26, 1987; lowest measured, 171.09 ft below land-surface datum, Aug. 20, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	160.77	DEC 29	151.37	FEB 20	140.03	APR 20	135.29	JUN 17	139.45	AUG 26	122.20
DEC 1	153.24	JAN 26	143.11	MAR 19	135.09	MAY 27	132.69	JUL 24	131.25	SEP 23	123.16

322627090062401. Local number, W005.

LOCATION.--Lat 32°26'27", long 90°06'24", Hydrologic Unit 03180002, NE¼NE¼ sec.20, T.7 N., R.2 E., 1 mi southeast of center of Madison near Bruce Campbell Airport.

Owner: Willard F. Bond Home.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 500 ft.

DATUM.--Land-surface datum is about 320 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base 0.50 ft or hole in plate on well head (since Apr. 24, 1961) at land-surface datum.

PERIOD OF RECORD.--January 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 112.88 ft below land-surface datum, Apr. 12, 1957; lowest measured, 179.87 ft below land-surface datum, Mar. 20, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 31	173.95

322517090054201. Local number, W066.

LOCATION.--Lat 32°25'17", long 90°05'42", Hydrologic Unit 03180002, SW¼SE¼ sec.22, T.7 N., R.2 E., 3.5 mi east of Ridgeland.

Owner: Pearl River Valley Water Supply District.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 10 in, depth 608 ft.

DATUM.--Land-surface datum is about 308 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent at pump motor base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1974, August 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 118 ft below land-surface datum, Apr. 24, 1974; lowest measured, 169.05 ft below land-surface datum, Nov. 3, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	169.05	DEC 29	160.69	FEB 20	161.32	MAY 27	161.12	JUL 24	159.08	SEP 23	158.53
DEC 1	161.33	JAN 26	160.06	MAR 19	159.32	JUN 18	158.38				

MARSHALL COUNTY

344618089272801. Local number, P072.

LOCATION.--Lat 34°46'18", long 89°27'24", Hydrologic Unit 08030204, NW¼NW¼ sec.6, T.4 S., R.2 W., at Holly Springs on West Boundry Street.

Owner: Town of Holly Springs.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 718 ft.

DATUM.--Land-surface datum is about 510 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 127.42 ft below land-surface datum, Mar. 28, 1984; lowest measured, 129.7 ft below land-surface datum, Nov. 30, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 25	128.05

GROUND-WATER LEVELS

MONROE COUNTY

335917088304401. Local number, C003.

LOCATION.--Lat 33°59'17", long 88°30'44", Hydrologic Unit 03160101, NE¼SE¼ sec.26, T.12 S., R.19 W., 0.3 mi north-west of center of Amory at 108th Street and 5th Avenue at waterworks.

Owner: Town of Amory.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth reported 360 ft.

DATUM.--Land-surface datum is about 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pipe on well head, 2.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--October 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.84 ft below land-surface datum, Mar. 10, 1983; lowest measured, 31.97 ft below land-surface datum, Apr. 8, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	25.28	APR 14	23.88

334836088390201. Local number, 0003.

LOCATION.--Lat 33°48'36", long 88°39'02", Hydrologic Unit 03160101, NE¼NE¼ sec.3, T.15 S., R.6 E., 2 mi northeast of center of Prairie.

Owner: John Judsen.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 451 ft.

DATUM.--Land-surface datum is about 315 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plate on well head, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--1942, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 114 ft below land-surface datum, 1942; lowest measured, 193.74 ft below land-surface datum, Oct. 16, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 15	178.48

334359088391601. Local number, 0016.

LOCATION.--Lat 33°43'59", long 88°39'16", Hydrologic Unit 031601104, SW¼NE¼ sec.34, T.15 S., R.6 E., at Muldon on State Highway 25.

Owner: Muldon Grain Elevator Company (Formerly M and O Railroad)

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 620 ft.

DATUM.--Land-surface datum is about 300 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--1901, October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.00 ft below land-surface datum, 1901; lowest measured, 164.91 ft below land-surface datum, Apr. 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 15	163.37	AUG 21	161.20

334836088333301. Local number, P022.

LOCATION.--Lat 33°48'36", long 88°33'33", Hydrologic Unit 03160101, NW¼NW¼ sec.3, T.15 S., R.7 E., 1 mi southwest of center of Aberdeen on State Highway 25.

Owner: Conoco Chemicals (Formerly Monroe Mfg. Co.).

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 216 ft.

DATUM.--Land-surface datum is about 218 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.60 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--October 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.87 ft below land-surface datum, Oct. 16, 1962; lowest measured, 112.30 ft below land-surface datum, Apr. 8, 1969.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 15	99.69

GROUND-WATER LEVELS

275

MONROE COUNTY-Continued

334147088261501. Local number, Q018.

LOCATION.--Lat 33°41'47", long 88°26'15", Hydrologic Unit 03160103, SE¼SE¼ sec.5, T.16 S., R.18 W., 3 mi south of center of Hamilton on east side of U.S. Highway 45E.

Owner: T. G. Owen.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 390 ft.

DATUM.--Land-surface datum is about 216 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1/2-in plug in top of casing, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--May 1964, July 1973, May 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26 ft below land-surface datum, May 1964; lowest measured, 70.77 ft below land-surface datum, Apr. 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 15	69.42

MONTGOMERY COUNTY

332916089432002. Local number, F002.

LOCATION.--Lat 33°29'16", long 89°43'20", Hydrologic Unit 08060201, NW¼NE¼ sec.25, T.19 N., R.5 E., 0.5 mi northeast of center of Winona at waterworks.

Owner: Town of Winona.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 308 ft, screened 248-308 ft.

DATUM.--Land-surface datum is 373.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.70 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--September 1939, February 1958 to June 1972, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 94.70 ft below land-surface datum, Apr. 19, 1959; lowest measured, 122.47 ft below land-surface datum, Oct. 11, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 1	122.23

NEWTON COUNTY

322722089162002. Local number, E023.

LOCATION.--Lat 32°27'22", long 89°16'20", Hydrologic Unit 031800001, NW¼NW¼ sec.15, T.7 N., R.10 E., 0.8 mi east of Post Office at Conehatta.

Owner: Conehatta Indian School.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled institutional artesian well, diameter 8 in, depth 639 ft.

DATUM.--Land-surface datum is about 525 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, at land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 221.80 ft below land-surface datum, Dec. 4, 1979; lowest measured, 236.93 ft below land-surface datum, Apr. 14, 1986.

NOTE: No measurement made in 1987.

NOXUBEE COUNTY

330645088332801. Local number, H115.

LOCATION.--Lat 33°06'50", long 88°34'10", Hydrologic Unit 03160108, NW¼NW¼ sec.33, T.15 N., R.17 E., 1 mi northwest of center of Macon on Pearl Street at railroad.

Owner: Town of Macon.

AQUIFER.--Sand and gravel of Coker Formation of the Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 10 in, depth 1,807 ft, cased to 1,767 ft.

DATUM.--Land-surface datum is about 185 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1/4-in gate valve on discharge pipe, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--February 1955 to October 1956, October 1958 to April 1963, April 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.2 ft above land-surface datum, Feb. 3, 1955; lowest measured, 16.56 ft below land-surface datum, Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 16	15.45	AUG 11	16.56

GROUND-WATER LEVELS

NOXUBEE COUNTY--Continued

325927088442701. Local number, Q018.

LOCATION.--Lat 32°59'27", long 88°44'27", Hydrologic Unit 03160108, NW¼SW¼ sec.11, T.13 N., R.15 E., 10.6 mi west of Shuqualak.

Owner: Shuqualak Butler Water Association.

AQUIFER.--Sand and gravel of Coker Formation of the Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 2,670 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 10-in casing, at ground level.

PERIOD OF RECORD.--January 1985, April 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 310 ft below land-surface datum, Jan. 29, 1985; lowest measured, 311.90 ft below land-surface datum, Apr. 16, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 16	311.90
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OKTIBBEHA COUNTY

332710088471701. Local number, G102.

LOCATION.--Lat 33°27'10", long 88°47'17", Hydrologic Unit 03160104, NE¼SW¼ sec.1, T.18 N., R.14 E., 0.2 mi east of center of State College at Walker Engineering Building.

Owner: Mississippi State University.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 1,008 ft, cased to 968 ft.

DATUM.--Land-surface datum is 380.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.33 ft above land-surface datum.

PERIOD OF RECORD.--June 1940 to July 1948, January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 176.14 ft below land-surface datum, Apr. 3, 1941; lowest measured, 232.35 ft below land-surface datum, Aug. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
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APR 15	232.24	AUG 10	232.35
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PERRY COUNTY

311056088551201. Local number, J015.

LOCATION.--Lat 31°10'56", long 88°55'12", Hydrologic Unit 03170005, SE¼NW¼ sec.32, T.3 N., R.9 W., Beaumont Landing on State Highway 15 north of Beaumont, south end of bridge, downstream side at park and landing.

Owner: Pat Harrison Waterway.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled public-supply well, diameter 2 in, depth 576 ft.

DATUM.--Land-surface datum is about 90 ft above National Geodetic Vertical Datum of 1929. Measuring Point: End of 2-in pipe, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.00 ft above land-surface datum, May 9, 1984; lowest measured, 24.75 ft above land-surface datum, Apr. 22, 1983.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 7	31.2
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310956088552101. Local number, M011.

LOCATION.--Lat 31°09'56", long 88°55'21", Hydrologic Unit 03170005, SW¼SW¼ sec.5, T.2 N., R.9 W., near center of Beaumont on third street.

Owner: Town of Beaumont.

AQUIFER.--Sand of Hattiesburg Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled public-supply (standby) well, diameter 11 in, depth 666 ft, reported screened 626-666 ft.

DATUM.--Land-surface datum is about 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Faucet near pump base, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--August 1965, January 1976, June 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35 ft above land-surface datum, Aug. 1, 1965; lowest measured, 20.79 ft above land-surface datum, Apr. 7, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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APR 7	20.79
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GROUND-WATER LEVELS

277

PIKE COUNTY

310833090272801. Local Number, G002.

LOCATION.--Lat 31°08'33", long 90°27'28", Hydrologic Unit 08070205, NW¼NW¼ sec.13, T.2 N., R.7 E., 0.1 mi west of center of Magnolia and west of City Hall.

Owner: Town of Magnolia.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 432 ft.

DATUM.--Land-surface datum is about 300 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in east side of pump base, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--1967, February 1970, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.00 ft below land-surface datum, 1967; lowest measured, 18.45 ft below land-surface datum, Feb. 17, 1970.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 22	13.53

PRENTISS COUNTY

343921088334101. Local number, F002.

LOCATION.--Lat 34°39'21", long 88°33'41", Hydrologic Unit 08010207, SE¼SE¼ sec.9, T.5 S., R.7 E., 0.1 mi north of center of Booneville at Court Street and Main Street.

Owner: Town of Booneville.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 491 ft, cased to 406 ft.

DATUM.--Land-surface datum is about 525 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent on south side of pump base, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--July 1950, May 1972, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 183 ft below land-surface datum, July 1950; lowest measured, 243.67 ft below land-surface datum, Apr. 1, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 23	238.40	AUG 19	221.50

343142088384401. Local number, J084.

LOCATION.--Lat 34°31'42", long 88°38'44", Hydrologic Unit 03160101, SE¼NE¼ sec.26, T.6 S., R.6 E., 1.7 mi north of center of Baldwin on west side of U.S. Highway 45.

Owner: Baldwin Implement Company.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 440 ft, cased to 158 ft.

DATUM.--Land-surface datum is about 345 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of air vent in pump base, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--July 1973, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.50 ft below land-surface datum, July 25, 1973; lowest measured, 58.45 ft below land-surface datum, Apr. 1, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 23	58.39	AUG 19	49.80

RANKIN COUNTY

322249089582101. Local number, G043.

LOCATION.--Lat 32°22'49", long 89°58'21", Hydrologic Unit 03180002, SW¼NW¼ sec.10, T.6 N., R.3 E., 7.4 mi north of Brandon on Spillway road.

Owner: Pearl River Valley Water Supply District.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16 in, depth 1,190 ft.

DATUM.--Land-surface datum is about 320 ft above National Geodetic Vertical Datum of 1929. Measuring point: Air vent at pump motor base, 1.70 ft above land-surface datum.

PERIOD OF RECORD.--November 1980, August 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 155 ft below land-surface datum, Nov. 9, 1980; lowest measured, 179.29 ft below land-surface datum, July 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 3	170.95	DEC 29	169.56	FEB 20	171.95	APR 20	176.66	JUN 18	171.92	JUL 24	172.08
DEC 1	170.45	JAN 26	170.88	MAR 19	171.40						

GROUND-WATER LEVELS

RANKIN COUNTY--Continued

321846089475101. Local number, J110.

LOCATION.--Lat 32°18'46", long 89°47'51", Hydrologic Unit 03180002, SW¼SW¼ sec.33, T.6 N., R.5 E., 0.2 mi east of center of Pelahatchie at Fire Station.

Owner: Town of Pelahatchie.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 563 ft, screened 503-563 ft.

DATUM.--Land-surface datum is about 365 ft above National Geodetic Vertical Datum of 1929. Measuring point: Hole in cover plate, at land-surface datum.

PERIOD OF RECORD.--July 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 101.62 ft below land-surface datum, Apr. 9, 1956; lowest measured, 139.99 ft below land-surface datum, Oct. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	139.99	MAR 31	128.93

SCOTT COUNTY

322148089283201. Local number, L001.

LOCATION.--Lat 32°21'48", long 89°28'32", Hydrologic Unit 03180001, SE¼NE¼ sec.16, T.6 N., R.8 E., 0.1 mi west of center of Forest at Wade Street and Walker Street.

Owner: Town of Forest.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 360 ft, cased to 280 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--August 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 95.39 ft below land-surface datum, Apr. 11, 1984; lowest measured, 145.4 ft below land-surface datum, Apr. 28, 1967.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	96.76	APR 2	96.40

322202089290502. Local number, L013.

LOCATION.--Lat 32°22'02", long 89°29'05", Hydrologic Unit 03180001, SE¼NE¼ sec.16, T.6 N., R.8 E., 0.7 mi west of center of Forrest at George Street and Cleveland Street.

Owner: Town of Forest.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 721 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--November 1964, November 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 193 ft below land-surface datum, November 1964; lowest measured, 224.17 ft below land-surface datum, Oct. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	224.17	APR 2	223.99

322147089305801. Local number, L039.

LOCATION.--Lat 32°21'47", long 89°30'58", Hydrologic Unit 03180001, SW¼NE¼ sec.18, T.6 N., R.8 E., 2.2 mi west of Forest on U.S. Highway 80.

Owner: Manville Forest Products.

AQUIFER.--Meridian Sand Member of Tallahatchie Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10-6 in, depth 1,310 ft.

DATUM.--Land-surface datum is about 475 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in air vent, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1973, November 1979, April 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 184 ft below land-surface datum, Nov. 15, 1973; lowest measured, 236.68 ft below land-surface datum, Apr. 2, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	231.29	APR 2	236.68

GROUND-WATER LEVELS

279

SHARKEY COUNTY

325839090501601. Local number, C043.

LOCATION.--Lat 32°58'39", long 90°50'16", Hydrologic Unit 08030209, sec.17, T.13 N., R.6 W., 0.6 mi northwest of center of Anguilla on west side of Deer Creek.

Owner: M. C. Ewing.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 1,830 ft, cased to 1,790 ft.

DATUM.--Land-surface datum is about 106 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of tee at well head, 2.00 ft above land-surface datum, or top of faucet at road, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 100.0 ft above land-surface datum, July 23, 1973; lowest measured, 59.0 ft above land-surface datum, Oct. 15, 1983

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 23	83.16
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324749090553101. Local number, G044.

LOCATION.--Lat 32°47'49", long 90°55'31", Hydrologic Unit 08030209, NE¼NW¼ sec.16, T.11 N., R.7 W., 0.3 mi south of center of Cary on east side of U.S. Highway 61.

Owner: Cary High School.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 1,149 ft.

DATUM.--Land-surface datum is about 102 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--February 1939, September 1960, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.9 ft above land-surface datum, Feb. 10, 1939; lowest measured, 27.00 ft below land-surface datum, Mar. 23, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 23	27.00
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SIMPSON COUNTY

315256089392401. Local number, L001.

LOCATION.--Lat 31°52'56", long 89°39'24", Hydrologic Unit 03170004, SE¼NW¼ sec.35, T.1 N., R.6 E., 4 mi east of center of Magee off State Highway 28.

Owner: Okatoma Water Association.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 1,620 ft.

DATUM.--Land-surface datum is about 530 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--January 1969, September 1971, July 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 302 ft below land-surface datum, Jan. 31, 1969; lowest measured, 342.90 ft below land-surface datum, Sept. 16, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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SEP 16	342.90
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315258089392201. Local number, L013.

LOCATION.--Lat 31°52'58" long 89°39'22", Hydrologic Unit 03170004, SE¼NW¼ sec.35, T.1 N., R.6 E., 4 mi east of center of Magee off State Highway 28.

Owner: Okatoma Water Association.

AQUIFER.--Sand of Citronelle Formation of Pliocene age.

WELL CHARACTERISTICS.--Drilled public-supply water-table well, diameter 18 in, depth 200 ft, reported screened 150 to 200 ft.

DATUM.--Land-surface datum is about 515 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of breather, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--May 1972, May 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 98.75 ft below land-surface datum, Apr. 13, 1983; lowest measured, 110.0 ft below land-surface datum, May 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
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APR 10	108.09	SEP 16	106.28
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GROUND-WATER LEVELS

SUNFLOWER COUNTY

334017090301801. Local number, H018.

LOCATION.--Lat 33°40'17", long 90°30'18", Hydrologic Unit 08030207, SE¼NE¼ sec.21, T.21 N., R.3 W., 1.5 mi northeast of center of Doddsville on county road.

Owner: B. D. McCarty.

AQUIFER.--Sand of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 1,370 ft.

DATUM.--Land-surface datum is about 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of faucet at well, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.0 ft above land-surface datum, Apr. 14, 1971; lowest measured, 6.15 ft below land-surface datum, Mar. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 26	6.15

332505090293001. Local number, R021.

LOCATION.--Lat 33°25'05", long 90°29'30", Hydrologic Unit 08030207, NW¼SW¼ sec.22, T.18 N., R.3 W., 2.5 mi southeast of center of Moorehead on county road.

Owner: Edgar Hobbs.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 3 in, depth 1,547 ft.

DATUM.--Land-surface datum is about 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of faucet at well, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.5 ft above land-surface datum, Feb. 10, 1970; lowest measured, 6.5 ft above land-surface datum, Apr. 21, 1983.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 26	13.86

TATE COUNTY

343723089592801. Local number, F022.

LOCATION.--Lat 34°37'23", long 89°59'28", Hydrologic Unit 08030204, SE¼SE¼ sec.25, T.5 S., R.8 W., 1.2 mi southeast of center of Senatobia at stand tank on Browns Ferry Road.

Owner: Town of Senatobia.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 5 in, depth 1,085 ft, cased to 1,065 ft.

DATUM.--Land-surface datum is about 340 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.30 ft above land-surface datum.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 135.18 ft below land-surface datum, May 23, 1973; lowest measured, 158.07 ft below land-surface datum, Mar. 26, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 25	152.79

343811089580401. Local number, G037 (Formerly G37a).

LOCATION.--Lat 34°38'11", long 89°58'04", Hydrologic Unit 08030204, NW¼SW¼ sec.20, T.5 S., R.7 W., 1 mi north of center of Senatobia at Chromcraft Plant.

Owner: Town of Senatobia.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 1,180 ft, cased to 1,160 ft.

DATUM.--Land-surface datum is about 250 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 2.20 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--October 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.84 ft below land-surface datum, June 6, 1973; lowest measured, 101.5 ft below land-surface datum, Dec. 1, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 25	83.18

GROUND-WATER LEVELS

281

TIPPAH COUNTY

345658088534101. Local number, 8008.

LOCATION.--Lat 34°56'58", long 88°53'41", Hydrologic Unit 08010207, SE¼ sec.32, T.1 S., R.4 E., 0.2 mi north of center of Walnut at swimming pool and elevated tank.

Owner: Town of Walnut.

AQUIFER.--Sand of McNairy Sand Member of Ripley Formation of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 147 ft, cased to 137 ft.

DATUM.--Land-surface datum is about 470 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--June 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.70 ft below land-surface datum, Feb. 24, 1975; lowest measured, 67.90 ft below land-surface datum, Nov. 30, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 23	62.88	AUG 12	64.98

344409088565401. Local number, J022.

LOCATION.--Lat 34°44'09", long 88°56'54", Hydrologic Unit 08030201, NW¼SW¼ sec.13, T.4 S., R.3 E., 0.3 mi north of center of Ripley, east side of U.S. Highway 15.

Owner: Town of Ripley.

AQUIFER.--Sand of McNairy Sand Member of Ripley Formation of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 921 ft.

DATUM.--Land-surface datum is about 490 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 12-in casing, 2.00 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--October 1970, October 1978, November 1982, May 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 199 ft below land-surface datum, Oct. 1, 1970; lowest measured, 240.76 ft below land-surface datum, Nov. 17, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAY 11	233.59

TISHOMINGO COUNTY

345802088142701. Local number, 8018.

LOCATION.--Lat 34°58'02", long 88°14'27", Hydrologic Unit 06030005, SW¼NE¼ sec.28, T.1 S., R.10 E., 2.8 mi north of center of Cross Roads on west side of State Highway 25.

Owner: Yellow Creek Port.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 378 ft, cased to 147 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--October 1973, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 98.31 ft below land-surface datum, Mar. 11, 1980; lowest measured, 104.31 ft below land-surface datum, Apr. 23, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 24	103.90	AUG 13	100.85

345603088170601. Local number, 8019.

LOCATION.--Lat 34°56'03", long 88°17'06", Hydrologic Unit 06030005, NE¼SW¼ sec.6, T.2 S., R.10 E., 2 mi northwest of center of Cross Roads.

Owner: Yellow Creek Port.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 266 ft, cased to 90 ft.

DATUM.--Land-surface datum is about 467 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1973, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.32 ft below land-surface datum, Feb. 24, 1987; lowest measured, 15.0 ft below land-surface datum, Sept. 29, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 24	11.32	AUG 13	12.32

GROUND-WATER LEVELS

TISHOMINGO COUNTY--Continued

345703088145601. Local number, B021.

LOCATION.--Lat 34°57'03", long 88°14'56", Hydrologic Unit 06030005, SW¼NE¼ sec.33, T.1 S., R.10 E., 1.5 mi north of center of Cross Roads on State Highway 25.

Owner: Yellow Creek Port.

AQUIFER.--Rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 349 ft, cased to 76 ft.

DATUM.--Land-surface datum is about 455 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1973, October 1975 to April 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.07 ft above land-surface datum, Apr. 10, 1979; lowest measured, 8.48 ft below land-surface datum, Nov. 30, 1982.

343936088161901. Local number, J010.

LOCATION.--Lat 34°39'36", long 88°16'19", Hydrologic Unit 03160101, NW¼SE¼ sec.8, T.5 S., R.10 E., 0.2 mi south of center of Paden at Murphy Street and Lennon Avenue.

Owner: Irwin Schwabe Company.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 181 ft.

DATUM.--Land-surface datum is about 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in nipple at well head (since Mar. 17, 1976), 2.80 ft, or top of cap 1.7 ft land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--July 1971 to February 1972, March 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.20 ft above land-surface datum, Mar. 13, 1974; lowest measured, 2.77 ft below land-surface datum, Nov. 18, 1981.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 25	4.40	AUG 11	4.74

TUNICA COUNTY

344540090230801. Local number, D029.

LOCATION.--Lat 34°45'40", long 90°23'08", Hydrologic Unit 08030204, SW¼SE¼ sec.5, T.4 S., R.11 W., 5 mi north of center of Tunica.

Owner: Jack Day Perry.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth 125 ft.

DATUM.--Land-surface datum is about 188 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.40 ft above land-surface datum.

REMARKS.--Water level affected by seasonal pumping.

PERIOD OF RECORD.--July 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.48 ft above land-surface datum, Sept. 15, 1981; lowest measured, 16.59 ft below land-surface datum, Jan. 22, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 24	11.45

UNION COUNTY

343200089045901. Local number, B006.

LOCATION.--Lat 34°32'00", long 89°04'59", Hydrologic Unit 08030201, SE¼NW¼ sec.27, T.6 S., R.2 E., 5 mi northwest of New Albany on north side of U.S. Highway 78.

Owner: Futorian Furniture Corp. (Frame plant).

AQUIFER.--Sand of Ripley Formation of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled industrial (fire protection) artesian well, diameter 6 in, depth 500 ft.

DATUM.--Land-surface datum is about 385 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing below pump base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--1955, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25 ft below land-surface datum, 1955; lowest measured, 72.20 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	67.64	AUG 11	71.59

UNION COUNTY--Continued

343418088484901. Local number, E022.

LOCATION.--Lat 34°34'18", long 88°48'49", Hydrologic Unit 08010207, NW¼SE¼ sec.7, T.6 S., R.5 W., 6 mi of State Highway 30.

Owner: Keownville Water Association.

AQUIFER.--Coffee Sand of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 312 ft, cased to 696 ft.

DATUM.--Land-surface datum is about 680 ft above National Geodetic Vertical Datum of 1929. Measuring point: Plug in top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels effected by nearby pumping.

PERIOD OF RECORD.--July 1972, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 340 ft below land-surface datum, July 5, 1972; lowest measured, 451.50 ft below land-surface datum, May 16, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	393.79	AUG 10	396.03

WASHINGTON COUNTY

332432091031501. Local number, D016.

LOCATION.--Lat 33°24'32", long 91°03'15", Hydrologic Unit 08030209, irregular sec.4, T.18 N., R.8 W., 0.2 mi north-east of center of Greenville at Alexander Street and Illinois Central Railroad.

Owner: Itzig Company.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 517 ft.

DATUM.--Land-surface datum is about 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1960, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 77.28 ft below land-surface datum, Apr. 26, 1983; lowest measured, 107.87 ft below land-surface datum, June 7, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
SEP 22	97.42

332228091045402. Local number, D033 (Formerly D33b).

LOCATION.--Lat 33°22'28", long 91°04'54", Hydrologic Unit 08030209, irregular sec.10, T.18 N., R.9 W., 4 mi south-west of center of Greenville in industrial park on Theobald Street.

Owner: U.S. Geological Survey.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 1,994 ft, cased to 1,984 ft.

DATUM.--Land-surface datum is 125.07 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of valve on cap on well, 2.62 ft above land-surface datum.

PERIOD OF RECORD.--June 1969 to April 1972, June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.8 ft above land-surface datum, Apr. 14, 1970; lowest measured, 25.7 ft above land-surface datum, Mar. 23, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 23	25.7

332007090525401. Local number, H014.

LOCATION.--Lat 33°20'07", long 90°52'54", Hydrologic Unit 08030209, NW¼SW¼ sec.12, T.17 N., R.7 W., 5 mi south of center of Leland and east of Deer Creek.

Owner: Louis Munn.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 10 in, depth 102 ft, cased to 72 ft.

DATUM.--Land-surface datum is about 115 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--March 1956 to October 1963, January 1965 to October 1966, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.86 ft below land-surface datum, Oct. 14, 1958; lowest measured, 26.25 ft below land-surface datum, June 9, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	25.28	MAR 23	22.82

GROUND-WATER LEVELS

WASHINGTON COUNTY--Continued

331808090532901. Local number, H101.

LOCATION.--Lat 33°18'08", long 90°53'29", Hydrologic Unit 08030209, SW¼SE¼ sec.23, T.17 N., R.7 W., 0.1 mi south-west of center of Wilmot.

Owner: J. A. Aldridge.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 1,903 ft, cased to 1,895 ft.

DATUM.--Land-surface datum is about 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of tee, 0.80 ft above land-surface datum.

PERIOD OF RECORD.--February 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.5 ft above land-surface datum, Dec. 20, 1954; lowest measured, 7.4 ft above land-surface datum, Mar. 23, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 23	7.4

331120090413001. Local number, M044.

LOCATION.--Lat 33°11'20", long 90°41'30", Hydrologic Unit 08030207, NW¼SW¼ sec.35, T.16 N., R.5 W., 11 mi east of center of Hollandale on State Highway 12 at Sunflower River.

Owner: Dave Jones.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth reported 110 ft.

DATUM.--Land-surface datum is about 105 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--May 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.28 ft below land-surface datum, Apr. 25, 1975; lowest measured, 31.98 ft below land-surface datum, Sept. 15, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 23	29.31

WAYNE COUNTY

315011088413601. Local number, C058.

LOCATION.--Lat 31°50'11", long 88°41'36", Hydrologic Unit 03170002, SE¼NE¼ sec.16, T.10 N., R.7 W., 12 mi north of intersection of U.S. Highway 84 and U.S. Highway 45 on west side of U.S. Highway 45.

Owner: Town of Waynesboro.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled public supply well, diameter 16 in, depth 2,402 ft.

DATUM.--Land-surface datum is about 252 ft above National Geodetic Vertical Datum of 1929. Measuring point: Faucet in flow line between check valve and pump, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1982, April 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.0 ft above land-surface datum, Sept. 8, 1982; lowest measured, 47.4 ft below land-surface datum, Apr. 6, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 6	47.4

314115088392301. Local number, N151.

LOCATION.--Lat 31°41'15", long 88°39'23", Hydrologic Unit 03170002, NE¼SE¼ sec.2, T.8 N., R.7 W., 1 mi northwest of center of Waynesboro at Turner Street and Gulf Mobile and Ohio Railroad.

Owner: Town of Waynesboro.

AQUIFER.--Sand of Vicksburg Group of Oligocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 18 in, depth 82 ft, cased to 32 ft.

DATUM.--Land-surface datum is about 180 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1-in hole in breather pipe inside recorder shelter, 2.30 ft above land-surface datum.

PERIOD OF RECORD.--April 1973, February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.69 ft below land-surface datum, Apr. 6, 1987; lowest measured, 35.73 ft below land-surface datum, Feb. 3, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 6	21.69

GROUND-WATER LEVELS

285

WEBSTER COUNTY

332425089212001. Local number, M025.

LOCATION.--Lat 33°24'25", long 89°21'20", Hydrologic Unit 08060201, SW¼NW¼ sec.28, T.19 N., R.9 E., north side of U.S. Highway 82, 0.2 mi east of Tomnolem.

Owner: Town of Tomnolem.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled public-supply well, diameter 10 in, depth 359 ft.

DATUM.--Land-surface datum is about 350 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete pump base, 1.80 ft above land-surface datum.

PERIOD OF RECORD.--December 1970, July 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.0 ft below land-surface datum, Dec. 30, 1970; lowest measured, 37.36 ft below land-surface datum, Aug. 27, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
APR 13	37.05

WILKINSON COUNTY

310415091042201. Local number, T101.

LOCATION.--Lat 31°04'15", long 91°04'22", Hydrologic Unit 08070202, SE¼NW¼ sec.2, T.1 N., R.1 E., 1 mi southwest of center of Centreville on State Highway 33.

Owner: J. P. Kennedy. Old Camp Van Dorn.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 222 ft, screened 162-222 ft cased to 162 ft.

DATUM.--Land-surface datum is 353.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in cover plate, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--May 1942, March 1954 to October 1963, March 1968, March 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.0 ft below land-surface datum, May 5, 1942; lowest measured, 52.22 ft below land-surface datum, Dec. 10, 1954.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	51.23	APR 22	49.98

310415091042202. Local number, T102.

LOCATION.--Lat 31°04'15", long 91°04'22", Hydrologic Unit 08070202, SE¼NW¼ sec.2, T.1 N., R.1 E., 1 mi southwest of center of Centreville on State Highway 33.

Owner: J. P. Kennedy. Old Camp Van Dorn.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 415 ft, screened 355-415 ft, cased to 355 ft.

DATUM.--Land-surface datum is 355.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in cover plate, 1.48 ft above land-surface datum.

PERIOD OF RECORD.--May 1942, March 1954 to October 1963, March 1968, March 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 128.4 ft below land-surface datum, May 5, 1942; lowest measured, 167.27 ft below land-surface datum, June 18, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	166.41	APR 22	165.96

310415091042203. Local number, T103.

LOCATION.--Lat 31°04'15", long 91°04'22", Hydrologic Unit 08070202, SE¼NW¼ sec.2, T.1 N., R.1 E., 1 mi southwest of center of Centreville on State Highway 33.

Owner: J. P. Kennedy. Old Camp Van Dorn.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 1,685 ft, screened 1,625-1,685 ft, cased to 1,625 ft.

DATUM.--Land-surface datum is 356.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in cover plate, 1.40 ft above land-surface datum.

PERIOD OF RECORD.--May 1942, February 1954 to October 1963, March 1968, March 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 238.1 ft below land-surface datum, May 13, 1942; lowest measured, 280.18 ft below land-surface datum, Oct. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	280.18	APR 22	279.22

GROUND-WATER LEVELS

YAZOO COUNTY

325905090192202. Local number, 8102.

LOCATION.--Lat 32°59'05", long 90°19'22", Hydrologic Unit 08030206, SE¼SW¼ sec.8, T.13 N., R.1 W., at Eden across street from post office.

Owner: Town of Eden.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 800 ft, cased to 770 ft.

DATUM.--Land-surface datum is 112.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Bottom edge of hole in north side of casing, 5.30 ft above land-surface datum.

PERIOD OF RECORD.--1919, February 1939, April 1943 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.7 ft above land-surface datum, 1919; lowest measured, 22.87 ft below land-surface datum, Mar. 27, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	22.87
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325905090192201. Local number, 8103.

LOCATION.--Lat 32°59'05", long 90°19'22", Hydrologic Unit 08030206, SE¼SW¼ sec.8, T.13 N., R.1 W., at Eden across from Baptist church.

Owner: Town of Eden.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 4-2.5 in, depth 1,735 ft, screened 1,659-1,669, 1,689-1,699, 1,705-1,715 ft.

DATUM.--Land-surface datum is about 112 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of cap, 0.50 ft above land-surface datum.

REMARKS.--Water levels affected by leakage.

PERIOD OF RECORD.--January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 143.2 ft above land-surface datum, January 1954; lowest measured, 52.0 ft above land-surface datum, May 17, 1983.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	86.1
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325100090250701. Local number, G006.

LOCATION.--Lat 32°51'00", long 90°25'07", Hydrologic Unit 08030206, SW¼NE¼ sec.32, T.12 N., R.2 W., 0.3 mi north-west of center of Yazoo City at power plant on Bridge Street.

Owner: Yazoo City.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16-12 in, depth 212 ft, cased to 152 ft.

DATUM.--Land-surface datum is about 100 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing or top of recorder house floor, 5.60 ft above land-surface datum.

PERIOD OF RECORD.--September 1940, November 1975 to July 1984, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.81 ft below land-surface datum, June 25, 1983; lowest measured, 35.68 ft below land-surface datum, Apr. 10, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	18.42
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325016090251601. Local number, G126.

LOCATION.--Lat 32°50'16", long 90°25'16", Hydrologic Unit 08030206, SW¼NE¼ sec.32, T.12 N., R.2 W., 0.3 mi northwest of center of Yazoo City at power plant on Bridge Street.

Owner: Yazoo City.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 801 ft, cased to 761 ft.

DATUM.--Land-surface datum is about 96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 4.0 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--January 1939, January 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.1 ft above land-surface datum, Jan. 17, 1939; lowest measured, 48.35 ft below land-surface datum, June 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
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MAR 27	39.58
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GROUND-WATER LEVELS

287

YAZOO COUNTY--Continued

324936090423001. Local number, J128.

LOCATION.--Lat 32°49'36", long 90°42'30", Hydrologic Unit 08030207, NE¼SE¼ sec.4, T.11 N., R.5 W., 0.2 mi north of center of Holly Bluff at Holly Bluff School.

Owner: Holly Bluff Consolidated School.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled school-supply artesian well, diameter 4 in, depth 980 ft, cased to 940 ft.

DATUM.--Land-surface datum is about 103 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of tee, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--August 1939, March 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.7 ft above land-surface datum, Aug. 17, 1939; lowest measured, 24.71 ft below land-surface datum, Sept. 24, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 27	24.16

324419090351201. Local number, P018. (USCE L7Y3)

LOCATION.--Lat 32°44'19", long 90°35'12", Hydrologic Unit 08030207, SW¼SW¼ sec.2, T.10 N., R.4 W., 5.0 mi northwest of Satartia.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 53 ft.

INSTRUMENTATION.--Water-level recorder -- 60-minute punch.

DATUM.--Land-surface datum is 101.59 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.94 ft above land-surface datum.

REMARKS.--Water level affected by Yazoo River stage.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 15.72 ft below land-surface datum, May 7, 1980; lowest, 29.45 ft below land-surface datum, July 11, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 27	18.64

324354090325501. Local number, Q013.

LOCATION.--Lat 32°43'54", long 90°32'55", Hydrologic Unit 08030206, center NW¼ sec.7, T.10 N., R.3 W., 4 mi north of Satartia.

Owner: John Peaster.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth 93 ft.

DATUM.--Land-surface datum is about 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 0.88 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--August 1969, May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.53 ft below land-surface datum, June 25, 1983; lowest measured, 27.26 ft below land-surface datum, May 6, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
MAR 27	18.64

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ALCORN COUNTY

344638088214801. Local number, L034. (USCE NW1-1)

LOCATION.--Lat 34°46'38", long 88°21'48", Hydrologic Unit 06030005, NE¼NE¼ sec.32, T.3 S., R.9 E., 3 mi southwest of intersection of State Highway 365 and 367.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 280 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.10 ft above land-surface datum.

PERIOD OF RECORD.--October 1978, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 101.96 ft below land-surface datum, Aug. 5, 1986; lowest measured, 105.54 ft below land-surface datum, Feb. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	105.19	FEB 24	105.54	MAY 12	102.66	AUG 11	105.19

344638088214803. Local number, L036. (USCE NW1-3)

LOCATION.--Lat 34°46'38", long 88°21'48", Hydrologic Unit 06030005, NE¼SE¼ sec.32, T.3 S., R.9 E., 3 mi southwest of intersection of State Highway 365 and 367.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 207 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 91.47 ft below land-surface datum, Dec. 9, 1986; lowest measured, 94.71 ft below land-surface datum, Feb. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	91.47	FEB 24	94.71	MAY 12	93.86	AUG 11	93.49

344608088232602. Local number, L038. (USCE NW2-2)

LOCATION.--Lat 34°46'08", long 88°23'26", Hydrologic Unit 08010207, NW¼NE¼ sec.6, T.4 S., R.9 E., 2.5 mi east of Jacinto.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 400 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.25 ft above land-surface datum.

PERIOD OF RECORD.--October 1978, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 184.0 ft below land-surface datum, Oct. 18, 1978; lowest measured, 196.65 ft below land-surface datum, Feb. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	196.41	FEB 24	196.65	MAY 12	195.51	AUG 11	195.96

344608088232603. Local number, L040. (USCE NW2-3)

LOCATION.--Lat 34°46'08", long 88°23'26", Hydrologic Unit 06030005, NW¼NE¼ sec.6, T.4 S., R.9 E., 2.4 mi east of Jacinto.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 327 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.0 ft above land-surface datum.

PERIOD OF RECORD.--October 1978, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 185.19 ft below land-surface datum, May 29, 1985; lowest measured, 190.88 ft below land-surface datum, Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	189.39	FEB 24	190.44	MAY 12	190.63	AUG 11	190.88

ALCORN COUNTY--Continued

344608088244302. Local number, L042. (USCE NW3-2)

LOCATION.--Lat 34°46'08", long 88°24'43", Hydrologic Unit 08010207, NE¼NW¼ sec.1, T.4 S., R.8 E., 1 mi northeast of Jacinto.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 398 ft.

DATUM.--Land-surface datum is about 590 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 189.0 ft below land-surface datum, July 15, 1980; lowest measured, 200.12 ft below land-surface datum, Dec. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	200.12	FEB 24	199.82	MAY 12	199.19	AUG 11	199.74

344608088244303. Local number, L043. (USCE NW3-3)

LOCATION.--Lat 34°46'08", long 88°24'43", Hydrologic Unit 06030005, NE¼NW¼ sec.1, T.4 S., R.8 E., 1.2 mi northeast of Jacinto.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 320 ft.

DATUM.--Land-surface datum is about 590 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.9 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 187.0 ft below land-surface datum, July 15, 1980; lowest measured, 200.60 ft below land-surface datum, Feb. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	199.17	FEB 24	198.78	MAY 12	198.20	AUG 11	198.62

345042088230902. Local number, L047. (USCE W4-2)

LOCATION.--Lat 34°50'42", long 88°23'09", Hydrologic Unit 06030005, SE¼SE¼ sec.6, T.3 S., R.9 E., 3.7 mi west of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 259 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 2.75 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 212.35 ft below land-surface datum, May 23, 1985; lowest measured, 216.74 ft below land-surface datum, Dec. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	216.74	FEB 24	215.76	MAY 12	215.17	AUG 12	215.05

345042088230903. Local number, L048. (USCE W4-3)

LOCATION.--Lat 34°50'42", long 88°23'09", Hydrologic Unit 06030005, SE¼SE¼ sec.6, T.3 S., R.9 E., 3.7 mi west of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 315 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.70 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 211.00 ft below land-surface datum Feb. 21, 1985; lowest measured, 219.98 below land-surface datum, Aug. 4, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	219.79	FEB 24	219.68	MAY 12	211.57	AUG 12	212.08

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ALCORN COUNTY--Continued

344857088225101. Local number, L049. (USCE W7-1)

LOCATION.--Lat 34°48'57", long 88°22'51", Hydrologic Unit 06030005, SW¼SW¼ sec.17, T.3 S., R.9 E., 3.7 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 430 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.55 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 195.35 ft below land-surface datum, Dec. 9, 1986; lowest measured, 198.75 below land-surface datum, Feb. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	195.35	FEB 24	198.75	MAY 12	198.07	AUG 12	198.23

344857088225102. Local number, L050. (USCE W7-2A)

LOCATION.--Lat 34°48'57", long 88°22'51", Hydrologic Unit 06030005, SW¼SW¼ sec.17, T.3 S., R.9 E., 3.7 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 380 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 193.90 ft below land-surface datum, Dec. 9, 1986; lowest measured, 201.86 ft below land-surface datum, May 23, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	193.90	FEB 24	198.42	MAY 12	197.74	AUG 12	198.03

344522088220301. Local number, L051. (USCE W8-1)

LOCATION.--Lat 34°45'22", long 88°22'03", Hydrologic Unit 06030005, SE¼SE¼ sec.5, T.4 S., R.9 E., 6.4 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 340 ft.

DATUM.--Land-surface datum is about 537 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.75 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 140.85 ft below land-surface datum, Feb. 18, 1986; lowest measured, 144.85 ft below land-surface datum, Dec. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	144.85	FEB 24	144.55	MAY 12	144.15	AUG 11	144.39

344522088220302. Local number, L052. (USCE W8-2)

LOCATION.--Lat 34°45'22", long 88°22'03", Hydrologic Unit 06030005, SE¼SE¼ sec.5, T.4 S., R.9 E., 6.4 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 263 ft.

DATUM.--Land-surface datum is about 537 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 2.70 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 130.31 ft below land-surface datum, May 23, 1985; lowest measured, 131.87 ft below land-surface datum, Aug. 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	131.12	FEB 24	131.54	MAY 12	130.55	AUG 11	130.42

ITAWAMBA COUNTY

342554088240401. Local number, A023. (USCE GW118)

LOCATION.--Lat 34°25'54", long 88°24'04", Hydrologic Unit 03160101, SE¼SE¼ sec.36, T.7 S., R.8 E., 11 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan sand member of Eutaw of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 23 ft.

DATUM.--Land-surface datum is 325.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.74 ft below land-surface datum, Dec. 11, 1986; lowest measured, 8.98 ft below land-surface datum, Aug. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	1.74	FEB 26	4.99	MAY 14	7.04	AUG 13	8.98

342506088251301. Local number, A024. (USCE GW119)

LOCATION.--Lat 34°25'06", long 88°25'13", Hydrologic Unit 03160101, NE¼SE¼ sec.35, T.7 S., R.8 E., 10.5 mi north-west of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 38 ft.

DATUM.--Land-surface datum is about 295 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.88 ft below land-surface datum, Mar. 3, 1987; lowest measured, 7.85 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	1.41	MAR 3	0.88	MAY 14	4.80	AUG 18	7.85

342519088261401. Local number, A025. (USCE GW120)

LOCATION.--Lat 34°25'19", long 88°26'14", Hydrologic Unit 03160101, SE¼SE¼ sec.34, T.7 S., R.8 E., 9.75 mi north-west of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 21 ft.

DATUM.--Land-surface datum is 297.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.70 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.09 ft above land-surface datum, Mar. 3, 1987; lowest measured, 2.58 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	0.27	MAR 3	1.09	MAY 14	-0.35	AUG 18	-2.53

342612088225801.--Local number, B005. (USCE GW117)

LOCATION.--Lat 34°26'12", long 88°22'58", Hydrologic Unit 03160101, SW¼SW¼ sec.29, T.7 S., R.9 E., 11.5 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 21 ft.

DATUM.--Land-surface datum is 359.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.30 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.80 ft below land-surface datum, Mar. 5, 1985; lowest measured, 3.19 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	2.20	FEB 26	2.19	MAY 14	2.46	AUG 13	2.92

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

342705088215001. Local number, B008. (USCE P6018)

LOCATION.--Lat 34°27'05", long 88°21'50", Hydrologic Unit 03160101, SW¼SW¼ sec.21, T.7 S., R.9 E., 6 mi southwest of Bay Springs Lock.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 187 ft.

DATUM.--Land-surface datum is about 440 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 105.15 ft below land-surface datum, May 1, 1986; lowest measured, 106.43 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	105.53	FEB 26	105.18	MAY 14	105.40	AUG 13	106.02

342654088210701. Local number, B009. (USCE P6028)

LOCATION.--Lat 34°26'54", long 88°21'07", Hydrologic Unit 03160101, NW¼NE¼ sec.28, T.7 S., R.9 E., 6 mi southwest of Bay Springs Lock.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 200 ft.

DATUM.--Land-surface is about 450 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.95 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 126.44 ft below land-surface datum, Feb. 26, 1987; lowest measured, 127.85 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	126.64	FEB 26	126.44	MAY 14	126.68	AUG 13	127.34

342122088243301. Local number, D039. (USCE CF87)

LOCATION.--Lat 34°21'22", long 88°24'33", Hydrologic Unit 03160101, NW¼SE¼ sec.25, T.8 S., R.8 E., 5.5 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 66 ft.

DATUM.--Land-surface is 271.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 5.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.49 ft above land-surface datum, Feb. 27, 1987; lowest measured, 2.65 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	0.11	FEB 27	0.49	MAY 14	0.42	AUG 13	0.09

341918088243001. Local number, D040. (USCE GW110)

LOCATION.--Lat 34°19'18", long 88°24'30", Hydrologic Unit 03160101, NE¼NE¼ sec. 12, T.9 S., R.8 E., 3.8 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 23 ft.

DATUM.--Land-surface datum is 282.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.46 ft below land-surface datum, Feb. 27, 1987; lowest measured, 4.95 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	0.73	FEB 27	0.46	MAY 14	2.53	AUG 13	4.27

ITAWAMBA COUNTY--Continued

342138088244601. Local number, D041. (USCE GW112A)

LOCATION.--Lat 34°21'38", long 88°24'46", Hydrologic Unit 03160101, NE¼NW¼ sec.25, T.8 S., R.8 E., 6 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 28 ft.

DATUM.--Land-surface datum is about 275 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 5.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.15 ft above land-surface datum, Dec. 11, 1986; lowest measured, 0.80 ft above land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	5.15	FEB 27	5.14	MAY 14	4.77	AUG 18	2.82

342334088261201. Local number, D042. (USCE GW115)

LOCATION.--Lat 34°23'34", long 88°26'12", Hydrologic Unit 03160101, SE¼SE¼ sec.10, T.8 S., R.8 E., 8.5 mi northwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 29 ft.

DATUM.--Land-surface datum is 299.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.7 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.98 ft below land-surface datum, March 3, 1987; lowest measured, 8.08 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	6.19	MAR 3	1.98	MAY 14	6.03	AUG 18	8.08

342437088234201. Local number, D043. (USCE GW116)

LOCATION.--Lat 34°24'37", long 88°23'42", Hydrologic Unit 03160101, SE¼SW¼ sec.6 T.8 S., R.9 E., 9.75 mi north of Fulton.

Owner: U.S. Army of Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 30 ft.

DATUM.--Land-surface datum is 333.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.6 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.00 ft below land-surface datum, Mar. 5, 1985; lowest measured, 23.80 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	23.00	FEB 26	22.48	MAY 14	22.58	AUG 13	23.09

342434088242801. Local number, D044. (USCE GW116A)

LOCATION.--Lat 34°24'34", long 88°24'28", Hydrologic Unit 03160101, SW¼SE¼ sec.1, T.8 S., R.8 E., 9 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 25 ft.

DATUM.--Land-surface datum is about 285 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.75 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.36 ft below land-surface datum, Mar. 3, 1987; lowest measured, 2.10 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	0.82	MAR 3	0.36	MAY 14	1.12	AUG 18	2.10

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

342058088243601. Local number, D045. (USCE P500B)

LOCATION.--Lat 34°20'58", long 88°24'36", Hydrologic Unit 03160101, SW¼SE¼ sec.25, T.8 S., R.8 E., 5.25 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 124 ft.

DATUM.--Land-surface datum is about 290 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.37 ft above land-surface datum, Mar. 5, 1985; lowest measured, 5.77 ft above land-surface datum, Aug. 13, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	9.69	MAY 14	9.24	AUG 13	5.77

342151088240401. Local number, D046. (USCE P501B)

LOCATION.--Lat 34°21'51", long 88°24'04", Hydrologic Unit 03160101, SE¼SE¼ sec.24, T.8 S., R.8 E., 6.75 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 152 ft.

DATUM.--Land-surface datum is 308.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.05 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.03 ft below land-surface datum, Feb. 27, 1987; lowest measured, 7.78 ft below land-surface datum, AUG. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	6.83	FEB 27	6.03	MAY 14	6.90	AUG 13	7.65

342301088230101. Local number, E005. (USCE 65A)

LOCATION.--Lat 34°23'01", long 88°23'01", Hydrologic Unit 03160101, NE¼SE¼ sec.18, T.8 S., R.9 E., 7.1 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 130 ft, cased to 110 ft.

DATUM.--Land-surface datum is about 325 ft National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 5.5 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--September 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level indicated, flowing >5 ft above land-surface datum, many days in April, September and October 1978; lowest recorded, 47.42 ft below land-surface datum, Aug. 16, 1982.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	1.56	FEB 26	2.08	MAY 14	1.81	AUG 13	1.19

342311088222501. Local number, E009. (USCE GW113)

LOCATION.--Lat 34°23'11", long 88°22'25", Hydrologic Unit 03160101, SW¼NE¼ sec.17, T.8 S., R.9 E., 8 mi northeast of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 26 ft.

DATUM.--Land-surface datum is 329.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.95 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.53 ft below land-surface datum, Dec. 11, 1986; lowest measured, 17.48 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	13.53	FEB 26	14.26	MAY 14	15.77	AUG 13	17.03

ITAWAMBA COUNTY--Continued

342301088230201. Local number, E010. (USCE GW114)

LOCATION.--Lat 34°23'01", long 88°23'02", Hydrologic Unit 03160101, NE¼SE¼ sec.18, T.8 S., R.9 E., 7.75 mi northeast of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 12 ft.

DATUM.--Land-surface datum is 311.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.65 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.91 ft below land-surface datum, Dec. 11, 1986; lowest measured, 7.65 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	2.91	FEB 26	3.57	MAY 14	4.76	AUG 13	7.24

342137088231801. Local number, E011 (USCE P503B)

LOCATION.--Lat 34°21'37", long 88°23'18", Hydrologic Unit 03160101, NW¼NE¼ sec.30, T.8 S., R.9 E., 6.25 mi northeast of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 221 ft.

DATUM.--Land-surface datum is about 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.85 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 97.10 ft below land-surface datum, Feb. 27, 1987; lowest measured, 99.89 ft below land-surface datum, Aug. 6, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	97.43	FEB 27	97.10	MAY 14	97.76	AUG 13	99.69

341610088264801. Local number, G065. (USCE 67A)

LOCATION.--Lat 34°16'10", long 88°26'48", Hydrologic Unit 03160101, SW¼SE¼ sec.27, T.9 S., R.8 E., 2 mi west of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 179 ft, cased to 169 ft.

DATUM.--Land-surface datum is about 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.63 ft above land-surface datum, May 17, 1979; lowest measured, 23.21 ft below land-surface datum, Feb. 10, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	3.86	MAR 3	2.50	MAY 18	2.04	AUG 18	1.55

341610088264802. Local number, G066. (USCE 67B)

LOCATION.--Lat 34°16'10", long 88°26'48", Hydrologic Unit 03160101, SW¼SE¼ sec.27, T.9 S., R.8 E., 2 mi west of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 71 ft, cased to 61 ft.

DATUM.--Land-surface datum is about 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.42 ft below land-surface datum, May 17, 1979; lowest measured, 19.62 ft below land-surface datum, Oct. 24, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	OBST	MAR 3	12.55	MAY 18	17.98	AUG 18	19.33

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

341604088244601. Local number, G067. (USCE GW1068)

LOCATION.--Lat 34°16'04", long 88°24'46", Hydrologic Unit 03160101, SW¼SE¼ sec.25, T.9 S., R.8 E., in Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 175 ft, cased to 165 ft.

DATUM.--Land-surface datum is about 284 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.17 ft below land-surface datum, June 8, 1978; lowest measured, 44.16 ft below land-surface datum, Oct. 2, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	12.51	FEB 27	11.88	MAY 14	14.18	AUG 14	14.89

341604088244602. Local number, G068. (USCE GW106A)

LOCATION.--Lat 34°16'04", long 88°24'46", Hydrologic Unit 03160101, SW¼SE¼ sec.25, T.9 S., R.8 E., in Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2 in, depth 10 ft, cased to 5 ft.

DATUM.--Land-surface datum is about 290 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.8 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.46 ft above land-surface datum, Feb. 27, 1987; lowest measured, 0.95 ft below land-surface datum, Jan. 29, 1985.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	1.12	FEB 27	1.46	MAY 14	-0.01	AUG 14	-0.65

341621088255001. Local number, G070. (USCE GW104C)

LOCATION.--Lat 34°16'21", long 88°25'50", Hydrologic Unit 03160101, NW¼SW¼ sec.26, T.9 S., R.8 E., 1.5 mi west of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 24 ft, cased to 19 ft.

DATUM.--Land-surface datum is about 260 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--February 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.14 ft above land-surface datum, Mar. 3, 1987; lowest measured, 4.78 ft below land-surface datum, Aug. 28, 1984.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.22	MAR 3	3.14	MAY 14	1.85	AUG 17	0.85

341627088250201. Local number, G072. (USCE C38)

LOCATION.--Lat 34°16'27", long 88°25'02", Hydrologic Unit 03160101, SW¼NW¼ sec.25, T.9 S., R.8 E., 0.75 mi west of center of Fulton on U. S. Highway 78.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 33 ft.

DATUM.--Land-surface datum is 263.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 5.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.76 ft above land-surface datum, Feb. 27, 1987; lowest measured, 1.00 ft below land-surface datum, May 1, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	1.64	FEB 27	1.76	MAY 14	0.52	AUG 14	-0.30

ITAWAMBA COUNTY--Continued

341527088250001. Local number, G074. (USCE GW104A)

LOCATION.--Lat 34°15'27", long 88°25'00", Hydrologic Unit 03160101, NE¼SW¼ sec.36, T.9 S., R.8 E., 1 mi south of U. S. Highway 78 in Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 88 ft.

DATUM.--Land-surface datum is about 290 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.0 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 17.55 ft below land-surface datum, Feb. 27, 1987; lowest measured, 25.80 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	18.30	FEB 27	17.55	MAY 14	18.53	AUG 14	19.49

341527088250002. Local number, G075. (USCE GW104B)

LOCATION.--Lat 34°15'27", long 88°25'00", Hydrologic Unit 03160101, NE¼SW¼ sec.36, T.9 S., R.8 E., 1.5 mi south of old U. S. Highway 78 in Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 138 ft.

DATUM.--Land-surface datum is about 290 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.1 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.64 ft below land-surface datum, Feb. 27, 1987; lowest measured, 22.00 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	15.05	FEB 27	14.64	MAY 14	16.01	AUG 14	16.95

341518088263001. Local number, G076. (USCE GW105)

LOCATION.--Lat 34°15'18", long 88°26'30", Hydrologic Unit 03160101, NE¼SE¼ sec.34, T.9 S., R.8 E., 2.2 mi southwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 29 ft.

DATUM.--Land-surface datum is 254.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.8 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest level measured, 0.10 ft above land-surface datum, Dec. 15, 1986; lowest measured, 6.89 ft below land-surface datum, Aug. 17, 1987.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	0.10	MAY 15	-1.08	AUG 17	-6.89

341602088265001. Local number, G077. (USCE GW107)

LOCATION.--Lat 34°16'02", long 88°26'50", Hydrologic Unit 03160101, SW¼SE¼ sec.27, T.9 S., R.8 E., 2.3 mi west of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 31 ft.

DATUM.--Land-surface datum is 273.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.05 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.21 ft below land-surface datum, Mar. 3, 1987; lowest measured, 18.50 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	14.03	MAR 3	12.21	MAY 18	17.05	AUG 18	18.50

ITAWAMBA COUNTY--Continued

341759088245401. Local number, G078. (USCE GW108)

LOCATION.--Lat 34°17'59", long 88°24'54", Hydrologic Unit 03160101, NE¼SW¼ sec.13, T.9 S., R.8 E., 2.25 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 14 ft.

DATUM.--Land-surface datum is 284.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.30 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.58 ft below land-surface datum, Mar. 5, 1985; lowest measured, 4.08 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	2.51	FEB 27	1.59	MAY 14	2.55	AUG 13	3.67

341759088245402. Local number, G079. (USCE GW108B)

LOCATION.--Lat 34°17'59", long 88°24'54", Hydrologic Unit 03160101, NE¼SW¼ sec.13, T.9 S., R.8 E., 2.25 mi north of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 150 ft.

DATUM.--Land-surface datum is 284.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.36 ft below land-surface datum, Feb. 26, 1986; lowest measured, 4.80 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	1.38	FEB 27	0.85	MAY 14	2.91	AUG 13	3.53

341754088272001. Local number, G080. (USCE GW109)

LOCATION.--Lat 34°17'54", long 88°27'20", Hydrologic Unit 03160101, NW¼SW¼ sec.15, T.9 S., R.8 E., 3.2 mi northwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 24 ft.

DATUM.--Land-surface datum is 278.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.1 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.80 ft below land-surface datum, Mar. 3, 1987; lowest measured, 5.34 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	2.32	MAR 3	1.80	MAY 18	3.53	AUG 18	5.22

341754088272002. Local number, G081. (USCE GW109B)

LOCATION.--Lat 34°17'54", long 88°27'20", Hydrologic Unit 03160101, NW¼SW¼ sec.15, T.9 S., R.8 E., 3 mi northwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 198 ft.

DATUM.--Land-surface datum is 278.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 5.6 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.75 ft above land-surface datum, Mar. 6, 1985; lowest measured, 0.50 ft above land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.49	MAR 3	2.16	MAY 18	1.90	AUG 18	0.85

ITAWAMBA COUNTY--Continued

341934088260101. Local number, G082. (USCE GW111)

LOCATION.--Lat 34°19'34", long 88°26'01", Hydrologic Unit 03160101, SE¼SW¼ sec.2, T.9 S., R.8 E., 4 mi northwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 35 ft.

DATUM.--Land-surface datum is 270.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.90 ft below land-surface datum, Dec. 16, 1986; lowest measured, 8.98 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL
DEC 16	4.90

341948088271301. Local number, G083. (USCE GW112)

LOCATION.--Lat 34°19'48", long 88°27'13", Hydrologic Unit 03160101, NW¼SW¼ sec.3, T.9 S., R.8 E., 4.7 mi northwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 24 ft.

DATUM.--Land-surface datum is 292.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.1 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.57 ft below land-surface datum, Dec. 2, 1985; lowest measured, 2.52 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	0.75	MAR 3	0.58	MAY 18	1.73	AUG 18	2.06

341527088245401. Local number, G084. (USCE GW104)

LOCATION.--Lat 34°15'27", long 88°24'54", Hydrologic Unit 03160101, SW¼NW¼ sec.36, T.9 S., R.8 E., 1.2 mi south of U. S. Highway 78 in Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 26 ft.

DATUM.--Land-surface datum is about 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.01 ft below land-surface datum, Feb. 27, 1987; lowest measured, 10.15 ft below land-surface datum, Aug. 14, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	4.68	FEB 27	4.01	MAY 14	9.11	AUG 14	10.15

341221088244101. Local number, K039. (USCE 71A)

LOCATION.--Lat 34°14'25", long 88°19'31", Hydrologic Unit 03160101, NE¼NW¼ sec.24, T.10 S., R.8 E., 4.6 mi southwest of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 170 ft, cased to 150 ft.

DATUM.--Land-surface datum is about 273 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.24 ft below land-surface datum, Mar. 10, 1976; lowest measured, 17.49 ft below land-surface datum, Nov. 17, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	9.03	MAR 3	7.88	MAY 15	8.82	AUG 18	10.35

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--continued

341215088242801. Local number, K041. (USCE GW100)

LOCATION.--Lat 34°12'15", long 88°24'28", Hydrologic Unit 03160101, NE¼NE¼ sec.24, T.10 S., R.8 E., 3.1 mi south of U.S. Highway 78 at Peppertown.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 21 ft.

DATUM.--Land-surface datum is 269.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.22 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.17 ft below land-surface datum, Mar. 3, 1987; lowest measured, 11.30 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	3.43	MAR 3	2.17	MAY 15	8.93	AUG 18	11.30

341356088243601. Local number, K042. (USCE BF179-75)

LOCATION.--Lat 34°13'56", long 88°24'36", Hydrologic Unit 03160101, NE¼NE¼ sec.12, T.10 S., R.8 E., 3 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2.0 in, depth 46 ft.

DATUM.--Land-surface datum is about 250 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 3.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.39 ft above land-surface datum, Mar. 3, 1987; lowest measured, 5.70 ft above land-surface datum, Aug. 25, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	7.97	MAR 3	12.39	MAY 18	7.75	AUG 14	6.70

341232088225302. Local number, L014. (USCE 74A)

LOCATION.--Lat 34°12'32", long 88°22'53", Hydrologic Unit 03160101, SW¼SW¼ sec.17, T.10 S., R.9 E., 4.3 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 150 ft, cased to 130 ft.

DATUM.--Land-surface datum is about 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.63 ft below land-surface datum, Mar. 14, 1975; lowest recorded 24.04 ft below land-surface datum, Oct. 20, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	14.50	MAR 3	13.56	MAY 18	15.20	AUG 19	16.79

341232088222801. Local number, L016. (USCE 75A)

LOCATION.--Lat 34°12'32", long 88°22'28", Hydrologic Unit 03160101, SW¼SE¼ sec.17, T.10 S., R.9 E., 4.8 mi south-east of Fulton.

Owner: U.S. Army Corps of Engineers

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 144 ft, cased to 124 ft.

DATUM.--Land-surface datum is about 300 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.12 ft below land-surface datum, Apr. 25, 1973; lowest measured, 33.49 ft below land-surface datum, Nov. 17, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	24.62	MAR 3	23.69	MAY 18	25.47	AUG 19	27.07

ITAWAMBA COUNTY--Continued

341235088233801. Local number, L017. (USCE 72A)

LOCATION.--Lat 34°12'35", long 88°23'38", Hydrologic Unit 03160101, NW¼SE¼ sec.18, T.10 S., R.9 E., 4.2 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 21 ft, cased to 16 ft.

DATUM.--Land-surface datum is about 249 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.6 ft.

PERIOD OF RECORD.--September 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.0 ft above land-surface datum, Feb. 9, 1975; lowest measured, 5.01 ft below land-surface datum, Oct. 24, 1978.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	2.18	MAY 15	0.35	AUG 18	-3.63

341232088225301. Local number, L019. (USCE 74B)

LOCATION.--Lat 34°12'32", long 88°22'53", Hydrologic Unit 03160101, SW¼SW¼ sec.17, T.10 S., R.9 E., 4.3 mi south of Fulton.

Owner: Sarge Benson.

AQUIFER.--Terraces, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Dug unused water-table well, diameter 24 in, depth 16 ft, cased to 16 ft.

DATUM.--Land-surface datum is about 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--January 1973 to May 1985 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.48 ft below land-surface datum, Jan. 23, 1973; lowest measured, 17.81 ft below land-surface datum, Nov. 28, 1984.

341151088231301. Local number, L021. (USCE 8F170-75)

LOCATION.--Lat 34°11'51", long 88°23'13", Hydrologic Unit 03160101, NE¼SE¼ sec.19, T.10 S., R.9 E., 4 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 67 ft.

DATUM.--Land-surface datum is 247.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 5.0 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.98 ft above land-surface datum, May 20, 1985; lowest measured, 2.29 ft above land-surface datum Aug. 8, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	2.42	MAR 3	2.54	MAY 18	4.54	AUG 19	3.22

341233088234701. Local number, L022. (USCE 8F173-75)

LOCATION.--Lat 34°12'33", long 88°23'47", Hydrologic Unit 03160101, NE¼SE¼ sec.18, T.10 S., R.9 E., 4 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 51 ft.

DATUM.--Land-surface datum is 252.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.3 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.30 ft above land-surface datum, Dec. 4, 1985, Feb. 26, 1986 and Dec. 12, 1986; lowest measured, 0.20 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	3.30	MAR 3	3.19	MAY 18	2.27	AUG 19	0.30

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

341230088223201. Local number, L023. (USCE GW99)

LOCATION.--Lat 34°12'30", long 88°22'32", Hydrologic Unit 03160101, SW¼SE¼ sec.17, T.10 S., R.9 E., 5 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 30 ft.

DATUM.--Land-surface datum is 282.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.51 ft below land-surface datum, Mar. 3, 1987; lowest measured, 7.42 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	1.89	MAR 3	1.51	MAY 18	4.35	AUG 19	7.42

341340088234101. Local number, L024. (USCE GW100A)

LOCATION.--Lat 34°13'40", long 88°23'41", Hydrologic Unit 03160101, NW¼NW¼ sec.18, T.10 S., R.9 E., 3.75 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 32 ft.

DATUM.--Land-surface datum is about 255 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.2 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.02 ft below land-surface datum, Dec. 12, 1986; lowest measured, 10.16 ft below land-surface datum, Aug. 14, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	6.02	MAR 3	6.11	MAY 18	8.06	AUG 14	10.16

341417088234601. Local number, L025. (USCE GW101)

LOCATION.--Lat 34°14'17", long 88°23'46", Hydrologic Unit 03160101, SE¼SW¼ sec.6, T.10 S., R.9 E., 2.5 mi southeast of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 21 ft.

DATUM.--Land-surface datum is 304.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.51 ft below land-surface datum, Mar. 3, 1987; lowest measured, 7.26 ft below land-surface datum, Aug. 8, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	3.14	MAR 3	2.51	MAY 18	4.31	AUG 14	5.92

341412088241601. Local number, L026. (USCE GW102)

LOCATION.--Lat 34°14'12", long 88°24'16", Hydrologic Unit 03160101, SE¼SE¼ sec.1, T.10 S., R.8 E., 2.5 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 21 ft.

DATUM.--Land-surface datum is 277.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.55 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.34 ft below land-surface datum, Dec. 12, 1986; lowest measured, 8.73 ft below land-surface datum, Aug. 8, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	2.34	MAR 3	2.63	MAY 18	5.86	AUG 14	8.35

ITAWAMBA COUNTY--Continued

34054408825201. Local number, N028. (USCE 81A)

LOCATION.--Lat 34°05'44", long 88°25'52", Hydrologic Unit 03160101, NE¼SW¼ sec.26, T.11 S., R.8 E., 12.3 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 180 ft, cased to 170 ft.

DATUM.--Land-surface datum is about 246 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.85 ft below land-surface datum, Mar. 10, 1976; lowest measured, 22.60 ft below land-surface datum, Nov. 5, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	11.52	MAR 3	10.61	MAY 15	10.58	AUG 18	12.37

340649088252401. Local number, N029. (USCE GW95A)

LOCATION.--Lat 34°06'49", long 88°25'24", Hydrologic Unit 03160101, SE¼NE¼ sec.23, T.11 S., R.8 E., 3.5 mi north-west of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 35 ft.

DATUM.--Land-surface datum is 242.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 2.49 ft below land-surface datum, Mar. 3, 1987; lowest measured, 7.62 ft below land-surface datum, Aug. 8, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	2.80	MAR 3	2.49	MAY 15	4.87	AUG 18	7.17

340056088282901. Local number, 0010. (USCE GW94)

LOCATION.--Lat 34°00'56", long 88°28'29", Hydrologic Unit 03160101, SE¼SE¼ sec.20, T.11 S., R.9 E., 1.5 mi north of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 23 ft.

DATUM.--Land-surface datum is about 278 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.7 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.40 ft below land-surface datum, May 20, 1985; lowest measured, dry, Aug. 28, 1985, Dec. 12, 1986, and Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	DRY	MAR 4	DRY	MAY 18	19.85	AUG 19	DRY

340705088225801. Local number, 0011. (USCE GW95)

LOCATION.--Lat 34°07'05", long 88°22'58", Hydrologic Unit 03160101, SW¼SW¼ sec.17, T.11 S., R.9 E., 3.0 mi north of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 29 ft.

DATUM.--Land-surface datum is 325.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.89 ft below land-surface datum, May 18, 1987; lowest measured, 21.87 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	20.92	MAR 4	20.09	MAY 18	19.89	AUG 19	20.75

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

340724088232301. Local number, 0012. (USCE GW96)

LOCATION.--Lat 34°07'24", long 88°23'23", Hydrologic Unit 03160101, NW¼SE¼ sec.18, T.11 S., R.9 E., 4 mi north of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 23 ft.

DATUM.--Land-surface datum is 262.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.9 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.73 ft below land-surface datum, Mar. 4, 1987; lowest measured, 14.64 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	9.23	MAR 4	6.73	MAY 18	13.55	AUG 19	14.64

340017088270201. Local number, 0013. (USCE GW96A)

LOCATION.--Lat 34°00'17", long 88°27'02", Hydrologic Unit 03160101, SW¼NW¼ sec.20, T.11 S., R.9 E., 4.4 mi north of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 24 ft.

DATUM.--Land-surface datum is 238.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.09 ft below land-surface datum, Dec. 15, 1986; lowest measured, 6.47 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	2.09	MAY 15	4.27	AUG 18	6.47

340941088240901. Local number, 0015. (USCE GW98)

LOCATION.--Lat 34°09'41", long 88°24'09", Hydrologic Unit 03160101, SW¼SW¼ sec.31, T.10 S., R.9 E., 4.75 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 23 ft.

DATUM.--Land-surface datum is 267.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.39 ft below land-surface datum, Mar. 3, 1987; lowest measured, 7.50 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15	1.50	MAR 3	1.39	MAY 15	4.38	AUG 18	7.50

340848088224901. Local number, 0016. (USCE BF165-75)

LOCATION.--Lat 34°08'48", long 88°22'49", Hydrologic Unit 03160101, SW¼SW¼ sec.5, T.11 S., R.9 E., 10.5 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2.0 in, depth 50 ft.

DATUM.--Land-surface datum is 250 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 7.65 ft above land-surface datum.

PERIOD OF RECORD.--March 1985 to May 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.50 ft above land-surface datum, Mar. 3, 1987; lowest measured, 3.52 ft above land-surface datum, Aug. 28, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	5.97	MAR 3	6.50	MAY 18	4.78

ITAWAMBA COUNTY--Continued

340849088230501. Local number, 0017. (USCE 854-73)

LOCATION.--Lat 34°08'49", long 88°23'05", Hydrologic Unit 03160101, SW¼SW¼ sec.5, T.11 S., R.9 E., 10.5 mi south of Fulton.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 27 ft.

DATUM.--Land-surface datum is about 240 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 5.15 ft above land-surface datum.

PERIOD OF RECORD.--March 1985 to May 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.27 ft above land-surface datum, Mar. 3, 1987; lowest measured, 1.60 ft above land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 12	2.22	MAR 3	2.27	MAY 18	1.75

LOWNDES COUNTY

333307088281801. Local number, C130. (USCE GW42)

LOCATION.--Lat 33°33'07", long 88°28'18", Hydrologic Unit 03160105, SE¼SE¼ sec.25, T.18 S., R.19 W.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 32 ft.

DATUM.--Land-surface datum is 168.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--February 1985 to August 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.20 ft below land-surface datum, Feb. 13, 1985; lowest measured, 4.55 ft below land-surface datum, Aug. 13, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	2.88	MAR 6	2.28	MAY 20	2.97	AUG 20	4.12

333609088272801. Local number, C131. (USCE GW45)

LOCATION.--Lat 33°36'09", long 88°27'28", Hydrologic Unit 03160101, SW¼NE¼ sec.7, T.17 S., R.19 W., 7.75 mi north of Columbus.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 22 ft.

DATUM.--Land-surface datum is 198.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--February 1985 to August 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.97 ft below land-surface datum, Mar. 6, 1987; lowest measured, 10.34 ft below land-surface datum, Aug. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	8.91	MAR 6	7.97	MAY 20	8.80	AUG 20	10.34

332935088282001. Local number, F073. (USCE TTM2A)

LOCATION.--Lat 33°29'35", long 88°28'20", Hydrologic Unit 03160101, NE¼NW¼ sec.25, T.19 N., R.17 E., 2.3 mi west of Columbus.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 162 ft, cased to 152 ft.

DATUM.--Land-surface datum is about 160 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.8 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to August 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.16 ft below land-surface datum, June 4, 1975; lowest measured, 27.64 ft below land-surface datum, Aug. 26, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	25.58	MAR 6	24.86	MAY 20	24.78	AUG 20	24.85

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

LOWNDES COUNTY--Continued

332935088282002. Local number, F074. (USCE TTM2B)

LOCATION.--Lat 33°29'35", long 88°28'20", Hydrologic Unit 03160101, NE¼SW¼ sec.25, T.19 N., R.17 E., 2.3 mi west of Columbus.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 19 ft, cased to 9 ft.

DATUM.--Land-surface datum is about 160 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.3 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to August 1987 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.14 ft below land-surface datum, Mar. 7, 1983; lowest measured, dry, Feb. 11, 1981, Dec. 6, 1985, Feb. 28, 1986, Aug. 14, 1986, and Dec. 18, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	DRY	MAR 6	15.97	MAY 20	17.10	AUG 20	18.45

MONROE COUNTY

332900088313601. Local number, B068. (USCE APF58)

LOCATION.--Lat 33°29'00", long 88°31'36", Hydrologic Unit 03160101, NE¼NW¼ sec.34, T.12 S., R.19 W., 2 mi west of Amory on State Highway 278.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2.0 in, depth 60 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.75 ft below land-surface datum, May 20, 1987; lowest measured, 18.27 ft below land-surface datum, Aug. 27, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	17.34	MAR 5	16.97	MAY 20	16.75	AUG 19	16.83

340504088241101. Local number, C051. (USCE 84A)

LOCATION.--Lat 34°05'04", long 88°24'11", Hydrologic Unit 03160101, NW¼NW¼ sec.36, T.11 S., R.8 E., 6 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 170 ft, cased to 150 ft.

DATUM.--Land-surface datum is about 234 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.8 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.04 ft above land-surface datum, Aug. 2, 1977; lowest measured, 7.63 ft below land-surface datum, Feb. 1, 1979.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	0.58	MAR 4	2.09	MAY 19	2.05	AUG 18	1.50

340504088241102. Local number, C052. (USCE 84B)

LOCATION.--Lat 34°05'04", long 88°14'11", Hydrologic Unit 03160101, NW¼NW¼ sec.36, T.11 S., R.8 E., 6 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 110 ft, cased to 100 ft.

DATUM.--Land-surface datum is about 234 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 14.66 ft above land-surface datum, Aug. 2, 1977; lowest measured, 12.64 ft below land-surface datum, Feb. 11, 1981.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	4.50	MAR 4	3.92	MAY 19	3.13	AUG 18	3.40

MONROE COUNTY--Continued

340504088241103. Local number, C053. (USCE 84C)

LOCATION.--Lat 34°05'04", long 88°24'11", Hydrologic Unit 03160101, NW¼NW¼ sec.36, T.11 S., R.8 E., 6 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 27 ft, cased to 7 ft.

DATUM.--Land-surface datum is about 234 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.3 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.52 ft above land-surface datum, Dec. 16, 1986; lowest measured, 9.17 ft below land-surface datum, Nov. 17, 1981.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.52	MAR 4	0.14	MAY 19	0.12	AUG 18	-2.67

340454088250401. Local number, C054. (USCE 85A)

LOCATION.--Lat 34°04'54", long 88°25'04", Hydrologic Unit 03160101, SW¼NW¼ sec.36, T.11 S., R.8 E., 6.0 mi north-east of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 21 ft, cased to 11 ft.

DATUM.--Land-surface datum is about 235 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.17 ft below land-surface datum, Jan. 23, 1973; lowest measured, 8.72 ft below land-surface datum, Oct. 24, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	2.49	MAR 4	1.11	MAY 19	1.35	AUG 18	4.15

340409088243801. Local number, C057. (USCE 89A)

LOCATION.--Lat 34°04'09", long 88°24'38", Hydrologic Unit 03160101, SW¼NE¼ sec.1, T.12 S., R.8 E., 5.9 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 166 ft, cased to 146 ft.

DATUM.--Land-surface datum is about 245 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.65 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.48 ft above land-surface datum, Apr. 26, 1973; lowest measured, 35.35 ft below land-surface datum, Feb. 12, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	8.54	MAR 4	7.60	MAY 19	8.30	AUG 19	9.35

340409088243802. Local number, C058. (USCE 89B)

LOCATION.--Lat 34°04'09", long 88°24'38", Hydrologic Unit 03160101, SW¼NE¼ sec.1, T.12 S., R.8 E., 5.9 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan sand member of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 45 ft, cased to 40 ft.

DATUM.--Land-surface datum is about 245 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.94 ft above land-surface datum, Mar. 4, 1987; lowest measured, 10.03 ft below land-surface datum, Aug. 27, 1980.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	0.83	MAR 4	0.94	MAY 19	0.77	AUG 19	0.68

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

340054088281801. Local number, C059. (USCE 95A)

LOCATION.--Lat 34°00'54", long 88°28'18", Hydrologic Unit 03160101, SW¼SW¼ sec.21, T.12 S., R.8 S., 0.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 166 ft, cased to 156 ft.

DATUM.--Land-surface datum is about 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to August 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.09 ft above land-surface datum, March 22, 1973; lowest measured, 16.45 ft below land-surface datum, Feb. 13, 1981.

NOTE: No measurement made in 1987 (destroyed).

340018088270701. Local number, C060. (USCE 96A)

LOCATION.--Lat 34°00'18", long 88°27'07", Hydrologic Unit 03160101, NW¼SE¼ sec.20, T.12 S., R.18 W., 0.8 mi north-east of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 164 ft, cased to 154 ft.

DATUM.--Land-surface datum is about 253 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to August 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.92 ft below land-surface datum, Apr. 26, 1973; lowest measured, 35.57 ft below land-surface datum, Feb. 12, 1981.

NOTE: No measurement made in 1987 (destroyed).

340149088292201. Local number, C061. (USCE 91A)

LOCATION.--Lat 34°01'49", long 88°29'22", Hydrologic Unit 03160101, SW¼SW¼ sec.17, T.12 S., R.8 E.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan sand member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 88 ft.

DATUM.--Land-surface datum is about 218 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 2.10 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to May 1977, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.52 ft above land-surface datum, Feb. 9, 1975; lowest measured, 7.99 ft below land-surface datum, Aug. 7, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	3.29	MAR 4	2.80	MAY 19	3.12	AUG 19	3.35

340115088292101. Local number, C062. (USCE 92A)

LOCATION.--Lat 34°01'15", long 88°29'21", Hydrologic Unit 03160101, NW¼SW¼ sec.20, T.12 S., R.8 E.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 200 ft.

DATUM.--Land-surface datum is about 216 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.85 ft above land-surface datum.

PERIOD OF RECORD.--October 1972 to May 1977, May 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.73 ft above land-surface datum, Mar. 22, 1973; lowest measured, 3.76 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.62	MAR 4	0.56	MAY 19	1.75	AUG 18	3.27

340054088281802. Local number, C067. (USCE 95B)

LOCATION.--Lat 34°00'54", long 88°28'18", Hydrologic Unit 03160101, SW¼SW¼ sec.21, T.12 S., R.8 E., 0.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in depth 20 ft, cased to 10 ft.

DATUM.--Land-surface datum is about 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.65 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to August 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.26 ft below land-surface datum, May 15, 1984; lowest measured, 9.97 ft below land-surface datum, Aug. 27, 1980.

NOTE: No measurement made in 1987 (destroyed).

MONROE COUNTY--Continued

340115088292102. Local number, C068. (USCE 92B)

LOCATION.--Lat 34°01'15", long 88°29'21", Hydrologic Unit 03160101, NW¼SW¼ sec.20, T.12 S., R.8 E.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4.0 in, depth 19 ft.

DATUM.--Land-surface datum is about 216 ft above National Geodetic Vertical of 1929. Measuring point: Top of 4-in pipe, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--September 1972 to May 1977, May 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.28 ft above land-surface datum; Jan. 23, 1973; lowest measured, 10.81 ft below land-surface datum, Sept. 1, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	2.58	MAR 4	0.55	MAY 19	3.10	AUG 18	6.78

340149088292202. Local number, C069. (USCE 91B)

LOCATION.--Lat 34°01'49", long 88°29'22", Hydrologic Unit 03160101, SW¼SW¼ sec.17, T.12 S., R.8 E.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4.0 in, depth 20 ft.

DATUM.--Land-surface datum is about 218 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.05 ft above land-surface datum.

PERIOD OF RECORD.--October 1972 to May 1977, February to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.10 ft below land-surface datum, Mar. 22, 1973; lowest measured, 13.03 ft below land-surface datum, Nov. 9, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	8.20	MAR 4	5.66	MAY 19	6.70	AUG 18	8.67

340018088270702. Local number, C070. (USCE 96B)

LOCATION.--Lat 34°00'18", long 88°27'07", Hydrologic Unit 03160101, SW¼SE¼ sec.20, T.12 S., R.18 W., 0.5 mi north of Amory.

Owner: Irma Tubbs.

AQUIFER.--Terraces, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Dug unused water table well, diameter 24 in, depth 16 ft.

DATUM.--Land-surface datum is about 257 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.9 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.10 ft below land-surface datum, Apr. 14, 1980; lowest measured, 12.10 ft below land-surface datum, Nov. 25, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	3.65	MAR 4	3.31	MAY 19	6.04	AUG 18	8.41

335902088314501. Local number, C080. (USCE TTM6A)

LOCATION.--Lat 33°59'02", long 88°31'45", Hydrologic Unit 03160101, NE¼NE¼ sec.33, T.13 S., R.19 W., 2 mi west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Tombigbee Sand Member of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 65 ft, cased to 55 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.0 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.62 ft below land-surface datum, Mar. 8, 1983; lowest measured, 13.71 ft below land-surface datum, Nov. 16, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	10.66	MAR 5	6.08	MAY 20	8.91	AUG 19	11.05

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

335902088314502. Local number, C081. (USCE TTM68)

LOCATION.--Lat 33°59'02", long 88°31'45", Hydrologic Unit 03160101, NE¼NE¼ sec.33, T.13 S., R.19 W., 2 mi west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 38 ft, cased to 28 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.0 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.36 ft below land-surface datum, Mar. 8, 1983; lowest measured, 12.82 ft below land-surface datum, Nov. 17, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	9.75	MAR 5	5.76	MAY 20	8.61	AUG 19	10.73

340054088292101. Local number, C085. (USCE A1A)

LOCATION.--Lat 34°00'54", long 88°29'21", Hydrologic Unit 03160101, SW¼SW¼ sec.20, T.12 S., R.8 E., 2.75 mi north-west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 5 ft.

DATUM.--Land-surface datum is about 215 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1-in pipe, 2.10 ft above land-surface datum.

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

EXTREMES OF PERIOD OF RECORD.--Highest water level measured, 0.51 ft above land-surface datum, Mar. 4, 1987; lowest measured, 1.05 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	0.47	MAR 4	0.51	MAY 19	0.08	AUG 18	-0.60

340052088291801. Local number, C086. (USCE A1)

LOCATION.--Lat 34°00'52", long 88°29'18", Hydrologic Unit 03160101, SW¼SW¼ sec.20, T.12 S., R.8 E., 2.75 mi north-west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 24 ft.

DATUM.--Land-surface datum is about 215 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.41 ft above land-surface datum, Feb. 27, 1986; lowest measured, 1.19 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.06	MAR 4	1.16	MAY 19	1.36	AUG 18	-0.75

340052088292001. Local number, C087. (USCE A2)

LOCATION.--Lat 34°00'52", long 88°29'20", Hydrologic Unit 03160101, NW¼NW¼ sec.29, T.12 S., R.8 E., 2.75 mi north-west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 29 ft.

DATUM.--Land-surface datum is about 215 ft above National Geodetic Vertical of 1929. Measuring point: Top of 1.5-in pipe, 3.16 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.84 ft above land-surface datum, Aug. 12, 1983; lowest measured, 1.84 ft below land-surface datum Aug. 12, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.29	MAR 4	1.40	MAY 19	0.87	AUG 18	-0.57

MONROE COUNTY--Continued

340051088291801. Local number, C088. (USCE A2A)

LOCATION.--Lat 34°00'51", long 88°29'18", Hydrologic Unit 03160101, NW¼NW¼ sec.29, T.12 S., R.8 E., 2.75 mi north-west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 5 ft.

DATUM.--Land-surface datum is about 215 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.70 ft above land-surface datum, Mar. 4, 1987; lowest measured, 1.25 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	-0.10	MAR 4	0.70	MAY 19	0.30	AUG 18	-0.80

340050088294901. Local number, C089. (USCE A3)

LOCATION.--Lat 34°00'50", long 88°29'49", Hydrologic Unit 03160101, NW¼NW¼ sec.29, T.12 S., R.8 E., 2.75 mi north-west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 25 ft.

DATUM.--Land-surface datum is about 215 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.43 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.28 ft below land-surface datum, Mar. 4, 1987; lowest measured, 5.39 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	0.93	MAR 4	0.28	MAY 19	1.20	AUG 18	4.19

340050088294902. Local number, C090. (USCE A3A)

LOCATION.--Lat 34°00'50", long 88°29'49", Hydrologic Unit 03160101, NW¼NW¼ sec.29, T.12 S., R.8 E., 1 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.0 in, depth 5 ft.

DATUM.--Land-surface datum is about 215 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1-in pipe, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 0.06 ft above land-surface datum, May 19, 1987; lowest measured, 0.67 ft below land-surface datum, May 16, 1985.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	-0.24	MAR 4	-0.02	MAY 19	0.06	AUG 18	-0.13

335842088300301. Local number, C092. (USCE GW80)

LOCATION.--Lat 33°58'42", long 88°30'03", Hydrologic Unit 03160101, SW¼NE¼ sec.35, T.12 S., R.19 W., 1 mi west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 33 ft.

DATUM.--Land-surface datum is 236.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 16.98 ft below land-surface datum, Mar. 5, 1987; lowest measured, 19.82 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	18.55	MAR 5	16.98	MAY 20	18.27

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

335830088284001. Local number, C093. (USCE GW81)

LOCATION.--Lat 33°58'30", long 88°28'40", Hydrologic Unit 03160101, NE¼SE¼ sec.36, T.12 S., R.19 W., 0.5 mi southeast intersection of State Highways 278 and 25.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 25 ft.

DATUM.--Land-surface datum is about 235.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 1.17 ft below land-surface datum, Feb. 14, 1985; lowest measured, 9.87 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.99	MAR 4	1.43	MAY 19	5.70	AUG 19	9.08

340010088292501. Local number, C094. (USCE GW83)

LOCATION.--Lat 34°00'10", long 88°29'25", Hydrologic Unit 03160101, SE¼SE¼ sec.30, T.12 S., R.8 E., 1.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 33 ft.

DATUM.--Land-surface datum is 213.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.90 ft below land-surface datum, Mar. 4, 1987; lowest measured, 5.14 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.45	MAR 4	0.90	MAY 19	2.14	AUG 18	3.66

340016088270001. Local number, C095. (USCE GW85)

LOCATION.--Lat 34°00'16", long 88°27'00", Hydrologic Unit 03160101, SW¼SE¼ sec.20, T.12 S., R.18 W., 2.5 mi north-east of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 26 ft.

DATUM.--Land-surface datum is 257.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.1 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.51 ft below land-surface datum, Mar. 4, 1987; lowest measured, 8.52 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.89	MAR 4	2.51	MAY 19	5.15	AUG 18	7.54

340049088275201. Local number, C096. (USCE GW86)

LOCATION.--Lat 34°00'49", long 88°27'52", Hydrologic Unit 03160101, NW¼NE¼ sec.19, T.12 S., R.18 W., 2.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 24 ft.

DATUM.--Land-surface datum is 247.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.65 ft below land-surface datum, Mar. 4, 1987; lowest measured, 8.74 ft below land-surface datum, Aug. 11, 1986 and Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.63	MAR 4	0.65	MAY 19	3.97	AUG 18	8.74

MONROE COUNTY--Continued

340121088275001. Local number, C097. (USCE GW86A)

LOCATION.--Lat 34°01'21", long 88°27'50", Hydrologic Unit 03160101, NE¼SW¼ sec.21, T.12 S., R.8 E., 3 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 31 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.95 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.34 ft below land-surface datum, Mar. 4, 1987; lowest measured, 2.39 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.42	MAR 4	1.34	MAY 19	1.61	AUG 18	2.39

340130088261501. Local number, C098. (USCE GW87)

LOCATION.--Lat 34°01'30", long 88°26'15", Hydrologic Unit 03160101, SE¼NW¼ sec.16, T.12 S., R.18 W., 4 mi northeast of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 30 ft.

DATUM.--Land-surface datum is 258.0 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.55 ft below land-surface datum, Feb. 14, 1985; lowest measured, 9.48 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	0.75	MAR 4	0.98	MAY 19	5.76	AUG 18	9.48

340201088270201. Local number, C099. (USCE GW88)

LOCATION.--Lat 34°02'01", long 88°27'02", Hydrologic Unit 03160101, SW¼SW¼ sec.15, T.12 S., R.8 E., 2.7 mi northeast of Amory High School.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 24 ft.

DATUM.--Land-surface datum is 244.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 1.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.86 ft below land-surface datum, Mar. 4, 1987; lowest measured, 12.85 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	11.37	MAR 4	10.86	MAY 19	11.75	AUG 18	12.85

340246088280001. Local number, C100. (USCE GW89)

LOCATION.--Lat 34°02'46", long 88°28'00", Hydrologic Unit 03160101, SE¼SW¼ sec.9, T.12 S., R.8 E., 4.75 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 30 ft.

DATUM.--Land-surface datum is 225.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.10 ft below land-surface datum, Feb. 14, 1985; lowest measured, 7.21 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	1.68	MAR 4	1.25	MAY 19	3.35	AUG 18	6.65

MONROE COUNTY--Continued

340238088244401. Local number, C101. (USCE GW90)

LOCATION.--Lat 34°02'38", long 88°24'44", Hydrologic Unit 03160101, NE¼NW¼ sec.13, T.12 S., R.8 E., 2.25 mi south of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 26 ft.

DATUM.--Land-surface datum is about 270 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.65 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.55 ft below land-surface datum, Mar. 4, 1987; lowest measured, 10.99 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	3.29	MAR 4	2.55	MAY 19	7.00	AUG 18	10.89

340307088252101. Local number, C102. (USCE GW91)

LOCATION.--Lat 34°03'07", long 88°25'21", Hydrologic Unit 03160101, SE¼NE¼ sec.11, T.12 S., R.8 E., 2 mi south of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 23 ft.

DATUM.--Land-surface datum is 261.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.07 ft below land-surface datum, Dec. 16, 1986; lowest measured, 13.17 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	7.07	MAR 4	8.53	MAY 19	12.53	AUG 19	13.17

340351088250801. Local number, C104. (USCE GW92A)

LOCATION.--Lat 34°03'51", long 88°25'08", Hydrologic Unit 03160101, NW¼SW¼ sec.1, T.12 S., R.8 E., 1.75 mi west of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 215 ft.

DATUM.--Land-surface datum is 257.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--February 1985 to August 1985 (discontinued).

EXTREME FOR PERIOD OF RECORD.--Highest water level measured, 23.49 ft below land-surface datum, May 17, 1985; lowest measured, 24.88 ft below land-surface datum, Aug. 28, 1985.

NOTE: No measurement made in 1987 (damaged beyond repair).

340351088250802. Local number, C105. (USCE GW92B)

LOCATION.--Lat 34°03'51", long 88°25'08", Hydrologic Unit 03160101, NW¼SW¼ sec.1, T.12 S., R.8 E., 1.5 mi west of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 122 ft.

DATUM.--Land-surface datum is 257.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.60 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.82 ft below land-surface datum, May 17, 1985; lowest measured, 25.13 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	24.26	MAR 4	23.57	MAY 19	23.93	AUG 19	24.85

MONROE COUNTY--Continued

340351088250803. Local number, C106. (USCE GW92C)

LOCATION.--Lat 34°03'51", long 88°25'08", Hydrologic Unit 03160101, NW¼SW¼ sec.1, T.12 S., R.8 E., 1.5 mi west of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 100 ft.

DATUM.--Land-surface datum is 257.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.67 ft below land-surface datum, May 17, 1985; lowest measured, 25.04 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	24.29	MAR 4	23.48	MAY 19	23.81	AUG 19	24.73

340017088290801. Local number, C107. (USCE LA2L)

LOCATION.--Lat 34°00'17", long 88°29'08", Hydrologic Unit 03160101, SW¼NW¼ sec.24, T.12 S., R.19 W., 0.7 mi west of Amory High School.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 147 ft.

DATUM.--Land-surface datum is about 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.04 ft below land-surface datum, May 16, 1985; lowest measured, 22.35 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	20.87	MAR 4	19.87	MAY 19	20.22	AUG 18	21.76

340017088290802. Local number, C108. (USCE LA2U)

LOCATION.--Lat 34°00'17", long 88°29'08", Hydrologic Unit 03160101, SW¼NW¼ sec.24, T.12 S., R.19 W., 0.7 mi west of Amory High School.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 67 ft.

DATUM.--Land-surface datum is about 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.30 ft below land-surface datum, Mar. 4, 1987; lowest measured, 22.20 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	20.88	MAR 4	20.30	MAY 19	21.88	AUG 18	22.20

335829088283901. Local number, C109. (USCE LA4L)

LOCATION.--Lat 33°58'29", long 88°28'39", Hydrologic Unit 03160101, NE¼SE¼ sec.36, T.12 S., R.19 W., 1.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 190 ft.

DATUM.--Land-surface datum is about 235 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.85 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.88 ft below land-surface datum, May 16, 1985; lowest measured, 37.30 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	35.37	MAR 4	34.98	MAY 19	35.37	AUG 19	36.63

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

335829088283902. Local number, C110. (USCE LA4U)

LOCATION.--Lat 33°58'29", long 88°28'39", Hydrologic Unit 03160101, NE¼SE¼ sec.36, T.12 S., R.19 W., 1.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 122 ft.

DATUM.--Land-surface datum is about 235 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.85 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.82 ft below land-surface datum, Mar. 4, 1987; lowest measured, 12.32 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	6.47	MAR 4	4.82	MAY 19	8.98	AUG 19	12.05

340009088293701. Local number, C111. (USCE LA5L)

LOCATION.--Lat 34°00'09", long 88°29'37", Hydrologic Unit 03160101, SW¼SE¼ sec.30, T.12 S., R.8 E., 1.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 205 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.00 ft below land-surface datum, May 16, 1985; lowest measured, 7.74 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	5.97	MAR 4	5.16	MAY 19	5.20	AUG 18	7.51

340009088293702. Local number, C112. (USCE LA5U)

LOCATION.--Lat 34°00'09", long 88°29'37", Hydrologic Unit 03160101, SW¼SE¼ sec.30, T.12 S., R.8 E., 1.5 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 57 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.45 ft below land-surface datum, Feb. 14, 1985; lowest measured, 11.06 ft below land-surface datum, Aug. 18, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 16	7.78	MAR 4	7.12	MAY 19	8.85	AUG 18	11.06

340334088264601. Local number, C113. (USCE AF63)

LOCATION.--Lat 34°03'34", long 88°26'64", Hydrologic Unit 03160101, SW¼SE¼ sec.3, T.12 S., R.8 E., 4.1 mi southwest of Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2.0 in, depth 54 ft.

DATUM.--Land-surface datum is about 230 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.30 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.89 ft below land-surface datum, May 19, 1987; lowest measured, 4.04 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	3.57	MAR 4	3.06	MAY 19	2.89	AUG 19	3.80

MONROE COUNTY--Continued

340346088233801. Local number, D032. (USCE GW92)

LOCATION.--Lat 34°03'46", long 88°23'38", Hydrologic Unit 03160101, NE¼SW¼ sec.6, T.12 S., R.9 E., in Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 20 ft.

DATUM.--Land-surface datum is 266.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.6 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.66 ft below land-surface datum, Dec. 17, 1986; lowest measured, 8.74 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	0.66	MAR 4	1.10	MAY 19	3.91	AUG 19	8.74

340408088240601. Local number, D033. (USCE GW93A)

LOCATION.--Lat 34°04'08", long 88°24'06", Hydrologic Unit 03160101, SW¼NW¼ sec.6, T.12 S., R.9 E., in Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 178 ft.

DATUM.--Land-surface datum is 259.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.77 ft below land-surface datum, May 17, 1985; lowest measured, 17.80 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	16.18	MAR 4	14.99	MAY 19	16.19	AUG 19	17.47

340408088240602. Local number, D034. (USCE GW93B)

LOCATION.--Lat 34°04'08", long 88°24'06", Hydrologic Unit 03160101, SW¼NW¼ sec.6, T.12 S., R.9 E., in Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 102 ft.

DATUM.--Land-surface datum is 259.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.2 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.53 ft below land-surface datum, May 17, 1985; lowest measured, 17.57 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	15.88	MAR 4	14.67	MAY 19	15.93	AUG 19	17.19

340408088240603. Local number, D035. (USCE GW93C)

LOCATION.--Lat 34°04'08", long 88°24'06", Hydrologic Unit 03160101, SW¼NW¼ sec.6, T.12 S., R.9 E., in Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 20 ft.

DATUM.--Land-surface datum is 259.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.65 ft below land-surface datum, Feb. 14, 1985; lowest measured, 7.55 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.17	MAR 4	1.56	MAY 19	4.80	AUG 19	7.55

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

340420088240001. Local number, D036. (USCE GW94A)

LOCATION.--Lat 34°04'20", long 88°24'00", Hydrologic Unit 03160101, NW¼NW¼ sec.6, T.12 S., R.9 E., in Smithville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 27 ft.

DATUM.--Land-surface datum is about 255 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.27 ft below land-surface datum, Dec. 17, 1986; lowest measured, 4.20 ft below land-surface datum, Aug. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.27	MAR 4	2.36	MAY 19	2.98	AUG 19	4.19

335725088313501. Local number, G052. (USCE APF55)

LOCATION.--Lat 33°57'25", long 88°31'35", Hydrologic Unit 03160101, NE¼SW¼ sec.3, T.13 S., R.19 W., 2.75 mi south-west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 69 ft.

DATUM.--Land-surface datum is 205.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.14 ft below land-surface datum, Mar. 5, 1987; lowest measured, 13.12 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	11.42	MAR 5	10.14	MAY 20	12.12	AUG 19	12.85

335815088312601. Local number, G053. (USCE APF57)

LOCATION.--Lat 33°58'15", long 88°31'26", Hydrologic Unit 03160101, SE¼SW¼ sec.34, T.12 S., R.19 W., 2 mi southwest of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 50 ft.

DATUM.--Land-surface datum is 207.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.80 ft below land-surface datum, Mar. 5, 1987; lowest measured, 15.70 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	14.83	MAR 5	12.80	MAY 20	14.91	AUG 19	15.50

335353088312801. Local number, G054. (USCE GW73)

LOCATION.--Lat 33°53'53", long 88°31'28", Hydrologic Unit 03160101, SE¼SW¼ sec.27, T.13 S., R.7 E., 5.5 mi north-east of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 32 ft.

DATUM.--Land-surface datum is about 198 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.61 ft below land-surface datum, Feb. 13, 1985; lowest measured, 6.25 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.40	MAR 6	1.36	MAY 19	4.19	AUG 19	6.25

MONROE COUNTY--Continued

335337088293701. Local number, G055. (USCE GW74)

LOCATION.--Lat 33°53'37", long 88°29'37", Hydrologic Unit 03160101, SW¼NW¼ sec.36, T.13 S., R.19 W., 6 mi south of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 32 ft.

DATUM.--Land-surface datum is 214.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.25 ft below land-surface datum, Feb. 13, 1985; lowest measured, 11.29 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	8.61	MAR 4	8.34	MAY 19	9.90	AUG 19	11.29

335710088310501. Local number, G056. (USCE GW76)

LOCATION.--Lat 33°57'10", long 88°31'05", Hydrologic Unit 03160101, NW¼NE¼ sec.10, T.13 S., R.19 W., 3 mi southwest of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 45 ft.

DATUM.--Land-surface datum is 203.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.30 ft below land-surface datum, Feb. 13, 1985; lowest measured, 5.55 ft below land-surface datum, Aug. 13, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.55	MAR 4	1.37	MAY 19	3.01	AUG 19	4.79

335654088325401. Local number, G057. (USCE GW76A)

LOCATION.--Lat 33°56'54", long 88°32'54", Hydrologic Unit 03160101, NW¼SE¼ sec.15, T.13 S., R.7 E., 4.5 mi southwest of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 25 ft.

DATUM.--Land-surface datum is 202.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.00 ft below land-surface datum, Feb. 13, 1985; lowest measured, 4.25 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.36	MAR 5	1.30	MAY 20	2.77	AUG 19	4.12

335715088295601. Local number, G058 (USCE GW77)

LOCATION.--Lat 33°57'15", long 88°29'56", Hydrologic Unit 03160101, NE¼NE¼ sec.11, T.13 S., R.19 W., 2 mi southwest of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 46 ft.

DATUM.--Land-surface datum is 234.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.88 ft below land-surface datum, Mar. 4, 1987; lowest measured, 12.99 ft below land-surface datum, Aug. 13, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	11.01	MAR 4	7.88	MAY 19	10.81	AUG 19	12.15

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

335909088330501. Local number, G059. (USCE GW78)

LOCATION.--Lat 33°59'09", long 88°33'05", Hydrologic Unit 03160101, NE¼NW¼ sec.3, T.13 S., R.7 E., 4 mi west of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 36 ft.

DATUM.--Land-surface datum is 205.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.2 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.04 ft below land-surface datum, Feb. 14, 1985; lowest measured, 12.50 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	8.98	MAR 5	6.78	MAY 20	11.46	AUG 19	12.50

335456088300201. Local number, G060. (USCE GW75)

LOCATION.--Lat 33°54'56", long 88°30'02", Hydrologic Unit 03160101, NW¼SE¼ sec.23, T.13 S., R.19 W., 6 mi southwest of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 30 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 1.70 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.90 ft below land-surface datum, Feb. 13, 1985; lowest measured, 6.65 ft below land-surface datum, Aug. 13, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.64	MAR 4	1.71	MAY 19	4.88	AUG 19	6.12

335445088312501. Local number, H017. (USCE TTM5A)

LOCATION.--Lat 33°54'45", long 88°31'25", Hydrologic Unit 03160101, SE¼SW¼ sec.22, T.13 S., R.19 W., 6.4 mi north of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 90 ft, cased to 80 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.0 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to August 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.18 ft below land-surface datum, Mar. 8, 1983; lowest measurement, 15.15 ft below land-surface datum, Oct. 24, 1978.

NOTE: No measurement made in 1987 (destroyed).

335445088312502. Local number, H018. (USCE TTM5B)

LOCATION.--Lat 33°54'45", long 88°31'25", Hydrologic Unit 03160101, SE¼SW¼ sec.22, T.13 S., R.19 W., 6.4 mi north of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 26 ft, cased to 16 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.0 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.71 ft below land-surface datum, Mar. 8, 1983; lowest measured, 13.86 ft below land-surface datum, Nov. 17, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	7.20	MAR 4	4.63	MAY 19	7.91	AUG 19	10.04

MONROE COUNTY--Continued

335122088293001. Local number, L062. (USCE 105A)

LOCATION.--Lat 33°51'22", long 88°29'30", Hydrologic Unit 03160101, SW¼SW¼ sec.19, T.14 S., R.19 W., 3.7 mi north-east of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 64 ft, cased to 54 ft.

DATUM.--Land-surface datum is about 210 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 0.8 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.20 ft below land-surface datum, Mar. 22, 1973; lowest measured, 14.65 ft Nov. 15, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	9.65	MAR 4	6.59	MAY 20	10.25	AUG 19	13.50

335117088332801. Local number, L063. (USCE 101A)

LOCATION.--Lat 33°51'17", long 88°33'28", Hydrologic Unit 03610101, SW¼SW¼ sec.15, T.14 S., R.7 E., 2 mi north of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 90 ft, cased to 80 ft.

DATUM.--Land-surface datum is about 202 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.92 ft below land-surface datum, Mar. 22, 1973; lowest measured, 25.28 ft below land-surface datum, Oct. 24, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	20.68	MAR 5	16.11	MAY 20	19.07	AUG 19	22.44

335118088323201. Local number, L064. (USCE 102A)

LOCATION.--Lat 34°51'18", long 88°32'32", Hydrologic Unit 03160101, NW¼NW¼ sec.23, T.14 S., R.7 E., 2 mi north of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 50 ft, cased to 40 ft.

DATUM.--Land-surface datum is about 191 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.02 ft above land-surface datum, Mar. 22, 1973; lowest measured, 11.46 ft below land-surface datum, Oct. 19, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.00	MAR 5	OBST	MAY 20	1.64	AUG 19	3.88

335122088305201. Local number, L065. (USCE 104A)

LOCATION.--Lat 33°51'22", long 88°30'52", Hydrologic Unit 03160101, SE¼SE¼ sec.10, T.14 S., R.19 W., 2.3 mi north-east of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 55 ft, cased to 50 ft.

DATUM.--Land-surface datum is about 194 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.03 ft below land-surface datum, Mar. 4, 1987; lowest measured, 9.77 ft below land-surface datum, Oct. 24, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.51	MAR 4	1.03	MAY 19	3.28	AUG 19	5.62

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

335122088305202. Local number, L067. (USCE 104B)

LOCATION.--Lat 33°51'22", long 88°30'52", Hydrologic Unit 03160101, SE¼SE¼ sec.10, T.14 S., R.19 E., 2.3 mi north-east of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 24 ft, cased to 19 ft.

DATUM.--Land-surface datum is about 194 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.54 ft below land-surface datum, Nov. 27, 1984; lowest measured, 9.27 ft below land-surface datum, Nov. 17, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.09	MAR 4	1.81	MAY 19	3.71	AUG 19	6.35

335118088323202. Local number, L068. (USCE 102B)

LOCATION.--Lat 33°51'18", long 88°32'32", Hydrologic Unit 03160101, NW¼NW¼ sec.23, T.14 S., R.7 E., 2.0 mi north of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 30 ft, cased to 25 ft.

DATUM.--Land-surface datum is about 191 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.05 ft above land-surface datum, May 22, 1973; lowest measured, 8.80 ft below land-surface datum, Dec. 11, 1975.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.00	MAR 5	1.27	MAY 20	2.51	AUG 19	4.29

335117088332802. Local number, L069. (USCE 101B)

LOCATION.--Lat 33°51'17", long 88°33'28", Hydrologic Unit 03160101, SW¼SW¼ sec.15, T.14 S., R.7 E., 2 mi north of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Terraces, undifferentiated, of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 20 ft, cased to 15 ft.

DATUM.--Land-surface datum is about 202 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--August 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.05 ft below land-surface datum, May 30, 1973; lowest measured, 13.00 ft below land-surface datum, Nov. 15, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	7.61	MAY 20	7.95	AUG 19	11.36

334958088323601. Local number, L075. (USCE AB11)

LOCATION.--Lat 33°49'58", long 88°32'36", Hydrologic Unit 03160101, SW¼SW¼ sec.26, T.14 S., R.7 E., in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan sand member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 224 ft, cased to 204 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.52 ft below land-surface datum, May 11, 1977; lowest measured, 27.04 ft below land-surface datum, Aug. 25, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	24.28	MAR 5	24.02	MAY 20	24.82	AUG 20	25.15

MONROE COUNTY--Continued

334958088323602. Local number, L077. (USCE AB10)

LOCATION.--Lat 33°49'58", long 88°32'36", Hydrologic Unit 03160101, SW¼SW¼ sec.26, T.14 S., R.7 E., in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 145 ft, cased to 135 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 3.5 ft above land-surface datum.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.25 ft below land-surface datum, Mar. 8, 1983; lowest measured, 67.86 ft below land-surface datum, Aug. 8, 1979

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	42.98	MAR 5	37.95	MAY 20	40.55	AUG 20	41.29

334958088323603. Local number, L078. (USCE AB12)

LOCATION.--Lat 33°49'58", long 88°32'36", Hydrologic Unit 03160101, SW¼SW¼ sec.26, T.14 S., R.7 E., in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 90 ft, cased to 80 ft.

DATUM.--Land-surface datum is about 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.32 ft below land-surface datum, Mar. 11, 1980; lowest measured, 56.10 ft below land-surface datum, Feb. 1, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	42.03	MAR 5	37.34	MAY 20	40.33	AUG 20	41.54

334955088322201. Local number, L084. (USCE AB1)

LOCATION.--Lat 33°49'55", long 88°32'22", Hydrologic Unit 03160101, NW¼SW¼ sec.26, T.14 S., R.7 E., 0.6 mi northeast of Shivers High School in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 80 ft.

DATUM.--Land-surface datum is about 195 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.23 ft below land-surface datum, Feb. 13, 1985; lowest measured, 32.37 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	30.92	MAR 5	28.35	MAY 20	29.80	AUG 19	31.62

334955088322202. Local number, L085. (USCE AB2)

LOCATION.--Lat 33°49'55", long 88°32'22", Hydrologic Unit 03160101, NW¼SW¼ sec.26, T.14 S., R.7 E., 0.6 northeast of Shivers High School in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 146 ft.

DATUM.--Land-surface datum is about 195 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.84 ft below land-surface datum, Mar. 5, 1987; lowest measured, 28.72 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	26.89	MAR 5	24.84	MAY 20	26.35	AUG 19	27.48

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

334955088322203. Local number, L086. (USCE AB2A)

LOCATION.--Lat 33°49'55", long 88°32'22", Hydrologic Unit 03160101, NW¼SW¼ sec.26, T.14 S., R.7 E., 0.6 mi northeast of Shivers High School in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 119 ft.

DATUM.--Land-surface datum is about 195 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 4.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.00 ft below land-surface datum, Feb. 13, 1985; lowest measured, 29.48 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	27.54	MAR 5	24.13	MAY 20	27.55	AUG 19	29.25

335149088305401. Local number, L087. (USCE AB5)

LOCATION.--Lat 33°51'49", long 88°30'54", Hydrologic Unit 03160101, NE¼SE¼ sec.10, T.14 S., R.19 W., 3 mi northeast of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 150 ft.

DATUM.--Land-surface datum is about 192 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.75 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.85 ft below land-surface datum, May 15, 1985; lowest measured, 4.17 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	2.67	MAR 4	0.93	MAY 19	1.99	AUG 19	4.17

334951088321001. Local number, L088. (USCE AB6)

LOCATION.--Lat 33°49'51", long 88°32'10", Hydrologic Unit 03160101, NW¼SW¼ sec.26, T.14 S., R.7 E., 0.75 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 70 ft.

DATUM.--Land-surface datum is about 190 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.55 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.75 ft below land-surface datum, Mar. 5, 1987; lowest measured, 23.70 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	22.41	MAR 5	19.75	MAY 20	22.40	AUG 19	23.65

334951088321002. Local number, L089. (USCE AB7)

LOCATION.--Lat 33°49'51", long 88°32'10", Hydrologic Unit 03160101, NW¼SW¼ sec.26, T.14 S., R.7 E., 0.75 mi north of Amory.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 133 ft.

DATUM.--Land-surface datum is 187.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.01 ft below land-surface datum, Mar. 5, 1985; lowest measured, 24.45 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	22.19	MAR 5	20.01	MAY 20	22.10	AUG 19	23.23

MONROE COUNTY--Continued

335127088322101. Local number, L090. (USCE GW70)

LOCATION.--Lat 33°51'27", long 88°32'21", Hydrologic Unit 03160101, SW¼SW¼ sec.14, T.14 S., R.7 E., 2 mi northeast of Shivers High School in Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 26 ft.

DATUM.--Land-surface datum is 193.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.16 ft above land-surface datum, Mar. 5, 1987; lowest measured, 5.40 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	-2.03	MAR 5	0.16	MAY 20	-2.05	AUG 19	-5.40

335008088303001. Local number, L091. (USCE GW70A)

LOCATION.--Lat 33°50'08", long 88°30'30", Hydrologic Unit 03160101, NW¼NW¼ sec.23, T.14 S., R.19 W., 1.5 mi northeast of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 27 ft.

DATUM.--Land-surface datum is about 193 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.35 ft below land-surface datum, Feb. 13, 1985; lowest measured, 5.00 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.93	MAR 4	0.77	MAY 20	3.79	AUG 19	4.92

335158088291901. Local number, L092. (USCE GW71)

LOCATION.--Lat 33°51'58", long 88°29'19", Hydrologic Unit 03160101, NE¼NW¼ sec.12, T.14 S., R.19 W., 4.75 mi northeast of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 32 ft.

DATUM.--Land-surface datum is 225.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 0.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.89 ft below land-surface datum, Mar. 4, 1987; lowest measured, 14.22 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	12.99	MAR 4	8.89	MAY 20	11.84	AUG 19	14.22

335207088285501. Local number, L093. (USCE GW72)

LOCATION.--Lat 33°52'07", long 88°28'55", Hydrologic Unit 03160101, SE¼SE¼ sec.1, T.14 S., R.19 W., 3.3 mi north of intersection of State Highway 25 and 8.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 30 ft.

DATUM.--Land-surface datum is 220.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.80 ft below land-surface datum, Feb. 13, 1985; lowest measured, 7.39 ft below land-surface datum, Aug. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 17	1.43	MAR 4	1.19	MAY 20	4.65	AUG 19	7.39

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

334830088301201. Local number L095. (USCE P1)

LOCATION.--Lat 33°48'30", long 88°30'12", Hydrologic Unit 03160101, NE¼NW¼ sec.35, T.14 S., R.19 W., 2.7 mi south-east of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 38 ft.

DATUM.--Land-surface datum is about 190 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.59 ft below land-surface datum, Aug. 20, 1987; lowest measured, 2.60 ft below land-surface datum, Feb. 13, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	1.41	MAR 6	0.70	MAY 20	0.72	AUG 20	0.59

334830088301202. Local number L096. (USCE P2)

LOCATION.--Lat 33°48'30", long 88°30'12", Hydrologic Unit 03160101, NE¼NW¼ sec.35, T.14 S., R.19 W., 2.7 mi south-east of Aberdeen.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 1.5 in, depth 42 ft.

DATUM.--Land-surface datum is about 190 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.47 ft below land-surface datum, Mar. 6, 1987; lowest measured, 9.97 ft below land-surface datum, Dec. 18, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18	9.97	MAR 6	3.47	MAY 20	7.06	AUG 20	9.30

PRENTISS COUNTY

344137088211002. Local number, D028. (USCE MW1-2)

LOCATION.--Lat 34°41'37", long 88°21'10", Hydrologic Unit 03160101, NW¼NE¼ sec.33, T.4 S., R.9 E., 2.4 mi south of Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 158 ft.

DATUM.--Land-surface datum is about 510 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.45 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.42 ft below land-surface datum, Apr. 29, 1986; lowest measured, 90.73 ft below land-surface datum, Nov. 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	73.96	FEB 24	73.50	MAY 12	73.35	AUG 11	74.38

344137088210904. Local number, D030. (USCE MW1-4)

LOCATION.--Lat 34°41'37", long 88°21'09", Hydrologic Unit 03160101, NE¼NE¼ sec.33, T.4 S., R.9 E., 2.4 mi south of Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 285 ft.

DATUM.--Land-surface datum is about 510 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.40 ft above land-surface datum.

PERIOD OF RECORD.--October 1978, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.0 ft below land-surface datum, Oct. 18, 1978; lowest measured, 95.69 ft below land-surface datum, Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	95.50	FEB 24	95.22	MAY 12	95.09	AUG 11	95.69

PRENTISS COUNTY--Continued

344125088230802. Local number, D032. (USCE MW2-2)

LOCATION.--Lat 34°41'25", long 88°23'08", Hydrologic Unit 03160101, NE¼SE¼ sec.31, T.4 S., R.9 E., 3.2 mi southwest of Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 220 ft.

DATUM.--Land-surface datum is about 440 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.70 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.0 ft below land-surface datum, July 15, 1980; lowest measured, 39.36 ft below land-surface datum, Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	38.71	FEB 24	38.28	MAY 12	38.32	AUG 11	39.36

344125088230803. Local number, D033. (USCE MW2-3)

LOCATION.--Lat 34°41'25", long 88°23'08", Hydrologic Unit 03160101, NE¼SE¼ sec.31, T.4 S., R.9 E., 3.2 mi southwest of Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 181 ft.

DATUM.--Land-surface datum is about 440 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.0 ft below land-surface datum, July 15, 1980; lowest measured, 40.01 ft below land-surface datum, Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	39.27	FEB 24	38.90	MAY 12	38.79	AUG 11	40.01

344456088224901. Local number, D036. (USCE W1-1)

LOCATION.--Lat 34°44'56", long 88°22'49", Hydrologic Unit 06030005, SW¼NW¼ sec.8, T.4 S., R.9 E., 2.3 mi northwest of Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 371 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.10 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 172.0 ft below land-surface datum, July 17, 1980; lowest measured, 186.45 ft below land-surface datum, Nov. 18, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	185.31	FEB 24	185.60	MAY 12	184.94	AUG 11	185.66

344456088224902. Local number, D037. (USCE W1-2)

LOCATION.--Lat 34°44'56", long 88°22'49", Hydrologic Unit 06030005, SW¼NW¼ sec.8, T.4 S., R.9 E., 2 mi northwest of Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 280 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.85 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 171.0 ft below land-surface datum, July 17, 1980; lowest measured, 186.08 ft below land-surface datum, Nov. 18, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	184.44	FEB 24	184.94	MAY 12	184.58	AUG 11	185.02

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

PRENTISS COUNTY--Continued

344342088203701. Local number D039. (USCE W3-1)

LOCATION.--Lat 34°43'42", long 88°20'37", Hydrologic Unit 06030005, SE¼SW¼ sec.15, T.4 S., R.9 E., at Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 215 ft.

DATUM.--Land-surface datum is about 495 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.77 ft below land-surface datum, May 29, 1985; lowest measured, 78.37 ft below land-surface datum, Feb. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	77.61	FEB 24	78.37	MAY 12	77.33	AUG 11	78.30

344342088203702. Local number, D040. (USCE W3-2)

LOCATION.--Lat 34°43'42", long 88°20'37", Hydrologic Unit 06030005, SE¼SW¼ sec.15, T.4 S., R.9 E., at Cairo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 180 ft.

DATUM.--Land-surface datum is about 495 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.9 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 80.08 ft below land-surface datum, May 29, 1985; lowest measured, 81.55 ft below land-surface datum, Feb. 24, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	80.93	FEB 24	81.55	MAY 12	80.49	AUG 11	81.49

343924088201103. Local number, H026. (USCE SW2-3)

LOCATION.--Lat 34°39'24", long 88°20'11", Hydrologic Unit 03160101, SW¼SE¼ sec.10, T.5 S., R.9 E., 4.1 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 217 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.95 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.40 ft below land-surface datum, May 28, 1985; lowest measured, 43.63 ft below land-surface datum, Dec. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	43.63	FEB 24	43.05	MAY 12	43.47	AUG 11	43.50

343856088215502. Local number, H028. (USCE SW3-2)

LOCATION.--Lat 34°38'56", long 88°21'55", Hydrologic Unit 03160101, SW¼NW¼ sec.16, T.5 S., R.9 E., 5.8 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 192 ft.

DATUM.--Land-surface datum is about 450 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.14 ft below land-surface datum, Dec. 9, 1986; lowest measured, 65.0 ft below land-surface datum, July 15, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	62.14	FEB 24	62.60	MAY 12	63.09	AUG 11	64.55

PRENTISS COUNTY--Continued

343856088215503. Local number, H029. (USCE SW3-3)

LOCATION.--Lat 34°38'56", long 88°21'55", Hydrologic Unit 03160101, SW¼NW¼ sec.16, T.5 S., R.9 E., 5.8 mi west of Paden.

Owner: U.S. Army of Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 132 ft.

DATUM.--Land-surface datum is about 450 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.20 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.38 ft below land-surface datum, Mar. 6, 1985; lowest measured, 65.0 ft below land-surface datum, July 15, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	62.94	FEB 24	62.71	MAY 12	63.23	AUG 11	64.58

343927088201504. Local number, H031. (USCE SW2-4)

LOCATION.--Lat 34°39'27", long 88°20'15", Hydrologic Unit 03160101, SW¼SE¼ sec.10, T.5 S., R.9 E., 4 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan sand member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 133 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.7 ft above land-surface datum.

PERIOD OF RECORD.--January 1978, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.26 ft below land-surface datum, Aug. 23, 1985; lowest measured, 57.0 ft below land-surface datum, Jan. 1, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	56.02	FEB 24	55.91	MAY 12	56.12	AUG 11	56.90

343924088195002. Local number, H033. (USCE W6-2)

LOCATION.--Lat 34°39'24", long 88°19'50", Hydrologic Unit 03160101, SE¼SE¼ sec.10, T.5 S., R.9 E., 3.6 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 162 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.55 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.41 ft below land-surface datum, May 28, 1985; lowest measured, 42.77 ft below land-surface datum, Aug. 5, 1986 and Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	42.26	FEB 24	41.85	MAY 12	42.03	AUG 11	42.77

343924088195003. Local number, H034. (USCE W6-3)

LOCATION.--Lat 34°39'24", long 88°19'50", Hydrologic Unit 03160101, SE¼SE¼ sec.10, T.5 S., R.9 E., 3.5 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 92 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.75 ft above land-surface datum.

PERIOD OF RECORD.--February 1985 to April 1986 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.87 ft below land-surface datum, May 28, 1985; lowest measured, 37.74 ft below land-surface datum, Aug. 29, 1986.

NOTE: No measurement made in 1987 (destroyed).

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

PRENTISS COUNTY--Continued

342900088201601. Local number, M016. (USCE 53A)

LOCATION.--Lat 34°29'00", long 88°20'16", Hydrologic Unit 03160101, NW¼SE¼ sec.10, T.7 S., R.9 E., 15.7 mi south-east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 35 ft, cased to 30 ft.

DATUM.--Land-surface datum is about 332 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.4 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.31 ft below land-surface datum, Apr. 25, 1973; lowest measured, 10.24 ft below land-surface datum, Nov. 19, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	0.65	FEB 26	0.54	MAY 14	2.04	AUG 13	5.70

343201088204703. Local number, M017. (USCE 43C)

LOCATION.--Lat 34°32'01", long 88°20'47", Hydrologic Unit 03160101, NW¼NW¼ sec.27, T.6 S., R.9 E., 14 mi southeast of Booneville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 90 ft, cased to 85 ft.

DATUM.--Land-surface datum is about 445 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.83 ft below land-surface datum, May 23, 1980; lowest measured, 34.93 ft below land-surface datum, Dec. 15, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	28.85	FEB 26	28.09	MAY 14	27.22	AUG 13	27.91

343201088204702. Local number, M018. (USCE 43B)

LOCATION.--Lat 34°32'01", long 88°20'47", Hydrologic Unit 03160101, NW¼NW¼ sec.27, T.6 S., R.9 E., 14 mi southeast of Booneville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan sand member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 120 ft, cased to 110 ft.

DATUM.--Land-surface datum is about 460 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.52 ft below land-surface datum, May 22, 1985; lowest measured, 52.45 ft below land-surface datum, May 20, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	45.85	FEB 26	44.97	MAY 14	44.02	AUG 13	44.49

342911088205201. Local number, M019. (USCE 52A)

LOCATION.--Lat 34°29'11", long 88°20'52", Hydrologic Unit 03160101, NE¼SE¼ sec.9, T.7 S., R.9 E., 15.6 mi southeast of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 40 ft, cased to 35 ft.

DATUM.--Land-surface datum is about 324 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.2 ft above land-surface datum, Apr. 25, 1973; lowest measured, 8.44 ft below land-surface datum, Aug. 29, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	3.82	FEB 26	4.25	MAY 14	5.80	AUG 13	7.78

PRENTISS COUNTY--Continued

342917088212701. Local number, M020. (USCE 51A)

LOCATION.--Lat 34°29'17", long 88°21'27", Hydrologic Unit 03160101, SE¼NW¼ sec.9, T.7 S., R.9 E., 15.5 mi south-east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 64 ft, cased to 59 ft.

DATUM.--Land-surface datum is about 356 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.21 ft below land-surface datum, Dec. 11, 1986; lowest measured, 35.22 ft below land-surface datum, Aug. 11, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	30.21	FEB 26	31.33	MAY 14	32.32	AUG 13	34.84

343152088213002. Local number, M021. (USCE 41A)

LOCATION.--Lat 34°31'52", long 88°21'30", Hydrologic Unit 03160101, SE¼NW¼ sec.28, T.6 S., R.9 E., 16 mi east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 226 ft, cased to 206 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 134.65 ft below land-surface datum, July 12, 1973; lowest measured, 156.10 ft below land-surface datum, Aug. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	155.13	FEB 26	155.06	MAY 14	155.10	AUG 13	156.10

343152088213003. Local number, M022. (USCE 41B)

LOCATION.--Lat 34°31'52", long 88°21'30", Hydrologic Unit 03160101, SE¼NW¼ sec.28, T.6 S., R.9 E., 16 mi east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 176 ft, cased to 166 ft.

DATUM.--Land-surface datum is about 480 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.7 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.30 ft below land-surface datum, June 19, 1980; lowest measured, 77.96 ft below land-surface datum, Nov. 25, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	76.56	FEB 26	75.70	MAY 14	75.09	AUG 13	75.46

343201088194701. Local number, M025. (USCE 43D)

LOCATION.--Lat 34°32'01", long 88°19'47", Hydrologic Unit 03160101, NW¼NW¼ sec.27, T.6 S., R.9 E., 14 mi southeast of Booneville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 118 ft, cased to 108 ft.

DATUM.--Land-surface datum is about 460 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.8 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.38 ft below land-surface datum, Aug. 10, 1983; lowest measured, 54.16 ft below land-surface datum, Nov. 17, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	47.94	FEB 26	47.00	MAY 14	45.98	AUG 13	46.49

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

PRENTISS COUNTY--Continued

343150088205801. Local number, M026. (USCE 42A)

LOCATION.--Lat 34°31'50", long 88°20'58", Hydrologic Unit 03160101, NE¼NE¼ sec.28, T.6 S., R.9 E., 16.3 mi east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 69 ft, cased to 59 ft.

DATUM.--Land-surface datum is about 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.7 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.03 ft below land-surface datum, May 22, 1985; lowest measured, dry, Feb. 25, 1986, Apr. 30, 1986 and Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	OBST	FEB 26	19.88	MAY 14	18.78	AUG 13	OBST

343150088205802. Local number, M027. (USCE 42B)

LOCATION.--Lat 34°31'50", long 88°20'58", Hydrologic Unit 03160101, NE¼NE¼ sec.28, T.6 S., R.9 E., 16.3 mi east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 49 ft, cased to 39 ft.

DATUM.--Land-surface datum is about 420 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.38 ft below land-surface datum, May 27, 1980; lowest measured, 25.90 ft below land-surface datum, Nov. 17, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	20.34	FEB 26	19.87	MAY 14	19.40	AUG 13	20.46

342838088215001. Local number, M028. (USCE GW123A)

LOCATION.--Lat 34°28'38", long 88°21'50", Hydrologic Unit 03160101, NW¼NW¼ sec.16, T.7 S., R.9 E., 6.25 mi southeast of Marietta.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Terraces, undifferentiated, of Quarternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 23 ft, cased to 18 ft.

DATUM.--Land-surface datum is about 316 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--February 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.17 ft below land-surface datum, Feb. 26, 1987; lowest measured, 10.76 ft below land-surface datum, Nov. 19, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	2.48	FEB 26	2.17	MAY 14	3.78	AUG 13	8.49

342851088233501. Local number, M030. (USCE GW122)

LOCATION.--Lat 34°28'51", long 88°23'35", Hydrologic Unit 03160101, SW¼SE¼ sec.7, T.7 S., R.9 E. 7 mi south of East Prentiss Church.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 23 ft.

DATUM.--Land-surface datum is about 330 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.65 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.13 ft below land-surface datum, Dec. 11, 1986; lowest measured, 7.42 ft below land-surface datum, Aug. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	3.13	FEB 26	3.21	MAY 14	4.98	AUG 13	7.42

PRENTISS COUNTY--Continued

342755088203401. Local number, M031. (USCE GW123)

LOCATION.--Lat 34°27'55", long 88°20'34", Hydrologic Unit 03160101, SE¼SW¼ sec.15, T.7 S., R.9 E., 4.5 mi south of Bay Springs Lock and Dam.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 22 ft.

DATUM.--Land-surface datum is about 354 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 4.30 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.47 ft below land-surface datum, Feb. 26, 1987; lowest measured, 13.67 ft below land-surface datum, Aug. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	11.14	FEB 26	10.47	MAY 14	12.93	AUG 13	13.40

342916088211001. Local number, M032. (USCE GW124)

LOCATION.--Lat 34°29'16", long 88°21'10", Hydrologic Unit 03160101, SE¼NW¼ sec.9, T.7 S., R.9 E., 6 mi south of East Prentiss Church.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 39 ft.

DATUM.--Land-surface datum is about 350 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 3.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.20 ft below land-surface datum, Aug. 21, 1985; lowest measured, 33.33 ft below land-surface datum, Aug. 13, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	32.35	FEB 26	31.56	MAY 14	31.65	AUG 13	33.33

TISHOMINGO COUNTY

345214088180002. Local number, A017. (USCE 10DP177)

LOCATION.--Lat 34°52'14", long 88°18'00", Hydrologic Unit 06030005, NE¼NW¼ sec.36, T.2 S., R.9 E., 2.4 mi north of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 48 ft.

DATUM.--Land-surface datum is about 430 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 4.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.87 ft below land-surface datum, May 12, 1987; lowest measured, 20.05 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	17.67	FEB 24	19.04	MAY 12	15.87	AUG 12	17.67

345142088190101. Local number, A019. (USCE 2MW16)

LOCATION.--Lat 34°51'42", long 88°19'01", Hydrologic Unit 06030005, NW¼SE¼ sec.35, T.2 S., R.9 E., 1.5 mi north of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 108 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.65 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.35 ft below land-surface datum, May 23, 1985; lowest measured, 58.88 ft below land-surface datum, Apr. 29, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	58.44	FEB 24	58.80	MAY 12	58.06	AUG 12	57.80

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

345142088190102. Local number, A020. (USCE 2MW17)

LOCATION.--Lat 34°51'42", long 88°19'01", Hydrologic Unit 06030005, NW¼SE¼ sec.35, T.2 S., R.9 E., 1.5 mi north of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 119 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.6 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.83 ft below land-surface datum, May 23, 1985; lowest measured, 58.82 ft below land-surface datum, Apr. 29, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	58.64	FEB 24	58.76	MAY 12	58.00	AUG 12	58.09

344638088200102. Local number, D040. (USCE 12A)

LOCATION.--Lat 34°46'38", long 88°20'01", Hydrologic Unit 06030005, SE¼NE¼ sec.34, T.3 S., R.9 E., 4.5 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 190 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.98 ft below land-surface datum, Mar. 22, 1973; lowest measured, 98.91 ft below land-surface datum, Aug. 26, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	67.60	FEB 24	69.42	MAY 12	66.24	AUG 11	67.34

344638088200103. Local number, D041. (USCE 12B)

LOCATION.--Lat 34°46'38", long 88°20'01", Hydrologic Unit 06030005, SE¼NE¼ sec.34, T.3 S., R.9 E., 4.5 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 150 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.29 ft below land-surface datum, Mar. 22, 1973; lowest measured, 83.47 ft below land-surface datum, Aug. 26, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	64.20	FEB 24	65.43	MAY 12	63.09	AUG 11	63.93

344638088200104. Local number, D042. (USCE 12C)

LOCATION.--Lat 34°46'38", long 88°20'01", Hydrologic Unit 06030005, SE¼NE¼ sec.34, T.3 S., R.9 E., 4.5 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 88 ft, cased to 78 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.8 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.79 ft below land-surface datum, Dec. 17, 1974; low-measured, 62.41 ft below land-surface datum, Aug. 25, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	57.26	FEB 24	57.68	MAY 12	57.09	AUG 11	57.09

TISHOMINGO COUNTY--Continued

344643088182104. Local number, D044. (USCE 14C)

LOCATION.--Lat 34°46'43", long 88°18'21", Hydrologic Unit 06030005, SE¼NW¼ sec.36, T.3 S., R.9 E., 4 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 106 ft, cased to 100 ft.

DATUM.--Land-surface datum is about 545 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 65.63 ft below land-surface datum, Apr. 25, 1973; lowest measured, 80.57 ft below land-surface datum, Aug. 26, 1982.

Obstruction. No measurement made since March 8, 1983.

344642088193804. Local number, D047. (USCE 1DP141)

LOCATION.--Lat 34°46'42", long 88°19'38", Hydrologic Unit 06030005, SE¼NW¼ sec.35, T.3 S., R.9 E., 4.5 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 134 ft.

DATUM.--Land-surface datum is about 462 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.67 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.22 ft below land-surface datum, May 13, 1987; lowest measured, 50.02 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	46.84	FEB 24	48.95	MAY 13	45.22	AUG 13	46.42

344642088193805. Local number, D048. (USCE 1DP142)

LOCATION.--Lat 34°46'42", long 88°19'38", Hydrologic Unit 06030005, SE¼NW¼ sec.35, T.3 S., R.9 E., 4.5 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 57 ft.

DATUM.--Land-surface datum is about 462 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.58 ft below land-surface datum, May 13, 1987; lowest measured, 44.60 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	43.69	FEB 24	44.50	MAY 13	42.58	AUG 13	42.63

344616088211801. Local number, D050. (USCE 11C)

LOCATION.--Lat 34°46'16", long 88°21'18", Hydrologic Unit 06030005, SW¼SE¼ sec.33, T.3 S., R.9 E., 5.5 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 404 ft.

DATUM.--Land-surface datum is about 505 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.6 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 97.65 ft below land-surface datum, Mar. 9, 1976; lowest measured, dry, Apr. 29, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	117.75	FEB 24	116.14	MAY 12	120.52	AUG 11	120.23

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344617088211901. Local number, D051. (USCE 11D)

LOCATION.--Lat 34°46'17", long 88°21'19", Hydrologic Unit 06030005, SW¼SE¼ sec.33, T.3 S., R.9 E., 5.5 mi southwest of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 210 ft.

DATUM.--Land-surface datum is about 505 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.02 ft below land-surface datum, Mar. 9, 1976; lowest measured, 103.03 ft below land-surface datum, June 1, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	92.66	FEB 24	93.56	MAY 12	92.92	AUG 11	92.18

344910088185802. Local number, D055. (USCE 3DP151)

LOCATION.--Lat 34°49'10", long 88°18'58", Hydrologic Unit 06030005, NE¼SE¼ sec.14, T.3 S., R.9 E., 1.4 mi southeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 163 ft.

DATUM.--Land-surface datum is about 450 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 3.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.42 ft below land-surface datum, May 13, 1987; lowest measured, 29.99 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	27.73	FEB 25	29.63	MAY 13	27.42	AUG 13	28.47

344910088185803. Local number, D056. (USCE 3DP152)

LOCATION.--Lat 34°49'10", long 88°18'58", Hydrologic Unit 06030005, NE¼SE¼ sec.14, T.3 S., R.9 E., 1.4 mi southeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 100 ft.

DATUM.--Land-surface datum is about 450 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 3.8 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.34 ft below land-surface datum, May 13, 1987; lowest measured, 34.51 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	32.51	FEB 25	34.29	MAY 13	31.34	AUG 13	32.30

345055088175601. Local number, D059. (USCE 7DP167)

LOCATION.--Lat 34°50'55", long 88°17'56", Hydrologic Unit 06030005, NE¼SE¼ sec.1, T.3 S., R.9 E., 1.4 mi northeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 88 ft.

DATUM.--Land-surface datum is about 435 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 3.4 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.23 ft below land-surface datum, May 12, 1987; lowest measured, 29.86 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	25.43	FEB 25	25.50	MAY 12	24.23	AUG 12	25.48

TISHOMINGO COUNTY--Continued

345055088175602. Local number, D060. (USCE 7DP168)

LOCATION.--Lat 34°50'55", long 88°17'56", Hydrologic Unit 06030005, NE¼SE¼ sec.1, T.3 S. R.9 E., 1.4 mi northeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 43 ft.

DATUM.--Land-surface datum is about 435 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 3.45 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.73 ft below land-surface datum, Dec. 10, 1986; lowest measured, 27.63 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	21.73	FEB 25	25.09	MAY 12	22.55	AUG 12	23.83

344942088193903. Local number, D064. (USCE W2-3)

LOCATION.--Lat 34°49'42", long 88°19'39", Hydrologic Unit 06030005, SW¼SW¼ sec.11, T.3 S., R.9 E., 1 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 172 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.1 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.83 ft below land-surface datum, May 12, 1987; lowest measured, 61.82 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	61.10	FEB 24	61.52	MAY 12	59.83	AUG 11	60.81

344942088193904. Local number, D065. (USCE W2-4)

LOCATION.--Lat 34°49'42", long 88°19'39", Hydrologic Unit 06030005, SW¼SW¼ sec.11, T.3 S., R.9 E., 1 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 104 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.18 ft below land-surface datum, Feb. 21, 1985; lowest measured, 53.71 ft below land-surface datum, Feb. 21, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	53.70	FEB 24	52.95	MAY 12	52.82	AUG 11	53.33

345033088184002. Local number, D067. (USCE 2MW6)

LOCATION.--Lat 34°50'33", long 88°18'40", Hydrologic Unit 06030005, SW¼SW¼ sec.1, T.3 S., R.9 E., in Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 90 ft.

DATUM.--Land-surface datum is about 455 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.65 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.65 ft below land-surface datum, May 12, 1987; lowest measured, 26.67 ft below land-surface datum, Feb. 20, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	25.73	FEB 23	26.10	MAY 12	24.65	AUG 12	25.86

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

345033088191102. Local number, D068. (USCE 2MW7)

LOCATION.--Lat 34°50'33", long 88°19'11", Hydrologic Unit 06030005, SW¼SE¼ sec.2, T.3 S., R.9 E., at Burnsville Fire Dept.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 110 ft.

DATUM.--Land-surface datum is about 455 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.98 ft below land-surface datum, May 12, 1987; lowest measured, 39.14 ft below land-surface datum, Dec. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	39.14	FEB 23	38.33	MAY 12	36.98	AUG 12	38.06

345033088191103. Local number, D069. (USCE 2MW8)

LOCATION.--Lat 34°50'33", long 88°19'11", Hydrologic Unit 06030005, SW¼SE¼ sec.2, T.3 S., R.9 E., at Burnsville Fire Dept.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 131 ft.

DATUM.--Land-surface datum is about 455 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.30 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.43 ft below land-surface datum, Feb. 23, 1987; lowest measured, 40.96 ft below land-surface datum, Nov. 19, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	40.45	FEB 23	38.43	MAY 12	39.15	AUG 12	40.27

344634088173201. Local number, E014. (USCE 15A)

LOCATION.--Lat 34°46'34", long 88°17'32", Hydrologic Unit 06030005, NW¼SW¼ sec.31, T.3 S., R.10 E., 4.2 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 340 ft, cased to 320 ft.

DATUM.--Land-surface datum is about 540 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 77.19 ft below land-surface datum, Apr. 25, 1973; lowest measured, 114.85 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	99.46	FEB 24	99.79	MAY 12	98.14	AUG 12	99.50

344634088173202. Local number, E015. (USCE 15B)

LOCATION.--Lat 34°46'34", long 88°17'32", Hydrologic Unit 06030005, NW¼SW¼ sec.31, T.3 S., R.10 E., 4.2 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 204 ft, cased to 184 ft.

DATUM.--Land-surface datum is about 540 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.08 ft below land-surface datum, Mar. 2, 1972; lowest measured, 69.84 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	66.30	FEB 24	66.25	MAY 12	65.80	AUG 12	66.58

TISHOMINGO COUNTY--Continued

344634088173203. Local number, E016. (USCE 15C)

LOCATION.--Lat 34°46'34", long 88°17'32", Hydrologic Unit 06030005, NW¼SW¼ sec.31, T.3 S., R.10 E., 4.2 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 130 ft, cased to 120 ft.

DATUM.--Land-surface datum is about 540 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.66 ft below land-surface datum, Mar. 30, 1976; lowest recorded, 58.16 ft below land-surface datum, Nov. 25, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	57.04	FEB 24	57.02	MAY 12	56.90	AUG 12	57.59

344618088152603. Local number, E027. (USCE NE2-3)

LOCATION.--Lat 34°46'18", long 88°15'26", Hydrologic Unit 06030005, SW¼SW¼ sec.33, T.3 S., R.10 E., 4.9 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 157 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.85 ft above land-surface datum.

PERIOD OF RECORD.--June 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 64.44 ft below land-surface datum, Apr. 30, 1986; lowest measured, 66.02 ft below land-surface datum, Aug. 12, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	65.69	FEB 25	65.56	MAY 12	65.57	AUG 12	66.02

344618088152604. Local number, E028. (USCE NE2-4)

LOCATION.--Lat 34°46'18", long 88°15'26", Hydrologic Unit 06030005, SW¼SW¼ sec.33, T.3 S., R.10 E., 4.9 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 340 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.30 ft above land-surface datum.

PERIOD OF RECORD.--October 1978, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 75.0 ft below land-surface datum, Oct. 18, 1978; lowest measured, 119.59 ft below land-surface datum, Dec. 10, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	119.59	FEB 25	119.07	MAY 12	118.25	AUG 12	119.24

344659088131204. Local number, E033. (USCE NE3-4)

LOCATION.--Lat 34°46'59", long 88°13'12", Hydrologic Unit 06030005, SE¼SW¼ sec.26, T.3 S., R.10 E., 2.2 mi south of Iuka.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 135 ft.

DATUM.--Land-surface datum is about 585 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.85 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.28 ft below land-surface datum, May 23, 1985; lowest measured, 34.0 ft below land-surface datum, July 14, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	33.11	FEB 25	32.80	MAY 12	32.93	AUG 12	33.96

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344659088131205. Local number, E034. (USCE NE3-5)

LOCATION.--Lat 34°46'59", long 88°13'12", Hydrologic Unit 06030005, SE¼SW¼ sec.26, T.3 S., R.10 E., 2.2 mi south of Iuka.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 63 ft.

DATUM.--Land-surface datum is about 585 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.50 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.07 ft below land-surface datum, Feb. 21, 1985; lowest measured, 33.39 ft below land-surface datum, Dec. 10, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	33.39	FEB 25	28.37	MAY 12	28.85	AUG 12	29.90

344801088155101. Local number, E040. (USCE E2-1)

LOCATION.--Lat 34°48'01", long 88°15'51", Hydrologic Unit 06030005, SE¼SE¼ sec.20, T.3 S., R.10 E., 4.2 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 156 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.60 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.21 ft below land-surface datum, May 23, 1985; lowest measured, 83.48 ft below land-surface datum, Aug. 22, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	83.20	FEB 24	82.94	MAY 12	82.85	AUG 12	83.25

344801088155102. Local number, E041. (USCE E2-2)

LOCATION.--Lat 34°48'01", long 88°15'51", Hydrologic Unit 06030005, SW¼SE¼ sec.20, T.3 S., R.10 E., 4.2 mi south-east of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 107 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.85 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.44 ft below land-surface datum, May 23, 1985; lowest measured, 83.59 ft below land-surface datum, Aug. 6, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	83.22	FEB 24	82.92	MAY 12	82.82	AUG 12	83.37

345058088170201. Local number, E042. (USCE 2MW9)

LOCATION.--Lat 34°50'58", long 88°17'02", Hydrologic Unit 06030005, SE¼NW¼ sec.6, T.3 S., R.10 E., 2.1 mi northeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 36 ft.

DATUM.--Land-surface datum is about 445 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.15 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.15 ft below land-surface datum, Feb. 24, 1987; lowest measured, 1.88 ft below land-surface datum, Aug. 5, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	1.26	FEB 24	0.15	MAY 12	0.37	AUG 12	1.34

TISHOMINGO COUNTY--continued

345058088170202. Local number, E043. (USCE 2MW10)

LOCATION.--Lat 34°50'58", long 88°17'02", Hydrologic Unit 06030005, SE¼NW¼ sec.6, T.3 S., R.10 E., 2.1 mi northeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 42 ft.

DATUM.--Land-surface datum is about 445 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.13 ft above land-surface datum, Nov. 20, 1985; lowest measured, 0.82 ft below land-surface datum, Aug. 5, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	0.86	FEB 24	0.78	MAY 12	0.68	AUG 12	-0.29

345139088183501. Local number, E044. (USCE 2MW13)

LOCATION.--Lat 34°51'39", long 88°18'35", Hydrologic Unit 06030006, NW¼SW¼ sec.36, T.2 S., R.9 E., 1.65 mi northeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 88 ft.

DATUM.--Land-surface datum is about 445 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.37 ft below land-surface datum, May 12, 1987; lowest measured, 40.08 ft below land-surface datum, Apr. 29, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	38.70	FEB 24	39.30	MAY 12	38.37	AUG 12	38.52

345139088183502. Local number, E045. (USCE 2MW14)

LOCATION.--Lat 34°51'39", long 88°18'35", Hydrologic Unit 06030006, NW¼SW¼ sec.36, T.2 S., R.9 E., 1.65 mi northeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 99 ft.

DATUM.--Land-surface datum is about 445 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.02 ft below land-surface datum, Apr. 29, 1986; lowest measured, 39.96 ft below land-surface datum, Feb. 20, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	39.37	FEB 24	39.31	MAY 12	38.29	AUG 12	38.46

344155088194801. Local number, G004. (USCE 21A)

LOCATION.--Lat 34°41'55", long 88°19'48", Hydrologic Unit 06030005, SW¼SW¼ sec.26, T.4 S., R.9 E., 2.2 mi southwest of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 278 ft, cased to 268 ft.

DATUM.--Land-surface datum is about 585 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.75 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 96.68 ft below land-surface datum, Feb. 24, 1987; lowest measured, 149.15 ft below land-surface datum, Jan. 31, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 24	96.68	MAY 12	102.25	AUG 11	107.63

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344155088194802. Local number, G005. (USCE 21B)

LOCATION.--Lat 34°41'55", long 88°19'48", Hydrologic Unit 06030005, SW¼SW¼ sec.26, T.4 S., R.9 E., 2.2 mi southwest of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 235 ft.

DATUM.--Land-surface datum is about 585 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 97.88 ft below land-surface datum, Feb. 24, 1987; lowest measured, 138.50 ft below land-surface datum, Jan. 31, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	99.28	FEB 24	97.88	MAY 12	98.25	AUG 11	100.51

344110088151002. Local number, G013. (USCE 35A)

LOCATION.--Lat 34°41'10", long 88°15'10", Hydrologic Unit 03160101, NE¼SW¼ sec.33, T.4 S., R.10 E., 2.0 mi north-east of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 300 ft, cased to 260 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 0.3 ft above land-surface datum.

PERIOD OF RECORD.--July 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 106.68 ft below land-surface datum, May 23, 1974; lowest measured, 130.29 ft below land-surface datum, May 5, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	122.28	FEB 25	120.29	MAY 13	118.65	AUG 13	118.95

344110088151003. Local number, G014. (USCE 35B)

LOCATION.--Lat 34°41'10", long 88°15'10", Hydrologic Unit 03160101, NE¼SW¼ sec.33, T.4 S., R.10 E., 2.0 mi northeast of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sands of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 203 ft, cased to 198 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--July 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 98.05 ft below land-surface datum, Dec. 16, 1975; lowest measured, 102.54 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	101.69	FEB 25	101.49	MAY 13	101.11	AUG 13	101.69

344253088162802. Local number, G015. (USCE 25A)

LOCATION.--Lat 34°42'53", long 88°16'28", Hydrologic Unit 06030006, NW¼SW¼ sec.20, T.4 S., R.10 E., 1.8 mi south-east of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 235 ft, cased to 230 ft.

DATUM.--Land-surface datum is about 610 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 92.37 ft below land-surface datum, June 25, 1975; lowest measured, 126.28 ft below land-surface datum, Aug. 25, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	117.58	FEB 25	117.64	MAY 13	116.72	AUG 12	117.11

TISHOMINGO COUNTY--Continued

344253088162803. Local number, G016. (USCE 25B)

LOCATION.--Lat 34°42'53", long 88°16'28", Hydrologic Unit 06030006, NW¼SW¼ sec.20, T.4 S., R.10 E., 1.8 mi south-east of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 200 ft, cased to 190 ft.

DATUM.--Land-surface datum is about 610 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.87 ft below land-surface datum, July 13, 1973; lowest measured, 113.20 ft below land-surface datum, May 21, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	104.90	FEB 25	105.30	MAY 13	104.80	AUG 12	106.83

344302088153802. Local number, G017. (USCE 26A)

LOCATION.--Lat 34°43'02", long 88°15'38", Hydrologic Unit 06030006, NE¼SE¼ sec.20, T.4 S., R.10 E., 2.5 mi south-east of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 250 ft, cased to 210 ft.

DATUM.--Land-surface datum is about 565 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.4 ft above land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.60 ft below land-surface datum, Mar. 4, 1976; lowest measured, 59.68 ft below land-surface datum, Aug. 25, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	52.72	FEB 25	52.40	MAY 13	52.20	AUG 13	53.04

344302088153803. Local number, G018. (USCE 26B)

LOCATION.--Lat 34°43'02", long 88°15'38", Hydrologic Unit 06030006, NE¼SE¼ sec.20, T.4 S., R.10 E., 2.5 mi south-east of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 127 ft, cased to 122 ft.

DATUM.--Land-surface datum is about 565 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.39 ft below land-surface datum, Apr. 25, 1973; lowest measured, 47.41 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	44.78	FEB 25	44.42	MAY 13	44.28	AUG 13	45.57

344302088153804. Local number, G019. (USCE 26C)

LOCATION.--Lat 34°43'02", long 88°15'38", Hydrologic Unit 06030006, NE¼SE¼ sec.20, T.4 S., R.10 E., 2.5 mi south-east of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 72 ft, cased to 67 ft.

DATUM.--Land-surface datum is about 565 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.21 ft below land-surface datum, Apr. 25, 1973; lowest measured, 45.76 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	43.20	FEB 25	42.78	MAY 13	42.79	AUG 13	44.04

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344230088173401. Local number, G020. (USCE 23C)

LOCATION.--Lat 34°42'30", long 88°17'34", Hydrologic Unit 03160101, NW¼NW¼ sec.30, T.4 S., R.10 E., 4.0 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 330 ft.

DATUM.--Land-surface datum is about 588 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.0 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.4 ft below land-surface datum, May 23, 1974; lowest measured, 195.80 ft below land-surface datum, May 13, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	163.14	FEB 25	165.11	MAY 13	161.85	AUG 13	161.80

344228088173901. Local number, G023. (USCE 23G)

LOCATION.--Lat 34°42'28", long 88°17'39", Hydrologic Unit 06030005, NW¼NW¼ sec.30, T.4 S., R.10 E., 1.3 mi southeast of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2.0 in, depth 260 ft.

DATUM.--Land-surface datum is 601.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 0.40 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to July 1983, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 96.63 ft below land-surface datum, Apr. 25, 1973; lowest measured, 197.24 ft below land-surface datum, May 13, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	170.81	FEB 25	172.42	MAY 13	170.11	AUG 13	170.26

344232088173202. Local number G031. (USCE 23J)

LOCATION.--Lat 34°42'32", long 88°17'32", Hydrologic Unit 03160101, NW¼NW¼ sec.30, T.4 S., R.10 E., 4.0 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 380 ft.

DATUM.--Land-surface datum is about 587 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, at land-surface datum.

PERIOD OF RECORD.--December 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.78 ft below land-surface datum, April 25, 1973; lowest measured, 186.82 ft below land-surface datum, Nov. 7, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	159.58	FEB 25	160.30	MAY 13	161.31	AUG 13	161.12

344231088173401. Local number, G034. (USCE 23E)

LOCATION.--Lat 34°42'31", long 88°17'34", Hydrologic Unit 03160101, NW¼NW¼ sec.30, T.4 S., R.10 E., 4.0 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2.0 in, depth 92 ft.

DATUM.--Land-surface datum is about 585 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 1.80 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.84 ft below land-surface datum, June 9, 1976; lowest measured, 80.77 ft below land-surface datum, October 25, 1978.

WATER LEVEL BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	80.09	FEB 25	79.84	MAY 13	79.33	AUG 13	79.46

TISHOMINGO COUNTY--Continued

344218088184301. Local number, G038. (USCE 22A)

LOCATION.--Lat 34°42'18", long 88°18'43", Hydrologic Unit 03160101, SW¼NW¼ sec.25, T.4 S., R.9 E., 2 mi south of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 360 ft, cased to 320 ft.

DATUM.--Land-surface datum is about 625 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--February 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 151.12 ft below land-surface datum, Mar. 9, 1976; lowest measured, 191.89 ft below land-surface datum, Nov. 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	183.55	FEB 24	184.03	MAY 12	183.33	AUG 11	183.71

344218088184302. Local number, G040. (USCE 22B)

LOCATION.--Lat 34°42'18", long 88°18'43", Hydrologic Unit 03160101, NW¼SW¼ sec.25, T.4 S., R.9 E., 2.0 mi south of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 240 ft, cased to 230 ft.

DATUM.--Land-surface datum is about 625 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.9 ft above land-surface datum.

PERIOD OF RECORD.--February 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 142.33 ft below land-surface datum, Mar. 9, 1976; lowest measured, 176.38 ft below land-surface datum, Aug. 26, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	174.92	FEB 24	175.11	MAY 12	174.86	AUG 11	175.09

344228088173902. Local number, G041. (USCE 23N)

LOCATION.--Lat 34°42'28", long 88°17'39", Hydrologic Unit 06030005, NW¼NW¼ sec.30, T.4 S., R.10 E., 1.3 mi southeast of Holcut.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan Sand Member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in x 2 in, depth 200 ft.

DATUM.--Land-surface datum is about 600 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--February 1972 to July 1983, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 97.15 ft below land-surface datum, July 31, 1973; lowest measured, 164.60 ft below land-surface datum, Aug. 22, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	160.44	FEB 25	161.28	MAY 13	161.94	AUG 13	161.61

344244088174402. Local number, G079. (USCE 6DP163)

LOCATION.--Lat 34°42'44", long 88°17'44", Hydrologic Unit 06030005, SE¼SE¼ sec.24, T.4 S., R.9 E., 2 mi southeast of New Lebanon Church.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 222 ft.

DATUM.--Land-surface datum is about 590 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 143.23 ft below land-surface datum, May 13, 1987; lowest measured, 146.26 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	146.05	FEB 25	145.65	MAY 13	143.23	AUG 13	143.28

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344244088174403. Local number, G080. (USCE 6DP164)

LOCATION.--Lat 34°42'44", long 88°17'44", Hydrologic Unit 06030005, SE¼SE¼ sec.24, T.4 S., R.9 E., 2 mi southeast of New Labanon Church.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 125 ft.

DATUM.--Land-surface datum is about 590 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.8 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 98.90 ft below land-surface datum, Mar. 8, 1985; lowest measured, dry, May 29, 1985.

NOTE: No measurement made in 1987 (obstruction).

344606088161301. Local number, G083. (USCE NE1-1)

LOCATION.--Lat 34°46'06", long 88°16'13", Hydrologic Unit 06030005, NE¼NW¼ sec.5, T.4 S., R.10 E., 5.7 mi southeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3 in, depth 190 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 3.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.00 ft above land-surface datum, Feb. 21, 1985; lowest measured, 1.57 ft above land-surface datum, Aug. 12, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	2.08	FEB 25	2.25	MAY 12	2.16	AUG 12	1.57

344606088161303. Local number, G085. (USCE NE1-3)

LOCATION.--Lat 34°46'06", long 88°16'13", Hydrologic Unit 06030005, NE¼NW¼ sec.5, T.4 S., R.10 E., 5.7 mi southeast of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 65 ft.

DATUM.--Land-surface datum is about 495 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 3.20 ft above land-surface datum.

PERIOD OF RECORD.--June 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.57 ft above land-surface datum, May 23, 1985; lowest measured, 2.40 ft above land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	4.12	FEB 25	4.25	MAY 12	4.19	AUG 12	3.65

344328088144401. Local number, G086. (USCE ME1-1)

LOCATION.--Lat 34°43'28", long 88°14'44", Hydrologic Unit 06030005, NE¼NE¼ sec.21, T.4 S., R.10 E., 6 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 204 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.20 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.50 ft below land-surface datum, Aug. 12, 1987; lowest measured, 52.0 ft below land-surface datum, July 15, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	50.83	FEB 25	50.42	MAY 13	50.51	AUG 12	49.50

TISHOMINGO COUNTY--Continued

344328088144402. Local number, G087. (USCE ME1-2)

LOCATION.--Lat 34°43'28", long 88°14'44", Hydrologic Unit 06030006, NE¼NE¼ sec.21, T.4 S., R.10 E., 6 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 129 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.15 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.00 ft below land-surface datum, May 23, 1985; lowest measured, 43.0 ft below land-surface datum, July 15, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	41.93	FEB 25	41.32	MAY 13	41.49	AUG 12	42.63

344347088131701. Local number, G092. (USCE ME2-1)

LOCATION.--Lat 34°43'47", long 88°13'17", Hydrologic Unit 06030006, NW¼SW¼ sec.14, T.4 S., R.10 E., 6.65 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 162 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.36 ft below land-surface datum, May 23, 1985; lowest measured, 30.0 ft below land-surface datum, July 16, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	29.69	FEB 25	28.55	MAY 13	28.44	AUG 12	29.71

344347088131702. Local number, G093. (USCE ME2-2)

LOCATION.--Lat 34°43'47", long 88°13'17", Hydrologic Unit 06030006, NW¼SW¼ sec.14, T.4 S., R.10 E., 6.65 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 67 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.45 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.80 ft below land-surface datum, Feb. 21, 1985; lowest measured, 11.32 ft below land-surface datum, Aug. 6, 1986

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	9.87	FEB 25	9.38	MAY 13	10.22	AUG 12	11.18

344358088115402. Local number, G095. (USCE ME3-2)

LOCATION.--Lat 34°43'58", long 88°11'54", Hydrologic Unit 06030006, SW¼NE¼ sec.13, T.4 S., R.10 E., 3 mi south of Iuka.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 93 ft.

DATUM.--Land-surface datum is about 517 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.75 ft below land-surface datum, Feb. 25, 1987; lowest measured, 16.47 ft below land-surface datum, Aug. 6, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	14.72	FEB 25	13.75	MAY 13	13.83	AUG 12	15.60

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344131088132002. Local number, G100. (USCE SE1-2)

LOCATION.--Lat 34°41'31", long 88°13'20", Hydrologic Unit 06030006, SW¼NW¼ sec.35, T.4 S., R.10 E., 3.8 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 218 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.70 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.65 ft below land-surface datum, Nov. 20, 1985; lowest measured, 58.0 ft below land-surface datum, July 14, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	56.36	FEB 25	56.09	MAY 13	56.02	AUG 12	56.96

344131088132004. Local number, G102. (USCE SE1-4)

LOCATION.--Lat 34°41'31", long 88°13'20", Hydrologic Unit 06030006, SW¼NW¼ sec.35, T.4 S., R.10 E., 3.8 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 73 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.30 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.54 ft below land-surface datum, Feb. 21, 1985; lowest measured, 45.37 ft below land-surface datum, Dec. 10, 1986 and Aug. 12, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	45.37	FEB 25	44.98	MAY 13	44.51	AUG 12	45.37

344207088122002. Local number, G104. (USCE SE2-2)

LOCATION.--Lat 34°42'07", long 88°12'20", Hydrologic Unit 06030006, NW¼SW¼ sec.25, T.4 S., R.10 E., 4.7 mi northeast of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 183 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.70 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.93 ft below land-surface datum, Aug. 21, 1985; lowest measured, 69.0 ft below land-surface datum, July 16, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	63.70	FEB 25	63.99	MAY 13	63.94	AUG 12	64.23

344207088122004. Local number, G106. (USCE SE2-4)

LOCATION.--Lat 34°42'07", long 88°12'20", Hydrologic Unit 06030006, NW¼SW¼ sec.25, T.4 S., R.10 E., 4.8 mi north of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 103 ft.

DATUM.--Land-surface datum is about 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.27 ft below land-surface datum, Aug. 21, 1985; lowest measured, 49.32 ft below land-surface datum, Dec. 10, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	49.32	FEB 25	48.16	MAY 13	47.17	AUG 12	48.18

TISHOMINGO COUNTY--Continued

344436088190303. Local number, G112. (USCE 2DP147)

LOCATION.--Lat 34°44'36", long 88°19'03", Hydrologic Unit 03060005, SE¼SW¼ sec.11, T.4 S., R.9 E., 0.5 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 165 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 2.70 ft above land-surface datum.

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

EXTREMES OF PERIOD OF RECORD.--Highest water level measured, 88.04 ft below land-surface datum, May 13, 1987; lowest measured, 92.89 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	90.70	FEB 25	92.20	MAY 13	88.04	AUG 13	88.97

344436088190304. Local number, G113. (USCE 2DP148)

LOCATION.--Lat 34°44'36", long 88°19'03", Hydrologic Unit 06030005, SE¼SW¼ sec.11, T.4 S., R.9 E., 0.5 mi south of Burnsville.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 130 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 2.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.82 ft below land-surface datum, Aug. 13, 1987; lowest measured, 93.76 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	89.15	FEB 25	93.02	MAY 13	89.18	AUG 13	86.82

344104088171602. Local number, G116. (USCE 4DP156)

LOCATION.--Lat 34°41'04", long 88°17'16", Hydrologic Unit 06030006, SE¼SW¼ sec.31, T.4 S., R.10 E., 4.2 mi north-west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.5 in, depth 153 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 2.40 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.15 ft below land-surface datum, May 13, 1987; lowest measured, 52.89 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	51.73	FEB 25	52.32	MAY 13	51.15	AUG 13	51.53

344104088171604. Local number, G118. (USCE 4DP158)

LOCATION.--Lat 34°41'04", long 88°17'16", Hydrologic Unit 06030006, SE¼SW¼ sec.31, T.4 S., R.10 E., 4.2 mi north-west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 56 ft.

DATUM.--Land-surface datum is about 500 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 2.95 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.77 ft below land-surface datum, May 28, 1985; lowest measured, 52.29 ft below land-surface datum, Nov. 20, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	45.84	FEB 25	45.67	MAY 13	46.47	AUG 13	45.80

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344356088185703. Local number, G121. (USCE 9DP173)

LOCATION.--Lat 34°43'56", long 88°18'57", Hydrologic Unit 06030005, NE¼SE¼ sec.14, T.4 S., R.9 E., 1 mi northeast of New Lebanon Church.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 220 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.30 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 120.17 ft below land-surface datum, May 29, 1985; lowest measured, 129.67 ft below land-surface datum, Feb. 25, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	129.39	FEB 25	129.67	MAY 13	123.50	AUG 13	124.97

344356088185704. Local number, G122. (USCE 9DP174)

LOCATION.--Lat 34°43'56", long 88°18'57", Hydrologic Unit 06030005, NE¼SE¼ sec.14, T.4 S., R.9 E., 1 mi northeast of New Lebanon Church.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 163 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87.88 ft below land-surface datum, May 13, 1987; lowest measured, 93.66 ft below land-surface datum, Dec. 10, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	93.66	FEB 25	93.30	MAY 13	87.88	AUG 13	90.92

344041088164401. Local number, J008. (USCE 33A)

LOCATION.--Lat 34°40'41", long 88°16'44", Hydrologic Unit 03160101, SE¼NE¼ sec.6, T.5 S., R.9 E., 1.3 mi southwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 172 ft, cased to 162 ft.

DATUM.--Land-surface datum is about 515 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.10 ft above land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.54 ft below land-surface datum, May 23, 1974; lowest measured, 74.63 ft below land-surface datum, Aug. 3, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	62.93	FEB 25	63.08	MAY 13	62.55	AUG 12	63.19

344053088161202. Local number, J013. (USCE 34A)

LOCATION.--Lat 34°40'54", long 88°16'12", Hydrologic Unit 03160101, NE¼NW¼ sec.5, T.5 S., R.10 E., 2 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 266 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.17 ft below land-surface datum, Mar. 13, 1974; lowest measured, 117.60 ft below land-surface datum, Aug. 3, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	101.32	FEB 25	101.50	MAY 13	100.80	AUG 13	101.11

TISHOMINGO COUNTY--Continued

344053088161203. Local number, J014. (USCE 348)

LOCATION.--Lat 34°40'53", long 88°16'12", Hydrologic Unit 03160101, NE¼NW¼ sec.5, T.5 S., R.10 E., 2 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 134 ft.

DATUM.--Land-surface datum is about 560 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 1.65 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.67 ft below land-surface datum, May 23, 1974; lowest measured, 77.46 ft below land-surface datum, Nov. 18, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	76.26	FEB 25	75.62	MAY 13	74.94	AUG 13	75.44

344041088164402. Local number, J016. (USCE 338)

LOCATION.--Lat 34°40'41", long 88°16'44", Hydrologic Unit 03160101, SE¼NE¼ sec.6, T.5 S., R.9 E., 1.3 mi northwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 90 ft, cased to 85 ft.

DATUM.--Land-surface datum is about 515 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.20 ft above land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.93 ft below land-surface datum, May 23, 1974; lowest measured, 61.50 ft below land-surface datum, May 22, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	59.33	FEB 25	59.33	MAY 13	59.00	AUG 12	59.81

344041088164403. Local number, J017. (USCE 33C)

LOCATION.--Lat 34°40'41", long 88°16'44", Hydrologic Unit 03160101, SE¼NE¼ sec.6, T.5 S., R.9 E., 1.3 mi northwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 212 ft, cased to 192 ft.

DATUM.--Land-surface datum is about 515 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.20 ft below land-surface datum, Apr. 9, 1974; lowest measured, 91.80 ft below land-surface datum, Nov. 6, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	63.98	FEB 25	64.96	MAY 13	64.16	AUG 12	64.50

344017088180402. Local number, J018. (USCE 31A)

LOCATION.--Lat 34°40'17", long 88°18'04", Hydrologic Unit 03160101, SW¼SE¼ sec.1, T.5 S., R.9 E., 2.0 mi northwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 178 ft, cased to 158 ft.

DATUM.--Land-surface datum is about 473 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.85 ft below land-surface datum, May 23, 1974; lowest measured, 44.18 ft below land-surface datum, Jan. 25, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	35.64	FEB 24	35.57	MAY 12	35.23	AUG 11	35.69

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344017088180403. Local number, J019. (USCE 318)

LOCATION.--Lat 34°40'17", long 88°18'04", Hydrologic Unit 03160101, SW¼SE¼ sec.1, T.5 S., R.9 E., 2.0 mi northwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 74 ft, cased to 64 ft.

DATUM.--Land-surface datum is about 473 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.6 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.80 ft below land-surface datum, May 20, 1975; lowest recorded, 13.33 ft below land-surface datum, Nov. 25, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	12.10	FEB 24	11.89	MAY 12	11.91	AUG 11	12.98

344041088172602. Local number, J020. (USCE 32A)

LOCATION.--Lat 34°40'41", long 88°17'26", Hydrologic Unit 03160101, NW¼NW¼ sec.6, T.5 S., R.10 E., 1.9 mi northwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 240 ft, cased to 230 ft.

DATUM.--Land-surface datum is about 530 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.90 ft below land-surface datum, June 9, 1976; lowest measured, 106.69 ft below land-surface datum, Oct. 25, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	85.51	FEB 24	85.76	MAY 12	84.39	AUG 11	85.40

344041088172603. Local number, J021. (USCE 32B)

LOCATION.--Lat 34°40'41", long 88°17'26", Hydrologic Unit 03160101, NW¼NW¼ sec.6, T.5 S., R.10 E., 1.9 mi northwest of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 112 ft, cased to 102 ft.

DATUM.--Land-surface datum is about 530 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.6 ft above land-surface datum.

PERIOD OF RECORD.--March 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.33 ft below land-surface datum, Apr. 26, 1973; lowest measured, 76.29 ft below land-surface datum, Nov. 17, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	75.64	FEB 24	75.74	MAY 12	75.23	AUG 11	75.41

343950088184302. Local number, J066. (USCE SW1-2)

LOCATION.--Lat 34°39'50", long 88°18'43", Hydrologic Unit 03160101, NW¼NW¼ sec.12, T.5, S., R.9 E., 2.75 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 150 ft.

DATUM.--Land-surface datum is about 550 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.15 ft above land-surface datum.

PERIOD OF RECORD.--October 1977, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 84.65 ft below land-surface datum, Aug. 11, 1987; lowest measured, 90.0 ft below land-surface datum, Oct. 5, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	89.36	FEB 24	88.82	MAY 12	84.79	AUG 11	84.65

TISHOMINGO COUNTY--Continued

343949088184201. Local number, J075. (USCE SW1-1)

LOCATION.--Lat 34°39'49", long 88°18'42", Hydrologic Unit 03160101, SW¼NW¼ sec.12, T.5 S., R.9 E., 2.75 mi west of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 264 ft.

DATUM.--Land-surface datum is about 550 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 3.20 ft above land-surface datum.

PERIOD OF RECORD.--July 1980, February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 102.80 ft below land-surface datum, May 28, 1985; lowest measured, 104.41 ft below land-surface datum, Aug. 11, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	103.61	FEB 24	103.42	MAY 12	103.22	AUG 11	104.41

343923088162001. Local number, J076. (USCE 5DP159)

LOCATION.--Lat 34°39'23", long 88°16'20", Hydrologic Unit 03160101, NE¼SW¼ sec.8, T.5 S., R.10 E., 0.4 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4.0 in, depth 148 ft.

DATUM.--Land-surface datum is about 440 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in pipe, 0.87 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.07 ft above land-surface datum, May 28, 1985; lowest measured, 2.30 ft above land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	7.48	FEB 25	6.84	MAY 13	7.60	AUG 13	7.30

343923088162002. Local number, J077. (USCE 5DP160)

LOCATION.--Lat 34°39'23", long 88°16'20", Hydrologic Unit 03160101, NE¼SW¼ sec.8, T.5 S., R.10 E., 0.4 mi north of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 3.0 in, depth 60 ft.

DATUM.--Land-surface datum is about 440 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3-in pipe, 1.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.74 ft below land-surface datum, May 28, 1985; lowest measured, 16.59 ft below land-surface datum, Feb. 21, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	14.97	FEB 25	16.40	MAY 13	14.13	AUG 13	15.04

343918088150502. Local number, J080. (USCE E1-2)

LOCATION.--Lat 34°39'18", long 88°15'05", Hydrologic Unit 03160101, SW¼SE¼ sec.9, T.5 S., R.10 E., 0.75 mi east of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 131 ft.

DATUM.--Land-surface datum is about 520 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1-in pipe, 2.35 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.70 ft below land-surface datum, Feb. 25, 1986; lowest measured, 59.28 ft below land-surface datum, Aug. 6, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	58.91	FEB 25	58.92	MAY 13	58.57	AUG 12	58.85

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

343918088150503. Local number, J081. (USCE E1-3)

LOCATION.--Lat 34°39'18", long 88°15'05", Hydrologic Unit 03160101, SW¼SE¼ sec.9, T.5 S., R.10 E., 0.75 mi east of Paden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 1.5 in, depth 102 ft.

DATUM.--Land-surface datum is about 520 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1.5-in pipe, 2.90 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.59 ft below land-surface datum, May 22, 1985; lowest measured, 66.16 ft below land-surface datum, Dec. 10, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	66.16	FEB 25	65.97	MAY 13	64.92	AUG 12	65.05

342854088194101. Local number, L029. (USCE 54A)

LOCATION.--Lat 34°28'54", long 88°19'41", Hydrologic Unit 03160101, SW¼SW¼ sec.11, T.7 S., R.9 E., 15.8 mi south-east of Baldwin.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 27 ft, cased to 22 ft.

DATUM.--Land-surface datum is about 332 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.9 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.87 ft above land-surface datum, May 20, 1983; lowest recorded, 9.91 ft below land-surface datum, Nov. 20, 1981.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	0.77	FEB 26	0.31	MAY 14	-1.17	AUG 13	-2.60

342844088184701. Local number, L030. (USCE 55A)

LOCATION.--Lat 34°28'44", long 88°18'47", Hydrologic Unit 03160101, SE¼SE¼ sec.11, T.7 S., R.9 E., 7 mi west of Golden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 50 ft, cased to 45 ft.

DATUM.--Land-surface datum is about 380 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 1.3 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest year level measured, 20.08 ft below land-surface datum, Jan. 8-13, 1976; lowest recorded, 23.00 ft below land-surface datum, Oct. 5, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	21.00	FEB 26	20.97	MAY 14	21.93	AUG 13	22.65

343150088183703. Local number, L032. (USCE 45B)

LOCATION.--Lat 34°31'50", long 88°18'37", Hydrologic Unit 03160101, SW¼NW¼ sec.25, T.6 S., R.9 E., 8.5 mi southwest of Tishomingo.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--McShan Sand member of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 76 ft, cased to 66 ft.

DATUM.--Land-surface datum is about 485 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.4 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.40 ft below land-surface datum, Jan. 25, 1979; lowest measured, 57.48 ft below land-surface datum, Dec. 11, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	57.48	FEB 26	56.46	MAY 13	55.88	AUG 13	56.27

TISHOMINGO COUNTY--Continued

342854088194102. Local number, L033. (USCE 54B)

LOCATION.--Lat 34°28'54", long 88°19'47", Hydrologic Unit 03160101, SW¼SW¼ sec.11, T.7 S., R.9 E., 15.8 mi south-east of Baldwyn.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 12 ft.

DATUM.--Land-surface datum is about 332 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.3 ft above land-surface datum.

PERIOD OF RECORD.--May 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.21 ft above land-surface datum, Mar. 9, 1983; lowest measured, 10.24 ft below land-surface datum, Nov. 19, 1981.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	0.14	FEB 26	-0.08	MAY 14	-1.78	AUG 13	-3.23

342854088194103. Local number, L034. (USCE 54C)

LOCATION.--Lat 34°28'40", long 88°19'41", Hydrologic Unit 03160101, SW¼SW¼ sec.11, T.7 S., R.9 E., 8.1 mi west of Golden.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 2 in, depth 13 ft, cased to 8 ft.

DATUM.--Land-surface datum is about 333 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.4 ft above land-surface datum.

PERIOD OF RECORD.--June 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.75 ft above land-surface datum, Aug. 29, 1985; lowest measured, 10.75 ft below land-surface datum, Nov. 19, 1981.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	0.12	FEB 26	-0.08	MAY 14	-1.87	AUG 13	-3.11

343009088191201. Local number, L051. (USCE GW125)

LOCATION.--Lat 34°30'09", long 88°19'12", Hydrologic Unit 03160101, SE¼NE¼ sec.2, T.7 S., R.9 E., 2 mi south of Bay Springs Lock and Dam.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Alluvium, undifferentiated of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 2.0 in, depth 17 ft.

DATUM.--Land-surface datum is 367.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in pipe, 2.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.05 ft below land-surface datum, Feb. 26, 1987; lowest measured, 11.05 ft below land-surface datum, Aug. 6, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 11	3.08	FEB 26	2.05	MAY 14	8.67	AUG 13	11.04

AQUIFER NAMES CORRESPONDING TO GEOLOGIC UNITS LISTED IN THE QUALITY OF GROUND-WATER TABLES ARE GIVEN BELOW.

GEOLOGIC UNIT	AQUIFER NAME
110ALVM	QUATERNARY ALLUVIUM, QUATERNARY
110TRCS	UNDIFFERENTIATED TERRACE DEPOSITS, QUATERNARY
111ALVM	HOLOCENE ALLUVIUM, HOLOCENE
111TRCS	UNDIFFERENTIATED TERRACE DEPOSITS, HOLOCENE
112MRVA	MISSISSIPPI RIVER ALLUVIAL AQUIFER, PLEISTOCENE
112TRCS	UNDIFFERENTIATED TERRACE DEPOSITS, PLEISTOCENE
121CRNL	CITRONELLE FORMATION, PLIOCENE
121GRMF	GRAHAM FERRY FORMATION, PLIOCENE
122PCGL	PASCAGOULA FORMATION, MIOCENE
122HBRG	HATTIESBURG FORMATION, MIOCENE
122MOCN	MIOCENE SERIES, MIOCENE
122CTHL	LOWER CATAHOULA FORMATION, MIOCENE
123WSBR	WAYNESBORO SAND LENTIL (INFORMAL USAGE) OF BYRAM FORMATION, OLIGOCENE
123CCKS	CHICKASAWHAY LIMESTONE, OLIGOCENE
123VKBG	VICKSBURG GROUP, OLIGOCENE
123MSPG	MINT SPRING MARL MEMBER OF MARIANNA LIMESTONE, OLIGOCENE
123FRHL	FOREST HILL SAND, OLIGOCENE
124MDBC	MOODYS BRANCH FORMATION, EOCENE
124CCKF	COCKFIELD FORMATION, EOCENE
124SPRT	SPARTA SAND, EOCENE
124TLLT	TALLAHATTA FORMATION, EOCENE
124MUWX	MERIDIAN-UPPER WILCOX AQUIFER, EOCENE
124WLCXM	MIDDLE WILCOX AQUIFER, EOCENE
124WLCXL	LOWER WILCOX AQUIFER, EOCENE
211RPLY	RIPLEY FORMATION, UPPER CRETACEOUS
211COFF	COFFEE SAND, UPPER CRETACEOUS
211EUTW	EUTAW FORMATION, UPPER CRETACEOUS
211EUTWR	EUTAW FORMATION (RESTRICTED), UPPER CRETACEOUS
211EUTWL	LOWER EUTAW FORMATION, UPPER CRETACEOUS
211MCSN	MCSHAN FORMATION, UPPER CRETACEOUS
211GORD	GORDO FORMATION, UPPER CRETACEOUS
211COKR	COKER FORMATION, UPPER CRETACEOUS
211MSSV	MASSIVE SAND, UPPER CRETACEOUS
300PLZC	PALEOZOIC ERATHEM, PALEOZOIC
331TCMB	TUSCUMBIA LIMESTONE, UPPER MISSISSIPPIAN
337FRPN	FORT PAYNE CHERT, LOWER MISSISSIPPIAN

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

ATTALA COUNTY

330730089280101 - H023 ETHEL

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)
AUG 1987 10...	0936	124TLLT	1028	5	8.00	78.68	210.00	460	15	110
DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
AUG 1987 10...	70	5.90	19.0	<5	2.5	26	1	6.7	2.2	3.1
DATE	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS S102)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)
AUG 1987 10...	19	0.3	2.6	25	7.6	2.0	0.10	49	94	89
DATE	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)
AUG 1987 10...	0.140	0.040	<1	<100	<1	680	<5	50	<0.10	<1

BOLIVAR COUNTY

334217090475201 - L050 SKENE

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
SEP 1987 22...	1300	124TLLT	1028	26	0.10	13.43	1470.00	130	15	1150
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)
SEP 1987 22...	8.70	24.5	6	0	1.6	0.40	300	99	57	1.7
DATE	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS S102)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
SEP 1987 22...	630	5.8	5.8	0.50	21	723	710	110	>10	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
BOLIVAR COUNTY--Continued

333330090490001 - T043 CHOCTAW W A

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)
JUL 1987	14...	124TLLT	1028	26	0.10	1628.00	122	5	150	800	8.40	29.0
DATE		COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)
JUL 1987	14...	20	0.80	0.20	<0.10	200	1.7	437	0.2	9.0	0.70	21
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)
JUL 1987	14...	516	<0.020	0.710	<1	<100	<1	50	<5	<10	<0.10	<1

CALHOUN COUNTY

340121089212801 - C024 MT COMFORT W A

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
AUG 1987 10...	1252	211GORD	1028	5	8.00	1925.00	395	30	150	950
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD (MG/L AS CAC03)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM
AUG 1987 10...	7.70	34.0	<5	0.70	57	0	18	3.0	180	86
DATE	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
AUG 1987 10...	11	3.7	109	4.0	240	0.20	15	525	530	<0.020
DATE	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)	
AUG 1987 10...	<0.020	<1	200	<1	140	<5	30	0.60	<1	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

GEORGE COUNTY

305930088323501 - C071 W W NURSERY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
APR 1987 07...	1429	121CRNL	1028	5	8.00	105.00	300	120	65	58
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO
APR 1987 07...	4.20	21.0	<5	16	16	2.3	2.6	1.2	13	0.1
DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	
APR 1987 07...	0.70	0.2	<0.1	6.0	0.30	6.4	50	40	<10	

GREENE COUNTY

312531088453401 - A051 BEAT 3 W A

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
AUG 1987 06...	1305	122MOCN	1028	26	8.00	486.00	335	>10	250	18
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
AUG 1987 06...	5.30	21.0	<5	0.70	3	0	0.90	0.30	2.4	54
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
AUG 1987 06...	0.6	0.70	4.8	4.0	2.0	0.10	12	22	25	<0.020
DATE	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
AUG 1987 06...	<0.020	<1	<100	<1	80	7	<10	<0.10	<1	

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)
NOV 1986 18...	0929	122MOCN	1028	1	4.00	-5.30	819.00	12.0	10	2.0
DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO
NOV 1986 18...	720	22.5	40	5	0	1.5	0.30	180	98	37
DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
NOV 1986 18...	1.0	318	1.6	46	0.60	26	446	450	10	<10

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 06...	1030	122MOCN	1028	30	8.00	705.00	142	30	9.0	575	3.0

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
NOV 1986 06...	1135	122MOCN	1028	27	8.00	252.00	120
	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
NOV 1986 06...	17	5.0	110	6.70	23.0	3.0	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

HARRISON COUNTY--Continued

303213088551401 - H009 J S BELLEW

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 23...	1600	122PCGL	1028	1	8.00	835.00	40.0	30	10	364	23.0	4.0

303009088540601 - H048 DICK DANA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 23...	1710	121CRNL	1028	1	4.00	840.00	25.0	35	2.0	905	23.0	71

302415088515501 - M012 WEEMS BROS

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 23...	1015	122PCGL	1028	27	8.00	36.86	944.00	10.0	30	8.00	27.0	77

302921088580301 - H264 WOOLMARKET BALL

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 23...	1450	122MOCN	1028	28	8.00	560.00	76.0	24	9.0	153	23.0	3.0

302515088580101 - M408 WESTWICK UTIL

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
NOV 1986 06...	0815	121GRMF	1028	31	4.00	-9.80	1037.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 06...	10.0	10	990	8.70	30.0	180

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
HARRISON COUNTY--Continued

302810088561501 - M640 DR.TOMSIK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 05...	1145	122MOCN	1028	30	721.00	10.0	400	20

302707088554701 - M651 HARRY DRONET

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
NOV 1986 05...	1050	121GRMF	1028	27	8.00	39.20	745.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 05...	30.0	46	8.0	610	9.00	26.5	65

302758088562001 - M677 CEDAR LAKE CH

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	1310	122MOCN	1028	30	8.00	23.60	780.00	5.0	429	21

301900089165501 - N235 JAMES VIAVANT

DATE	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 04...	122PCGL	1028	30	8.00	1318.00	5.0	440	22

301840089162201 - N322 ANNIE'S RESTRNT

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 04...	1120	121GRMF	1028	27	806.00	8.0	360	8.0

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

HARRISON COUNTY--Continued

302245089130201 - 0227 H E WILSON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 05...	1310	122MOCN	1028	-55.00	1578.00	20.0	390	31

HINDS COUNTY

322043090214201 - F024 CLINTON IND PK

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
JUL 1987 09...	1200	124CCKF	1028	26	0.10	946.00	325	5	500	720

DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	HARD-NESS (MG/L AS CAC03)	NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM
JUL 1987 09...	8.00	29.0	5	0.90	32	0	7.2	3.3	160	91

DATE	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
JUL 1987 09...	13	3.5	266	64	29	0.30	16	443	440	<0.020

DATE	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)
JUL 1987 09...	0.240	<1	100	1	70	<5	60	<0.10	<1

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
HINDS COUNTY--Continued

321909090132201 - H187 JACKSON ZOO

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
MAR 1987 25...	1115	124SPRT	1028	31	0.10	309.70	815.00	362	195	38	413
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	
MAR 1987 25...	8.80	28.5	25	2	0	0.80	0.10	100	99	29	
DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
MAR 1987 25...	0.70	211	8.3	1.9	<0.10	16	261	250	20	<10	

321909090132202 - H188 JACKSON ZOO

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
APR 1987 29...	1600	124SPRT	1028	9	8.00	628.00	362	240	164	450
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO
APR 1987 29...	8.20	26.0	20	3	0	0.70	0.20	110	98	31
DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
APR 1987 29...	0.90	229	11	2.1	0.40	15	275	280	70	<10

QUALITY OF GROUND WATER

365

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

HUMPHREYS COUNTY

331436090341401 - C133 R D BEARDEN

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
JAN 1987 09...	1014	124MUWX	1028	27	4.00	43.00	1780.00	110	750	8.30

DATE	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD- SORP- TION RATIO
JAN 1987 09...	32.5	15	4	0	1.0	0.30	190	99	44

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
JAN 1987 09...	1.2	414	<0.1	6.4	0.70	15	492	100	<10

JACKSON COUNTY

304301088452401 - A005 RED CREEK SCHOOL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	1230	122PCGL	1028	26	8.00	365.00	50.0	45	265	9.10	22.5	3.5

303958088412501 - B009 J D WHITTINGTON

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 28...	1400	121GRMF	1028	28	71.00	50.0	10	10	23	4.70	4.0	

303910088424901 - B016 BETTY WHITE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 28...	1700	122MOCN	1028	27	180.00	40.0	10	10	260	8.60	20.0	4.0

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

304321088362201 - C017 ROY CARTER

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 31...	1045	122PCGL	1028	26	8.00	321.00	20.0	20	150	8.60	22.0	3.0

303956088341701 - C018 JOHN E BEASLEY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 31...	1135	122PCGL	1028	1	4.00	273.00	40.0	85	6.30	22.0	1.8

303924088341801 - C044 JOHN JOHNSON

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 28...	1000	122PCGL	1028	27	0.0	274.00	50.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 28...	10	10	520	9.30	22.0	4.5

304345088361501 - C049 DAN BOUTWELL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 28...	1100	121GRMF	1028	27	1.00	215.00	40.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 28...	15	10	70	5.70	22.0	2.8

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

304336088360101 - C052 SALEM CHURCH

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 28...	1200	122MOCN	1028	4.00	-6.00	205.00	50.0	5.0	55	6.00	21.0	2.8

303846088452101 - E001 RAY WILSON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 29...	1600	122PCGL	1028	27.00	230.00	135	10	2.0	220	7.70	3.2

303823088451901 - E006 R GLEN WILSON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 29...	1500	122PCGL	1028	236.00	150	5	10	200	7.30	2.8

303626088504601 - E018 J PADGETT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 23...	1115	122PCGL	1028	26	8.00	752.00	133	20	320	9.10	22.5	10

303418088523101 - E022 N J CASEY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 05...	1000	122PCGL	1028	28	280.00	60.0	10	10	320	7.80	21.0	3.0

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

303619088520601 - E051 MARIE RAILY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
NOV 1986 05...	1540	122MOCN	1028	27	8.00	760.00	100

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 05...	35	7.5	250	9.10	26.0	1.8

303537088434802 - F014 METHODIST CAMP

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	1705	122PCGL	1028	48	8.00	822.00	100	25	363	19.5	20	

303833088332801 - G001 WADE SCHOOL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 31...	0905	122PCGL	1028	27	4.00	416.00	50.0	30	620	9.00	23.5	16

303649088335501 - G011 CASWELL SP M CH

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 28...	0900	122PCGL	1028	28	258.00	50.0	15	10	610	9.10	22.0	14

303611088334601 - G101 A E SCARBOROUGH

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 21...	1700	122MOCN	1028	27	294.00	44.0	15	10	710	9.00	22.0	19

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

303407088301001 - H012 FELIX COLEMAN

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 23...	1600	122MOCN	1028	27	-1.00	231.00	32.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	15	10	850	8.70	22.5	30

303523088290701 - H014 GUY D GOFF

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 27...	1500	122MOCN	1028	28	263.00	60.0	10	10	1140	8.80	140

303813088250401 - H037 PINE GROVE CH

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 27...	1600	121CRNL	1028	27	50.00	103	10	10	50	5.10	21.0	5.8

303141088445901 - J013 LESTER MALLETTE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
OCT 1986 23...	1545	122PCGL	1028	28		8.00	1100.00	65.0	25	700	23.0	82

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

302859088510701 - J038 J R CONWAY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 22...	1700	122PCGL	1028	26	8.00	1102.00	55.0
		PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 22...	30		6.0	692	9.00	24.0	55

303127088315601 - J094 MICKEY PAULUS

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 05...	1100	122PCGL	1028	28	522.00	50.0	10	10	410	8.90	4.7

302822088514001 - J157 ROBERT BORRIES

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 05...	0900	122MOCN	1028	27	408.00	42.0	10	10	276	8.00	23.5	3.0

303002088404101 - K038 HYGIENE FOODS

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1000	121GRMF	1028	28	144.00	20.0	10	10	38	5.80	4.8

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

302920088422401 - K041 H B CONRAD

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
NOV 1986 06...	1700	122PCGL	1028	27	47.00	800.00	60.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 06...	10	10	560	9.10	23.0	46

303026088423001 - K140 DR DEBELLO

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	0900	122MOCN	1028	28	390.00	62.0	10	10	455	9.10	22.5	6.8

303130088321501 - L007 ED BULLOCK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1330	122PCGL	1028	26	8.00	306.00	30.0	25	800	8.60	23.5	31

303005088365901 - L016 T B BIRDSONG

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1200	122PCGL	1028	28	437.00	20.0	10	850	8.90	120	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

302936088331601 - L032 ESCATAWPA UT DIST

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
JUN 1987 29...	1440	122PCGL	1028	26	0.10	245.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 1987 29...	5	265	690	8.10	22.0	56

303055088372801 - L122 BUDDIE BAILEY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1100	122MOCN	1028	27	443.00	35.0	10	10	810	9.00	120

303137088321201 - L124 J D BULLOCK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1220	121GRMF	1028	26	8.00	200.00	25.0	20	620	7.60	23.0	26	

303214088242801 - M001 GUSSIE STORK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 22...	1700	122MOCN	1028	294.00	55.0	15	10	470	7.50	23.0	86

303201088312001 - M009 J H BULLOCK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1655	122PCGL	1028	26	8.00	684.00	31.0	15	740	23.0	18	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

303118088271201 - M016 T E BEASLEY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 23...	1500	122PCGL	1028	0.0	273.00	29.0	15	10	1170	7.50	23.0	120

302856088250001 - M025 J W GARNER

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
OCT 1986 22...	1530	122PCGL	1028	1	4.00	-6.00	352.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 22...	20.0	20	1380	8.80	24.0	180

303129088271001 - M046 LILLY ORCH BAPT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 28...	1510	122MOCN	1028	26	8.00	389.00	20.0	35	1080	8.80	22.5	100	

302838088242901 - M061 T E PATTERSON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
DEC 1986 04...	1000	122MOCN	1028	5	4.00	433.00	10.0	30	5.0	1350	26.0	210

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

303202088312301 - M165 KENNETH CLARKE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 29...	1430	122PCGL	1028	1	4.00	1163.00	30.0
DEC 03...	1400	122PCGL	1028	27	4.00	1163.00	30.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	--	--	1000	8.80	27.0	68
DEC 03...	30	5.0	1000	--	26.0	70

303150088302601 - M186 W A GREEN

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1545	122MOCN	1028	26	8.00	670.00	31.0	25	660	9.00	23.5	17

302859088240801 - M234 JAMES I POOLE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
DEC 1986 03...	1230	122MOCN	1028	27	4.00	-11.00	398.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
DEC 1986 03...	13.0	20	5.0	1150	26.5	210

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

303027088244401 - M237 KENNY GENTRY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
NOV 1986 06...	1500	122MOCN	1028	27	10.00	315.00	37.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 06...	10	10	1050	8.30	22.0	160

302843088245801 - M239 JOHN MOIRE, JR

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 06...	1400	122MOCN	1028	435.00	13.0	10	10	1460	8.80	22.0	190

302836088250301 - M241 FRANKLIN CREEK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
NOV 1986 06...	1300	122MOCN	1028	1	14.00	355.00	12.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 06...	10	10	1350	8.80	22.0	200

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

302853088241101 - M243 ERIC POOLE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
DEC 1986 03...	1330	122MOCN	1028	27	4.00	-11.00	405.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
DEC 1986 03...	15.0	20	5.0	1060	26.5	170

303202088313001 - M250 MILTON BULLOCK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1450	122MOCN	1028	26	8.00	572.00	35.0	30	780	9.00	23.5	18

302721088501701 - N013 SAM SEYMOUR

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 24...	1120	122PCGL	1028	26	8.00	1257.00	42.0	20	2000	9.60	22.0	450

302409088494401 - N122 DR O L EZELL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 22...	1100	122PCGL	1028	31	8.00	1205.00	18.0	1500	320	

302158088461701 - N425 GULF PARK EST

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 24...	0930	122PCGL	1028	26	8.00	1055.00	10.0	30	830	9.20	29.0	110

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

302338088453901 - N462 GULF PARK EST

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 24...	1015	121GRMF	1028	26	8.00	519.00	15.0	25	500	9.30	25.0	10

302730088503402 - N531 R S MALLETT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 04...	1600	122MOCN	1028	27	465.00	40.0	10	10	298	8.50	24.5	3.5

302643088424701 - 0005 C SEYMOUR

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 05...	1700	122MOCN	1028	28	798.00	24.0	10	10	690	9.30	22.5	34

302155088431501 - 0074 JAMES GRIMSLEY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
OCT 1986 22...	1435	122PCGL	1028	28	1395.00	10.0	35	2010	500

302430088424501 - 0234 W O S M RADIO

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
NOV 1986 05...	1400	122MOCN	1028	28	615.00	23.0	5	5.0	1000	8.60	88

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

302102088413001 - 0311 CHARLIE H LYLES

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 05...	1300	122MOCN	1028	567.00	11.0	10	10	575	9.00	11

302627088324801 - P021 E B SHERMAN

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
OCT 1986 29...	1050	122PCGL	1028	1	4.00	--	1220.00
DEC 03...	1100	122PCGL	1028	27	4.00	-12.00	1220.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	14.0	--	--	1850	8.60	26.5	330
DEC 03...	14.0	30	5.0	1850	--	25.5	340

302244088325801 - P068 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
JUL 1987 01...	1337	121GRMF	1028	26	0.10	292.00	12.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 1987 01...	5	370	760	8.00	23.0	120

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

302241088321701 - P069 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
JUL 1987 01...	1357	121GRMF	1028	26	0.10	302.00	14.0
		PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 1987 01...		5	470	1000	7.90	23.0	180

302231088335301 - P080 SMITH FISHERIES

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 22...	1100	122MOCN	1028	27	539.00	3.0	10	10	700	8.20	78

302134088330803 - P124 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
JUL 1987 01...	1327	122PCGL	1028	26	0.10	801.00	11.0
		PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 1987 01...		5	400	1500	8.50	27.0	340

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

302120088330001 - P145 INGALLS

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
JUL 1987 01...	1158	122PCGL	1028	26	0.10	805.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 1987 01...	5	1750	2200	8.40	23.0	600

302744088330001 - P369 OTIS BARNES

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 06...	0900	121GRMF	1028	392.00	5.0	10	10	760	9.10	23.5	62

302623088311101 - Q016 THIOKOL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 29...	1000	122PCGL	1028	26	8.00	967.00	7.0	1900	23.0	340

302122088312401 - Q164 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 23...	1400	122PCGL	1028	5	8.00	682.00	10.0
JUL 1987 01...	1454		1028	26	0.10	682.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	--	250	1750	--	26.0	370
JUL 1987 01...	5	250	1700	8.50	27.0	400

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

JACKSON COUNTY--Continued

302130088312901 - Q180 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 22...	1440	122PCGL	1028	5	8.00	663.00	10.0
JUL 1987 01...	1424		1028	26	0.10	663.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 22...	60	250	1580	8.70	26.0	310
JUL 1987 01...	5	500	1290	8.60	27.0	250

302128088313101 - Q181 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 22...	1300	122PCGL	1028	1	8.00	682.00	10.0
JUL 1987 01...	1441		1028	26	0.10	682.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 22...	>100	--	1560	8.70	26.0	320
JUL 1987 01...	5	200	1500	8.60	28.0	330

302813088305601 - Q358 JOHN E SMITH

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
DEC 1986 04...	1000	121GRMF	1028	27	4.00	363.00	10.0	20	5.0	1450	24.0	220

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
JACKSON COUNTY--Continued

302813088253001 - Q383 HUBERT COWART

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
OCT 1986 23...	1300	121GRMF	1028	27	4.00	-10.00	410.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	14.0	15	1200	8.70	23.5	130

302632088251201 - Q394 HENNY STORK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)
OCT 1986 23...	1200	122MOCN	1028	27	E-3.00	330.00	7.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	15	10	990	8.00	23.0	130

302539088270601 - Q419 JACKSON CO

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
OCT 1986 23...	1130	121GRMF	1028	28	220.00	9.0	15	10	380	7.10	23.0	28

302627088313701 - Q434 MOSS POINT

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
NOV 1986 06...	0800	121GRMF	1028	435.00	10.0	10	400	810	9.30	24.0	56

QUALITY OF GROUND WATER

383

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

LEFLORE COUNTY

333146090244401 - J074 STEVE SCOTT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN-TANEOUS (GPM)	COLOR (PLAT-INUM-COBALT UNITS)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)
DEC 1986 18...	1300	124MUWX	66666	1	8.00	1387.00	116	175	30	E1.6	E0.50
DATE		SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
DEC 1986 18...	E230		E1.4	489	<0.1	E16	E0.70	E14	E570	E110	E10

LOWNDES COUNTY

333355088282503 - C101 USCE 114C

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)
JUN 1987 03...	1430	211EUTW	1028	33	15.00	10.61	92.00	170	290	7.20	17.5

MADISON COUNTY

322514090080901 - W069 RIDGELAND

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	
DEC 1986 30...	1300	124SPRT	1028	1	8.00	257.98	1161.00	350	1430	
DATE		FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)
DEC 1986 30...	930		360	8.40	31.5	15	0.40	<0.10	90	0.50
DATE		ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
DEC 1986 30...	188		6.8	2.6	0.30	19	241	100	<10	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
MONROE COUNTY

340409088243801 - C057 USCE 89A

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
JUN 1987 03...	1055	211GORD	1028	33	15.00	8.46	166.00	245	115	6.30	18.0

340409088243802 - C058 USCE 89B

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
JUN 1987 03...	0955	211MCSN	1028	33	15.00	-0.25	45.00	245	139	6.20	18.0

PEARL RIVER COUNTY

305934089220901 - D026 A W NALL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 1987 02...	1130	122MOCN	1028	26	0.10	52.00	260	10	1450	21.0	460

QUALITY OF GROUND WATER

385

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PEARL RIVER COUNTY--Continued

305910089215801 - D053 JAMES HOLSTON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
OCT 1986 30...	0930	122MOCN	1028	30	8.00	75.30	370.00	260	30	15	73
DATE		PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)
OCT 1986 30...	6.00	22.0	12	0	3.6	0.80	11	61	1	2.2	
DATE		ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	BROMIDE DIS-SOLVED (MG/L AS BR)	SILICA, DIS-SOLVED (MG/L AS S102)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	BARIUM, DIS-SOLVED (UG/L AS BA)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE)	CADMIUM DIS-SOLVED (UG/L AS CD)
OCT 1986 30...	31	4.4	2.9	<0.010	50	87	94	12	<0.5	1	
DATE		COBALT, DIS-SOLVED (UG/L AS CO)	COPPER, DIS-SOLVED (UG/L AS CU)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT 1986 30...	<3	<10	8	<10	11	7	<10	50	<6	10	

PRENTISS COUNTY

344217088302801 - B035 NEW CANDLER W A

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)
JUN 1987 03...	0739	211EUTW	1028	26	0.10	460.00	540	10	125	279	6.80	18.0

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
RANKIN COUNTY

321945090060801 - F052 FLOWOOD

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)
JUL 1987 09...	1400	124SPRT	1028	26	0.10	895.00	270	5	500	398	8.90	31.5
DATE		COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)
JUL 1987 09...	10	0.50	0.20	<0.10	100	0.60	204	5.6	2.1	0.20	18	
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)
JUL 1987 09...	253	<0.020	0.230	<1	<100	2	10	<5	<10	<0.10	<1	

321602090040201 - K170 WASHINGTON W A

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	
JUL 1987 09...	1500	124CCKF	1028	26	0.10	760.00	393	5	150	643	
DATE		PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	HARD-NESS (MG/L AS CAC03)	NONCARB WH WAT TOT FLD (MG/L AS CAC03)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM
JUL 1987 09...	8.40	28.0	<5	0.80	2	0	0.50	0.20	140	99	
DATE		SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)
JUL 1987 09...	44	1.3	195	72	35	0.20	16	397	380	0.020	
DATE		PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)	
JUL 1987 09...	0.190	<1	<100	1	<10	<5	<10	<0.10	<10	<1	

QUALITY OF GROUND WATER

387

WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

SCOTT COUNTY

323406089400001 - A023 L & F W A

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
JUL 1987 22...	1615	124MUWX	1028	26	0.10	1230.00	415	5	140	600
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
JUL 1987 22...	8.80	22.0	40	2.0	7	0	2.0	0.50	140	97
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINEITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	
JUL 1987 22...	24	1.2	307	0.8	2.1	0.30	8.6	349	340	
DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
JUL 1987 22...	<0.020	0.480	<1	100	<1	600	30	<0.10	<1	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
SCOTT COUNTY--Continued

321540089413001 - N004 HOMESTEAD W A

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
JUL 1987 22...	1430	124SPRT	1028	26	0.10	1322.00	602	5	300	320
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
JUL 1987 22...	7.10	29.0	5	1.5	35	0	11	1.8	59	77
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
JUL 1987 22...	5	2.8	146	13	4.0	0.10	56	243	240	<0.020
DATE	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
JUL 1987 22...	0.070	<1	<100	<1	640	<5	20	<0.10	<1	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

SMITH COUNTY

320046089224201 - L012 SYLVARENA W A

DATE	TIME	GEO-LOGIC UNIT	AGENCY COLLECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAMPLING CONDITION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN)	FLOW RATE, INSTANTANEOUS (GPM)	SPECIFIC CONDUCTANCE (US/CM)
JUL 1987 22...	1100	124SPRT	1028	26	0.10	1086.00	375	5	220	440
DATE	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	HARDNESS (MG/L AS CAC03)	HARDNESS NONCARB WH WAT TOT FLD (MG/L AS CAC03)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNESIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM
JUL 1987 22...	8.80	28.0	5	0.70	1	0	0.40	0.10	100	99
DATE	SODIUM ADSORPTION RATIO	POTASSIUM, DIS-SOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLORIDE, DIS-SOLVED (MG/L AS CL)	FLUORIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L)	
JUL 1987 22...	38	1.1	219	11	2.8	0.20	20	288	270	
DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, DIS-SOLVED (UG/L AS MN)	SELENIUM, TOTAL (UG/L AS SE)	
JUL 1987 22...	<0.020	0.160	<1	<100	<1	20	<5	<10	<1	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
SMITH COUNTY--Continued

314943089255501 - R021 TAYLORSVILLE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
JUL 1987 22...	1033	122CTHL	1028	26	0.10	346.00	270	5	517	102
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
JUL 1987 22...	6.30	20.0	<5	1.5	10	0	2.8	0.70	22	80
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
JUL 1987 22...	3	1.9	35	8.8	2.0	0.10	55	114	110	<0.020
DATE	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
JUL 1987 22...	0.030	<1	<100	2	330	<5	20	<0.10	<1	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

TATE COUNTY

344118089582901 - B006 COLDWATER

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)
JUL 1987 13...	1617	124SPRT	1028	26	0.10	158.00	280	5	100	6.20
DATE	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	HARD-NESS (MG/L AS CAC03)	HARD-NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	PERCENT SODIUM	SODIUM AD-SORP-TION RATIO
JUL 1987 13...	21.0	<5	3.0	21	0	5.0	2.1	11	52	1
DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS S04)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	
JUL 1987 13...	0.50	31	0.4	9.8	<0.10	16	66	63	0.770	
DATE	PHOS-PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	SELE-NIUM, TOTAL (UG/L AS SE)	
JUL 1987 13...	<0.020	<1	<100	1	30	20	<10	<0.10	<1	

TISHOMINGO COUNTY

344638088200103 - D041 USCE 12B

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
JUN 1987 02...	1325	211EUTWR	1028	26	0.10	63.13	150.00
DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (GPM)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	
JUN 1987 02...	485	60	10	190	6.50	17.5	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
TISHOMINGO COUNTY--Continued

345033088192201 - D052 BURNSVILLE

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
JUN 1987 02...	1455	300PLZC	1028	26	0.10	280.00	520	10	350	118	6.40	17.0

344849088120401 - E006 IUKA

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
JUN 1987 02...	1558	337FRPN	1028	26	0.10	360.00	570	10	776	24	5.60	17.0

344711088114802 - E039 MIDWAY PLEASANT

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
JUN 1987 02...	1705	211GORD	1028	26	0.10	400.00	680	10	495	95	6.20	17.5

344218088184302 - G040 USCE 22B

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)
JUN 1987 11...	1015	211EUTWR	1028	26	0.10	174.97	240.00

DATE	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
JUN 1987 11...	625	35	5.0	162	5.70	17.0

343855088155380 - J071 USCE 1704-A DISPOSAL AREA WELL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
DEC 1986 11...	0900		1028	1004	0.11	21.45	32.00	440	285	4.80	--
JUN 1987 02...	0745		1028	1004	0.11	21.33	32.00	440	360	4.80	16.0

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

TISHOMINGO COUNTY--Continued

343855088155381 - J072 USCE 1704-B DISPOSAL AREA WELL

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)
DEC 1986 11...	0847		1028	1004	0.11	11.82	21.00	440	910	5.70	--
JUN 1987 02...	0750		1028	1004	0.11	14.86	21.00	440	890	5.60	16.0

UNION COUNTY

343000089032901 - G024 NEW ALBANY C C

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
AUG 1987 11...	0950	211RPLY	1028	5	8.00	310.00	380	30	51	418
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
AUG 1987 11...	8.40	18.0	<5	0.60	45	0	11	4.3	75	77
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
AUG 1987 11...	5	3.5	187	20	2.8	0.50	14	247	240	<0.020
DATE	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
AUG 1987 11...	<0.020	<1	<100	<1	40	<5	20	<0.10	<1	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987
UNION COUNTY--Continued

342434089012301 - M031 INGOMAR W A

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
AUG 1987 11...	0830	211GORD	1028	5	8.00	1180.00	410	30	221	438
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
AUG 1987 11...	8.20	23.0	<5	0.60	110	0	32	7.5	45	46
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS S04)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SI02)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
AUG 1987 11...	2	3.8	114	5.2	71	0.20	11	248	240	<0.020
DATE	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
AUG 1987 11...	<0.020	<1	100	<1	40	<5	60	<0.10	<1	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

UNION COUNTY--Continued

342412088522501 - N012 BLUE SPRINGS W A

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (GPM)	SPE- CIFIC CON- DUCT- ANCE (US/CM)
AUG 1987 10...	1500	211COFF	1028	5	8.00	512.00	460	30	130	352
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (NTU)	HARD- NESS (MG/L AS CAC03)	HARD- NESS NONCARB WH WAT TOT FLD MG/L AS CAC03	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	PERCENT SODIUM
AUG 1987 10...	8.80	19.0	<5	0.50	35	0	10	2.4	67	79
DATE	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SiO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)
AUG 1987 10...	5	3.1	162	4.0	12	1.4	10	209	210	<0.020
DATE	PHOS- PHORUS, TOTAL (MG/L AS P)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD)	IRON, DIS- SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)	SELE- NIUM, TOTAL (UG/L AS SE)	
AUG 1987 10...	<0.020	<1	<100	<1	30	<5	20	<0.10	<1	

QUALITY OF PRECIPITATION

Precipitation-quality stations are operated to provide data to concerned agencies pertaining to variations in precipitation chemistry in selected areas of Mississippi. The types of data obtained may be used for precipitation quality assessments. Samples are collected weekly on Tuesday and the analytical data are the result of a composite precipitation analysis. An automatic wet-dry precipitation collector is used to collect 7-day accumulations.

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

HANCOCK COUNTY

PRECIPITATION QUALITY STATION AT NSTL, MS

LOCATION.--Lat 30°21'55", long 89°37'45", in NW¼SW¼NW¼ sec.8, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, at the U.S. Geological Survey Hydrologic Instrument Facility located at NSTL

PERIOD OF RECORD.--Water years 1983 to current year.

INSTRUMENTATION.--Automatic sensing wet-dry precipitation collector and universal recording rain gage since October 1983.

REMARKS.--Sample preparation and field measurements by local observer.

DATE	ATM DEP WET TOTAL FOR PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	DATE	ATM DEP WET TOTAL FOR PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
OCT 01-07	0.04	80	3.95	MAR 31-			
07-14	3.35	11	4.70	APR 07	0.36	26	4.45
14-21	0.0	--	--	07-14	2.39	23	4.55
21-28	0.70	28	4.45	14-21	0.0	--	--
OCT 28-				21-28	0.0	--	--
NOV 04	0.0	--	--	APR 28-			
04-11	1.70	6	5.05	MAY 05	0.65	30	4.55
11-18	0.65	9	4.85	05-12	2.37	20	4.55
18-25	3.37	7	5.10	12-19	1.63	20	4.50
NOV 25-				19-26	5.68	26	4.35
DEC 02	2.69	--	--	MAY 26-			
02-09	0.0	--	--	JUN 02	0.0	--	--
09-16	2.84	22	4.45	02-09	1.39	13	4.70
16-23	2.00	17	4.60	09-16	1.69	9	4.90
23-30	0.0	--	--	16-23	1.51	16	4.65
DEC 30-				23-30	0.60	26	4.35
JAN 1987				JUN 30-			
-06	1.53	15	4.75	JUL 07	1.85	11	4.75
06-13	0.06	18	4.55	07-14	0.16	13	4.95
13-20	2.80	12	4.75	14-21	1.03	17	4.65
20-27	2.81	8	5.10	21-28	0.17	55	4.05
JAN 27-				JUL 28-			
FEB 03	0.65	17	4.85	AUG 04	0.21	74	3.85
03-10	0.95	24	4.45	04-11	1.90	20	4.45
10-17	1.85	11	5.05	11-18	7.99	8	5.15
17-24	3.70	15	4.60	18-25	0.0	--	--
FEB 24-				AUG 25-			
MAR 03	0.86	--	--	SEP 01	0.86	20	4.50
03-10	1.42	11	4.70	01-08	0.0	--	--
10-17	<0.01	--	--	08-15	0.17	20	4.50
17-24	5.74	11	5.05	15-22	0.05	40	4.25
24-31	2.42	10	4.90	22-29	0.0	--	--
				29-30	0.23	16	4.50

QUALITY OF PRECIPITATION

397

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

HANCOCK COUNTY--Continued

PRECIPITATION QUALITY STATION AT NSTL, MS--Continued

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	BROMIDE DIS- SOLVED (MG/L AS BR)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)
OCT 07-14	0.13	0.04	0.27	0.16	0.9	0.42	0.03	0.010	0.090	0.072	<0.005
OCT 21-28	0.21	0.16	1.4	0.06	1.8	2.4	0.02	0.020	0.300	0.129	<0.005
NOV 04-11	0.16	0.04	0.23	0.01	0.4	0.38	0.01	0.010	0.060	0.022	<0.005
NOV 11-18	0.09	0.04	0.15	0.01	0.9	0.31	<0.01	0.020	0.140	0.221	0.015
NOV 18-25	0.09	0.06	0.36	0.02	0.6	0.58	<0.01	0.010	0.060	0.180	0.026
DEC 09-16	0.16	0.04	0.35	0.02	1.7	0.67	0.02	0.010	0.200	0.129	<0.005
DEC 16-23	0.18	0.07	0.52	0.04	1.4	0.73	0.02	0.010	0.140	0.109	0.006
DEC 30- JAN 06	0.13	0.08	0.54	0.02	1.0	0.89	0.02	0.010	0.140	0.124	<0.005
JAN 13-20	0.19	0.05	0.36	0.03	1.0	0.52	0.02	0.010	0.080	0.069	0.005
JAN 20-27	0.16	0.06	0.31	0.01	0.7	0.50	0.01	0.010	0.050	0.026	0.005
JAN 27- FEB 03	0.24	0.13	1.1	0.09	1.4	1.8	0.04	0.020	0.160	0.243	0.006
FEB 03-10	0.20	0.04	0.14	0.12	2.4	0.31	0.02	0.010	0.260	0.285	0.076
FEB 10-17	0.50	0.10	0.49	0.08	1.5	0.77	0.02	0.010	0.170	0.257	0.011
FEB 17-24	0.40	0.08	0.21	0.05	1.8	0.33	0.01	0.010	0.140	0.208	<0.005
MAR 03-10	0.20	0.05	0.14	0.07	0.9	0.24	<0.01	0.010	0.110	0.109	0.011
MAR 17-24	0.20	0.10	0.69	0.12	0.9	1.3	0.06	0.010	0.090	0.101	0.004
MAR 24-31	0.24	0.04	0.09	0.03	1.1	0.22	<0.01	<0.010	0.100	0.181	0.007
MAR 31- APR 07	0.45	0.09	0.31	0.03	2.4	0.52	<0.01	<0.010	0.480	0.550	0.012
APR 07-14	0.39	0.07	0.37	0.09	1.9	0.65	0.02	<0.010	0.160	0.306	0.010
APR 28- MAY 05	0.48	0.16	0.90	0.17	2.1	1.8	0.06	<0.010	0.460	0.725	0.008
MAY 05-12	--	--	0.23	0.06	1.3	0.63	0.01	<0.010	0.290	<0.410	--
MAY 12-19	--	--	0.16	0.03	1.5	0.33	0.02	<0.010	0.350	0.220	--
MAY 19-26	--	--	0.22	0.03	1.8	0.64	0.01	<0.010	0.280	0.130	--
JUN 02-09	--	--	0.05	0.03	0.9	0.13	<0.01	<0.010	0.140	<0.010	--
JUN 09-16	--	--	0.18	<0.01	0.4	0.37	<0.01	<0.010	0.150	<0.010	--
JUN 16-23	--	--	0.20	0.06	0.9	0.43	0.01	<0.010	0.240	<0.010	--
JUN 23-30	--	--	0.05	0.03	1.6	0.13	0.05	<0.010	0.400	0.200	--
JUN 30- JUL 07	--	--	0.20	<0.01	0.5	0.47	<0.01	<0.010	0.160	<0.010	--
JUL 07-14	--	--	0.31	<0.01	0.7	0.50	0.10	0.010	<0.010	0.230	--
JUL 14-21	--	--	0.35	<0.01	1.0	0.68	0.01	0.010	0.120	<0.010	--
JUL 21-28	--	--	0.10	0.02	4.6	0.22	0.03	<0.010	<0.010	0.160	--
JUL 28- AUG 04	--	--	0.02	0.02	5.9	0.15	0.04	<0.010	<0.010	0.300	--
AUG 04-11	--	--	0.04	<0.01	1.5	0.13	0.01	0.010	0.310	0.130	--
AUG 11-18	--	--	0.11	<0.01	0.7	0.25	0.01	<0.010	0.110	0.090	--

QUALITY OF PRECIPITATION

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PERRY COUNTY

PRECIPITATION QUALITY STATION NEAR JANICE, MS

LOCATION.--Lat 31°01'52", long 88°59'09", in NW¼NW¼SE¼ sec.22, T.1 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, at the U.S. Forest Service Erambert Seed Orchard, on State Highway 29, 3.4mi east of Janice.

PERIOD OF RECORD.--Water years 1982 to current year.

INSTRUMENTATION.--Automatic sensing wet-dry precipitation collector and universal recording rain gage since February 1982.

REMARKS.--Sample preparation and field measurements by local observer.

DATE	ATM DEP WET TOTAL FOR PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	DATE	ATM DEP WET TOTAL FOR PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
OCT 01-07	0.50	16	4.50	MAR 31-			
07-14	1.19	13	4.45	APR 07	0.54	16	4.55
14-21	0.0	--	--	07-14	0.59	11	4.75
21-28	0.77	--	4.45	14-21	0.0	--	--
OCT 28-				21-28	0.0	--	--
NOV 04	<0.01	--	--	APR 28-			
04-11	3.30	7	4.65	MAY 05	0.18	20	5.70
11-18	0.20	25	4.25	05-12	5.09	28	4.35
18-25	2.65	14	4.45	12-19	0.63	32	4.25
NOV 25-				19-26	2.60	34	4.15
DEC 02	2.79	10	4.75	MAY 26-			
02-09	0.0	--	--	JUN 02	0.02	--	--
09-16	2.08	16	4.40	02-09	0.30	30	4.25
16-23	3.18	12	4.45	09-16	1.68	6	6.90
23-30	0.45	23	4.45	16-24	1.32	15	4.85
DEC 30-				24-30	0.44	28	4.25
JAN 1987				JUN 30-			
-06	1.17	20	4.45	JUL 07	2.49	11	5.65
06-13	0.20	26	4.25	07-14	0.07	26	4.70
13-20	2.95	18	4.55	14-21	0.02	--	--
20-27	3.00	9	4.75	21-28	0.40	55	3.90
JAN 27-				JUL 28-			
FEB 03	0.32	15	4.60	AUG 04	1.62	37	4.20
03-10	1.32	19	4.35	04-11	0.25	12	4.85
10-17	2.20	11	4.75	11-18	5.85	11	4.75
17-24	1.32	--	--	18-25	0.01	--	--
FEB 24-				AUG 25-			
MAR 03	3.27	19	4.45	SEP 01	0.75	22	4.55
03-10	1.72	10	4.55	01-08	0.08	42	4.10
10-17	0.05	--	--	08-15	<0.01	--	--
17-24	2.68	13	4.90	15-22	0.34	14	5.20
24-31	0.89	10	5.15	22-29	0.0	--	--
				29-30	1.33	9	4.80

QUALITY OF PRECIPITATION

399

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

PERRY COUNTY--Continued

PRECIPITATION QUALITY STATION NEAR JANICE, MS--Continued

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	BROMIDE DIS- SOLVED (MG/L AS BR)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)
OCT 01-07	0.19	0.08	0.51	0.31	1.2	0.79	0.03	0.020	0.170	0.067	0.009
OCT 07-14	0.13	0.06	0.17	0.33	1.1	0.29	0.02	0.020	0.140	0.085	0.007
OCT 21-28	0.22	0.15	1.2	0.06	1.4	2.1	0.03	0.020	0.180	0.090	0.008
NOV 04-11	0.16	0.03	0.22	0.01	0.5	0.39	<0.01	0.010	0.060	0.144	0.013
NOV 11-18	0.45	0.11	0.42	0.05	2.8	0.56	0.07	0.020	0.310	0.630	<0.005
NOV 18-25	0.27	0.10	0.51	0.15	1.5	0.74	0.02	0.020	0.110	0.088	--
NOV 25- DEC 02	0.03	0.09	0.14	0.02	1.0	0.25	0.05	0.010	0.100	0.113	<0.005
DEC 09-16	0.13	0.04	0.23	0.06	1.4	0.41	0.04	0.010	0.150	0.142	<0.005
DEC 16-23	0.20	0.07	0.15	0.09	1.2	0.24	0.02	0.010	0.130	0.226	0.079
DEC 23-30	0.21	0.19	1.7	0.08	1.7	2.6	0.04	0.020	0.160	0.156	0.015
DEC 30- JAN 06	0.13	0.08	0.46	0.03	1.4	0.70	0.05	<0.010	0.230	0.187	0.020
JAN 06-13	0.46	0.13	0.40	0.09	--	--	--	--	--	0.299	0.063
JAN 13-20	0.25	0.09	0.40	0.03	1.5	0.67	0.06	0.010	0.110	0.108	0.035
JAN 20-27	0.22	0.06	0.22	0.04	0.8	0.39	0.04	0.010	0.040	0.042	0.057
JAN 27- FEB 03	0.40	0.20	0.68	0.07	1.3	1.1	0.02	0.020	0.130	0.159	0.036
FEB 03-10	0.22	0.09	0.13	0.01	1.6	0.20	0.02	<0.010	0.210	0.136	0.035
FEB 10-17	0.20	0.10	0.18	0.03	0.9	0.30	0.09	0.010	0.080	0.191	0.038
FEB 24- MAR 03	0.30	0.10	0.66	0.07	1.9	0.96	0.04	0.020	0.180	0.311	0.046
MAR 03-10	0.20	0.07	0.16	0.04	0.8	0.26	0.03	0.010	0.100	0.082	0.034
MAR 17-24	0.29	0.11	0.70	0.06	1.2	1.1	0.02	<0.010	0.110	0.151	0.040
MAR 24-31	0.39	0.10	0.45	--	1.7	0.39	0.15	<0.010	0.190	--	0.233
MAR 31- APR 07	0.33	0.07	0.22	0.04	1.5	0.28	0.06	<0.010	0.300	0.240	0.038
APR 07-14	0.38	0.08	0.30	0.15	1.3	0.43	0.03	<0.010	0.250	0.251	0.057
APR 28- MAY 05	0.55	0.13	0.55	0.17	2.4	0.91	0.03	<0.010	0.510	1.10	0.067
MAY 05-12	--	--	0.06	0.03	2.4	0.24	0.03	<0.010	0.310	0.250	--
MAY 12-19	--	--	0.18	0.23	2.9	0.32	0.03	<0.010	0.480	0.390	--
MAY 19-26	--	--	0.08	0.03	3.1	0.21	0.01	<0.010	0.300	0.160	--
JUN 02-09	--	--	0.26	0.04	2.8	0.14	<0.01	<0.010	0.230	0.110	--
JUN 09-16	--	--	0.20	0.16	0.7	0.32	0.02	<0.010	0.110	0.510	--
JUN 16-24	--	--	0.07	0.19	1.3	0.17	<0.01	<0.010	0.250	0.170	--
JUN 24-30	--	--	0.02	<0.01	1.9	0.07	0.01	<0.010	0.310	0.160	--
JUN 30- JUL 07	--	--	0.23	<0.01	0.7	0.23	<0.01	<0.010	0.180	0.030	--
JUL 21-28	--	--	<0.01	0.02	5.2	0.15	0.04	<0.010	0.500	0.290	--
JUL 28- AUG 04	--	--	<0.01	<0.01	3.5	<0.01	<0.01	<0.010	<0.010	0.240	--
AUG 04-11	--	--	0.48	0.01	0.8	0.82	0.01	0.010	0.180	<0.010	--
AUG 11-18	--	--	<0.01	0.04	0.9	<0.01	<0.01	<0.010	0.110	<0.010	--
AUG 25- SEP 01	--	--	0.22	<0.01	2.6	0.37	<0.01	<0.010	0.450	0.170	--
SEP 01-08	--	--	0.10	<0.01	3.7	0.31	0.06	<0.010	0.470	0.290	--
SEP 15-22	--	--	0.07	<0.01	0.7	0.17	0.02	<0.010	0.240	0.040	--
SEP 29-30	--	--	0.02	<0.01	0.7	0.02	<0.01	<0.010	0.050	0.030	--

QUALITY OF PRECIPITATION

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

WILKINSON COUNTY

PRECIPITATION QUALITY STATION NEAR ROSETTA, MS

LOCATION.--Lat 31°17'34", long 91°08'11", in SE¼NW¼SW¼ sec.26, T.4 N., R.1 E., Washington Meridian, Wilkinson County, Hydrologic Unit 08060205, on oil well service road, 0.1 mi southeast of U.S. Forest Service Route 193, in the Homochitto National Forest, 2.5 mi southwest of Rosetta.

PERIOD OF RECORD.--Water years 1986 to current year.

INSTRUMENTATION.--Automatic sensing wet-dry precipitation collector and universal recording rain gage since February 1986.

REMARKS.--Sample preparation and field measurements by local observer.

DATE	ATM DEP WET TOTAL FOR PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	DATE	ATM DEP WET TOTAL FOR PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
OCT				MAR 31-			
01-07	0.13	34	4.15	APR 07	0.30	17	4.55
07-14	2.82	5	4.80	07-14	1.23	17	4.60
14-21	0.0	--	--	14-21	0.0	--	--
21-28	1.07	9	4.55	21-28	0.0	--	--
OCT 28-				APR 28-			
NOV 04	0.0	--	--	MAY 05	0.30	20	4.75
04-11	2.30	7	4.80	05-12	0.80	12	4.65
11-18	0.15	34	4.25	12-19	4.50	18	4.40
18-25	8.47	5	5.00	19-26	1.25	17	4.45
NOV 25-				MAY 26-			
DEC 02	0.15	12	6.20	JUN 02	0.0	--	--
02-09	0.45	18	4.70	02-09	0.0	--	--
09-16	3.10	8	4.80	09-16	2.90	6	4.65
16-23	3.10	7	4.65	16-23	1.30	10	4.60
23-30	0.0	--	--	23-30	0.32	14	4.60
DEC 30-				JUN 30-			
JAN 1987				JUL 07	0.87	11	4.55
-06	1.00	7	4.85	07-14	3.69	11	4.65
06-13	0.20	16	4.40	14-21	1.00	28	4.25
13-20	3.68	8	4.90	21-28	2.80	20	4.35
20-27	1.38	9	4.75	JUL 28-			
JAN 27-				AUG 04	1.50	28	4.25
FEB 03	0.15	24	4.70	04-11	1.66	12	4.55
03-10	1.27	11	4.55	11-18	0.45	7	4.80
10-17	1.90	4	5.25	18-25	0.35	18	4.50
17-24	2.63	15	4.45	AUG 25-			
FEB 24-				SEP 01	0.15	48	4.00
MAR 03	3.85	6	4.95	01-08	0.05	45	4.15
03-10	1.65	10	4.65	08-15	1.20	18	4.35
10-17	0.05	18	4.95	15-22	0.65	7	6.05
17-31	5.32	--	--	22-29	2.95	16	4.40
				29-30	0.0	--	--

QUALITY OF PRECIPITATION

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PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1986 TO SEPTEMBER 1987

WILKINSON COUNTY--Continued

PRECIPITATION QUALITY STATION NEAR ROSETTA, MS--Continued

DATE	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	BROMIDE DIS- SOLVED (MG/L AS BR)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)
OCT 07-14	0.25	0.08	0.28	0.04	0.9	0.23	0.01	0.010	0.060	0.079	0.027
OCT 21-28	0.35	0.12	0.47	0.05	0.6	0.89	0.03	0.020	0.140	0.100	0.044
NOV 04-11	0.13	0.07	0.16	0.02	0.7	0.22	<0.01	0.010	0.110	0.082	0.023
NOV 18-25	0.17	0.06	0.19	0.02	0.7	0.28	0.02	0.010	0.070	0.139	0.043
DEC 02-09	0.31	0.11	0.69	0.05	2.1	0.87	0.04	0.020	0.160	0.037	0.013
DEC 09-16	0.21	0.07	0.21	0.03	0.9	0.30	0.03	0.010	0.090	0.165	0.022
DEC 16-23	0.20	0.08	0.30	0.02	0.9	0.22	0.03	0.010	0.100	0.141	0.032
DEC 30- JAN 06	0.22	0.08	0.25	0.02	0.9	0.24	0.02	0.010	0.110	0.111	0.033
JAN 06-13	0.39	0.13	0.45	0.36	2.2	0.55	0.07	0.020	0.220	0.272	0.040
JAN 13-20	0.25	0.10	0.27	0.05	1.2	0.25	0.07	0.010	0.090	0.141	0.040
JAN 20-27	0.34	0.14	0.62	0.05	1.3	0.85	0.06	0.010	0.100	0.120	0.044
FEB 03-10	0.36	0.13	0.37	0.03	1.5	0.22	0.03	0.010	0.200	0.151	0.060
FEB 10-17	0.30	0.10	0.14	0.02	0.6	0.22	0.06	0.010	0.080	0.105	0.061
FEB 17-24	0.40	0.10	0.20	0.05	1.6	0.22	0.08	0.030	0.150	0.218	0.560
FEB 24- MAR 03	0.20	0.10	0.23	0.03	0.9	0.34	0.04	0.010	0.070	0.167	0.014
MAR 03-10	0.32	0.11	0.16	0.04	0.9	0.25	0.03	0.010	0.140	0.130	0.053
MAR 31- APR 07	0.64	0.13	0.31	0.11	2.2	0.44	0.10	<0.010	0.400	0.320	0.062
APR 07-14	0.59	0.14	0.58	0.12	1.9	0.75	0.04	0.010	0.210	1.40	0.061
APR 28- MAY 05	0.82	0.16	0.81	0.46	2.8	1.5	0.14	<0.010	0.220	0.980	0.062
MAY 05-12	--	--	0.11	0.08	1.2	0.25	0.02	<0.010	0.340	0.340	--
MAY 12-19	--	--	0.06	0.03	1.6	0.14	0.02	<0.010	0.250	0.190	--
MAY 19-26	--	--	0.14	0.04	1.4	0.26	0.02	<0.010	0.300	0.180	--
JUN 09-16	--	--	0.06	0.04	0.5	0.17	<0.01	<0.010	0.090	<0.010	--
JUN 16-23	--	--	0.18	<0.02	0.8	0.28	<0.01	<0.010	0.230	0.070	--
JUN 23-30	--	--	0.17	0.04	1.2	0.28	0.02	<0.010	0.370	0.290	--
JUN 23-30	--	--	0.17	0.04	1.2	0.28	0.02	<0.010	0.370	0.290	--
JUN 30- JUL 07	--	--	0.17	<0.01	0.9	0.29	0.01	<0.010	0.220	0.060	--
JUL 07-14	--	--	0.03	<0.01	0.8	0.09	0.02	<0.010	0.140	0.140	--
JUL 14-21	--	--	0.11	0.01	2.5	0.24	0.03	<0.010	0.220	0.120	--
JUL 21-28	--	--	<0.01	0.01	1.7	0.08	0.01	<0.010	0.190	0.060	--
JUL 28- AUG 04	--	--	<0.01	<0.01	3.1	<0.01	<0.01	0.010	<0.010	0.250	--
AUG 04-11	--	--	0.11	<0.02	0.9	0.19	<0.01	<0.010	<0.230	0.050	--
AUG 11-18	--	--	0.04	0.02	0.6	0.09	0.01	0.010	0.100	<0.010	--
AUG 18-25	--	--	0.26	<0.14	1.8	0.40	0.01	<0.010	0.360	0.280	--
AUG 25- SEP 01	--	--	0.29	<0.01	5.0	0.64	0.05	<0.010	0.610	0.400	--
SEP 08-15	--	--	<0.01	<0.01	1.7	0.09	0.01	<0.010	0.230	0.160	--
SEP 15-22	--	--	0.08	<0.01	0.4	0.20	<0.01	<0.010	0.130	0.330	--
SEP 22-29	--	--	0.01	<0.01	1.2	0.06	0.02	<0.010	0.200	0.080	--

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

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

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

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