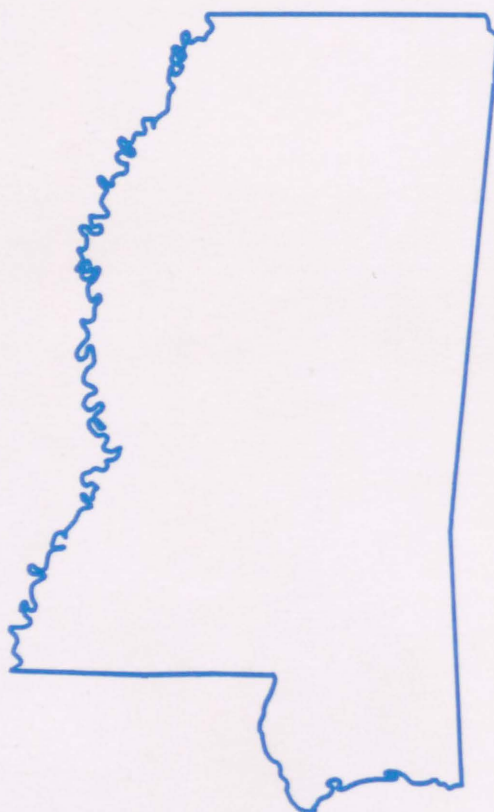
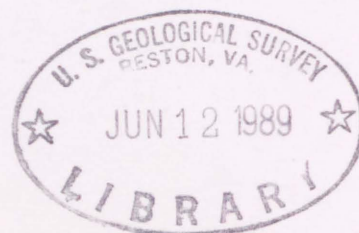


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Water Resources Data Mississippi Water Year 1988



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-88-1
Prepared in cooperation with the Mississippi Department of
Natural Resources and with other State, county, municipal
and Federal agencies

CALENDAR FOR WATER YEAR 1988

1987

OCTOBER

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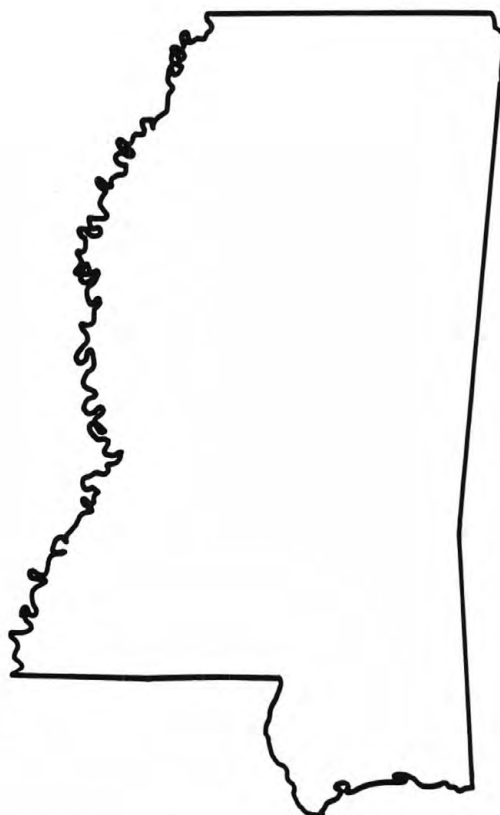
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Water Resources Data Mississippi

Water Year 1988

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



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-88-1

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

MANUEL LUJAN, JR., 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

1989

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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This report was prepared in cooperation with the State of Mississippi and with other agencies under the general supervision of Michael W. Gaydos, District Chief, Mississippi.

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16. Abstract (Limit: 200 words) Water resources data for the 1988 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 70 gaging stations; stage records for 19 of these gaging stations; stage only at 6 gaging stations; water quality for 11 streamflow gaging stations, 2 ungaged stream sites, 3 precipitation quality stations, and 205 wells; and water levels for 498 observation wells. Also included are peak-discharge data for 55 crest-stage partial-record stations, discharge data at 5 flood hydrograph partial-record stations and 158 low-flow partial-record stations, and water quality data at 12 partial-record or miscellaneous sites and 26 short-term study sites. Locations of these sites are shown on Figures 7-9. 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, 1988

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 70 streamflow-gaging stations, stage records for 19 of these gaging stations, stage only at 6 gaging stations, for 301 partial-record or miscellaneous streamflow stations, including 5 flood hydrograph partial-record stations, 55 crest-stage partial-record stations, 158 low-flow partial-record stations, and 83 special study and miscellaneous sites; (2) water-quality records for 11 streamflow-gaging stations, 2 ungaged streamsites, 12 partial-record or miscellaneous sites, 26 short-term study sites, and 205 wells; and (3) water-level records for 505 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-88-1." 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, John R. Tabb, Director.
Pat Harrison Waterway District, James B. Borsig, 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, Bobby Eleuterius, President.
Harrison County Development Commission, L.J. Patterson, President.
Jackson County Board of Supervisors, Carroll L. Clifford III, President.
Jackson County Port Authority, Johnny S. Tillman, President.
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 38 streamflow-gaging stations and 7 crest-stage gages, 17 surface-water quality sites and 2 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.

WATER RESOURCES DATA FOR MISSISSIPPI, 1988

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Annual mean streamflow was below normal in most streams in Mississippi during the 1988 water year. Comparisons of monthly mean and annual mean discharges in the 1988 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 varied greatly during the first 5 and last 2 months of the water year, but were consistently below normal from March through July.

Runoff of the Tombigbee River at Columbus Lock and Dam near Columbus was 8.41 inches for the water year, or 44% of the median annual runoff of 18.89 inches for the reference period 1951-80. Discharge was below normal in the months of January through June (fig. 1) when the monthly mean discharges were 48, 50, 32, 58, 19 and 33 percent of the median monthly means, respectively, for the reference period. Discharge was above normal in September when the monthly mean discharge was 222 percent of the median monthly mean for the reference period. Monthly mean discharges for other months were within the normal range (+ 25 percent of the median for the reference period).

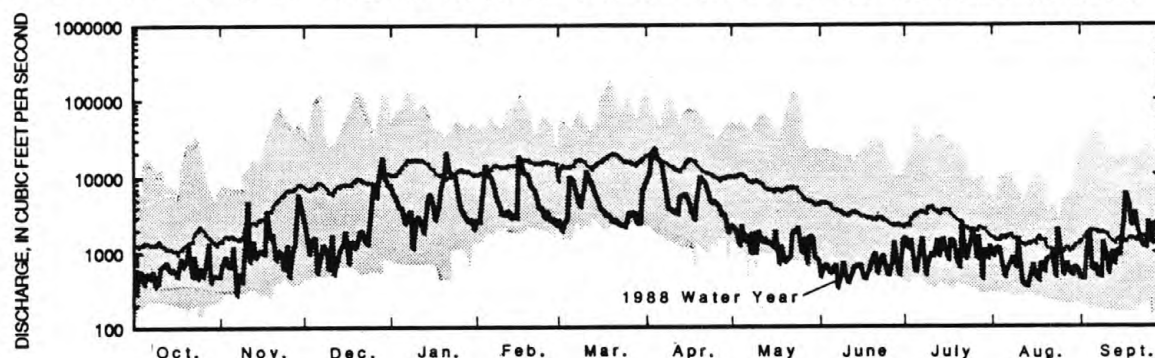


Figure 1.--Relation of daily mean discharge of Tombigbee River at Columbus Lock and Dam near Columbus during 1988 water year to maximum, mean, and minimum daily mean discharge for period of record.

Runoff of the Pascagoula River at Merrill was 11.56 inches for the water year, or 60 percent of the median annual runoff for the reference period (19.37 inches). Discharge was below normal in the months of October, December, January, March, May, June and July (fig. 2) when the monthly mean discharges were 55, 38, 54, 57, 31, 45, and 77 percent of the median monthly means, respectively, for the reference period. Discharge was above normal in September when the monthly mean discharge was 414 percent of the median monthly mean for the reference period. Monthly mean discharges for other months were within the normal range.

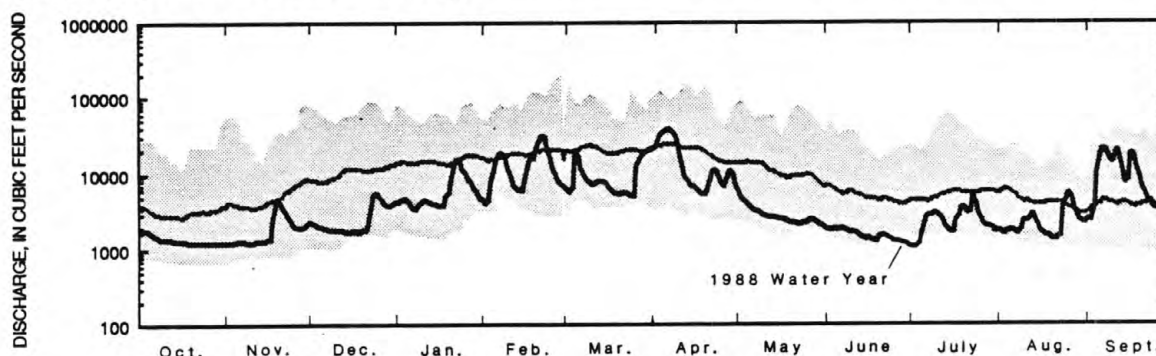


Figure 2.--Relation of daily mean discharge of Pascagoula River at Merrill during 1988 water year to maximum, mean, and minimum daily mean discharge for period of record.

Runoff of the Big Black River near Bovina was 9.60 inches for the water year, or 60 percent of the median annual runoff for the reference period (16.04 inches). Discharge was below normal in the months of October, March, May, June, July, and August (fig. 3) when the monthly mean discharges were 40, 48, 12, 19, 29, and 43 percent of the median monthly means, respectively, for the reference period. Discharge was above normal in November when the monthly mean discharge was 900 percent of the median monthly mean for the reference period. Monthly mean discharges for other months were within the normal range.

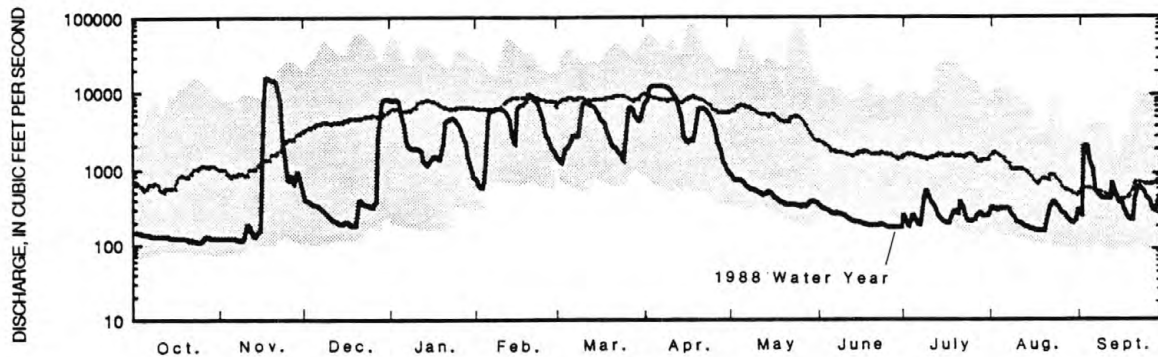


Figure 3.--Relation of daily mean discharge of Big Black River near Bovina during 1988 water year to maximum, mean, and minimum daily mean discharge for period of record.

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 occurs 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 1988 water year, except for the Mississippi River where dissolved-solids concentrations ranged from 196 to 260 mg/L. Ranges of concentrations of dissolved solids in selected streams are given in the following table:

	Dissolved-solids concentration, in milligrams per liter	
	Minimum	Maximum
Pascagoula River near Benndale	48	165
Yazoo River at Redwood	70	145
Big Black River near Bovina	57	152
Homochitto River at Rosetta	42	60

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 concentration, in milligrams per liter	
	Minimum	Maximum
Pascagoula River near Benndale	2	62
Yazoo River at Redwood	66	395
Big Black River at Bovina	37	1,520
Homochitto River near Rosetta	4	665

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
Pascagoula River near Benndale	7.0	9.1
Yazoo River at Redwood	7.3	8.5
Big Black River near Bovina	6.3	8.9
Homochitto River at Rosetta	7.0	10.2

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. Ranges of pH concentrations at sites on selected streams are given in the following table.

	pH, in standard units	
	Minimum	Maximum
Pascagoula River near Benndale	5.8	7.1
Yazoo River at Redwood	6.9	7.8
Big Black River at Bovina	6.7	7.6
Homochitto River near Rosetta	6.6	7.0

Ground-Water Levels

Ground-water levels in most artesian aquifers statewide continued long-term declines in the latter part of the 1988 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 4.

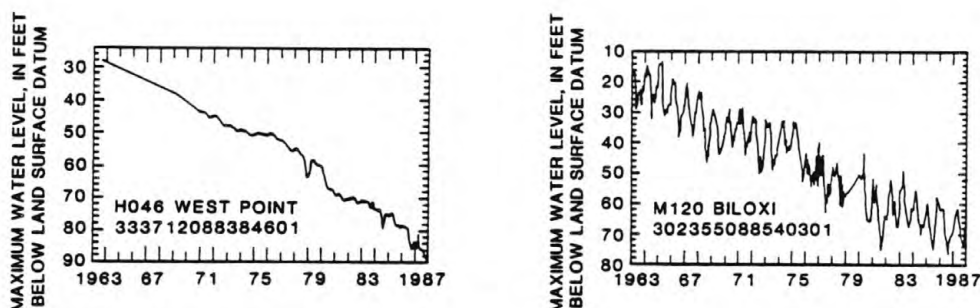


Figure 4.--Hydrographs of wells in the Gordo Formation at West Point and the Graham Ferry Formation at Biloxi.

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 and Sparta wells in the Jackson area. Water levels in smaller domestic wells screened in the Vicksburg Group and Forest Hill Sand generally declined about 1 foot.

In northeastern Mississippi, water levels in the Eutaw-McShan aquifer and Tuscaloosa aquifer systems 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 to 2 feet 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 3 feet throughout much of the northern part of the area, commonly known as the Delta. In the central part of the Delta where seasonal irrigation and fish farming place large demands on ground water, water-level declines in the shallow alluvial aquifer exceeded 3 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 $\mu\text{S}/\text{cm}$ to as much as 46 $\mu\text{S}/\text{cm}$. The specific conductance of precipitation ranged from 5 to 46 $\mu\text{S}/\text{cm}$ at the John C. Stennis Space Center near Bay St. Louis on the Mississippi Gulf Coast, from 6 to 42 $\mu\text{S}/\text{cm}$ at the site near Janice in Perry County, and from 3 to 44 $\mu\text{S}/\text{cm}$ 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 4.20 to 6.05 units and had a median pH value of 4.75 units. Near Janice the pH ranged from 4.05 to 5.10 units and the median value was 4.65 units. The pH ranged from 4.00 to 5.70 units and the median value was 4.70 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 7, 8, and 9. 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 5 below.

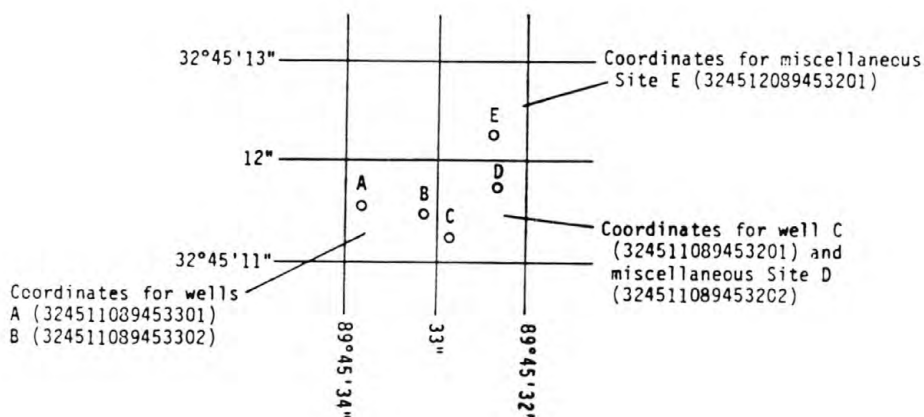


Figure 5.--System for numbering wells and miscellaneous sites (latitude and longitude).

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 7 and 8.

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:

<u>Sample Source</u>	<u>Sampling Condition</u>
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:

<u>PRINTED OUTPUT</u>	<u>REMARK</u>
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 9.

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 or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m^3), and periphyton and benthic organisms in grams per square meter (g/m^2).

Dry mass refers to the mass of residue present after drying in an oven at 105°C for zoo-plankton 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 um 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 ($\mu\text{g/L}$, $\mu\text{g/L}$) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

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

National Geodetic Vertical Datum of 1929 (NGVD 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.....	Hexagenia
Species.....	Hexagenia limbata

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."

- 1-D1. Water temperature--influential factors, field measurement, and data presentation, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 1-D2. Guidelines for collection and field analysis of ground-water samples for selected unstable constituents, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.
- 2-D1. Application of surface geophysics to ground-water investigations, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.
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- 8-B2. Calibration and maintenance of vertical-axis type current meters, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

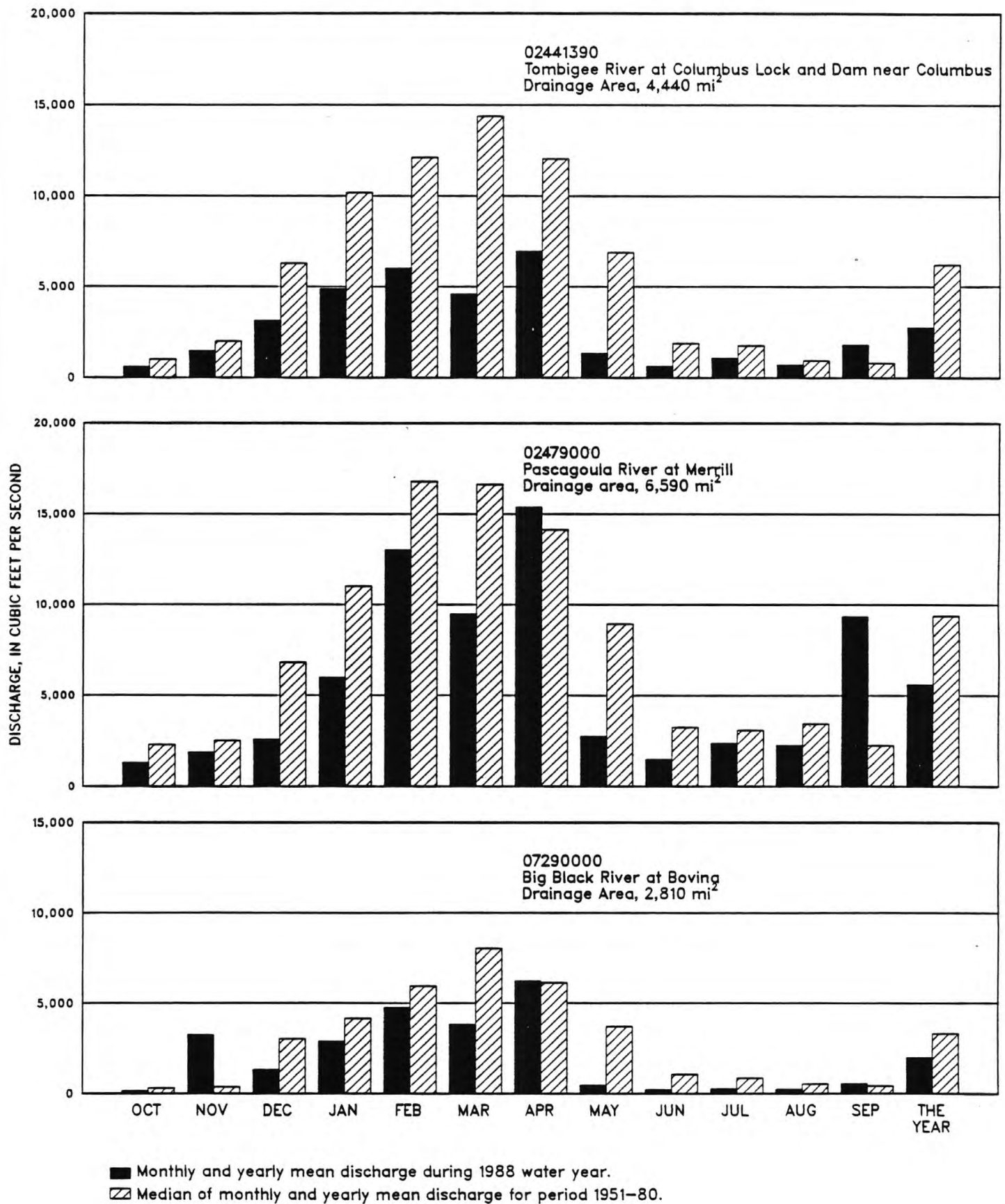


FIGURE 6.—Comparison of discharge during 1988 water year with median discharge for period 1951-80 for three representative gaging stations

WATER RESOURCES DATA FOR MISSISSIPPI, 1988

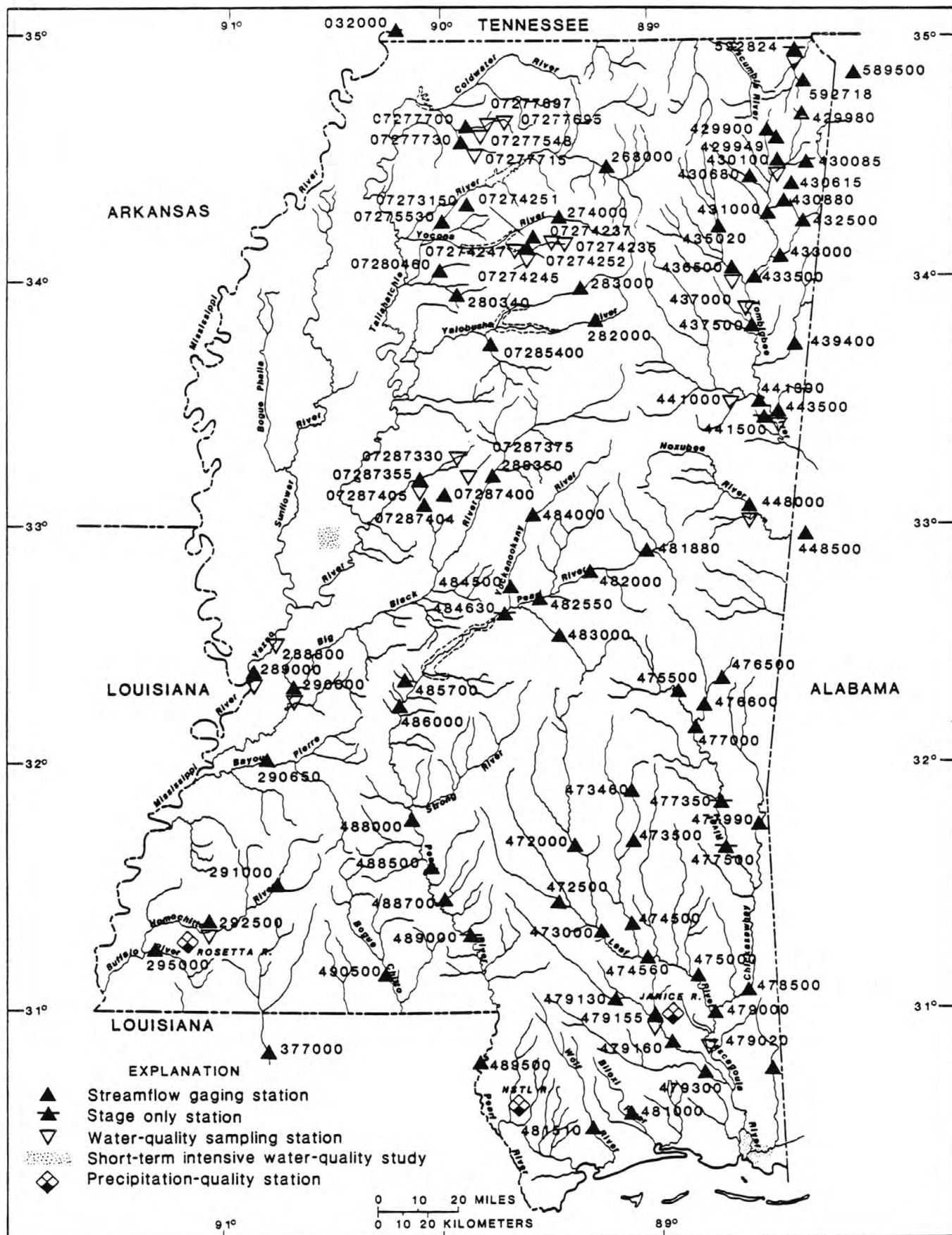


Figure 7.--Location of hydrologic-data stations.

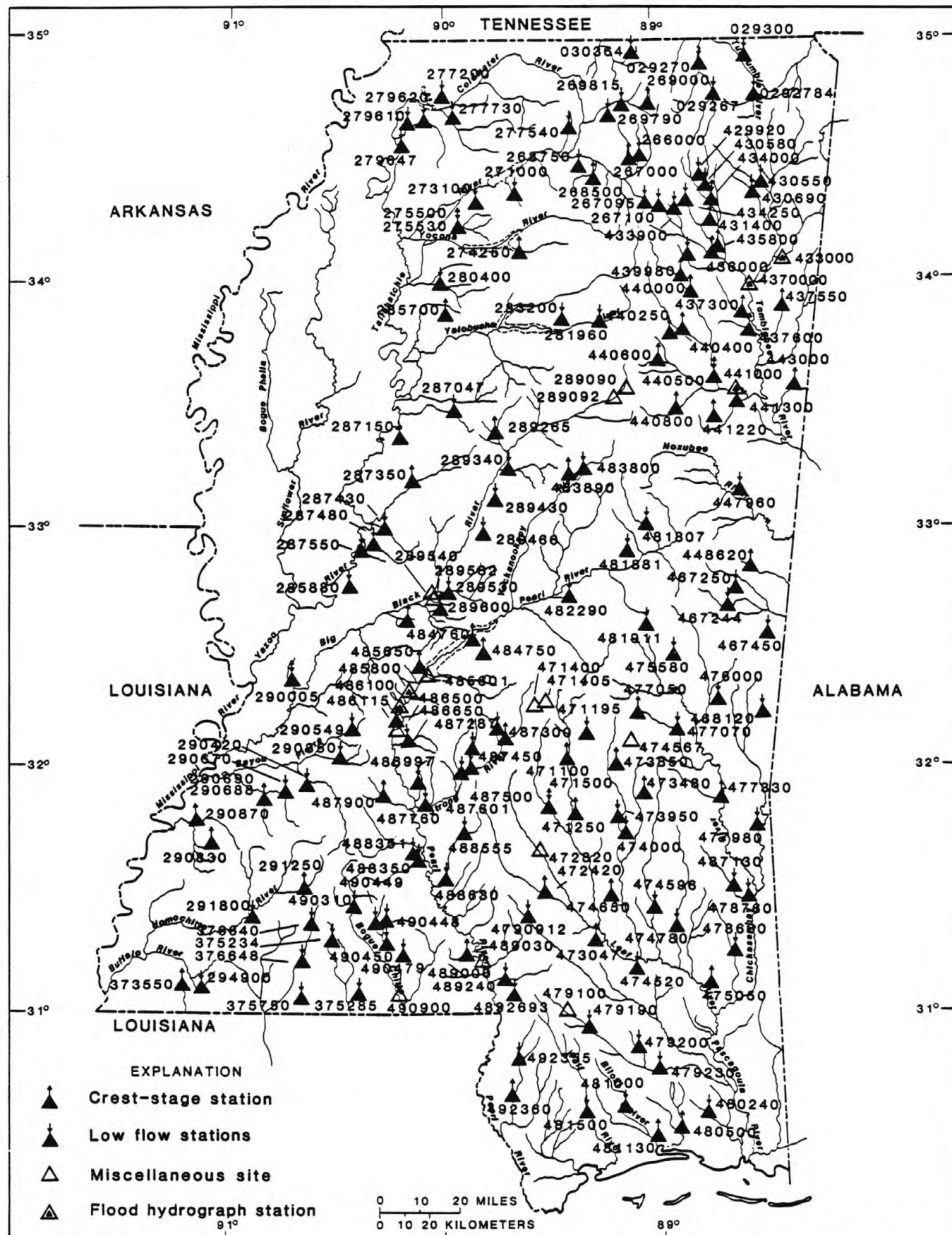


Figure 8.--Partial-record and miscellaneous sites.

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", SW¼ 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: Nov. 16 to Dec. 3, Jan. 19-22, Mar. 11 to Apr. 19, May 28 to June 3. Records fair except estimated daily discharges, which are poor. U.S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--15 years, 45.7 ft³/s, 22.88 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, 0.11 ft³/s, Sept. 2, 7, and 8, 1988.

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)
Jan. 19	Unknown	*512	a *11.52				

a From high water mark

Minimum daily discharge, 0.11 ft³/s, Sept. 2, 7, and 8.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.57	2.7	6.4	41	30	22	55	14	1.2	.37	.24	.12
2	.39	2.8	4.8	31	34	22	59	12	1.1	.75	.23	.11
3	.37	3.3	4.1	28	31	45	45	11	1.0	1.9	.23	.15
4	.33	1.8	3.8	25	57	99	33	11	.95	1.1	.28	.19
5	.41	2.3	3.5	24	35	41	28	9.7	.86	3.4	.26	.14
6	.32	3.1	3.3	23	30	35	36	8.5	.79	2.7	.22	.13
7	.30	3.5	3.3	22	31	31	28	7.5	.77	.90	.20	.11
8	.34	3.6	3.4	26	30	32	24	6.8	.68	.57	.19	.11
9	.37	5.4	4.0	24	28	66	22	15	.61	.46	.21	.12
10	.38	29	3.5	26	27	69	21	14	.64	.37	.17	.12
11	.38	4.9	2.9	23	28	40	34	7.2	.63	.89	.16	.14
12	.43	2.4	2.8	24	27	36	70	5.5	.56	3.0	.15	.16
13	.54	2.0	2.2	31	29	37	41	4.9	.54	11	.16	.19
14	.67	3.6	2.7	27	31	29	36	4.3	.50	3.7	.16	.13
15	.75	2.9	7.3	27	97	25	30	3.9	.47	1.3	.17	.12
16	.75	5.3	4.3	24	54	25	27	4.8	.43	.75	.17	.66
17	.84	15	2.8	59	41	24	35	2.8	.42	.59	.15	4.0
18	.80	5.4	2.4	47	37	24	45	2.1	.42	.54	.15	.94
19	.91	2.8	2.9	195	69	24	62	1.9	.40	.47	.16	.35
20	1.6	2.7	8.5	130	47	23	42	2.0	.35	.39	.16	.26
21	2.1	2.7	5.8	60	36	22	39	2.1	.35	.97	.17	.22
22	2.1	2.7	3.7	44	34	21	36	3.9	.32	1.4	.18	.17
23	1.7	2.8	2.4	40	32	20	36	13	.32	.89	.18	.16
24	1.7	3.1	136	36	30	20	36	10	.30	.50	.18	.26
25	1.5	3.8	36	33	28	29	24	6.8	.30	.89	.16	.66
26	1.2	4.5	25	31	27	28	22	4.3	.29	.85	.13	.36
27	1.7	12	114	29	27	22	18	3.3	.27	.65	.12	.25
28	2.1	51	99	28	26	20	17	2.5	.28	.48	.14	.22
29	2.6	18	41	28	23	20	16	1.9	.28	.40	.13	.24
30	2.8	6.5	32	27	---	35	15	1.6	.28	.33	.13	.67
31	2.8	---	32	27	---	33	---	1.4	---	.30	.12	---
TOTAL	33.75	211.6	604.8	1240	1056	1019	1032	199.7	16.31	42.81	5.46	11.46
MEAN	1.09	7.05	19.5	40.0	36.4	32.9	34.4	6.44	.54	1.38	.18	.38
MAX	2.8	51	136	195	97	99	70	15	1.2	11	.28	4.0
MIN	.30	1.8	2.2	22	23	20	15	1.4	.27	.30	.12	.11
CFSM	.04	.26	.72	1.48	1.34	1.21	1.27	.24	.02	.05	.007	.01
IN.	.05	.29	.83	1.70	1.45	1.40	1.42	.27	.02	.06	.01	.02
CAL YR 1987 TOTAL	8567.91			MEAN 23.5	MAX 756	MIN .13	CFSM .87	IN 11.76				
WTR YR 1988 TOTAL	5472.89			MEAN 15.0	MAX 195	MIN .11	CFSM .55	IN 7.51				

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.--No estimated daily discharges. 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.--15 years, 64.1 ft³/s, 20.63 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,390 ft³/s, May 19, 1983, gage height, 14.65 ft; minimum daily, 4.7 ft³/s, Aug. 27, Sept. 1, 10, 1988.

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)
Feb. 15	0400	*652	*10.90				

Minimum daily discharge, 4.7 ft³/s, Aug. 27, Sept. 1, 10.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	11	17	75	40	32	107	20	8.8	7.6	6.4	4.7
2	6.2	11	16	49	45	30	120	19	8.6	14	6.3	4.8
3	6.0	11	14	39	46	63	89	18	9.5	12	6.5	6.7
4	6.4	12	14	34	109	296	63	19	8.9	8.4	6.3	7.7
5	6.2	13	13	30	68	99	49	17	8.5	9.3	6.1	5.3
6	6.2	13	13	28	49	70	73	17	8.4	12	5.9	5.1
7	6.3	13	13	32	42	58	52	15	8.2	8.1	5.8	5.0
8	6.1	13	13	32	42	54	40	15	8.0	7.4	5.7	4.9
9	6.2	21	13	30	39	130	36	16	8.0	7.2	5.7	4.8
10	6.1	74	13	30	37	122	33	18	8.1	7.0	5.6	4.7
11	6.2	16	13	30	39	77	64	16	7.8	7.6	5.5	5.7
12	6.3	12	13	34	42	70	145	14	7.6	12	5.6	5.9
13	6.4	11	12	61	40	70	80	14	7.9	21	7.6	5.5
14	6.4	10	13	45	51	55	57	14	8.0	12	5.7	5.0
15	6.4	10	24	40	352	47	43	13	7.4	8.7	5.4	4.8
16	6.2	14	18	40	114	42	36	13	7.2	7.8	5.2	13
17	6.4	33	14	83	79	39	33	15	7.1	7.3	5.2	11
18	6.5	14	15	86	64	39	71	12	7.1	7.1	5.1	6.3
19	7.1	13	15	301	74	38	91	12	11	6.9	5.1	5.6
20	11	11	21	219	66	33	57	11	7.2	6.9	5.3	5.5
21	9.3	10	18	96	52	31	43	11	7.1	11	5.7	5.2
22	7.7	10	17	72	49	31	34	12	6.9	12	5.3	5.1
23	7.8	10	16	60	45	29	33	16	6.7	8.2	5.1	5.0
24	7.9	11	244	54	41	29	45	15	6.6	7.3	5.1	18
25	7.8	11	113	47	38	43	32	13	6.6	8.6	5.0	15
26	8.7	13	49	42	37	40	29	11	6.5	8.9	4.8	6.9
27	10	15	156	39	36	31	26	11	6.3	7.6	4.7	6.1
28	11	143	138	38	34	29	23	10	6.1	7.3	5.1	5.9
29	11	34	64	37	35	28	22	9.8	6.1	6.7	5.4	11
30	11	18	41	36	---	54	21	9.4	6.2	6.5	5.2	8.1
31	11	---	41	36	---	54	---	9.1	---	6.4	4.8	---
TOTAL	233.9	611	1194	1875	1805	1863	1647	435.3	228.4	280.8	172.2	208.3
MEAN	7.55	20.4	38.5	60.5	62.2	60.1	54.9	14.0	7.61	9.06	5.55	6.94
MAX	11	143	244	301	352	296	145	20	11	21	7.6	18
MIN	6.0	10	12	28	34	28	21	9.1	6.1	6.4	4.7	4.7
CFSM	.18	.48	.91	1.43	1.47	1.42	1.30	.33	.18	.22	.13	.16
IN.	.21	.54	1.05	1.65	1.59	1.64	1.45	.36	.20	.25	.15	.18

CAL YR 1987	TOTAL	13339.7	MEAN	36.5	MAX	1260	MIN	5.7	CFSM	.87	IN	11.76
WTR YR 1988	TOTAL	10553.9	MEAN	28.8	MAX	352	MIN	4.7	CFSM	.68	IN	9.30

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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--16 years, 6.35 ft³/s, 42.88 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, 68 ft³/s, Nov. 28, gage height, 3.38 ft; minimum, 1.5 ft³/s, Aug. 16, 17, 27-28, 30, 31, Sept. 1.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	5.3	3.7	7.0	4.3	3.7	6.5	3.1	2.3	3.0	2.3	1.8
2	2.6	4.2	3.5	5.2	4.5	3.5	7.1	3.1	2.3	4.6	2.8	1.9
3	3.0	3.9	3.5	4.7	4.3	9.8	5.0	3.0	2.3	3.0	2.8	2.8
4	2.9	3.9	3.4	4.6	7.0	12	4.5	3.3	2.2	2.6	2.5	2.6
5	2.9	3.9	3.1	4.3	4.5	5.1	4.2	2.9	2.2	3.9	2.4	2.2
6	2.9	3.9	3.1	4.3	4.3	4.7	5.5	2.7	2.2	3.0	2.3	2.0
7	2.8	3.9	3.1	4.7	4.0	4.3	4.2	3.0	2.3	2.4	2.1	2.0
8	2.7	4.4	3.1	4.3	3.9	5.3	3.9	2.6	2.2	2.3	2.2	2.1
9	3.1	9.5	3.4	4.3	3.9	8.2	3.9	3.0	2.3	2.4	2.2	2.0
10	3.1	9.3	3.1	4.3	3.9	6.1	3.9	2.9	2.2	2.4	2.1	2.0
11	3.1	4.1	3.1	4.3	4.2	4.9	7.2	2.7	2.4	3.6	2.1	3.4
12	3.1	3.7	3.1	4.7	4.0	5.4	7.0	2.7	2.3	3.1	3.0	2.7
13	3.1	3.5	3.1	5.5	4.0	4.8	4.6	2.5	2.1	4.2	2.5	2.4
14	3.1	3.6	3.1	4.1	6.8	4.3	4.3	2.3	2.9	2.6	2.1	2.2
15	3.1	3.5	5.3	3.9	12	4.3	4.3	2.3	2.1	2.4	2.0	2.0
16	3.1	6.0	3.6	3.8	5.4	4.1	4.0	2.4	2.1	2.3	2.0	5.6
17	3.1	5.6	3.5	7.0	4.7	3.9	4.1	2.3	2.3	2.3	1.8	3.2
18	3.1	3.8	3.5	4.9	4.7	4.1	6.5	2.3	2.2	2.4	2.0	2.5
19	3.8	3.5	3.7	15	5.6	4.2	6.4	2.3	2.3	2.5	2.0	2.3
20	4.9	3.5	4.5	7.2	4.8	3.9	4.5	2.2	2.6	2.5	2.8	2.3
21	3.9	3.3	3.5	5.2	4.3	3.9	4.2	2.1	2.5	3.7	2.3	2.3
22	3.9	3.3	3.5	3.7	4.2	3.9	3.9	3.3	2.3	3.6	2.1	2.2
23	4.3	3.3	3.5	3.5	4.3	3.9	4.6	3.5	2.2	2.8	2.0	2.6
24	4.6	3.1	18	3.9	3.9	3.7	5.4	3.2	3.1	2.2	2.1	8.7
25	4.7	3.1	6.7	4.4	3.9	5.7	3.9	2.4	2.5	3.3	1.9	3.8
26	5.2	4.9	5.8	4.3	3.9	4.2	3.9	2.4	2.1	2.6	1.8	3.0
27	5.7	4.9	10	4.3	3.9	3.9	3.8	2.3	2.1	2.5	1.7	2.7
28	5.5	19	8.5	4.3	4.1	3.8	3.5	2.3	2.1	2.5	1.7	2.7
29	5.5	4.7	5.3	4.0	3.9	4.1	3.5	2.4	2.1	2.4	1.9	5.4
30	5.5	3.9	4.7	3.9	---	4.9	3.5	2.3	2.2	2.3	1.7	3.1
31	5.5	---	6.2	4.0	---	4.4	---	2.3	---	2.4	1.8	---
TOTAL	116.6	146.5	145.2	153.6	137.2	153.0	141.8	82.1	69.0	87.8	67.0	86.5
MEAN	3.76	4.88	4.68	4.95	4.73	4.94	4.73	2.65	2.30	2.83	2.16	2.88
MAX	5.7	19	18	15	12	12	7.2	3.5	3.1	4.6	3.0	8.7
MIN	2.6	3.1	3.1	3.5	3.9	3.5	3.5	2.1	2.1	2.2	1.7	1.8
CFSM	1.87	2.43	2.33	2.46	2.35	2.46	2.35	1.32	1.14	1.41	1.08	1.43
IN.	2.16	2.71	2.69	2.84	2.54	2.83	2.62	1.52	1.28	1.62	1.24	1.60
CAL YR 1987	TOTAL	1520.1	MEAN 4.16	MAX 35	MIN 1.9	CFSM 2.07	IN 28.12					
WTR YR 1988	TOTAL	1386.3	MEAN 3.79	MAX 19	MIN 1.7	CFSM 1.89	IN 25.64					

MOBILE RIVER BASIN

02430085 RED BUD CREEK NEAR MOORES MILL, MS

LOCATION.--34°28'00", long 88°17'00", in SW1/4 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.--13 years, 24.1 ft³/s, 20.85 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. 28	0730	414	*10.35	Jan. 19	1800	528	9.90
Dec. 24	0800	*584	10.22				

Minimum discharge, 1.9 ft³/s, Oct. 1.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	8.9	10	54	19	13	32	6.5	4.0	2.9	3.3	2.3
2	2.4	9.0	9.5	36	23	13	38	6.0	3.9	5.3	5.6	2.3
3	2.8	9.8	9.2	31	22	22	27	5.9	3.9	5.8	11	2.7
4	3.1	11	8.9	27	25	45	20	6.4	3.8	4.8	4.4	2.9
5	3.4	11	8.4	23	18	23	17	6.0	3.6	3.9	3.8	2.7
6	3.5	12	7.9	21	15	19	16	5.8	3.5	3.9	3.5	2.6
7	3.7	12	7.8	24	15	17	14	5.4	3.4	3.4	3.2	2.5
8	3.9	13	7.9	22	15	21	12	5.2	3.3	3.2	3.1	2.5
9	4.1	16	8.0	21	15	52	12	5.4	3.8	3.1	3.0	2.4
10	4.2	38	7.0	20	14	39	12	7.0	3.6	3.0	3.0	2.4
11	4.3	6.9	7.1	20	17	27	34	6.9	3.4	4.8	2.8	5.1
12	4.4	5.6	6.9	25	16	30	67	6.3	3.3	7.2	3.0	3.9
13	4.5	5.7	6.9	42	16	26	31	5.8	3.3	4.6	3.1	3.2
14	5.1	6.1	7.7	27	33	21	22	4.4	3.2	4.3	2.9	3.0
15	5.4	7.0	10	24	108	18	18	4.0	3.2	3.5	2.7	2.9
16	5.7	12	7.5	24	44	16	15	3.7	3.2	3.2	2.6	11
17	5.9	18	6.8	43	33	16	14	4.1	3.1	3.1	2.5	16
18	6.1	9.9	6.6	35	28	16	18	4.9	3.1	3.1	2.5	6.3
19	7.2	9.0	7.1	211	45	16	27	4.9	3.0	3.0	2.5	4.4
20	9.2	8.7	12	105	31	14	16	4.6	3.0	3.0	3.0	3.9
21	6.4	9.5	7.8	56	24	13	13	4.4	3.0	12	3.0	3.4
22	6.5	9.5	6.6	40	22	12	12	10	3.0	8.6	2.8	3.2
23	6.9	9.5	5.2	33	21	12	11	18	3.0	4.6	2.6	3.1
24	6.5	9.3	211	27	19	11	10	10	2.9	3.7	2.6	46
25	6.6	9.3	90	23	17	16	9.7	8.7	2.9	4.8	2.6	27
26	7.4	12	67	20	17	13	9.8	6.4	2.9	4.4	2.4	8.0
27	8.1	11	185	18	16	11	8.2	5.6	2.9	6.0	2.3	5.5
28	8.3	128	106	18	15	10	7.5	5.1	2.8	4.0	2.4	5.0
29	8.4	17	59	18	14	12	7.3	4.8	2.8	3.7	2.4	10
30	8.6	12	43	17	---	33	6.9	4.5	2.8	3.7	2.4	8.1
31	8.7	---	43	18	---	21	---	4.2	---	3.5	2.3	---
TOTAL	173.6	456.7	986.8	1123	717	628	557.4	190.9	97.6	138.1	99.3	204.3
MEAN	5.60	15.2	31.8	36.2	24.7	20.3	18.6	6.16	3.25	4.45	3.20	6.81
MAX	9.2	128	211	211	108	52	67	18	4.0	12	11	46
MIN	2.3	5.6	5.2	17	14	10	6.9	3.7	2.8	2.9	2.3	2.3
CFSM	.36	.97	2.03	2.31	1.57	1.29	1.19	.39	.21	.28	.20	.43
IN.	.41	1.08	2.34	2.66	1.70	1.49	1.32	.45	.23	.33	.24	.48

CAL YR 1987 TOTAL 6998.2 MEAN 19.2 MAX 376 MIN 1.5 CFSM 1.22 IN 16.58
WTR YR 1988 TOTAL 5372.7 MEAN 14.7 MAX 211 MIN 2.3 CFSM .94 IN 12.73

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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.

WATER-DISCHARGE RECORDS

REMARKS.--Estimated daily discharges: July 5 to Sept. 1. Records fair. Flow regulated by Tennessee-Tombigbee Waterway minimum-flow structures.

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, 107 ft³/s, Nov. 28, gage height 3.52 ft³/s, minimum daily, 61 ft³/s, Oct. 1.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	80	80	79	79	74	81	71	69	64	64	70
2	63	70	76	83	80	74	85	74	68	69	67	75
3	63	72	75	87	82	76	84	75	72	67	62	75
4	63	70	78	83	82	75	80	76	73	68	65	71
5	65	77	79	78	81	76	81	78	70	65	70	71
6	72	85	78	76	82	79	78	77	71	71	69	67
7	70	82	74	80	78	73	79	76	72	71	66	64
8	69	84	73	80	79	72	80	74	72	71	68	66
9	67	82	78	81	81	73	82	80	71	72	67	71
10	66	90	75	78	83	79	79	77	69	71	66	67
11	66	80	83	76	81	82	82	80	69	70	66	76
12	65	77	84	80	81	81	83	78	73	74	64	75
13	67	77	78	84	82	82	82	78	72	73	69	68
14	69	82	77	82	85	80	82	77	73	72	63	67
15	71	73	73	80	91	84	78	77	71	73	66	69
16	72	74	71	81	87	79	82	76	70	78	69	75
17	78	77	71	86	82	82	81	73	69	74	66	75
18	76	74	74	82	83	77	80	74	72	73	72	71
19	75	73	80	91	84	77	78	72	70	75	66	76
20	74	79	78	91	79	79	81	74	69	76	70	73
21	76	84	80	87	81	77	80	77	71	76	66	71
22	77	82	75	85	78	77	79	72	71	73	65	69
23	81	78	71	85	81	76	81	77	66	78	67	73
24	79	77	90	79	77	77	77	77	67	75	66	78
25	80	76	93	83	81	78	77	73	66	73	66	71
26	83	80	87	83	73	79	76	76	67	77	65	74
27	81	81	92	82	72	76	74	74	64	70	68	71
28	80	97	93	83	76	76	76	78	67	65	67	69
29	79	81	86	79	75	78	75	76	63	63	65	76
30	80	75	84	79	---	79	78	72	65	65	65	70
31	81	---	86	79	---	79	---	68	---	64	66	---
TOTAL	2249	2369	2472	2542	2336	2406	2391	2337	2082	2206	2061	2144
MEAN	72.5	79.0	79.7	82.0	80.6	77.6	79.7	75.4	69.4	71.2	66.5	71.5
MAX	83	97	93	91	91	84	85	80	73	78	72	78
MIN	61	70	71	76	72	72	74	68	63	63	62	64
CFSM	.62	.67	.68	.70	.69	.66	.68	.64	.59	.61	.57	.61
IN.	.71	.75	.78	.80	.74	.76	.76	.74	.66	.70	.65	.68
CAL YR 1987	TOTAL	23944	MEAN 65.6	MAX 97	MIN 46	CFSM .56	IN 7.58					
WTR YR 1988	TOTAL	27595	MEAN 75.4	MAX 97	MIN 61	CFSM .64	IN 8.73					

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.80	3.12	3.11	3.11	3.11	3.02	3.13	2.98	2.94	2.85		---
2	2.84	2.96	3.05	3.17	3.12	3.02	3.20	3.02	2.92	2.93		3.03
3	2.83	2.99	3.04	3.22	3.15	3.05	3.19	3.05	2.99	2.90		3.02
4	2.83	2.95	3.09	3.17	3.15	3.04	3.12	3.06	3.01	2.92		2.95
5	2.87	3.06	3.10	3.09	3.14	3.05	3.14	3.10	2.96	---		2.95
6	2.98	3.20	3.09	3.05	3.16	3.10	3.09	3.08	2.97	---		2.88
7	2.96	3.15	3.02	3.13	3.08	3.01	3.11	3.06	2.98	---		2.83
8	2.93	3.18	3.00	3.12	3.10	3.00	3.12	3.03	2.99	---		2.87
9	2.91	3.16	3.08	3.14	3.14	3.00	3.15	3.12	2.97	---		2.96
10	2.89	3.27	3.05	3.09	3.17	3.11	3.10	3.07	2.94	---		2.88
11	2.88	3.12	3.17	3.05	3.14	3.15	3.15	3.13	2.94	---		3.03
12	2.87	3.08	3.18	3.12	3.14	3.13	3.17	3.08	3.01	---		3.02
13	2.90	3.06	3.09	3.18	3.15	3.15	3.15	3.09	2.99	---		2.91
14	2.93	3.14	3.07	3.15	3.19	3.13	3.14	3.07	3.01	---		2.87
15	2.98	3.00	3.00	3.12	3.29	3.18	3.09	3.08	2.97	---		2.92
16	2.99	3.01	2.97	3.14	3.23	3.10	3.15	3.05	2.96	---		3.01
17	3.09	3.06	2.97	3.21	3.16	3.16	3.13	3.00	2.95	---		3.01
18	3.05	3.02	3.02	3.15	3.16	3.07	3.12	3.02	2.99	---		2.95
19	3.04	3.01	3.12	3.28	3.19	3.07	3.09	3.00	2.96	---		3.02
20	3.03	3.11	3.09	3.29	3.11	3.11	3.14	3.03	2.93	---		2.98
21	3.06	3.18	3.12	3.23	3.14	3.07	3.12	3.07	2.98	---		2.95
22	3.07	3.15	3.03	3.20	3.09	3.07	3.10	2.98	2.97	---		2.92
23	3.14	3.09	2.98	3.21	3.14	3.06	3.14	3.07	2.88	---		2.99
24	3.10	3.07	3.28	3.11	3.06	3.07	3.07	3.08	2.90	---		3.09
25	3.13	3.05	3.31	3.17	3.14	3.09	3.08	3.00	2.89	---		2.99
26	3.17	3.11	3.23	3.17	3.01	3.11	3.06	3.05	2.90	---		3.03
27	3.14	3.13	3.31	3.14	3.00	3.06	3.03	3.02	2.85	---		2.99
28	3.13	3.39	3.32	3.17	3.06	3.06	3.06	3.08	2.90	---		2.96
29	3.10	3.14	3.21	3.11	3.04	3.09	3.04	3.05	2.84	---		3.09
30	3.12	3.05	3.18	3.11	---	3.11	3.09	2.99	2.88	---		2.99
31	3.13	---	3.21	3.10	---	3.11	---	2.92	---	---		---
MEAN	3.00	3.10	3.11	3.15	3.13	3.08	3.12	3.05	2.95	---		---
MAX	3.17	3.39	3.32	3.29	3.29	3.18	3.20	3.13	3.01	---		---
MIN	2.80	2.95	2.97	3.05	3.00	3.00	3.03	2.92	2.84	---		---
CAL YR 1987	MEAN	2.95	MAX	3.39	MIN	2.54						

MOBILE RIVER BASIN

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02430100 MACKEYS CREEK NEAR MOORES MILL, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to September 1988 (discontinued).

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
APR 11...	1400	81	112	7.90	15.5	12.3	127
JUN 27...	1500	62	121	6.00	29.0	7.1	94

MOBILE RIVER BASIN

02430500 TOMBIGBEE RIVER NEAR MARIETTA, MS

LOCATION.--Lat 34°25'35", long 88°25'16", in SE¼ sec.35, T.7 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, at bridge on unimproved road 0.5 mi downstream from confluence of Big Brown Creek Canal and Mackeys Creek, and 6 mi southeast of Marietta.

DRAINAGE AREA.--308 mi².

PERIOD OF RECORD.--October 1937 to September 1950. October 1968 to September 1977 (annual maximums only). Current year (low-flow records only).

GAGE.--Water-stage recorder. Datum of gage is 282.16 ft above National Geodetic Vertical Datum of 1929. October 1968 to September 1977, nonrecording gage.

REMARKS.--Estimated daily discharges: Dec. 18 to Jan. 5 and Aug. 8-31. Records fair. Discharges above 500 ft³/s not determined.

AVERAGE DISCHARGE.--13 years (water years 1937-50), 502 ft³/s, 22.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,600 ft³/s, Mar. 17, 1973, gage height, 12.30 ft; minimum discharge, 10 ft³/s, Aug. 18, 1943, gage height, 2.30 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, greater than 500 ft³/s; minimum daily discharge, 58 ft³/s, Aug. 10, 1988.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	105	121	129	---	244	237	---	164	82	133	72	139
2	107	113	130	490	269	237	---	154	82	145	65	144
3	106	115	193	372	283	344	---	153	83	165	64	147
4	105	113	194	267	---	---	---	150	83	151	61	156
5	108	116	192	220	430	---	406	152	79	140	67	143
6	114	120	193	207	303	---	456	141	79	164	66	140
7	114	119	182	205	262	441	382	134	77	148	65	133
8	113	118	182	240	260	343	305	127	78	136	60	147
9	113	128	186	229	251	---	275	132	78	134	59	146
10	111	421	183	214	243	---	261	155	74	134	58	142
11	113	160	186	204	243	---	307	140	73	131	80	146
12	109	108	184	225	261	---	---	125	72	152	125	157
13	112	98	186	363	250	---	---	124	77	222	130	148
14	112	95	182	302	276	409	408	119	76	122	133	147
15	113	84	197	261	---	339	320	116	74	85	125	143
16	118	82	201	257	---	307	274	116	72	77	129	157
17	120	179	175	445	---	288	255	113	70	72	130	141
18	118	129	180	---	---	285	379	111	71	71	130	100
19	121	102	192	---	---	278	---	105	73	73	136	84
20	125	91	210	---	---	263	438	102	69	73	137	84
21	130	94	217	---	376	250	326	104	94	81	138	79
22	121	82	196	---	328	237	277	103	143	102	130	77
23	125	80	350	459	309	231	261	131	135	86	135	77
24	123	173	---	361	281	227	305	132	135	92	131	138
25	124	173	---	310	268	263	258	115	134	77	130	317
26	123	180	---	284	263	315	235	100	135	86	130	105
27	126	186	---	256	251	251	206	96	134	76	131	81
28	120	---	---	251	245	225	190	96	130	69	131	81
29	121	402	---	244	239	222	187	93	130	67	132	214
30	121	153	---	233	---	362	178	89	128	64	136	156
31	122	---	---	231	---	372	---	83	---	64	135	---
TOTAL	3613	---	---	---	---	---	---	3775	2820	3392	3351	4069
MEAN	117	---	---	---	---	---	---	122	94.0	109	108	136
MAX	130	---	---	---	---	---	---	164	143	222	138	317
MIN	105	---	---	---	---	---	---	83	69	64	58	77
CFSM	.38	---	---	---	---	---	---	.40	.31	.35	.35	.44
IN.	.44	---	---	---	---	---	---	.46	.34	.41	.40	.49

MOBILE RIVER BASIN

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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 good.

AVERAGE DISCHARGE.--13 years, 16.2 ft³/s, 19.78 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. 10	0145	433	8.92	Jan. 19	1830	427	8.90
Nov. 28	0900	554	9.18	Feb. 15	0145	338	8.60
Dec. 24	0815	*619	*9.29	Sept. 24	2100	288	8.38
Dec. 27	0845	355	8.66				

Minimum daily discharge, 1.4 ft³/s, Aug. 17, 31, Sept. 2.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	6.0	10	26	12	8.8	31	7.3	3.8	2.4	2.3	1.5
2	2.7	6.5	9.0	15	15	8.8	34	6.9	3.6	4.0	4.7	1.4
3	2.6	6.2	8.5	13	14	14	18	6.8	3.7	4.7	7.1	2.0
4	2.7	5.8	8.0	13	16	39	14	7.3	3.6	3.4	4.8	2.4
5	2.8	6.0	7.7	11	12	15	12	6.9	3.4	2.5	4.0	1.9
6	2.8	6.0	7.7	10	11	12	12	6.7	3.2	2.7	3.2	1.7
7	2.7	5.8	7.6	14	11	11	11	6.6	3.0	2.5	2.6	1.6
8	2.9	6.0	7.7	11	11	18	11	6.5	2.9	2.4	2.0	1.6
9	2.8	38	8.6	11	10	36	11	6.4	3.4	2.2	2.1	1.5
10	2.8	120	7.8	11	9.9	20	10	6.9	3.6	2.0	1.7	1.7
11	3.1	10	7.6	12	12	14	23	6.4	3.4	3.5	1.6	2.5
12	3.0	7.4	7.3	14	12	16	40	6.3	3.1	5.0	2.0	2.8
13	3.1	6.7	7.1	27	11	14	15	6.2	2.9	4.2	2.3	3.0
14	3.3	6.4	7.7	13	24	12	13	5.9	2.7	4.3	1.9	2.3
15	3.2	6.1	15	12	93	11	11	5.7	2.5	3.8	1.6	2.0
16	3.4	23	8.5	12	18	10	11	5.6	2.4	3.3	1.5	13
17	3.7	35	7.5	27	15	10	10	5.4	2.4	2.9	1.4	10
18	3.9	9.6	7.3	16	14	11	14	5.2	2.4	2.6	1.6	5.3
19	4.6	8.0	8.1	169	26	11	20	5.0	2.4	2.4	1.8	4.0
20	9.8	7.4	16	49	15	10	12	4.9	2.4	2.3	4.2	3.4
21	6.6	7.0	8.7	22	12	9.9	11	4.7	3.6	4.2	3.4	3.0
22	5.6	6.9	7.7	17	11	9.7	10	10	3.1	4.8	2.3	2.8
23	5.8	6.9	7.1	15	11	9.4	10	16	2.7	4.2	2.0	2.9
24	5.6	6.9	249	14	11	9.5	13	13	2.5	3.6	2.2	63
25	5.6	7.0	34	13	10	12	9.9	9.2	2.5	3.5	1.8	27
26	6.1	13	21	12	9.9	11	9.3	6.3	2.4	3.7	1.6	6.4
27	6.8	11	149	11	9.8	9.4	8.5	5.5	2.2	3.5	1.6	5.1
28	6.3	207	58	11	9.4	9.2	7.9	5.2	2.0	3.2	1.5	4.7
29	6.0	21	23	11	9.1	13	7.8	4.7	1.9	2.9	1.6	12
30	6.1	12	17	11	---	28	7.6	4.2	1.9	2.7	1.6	7.4
31	6.1	---	20	12	---	15	---	3.8	---	2.5	1.4	---
TOTAL	135.4	624.6	769.2	635	455.1	437.7	428.0	207.5	85.6	101.9	75.4	199.9
MEAN	4.37	20.8	24.8	20.5	15.7	14.1	14.3	6.69	2.85	3.29	2.43	6.66
MAX	9.8	207	249	169	93	39	40	16	3.8	5.0	7.1	63
MIN	2.6	5.8	7.1	10	9.1	8.8	7.6	3.8	1.9	2.0	1.4	1.4
CFSM	.39	1.87	2.23	1.85	1.41	1.27	1.29	.60	.26	.30	.22	.60
IN.	.45	2.09	2.58	2.13	1.53	1.47	1.43	.70	.29	.34	.25	.67

CAL YR 1987 TOTAL 5287.0 MEAN 14.5 MAX 283 MIN 2.6 CFSM 1.31 IN 17.72
WTR YR 1988 TOTAL 4155.3 MEAN 11.4 MAX 249 MIN 1.4 CFSM 1.03 IN 13.92

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.--No estimated daily discharges. Records fair. U. S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--6 years, 192 ft³/s, 19.90 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32,400 ft³/s, May 19, 1983, gage height, 28.86 ft, from flood-mark; no flow on Aug. 19, 1988.

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	1000	*5,970	*17.26	No other peak greater than base discharge.			

No flow on Aug. 19.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.3	8.5	187	48	38	430	23	3.0	.31	2.3	.07
2	.69	1.4	5.6	96	107	37	1050	21	2.2	2.3	1.3	.04
3	.96	1.3	4.6	58	102	129	318	20	1.9	5.9	23	.18
4	.88	1.1	3.2	46	437	388	150	20	2.4	2.7	13	.87
5	.69	.62	3.5	37	145	119	100	18	3.1	1.7	3.7	.49
6	.52	.48	2.5	31	78	82	222	16	1.9	10	1.7	.34
7	.29	.53	2.3	33	59	69	104	14	1.2	5.6	1.1	.26
8	.18	.60	2.4	41	57	69	70	12	1.5	2.2	.69	.19
9	.17	3.4	3.0	41	55	537	57	11	1.8	1.0	.52	.07
10	.40	67	2.4	40	49	397	51	21	1.7	.62	.40	.04
11	.56	19	2.2	37	49	144	57	14	1.4	1.0	.31	.03
12	.53	8.4	5.9	43	54	117	302	9.6	.90	15	.21	.04
13	.53	4.2	2.3	157	52	147	108	8.5	.76	26	.18	.09
14	.59	2.6	2.5	120	152	89	69	8.9	.82	18	.16	.08
15	.64	2.5	7.6	70	1630	67	57	8.1	.73	7.8	.07	.05
16	.64	3.8	8.7	67	218	57	45	7.2	.81	3.6	.04	23
17	.69	28	5.2	663	132	52	42	6.6	.82	1.7	.01	45
18	.55	16	3.6	318	103	52	144	6.4	.77	1.0	.01	20
19	.67	8.2	4.3	2940	528	52	314	4.9	.64	.75	.00	5.4
20	2.4	5.6	8.4	689	215	48	111	3.9	.57	.79	.04	2.1
21	3.9	3.6	8.4	186	110	44	71	4.5	.46	1.5	.29	.99
22	2.5	2.9	7.4	111	83	41	52	5.7	.69	15	.25	.64
23	1.4	2.2	6.9	82	70	38	49	16	.61	8.4	.14	.49
24	.76	1.4	983	70	60	39	217	19	.61	2.4	2.2	16
25	.63	1.9	259	57	52	77	66	13	.51	1.8	1.5	109
26	1.3	4.1	65	48	52	77	49	7.8	.34	3.0	.59	16
27	1.6	6.0	1350	41	49	49	42	5.7	.21	2.1	.34	4.8
28	1.6	121	806	40	46	42	32	4.4	.08	1.9	.28	2.0
29	1.3	44	146	40	43	39	28	3.6	.08	1.8	.26	2.9
30	1.4	16	67	40	---	149	26	2.9	.08	11	.24	9.1
31	1.5	---	59	40	---	235	---	3.3	---	4.3	.17	---
TOTAL	31.57	379.13	3846.4	6469	4835	3520	4433	340.0	32.59	161.17	55.00	260.26
MEAN	1.02	12.6	124	209	167	114	148	11.0	1.09	5.20	1.77	8.68
MAX	3.9	121	1350	2940	1630	537	1050	23	3.1	26	23	109
MIN	.17	.48	2.2	31	43	37	26	2.9	.08	.31	.00	.03
CFSM	.008	.10	.95	1.60	1.28	.87	1.13	.08	.008	.04	.01	.07
IN.	.01	.11	1.09	1.84	1.37	1.00	1.26	.10	.01	.05	.02	.07

CAL YR 1987	TOTAL	43762.69	MEAN	120	MAX	5960	MIN	.17	CFSM	.92	IN	12.43
WTR YR 1988	TOTAL	24363.12	MEAN	66.6	MAX	2940	MIN	.00	CFSM	.51	IN	6.92

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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.

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

AVERAGE DISCHARGE.--13 years, 31.1 ft³/s, 22.11 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,570 ft³/s, Apr. 5, 1983, gage height, 11.03 ft; minimum daily, 2.1 ft³/s, Aug. 28, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 416 ft³/s, Nov. 28, gage height, 10.48 ft; minimum daily, 2.1 ft³/s, Aug. 28.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	18	18	37	26	16	42	13	6.2	5.7	4.1	3.0
2	8.1	18	15	24	31	16	59	12	5.7	14	8.1	3.1
3	11	19	15	21	29	26	36	11	6.0	9.8	14	7.6
4	12	19	14	20	29	67	31	13	5.5	7.2	6.7	7.7
5	14	18	13	18	23	27	26	12	5.3	6.5	5.1	5.1
6	15	18	13	18	20	23	26	11	5.4	5.8	4.3	4.8
7	15	18	13	22	19	21	24	10	5.0	4.6	3.5	4.5
8	16	19	16	21	20	25	21	10	4.8	3.9	3.7	5.1
9	16	44	17	20	19	53	19	9.8	8.1	3.6	3.3	4.3
10	17	95	13	19	19	36	18	13	6.7	3.2	3.2	4.3
11	18	18	13	19	23	28	26	10	5.8	4.0	3.5	6.5
12	21	12	12	23	24	29	55	9.5	5.3	4.6	4.8	9.0
13	23	11	11	48	22	29	26	9.0	4.9	5.9	4.2	8.7
14	24	11	13	26	25	24	22	8.2	4.8	6.1	3.8	6.9
15	27	10	16	23	84	22	20	7.6	4.8	4.3	3.0	5.9
16	28	24	13	22	33	21	19	8.0	4.8	3.5	2.6	26
17	28	47	11	43	28	20	18	8.1	4.7	3.7	2.4	22
18	29	16	12	32	28	21	29	7.5	4.6	4.4	2.3	13
19	31	13	13	175	38	22	34	7.1	4.6	3.7	2.9	9.3
20	37	11	24	83	29	20	21	6.7	6.2	3.7	4.0	8.3
21	18	11	15	43	23	19	18	6.5	7.7	7.0	3.6	7.7
22	15	11	13	35	22	18	17	13	5.3	9.1	2.8	8.5
23	15	12	12	31	22	18	17	25	5.2	6.0	2.5	8.6
24	14	13	105	29	21	17	72	17	4.9	4.4	4.8	20
25	15	12	37	27	19	22	25	13	4.7	4.7	2.8	29
26	17	20	30	24	19	20	21	10	4.7	4.9	2.3	11
27	20	20	135	22	19	18	17	8.8	4.7	4.8	2.4	8.6
28	18	172	81	22	18	17	16	8.1	4.7	4.0	2.1	7.8
29	18	34	36	22	17	18	15	7.8	4.5	5.6	4.8	22
30	18	22	28	21	---	42	14	7.0	4.5	8.3	4.3	14
31	19	---	30	24	---	27	---	6.4	---	5.2	3.0	---
TOTAL	583.7	786	807	1014	749	782	804	319.1	160.1	172.2	124.9	302.3
MEAN	18.8	26.2	26.0	32.7	25.8	25.2	26.8	10.3	5.34	5.55	4.03	10.1
MAX	37	172	135	175	84	67	72	25	8.1	14	14	29
MIN	6.6	10	11	18	17	16	14	6.4	4.5	3.2	2.1	3.0
CFSM	.98	1.37	1.36	1.71	1.35	1.32	1.40	.54	.28	.29	.21	.53
IN.	1.14	1.53	1.57	1.97	1.46	1.52	1.57	.62	.31	.34	.24	.59
CAL YR 1987	TOTAL	8372.4	MEAN	22.9	MAX	218	MIN	3.5	CFSM	1.20	IN	16.31
WTR YR 1988	TOTAL	6604.3	MEAN	18.0	MAX	175	MIN	2.1	CFSM	.94	IN	12.86

MOBILE RIVER BASIN

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. Tele-meter 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)
Jan. 20	1300	*4,380	*16.96				

Minimum daily discharge, 59 ft³/s, Aug. 11.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	93	111	203	933	337	331	780	264	92	125	67	123
2	93	113	128	876	390	311	1300	238	94	136	70	128
3	93	107	151	653	472	339	1750	219	90	158	74	134
4	95	109	209	535	603	986	1230	210	92	167	77	140
5	95	107	212	451	818	1130	876	204	91	149	77	141
6	96	108	211	383	551	1040	717	186	86	144	71	133
7	101	112	206	346	436	889	760	165	84	167	65	128
8	100	113	194	365	391	691	568	161	77	147	63	123
9	100	124	190	371	367	866	483	154	77	135	62	123
10	100	330	189	330	366	1430	447	161	72	129	62	127
11	100	398	186	306	342	1190	399	179	70	130	59	124
12	99	181	186	309	362	931	638	153	71	134	85	136
13	98	116	193	521	371	853	814	136	74	169	124	142
14	99	102	189	620	377	758	645	136	76	250	129	129
15	99	98	196	478	1710	621	512	129	74	140	130	122
16	102	95	226	410	2200	539	449	124	74	91	122	139
17	105	188	217	530	1730	491	411	127	69	80	125	185
18	106	250	190	1210	1360	459	423	116	67	75	125	186
19	107	143	188	1570	1140	449	726	115	68	71	126	108
20	114	106	220	3900	1300	420	798	111	68	72	131	80
21	117	93	240	2980	871	391	565	108	66	75	132	73
22	117	94	237	2110	657	366	461	110	108	84	134	67
23	112	93	210	1400	561	348	406	125	139	102	126	64
24	114	120	752	912	507	338	545	153	133	96	131	70
25	113	204	1580	676	454	337	523	155	133	88	128	380
26	113	213	1070	548	426	454	421	130	130	77	127	310
27	114	227	1330	463	399	403	403	116	129	84	127	119
28	114	467	2580	407	374	343	327	112	126	75	127	89
29	111	678	2540	384	352	318	294	106	126	68	128	270
30	111	413	1820	356	---	418	281	103	123	82	128	527
31	111	---	1180	334	---	619	---	97	---	68	132	---
TOTAL	3242	5613	17423	25667	20244	19059	18952	4603	2779	3568	3264	4620
MEAN	105	187	562	828	698	615	632	148	92.6	115	105	154
MAX	117	678	2580	3900	2200	1430	1750	264	139	250	134	527
MIN	93	93	128	306	337	311	281	97	66	68	59	64
CFSM	.17	.31	.92	1.35	1.14	1.01	1.03	.24	.15	.19	.17	.25
IN.	.20	.34	1.06	1.56	1.23	1.16	1.15	.28	.17	.22	.20	.28
CAL YR 1987	TOTAL	173061	MEAN	474	MAX	10000	MIN	64	CFSM	.78	IN	10.52
WTR YR 1988	TOTAL	129034	MEAN	353	MAX	3900	MIN	59	CFSM	.58	IN	7.84

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.56	6.74	7.60	12.15	8.44	8.40	11.31	7.93	6.96	7.18	6.76	7.17
2	6.56	6.76	7.20	11.84	8.80	8.26	13.46	7.77	6.98	7.25	6.78	7.20
3	6.56	6.70	7.32	10.56	9.37	8.46	14.70	7.68	6.95	7.37	6.82	7.24
4	6.58	6.72	7.63	9.80	10.18	12.22	13.31	7.63	6.96	7.42	6.84	7.27
5	6.58	6.70	7.64	9.22	11.52	12.98	11.84	7.60	6.95	7.33	6.84	7.28
6	6.60	6.71	7.64	8.76	9.90	12.61	10.95	7.51	6.92	7.30	6.79	7.23
7	6.64	6.74	7.61	8.49	9.13	11.91	11.20	7.41	6.90	7.42	6.74	7.20
8	6.63	6.76	7.55	8.63	8.81	10.79	10.02	7.39	6.84	7.31	6.72	7.17
9	6.63	6.84	7.54	8.67	8.78	11.72	9.44	7.35	6.84	7.25	6.71	7.17
10	6.63	8.33	7.53	8.39	8.64	13.94	9.20	7.39	6.80	7.21	6.70	7.19
11	6.63	8.83	7.52	8.23	8.47	13.21	8.87	7.48	6.78	7.22	6.67	7.18
12	6.62	7.27	7.51	8.25	8.60	12.13	10.41	7.34	6.79	7.24	6.89	7.25
13	6.61	6.78	7.55	9.69	8.67	11.74	11.51	7.25	6.81	7.43	7.18	7.28
14	6.62	6.65	7.53	10.35	8.71	11.19	10.51	7.25	6.83	7.86	7.21	7.21
15	6.63	6.61	7.56	9.41	14.05	10.35	9.64	7.21	6.81	7.26	7.22	7.17
16	6.65	6.58	7.71	8.95	15.45	9.82	9.22	7.18	6.81	6.95	7.16	7.26
17	6.68	7.32	7.66	9.69	14.65	9.50	8.96	7.20	6.77	6.86	7.18	7.51
18	6.69	7.75	7.53	13.29	13.73	9.29	9.04	7.13	6.75	6.82	7.19	7.51
19	6.70	7.00	7.52	14.01	13.00	9.22	10.99	7.12	6.77	6.79	7.19	7.07
20	6.76	6.69	7.68	16.76	13.57	9.02	11.42	7.09	6.77	6.80	7.22	6.87
21	6.79	6.57	7.77	16.27	11.80	8.81	9.99	7.07	6.74	6.82	7.23	6.81
22	6.79	6.57	7.76	15.32	10.58	8.63	9.30	7.09	7.06	6.90	7.24	6.76
23	6.74	6.56	7.63	13.82	9.97	8.51	8.92	7.18	7.27	7.03	7.19	6.73
24	6.76	6.78	10.61	12.01	9.61	8.44	9.85	7.35	7.23	6.99	7.22	6.77
25	6.75	7.43	14.31	10.70	9.25	8.43	9.71	7.36	7.23	6.93	7.20	8.76
26	6.75	7.49	12.71	9.89	9.06	9.24	9.02	7.21	7.21	6.85	7.19	8.29
27	6.77	7.58	13.44	9.31	8.87	8.90	8.89	7.13	7.21	6.90	7.19	7.15
28	6.76	9.29	15.91	8.92	8.69	8.48	8.37	7.10	7.19	6.83	7.20	6.93
29	6.73	10.71	15.87	8.76	8.53	8.31	8.14	7.06	7.19	6.77	7.21	8.09
30	6.74	8.96	14.83	8.56	---	8.99	8.05	7.04	7.17	6.88	7.21	9.73
31	6.74	---	13.12	8.41	---	10.35	---	7.00	---	6.77	7.23	---
MEAN	6.67	7.28	9.19	10.55	10.30	10.12	10.21	7.31	6.95	7.09	7.04	7.35
MAX	6.79	10.71	15.91	16.76	15.45	13.94	14.70	7.93	7.27	7.86	7.24	9.73

MOBILE RIVER BASIN

02432500 BULL MOUNTAIN CREEK AT TREMONT, MS

LOCATION.--Lat 34°14'20", long 88°16'15", in NE1SW1 sec.5, T.10 S., R.10 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on left bank at 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, 3.6 ft³/s, Aug. 19, 1988, gage height, 1.84 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, 3.6 ft³/s, Aug. 19; gage height, 1.84 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	30	76	---	105	74	187	69	18	8.8	13	4.1
2	19	29	64	189	113	70	---	62	17	13	12	4.3
3	17	30	58	156	164	90	---	58	16	27	16	5.5
4	16	31	54	143	151	---	---	54	16	28	43	16
5	15	32	48	124	135	183	166	53	16	20	19	22
6	14	32	47	109	116	144	156	48	15	17	13	16
7	15	31	46	110	103	127	152	44	14	15	11	12
8	15	33	45	112	99	117	126	41	14	14	9.3	10
9	15	36	45	101	96	172	112	39	13	13	7.8	10
10	15	88	46	93	89	---	101	41	14	12	6.9	9.8
11	16	130	47	87	87	---	105	59	14	11	6.2	14
12	16	57	45	90	101	171	---	42	13	14	7.2	79
13	16	40	40	184	95	174	---	36	13	19	6.2	39
14	17	37	43	---	91	151	---	34	12	18	6.0	22
15	18	36	56	163	---	130	172	31	11	18	6.3	17
16	18	43	77	146	---	118	145	29	11	16	5.7	18
17	19	94	62	152	194	108	122	27	11	13	4.8	160
18	20	108	49	---	165	103	160	26	11	12	4.0	144
19	21	64	47	---	160	105	---	23	11	17	4.0	65
20	22	47	64	---	155	97	---	22	11	15	4.1	38
21	31	45	111	---	132	88	165	21	11	14	4.5	29
22	32	42	78	---	117	83	143	21	13	54	6.9	23
23	25	39	65	174	111	78	129	31	20	52	7.6	20
24	25	39	176	153	106	74	171	45	17	33	9.2	19
25	25	40	---	135	96	76	150	46	14	20	9.9	---
26	27	43	---	119	89	93	137	36	12	17	6.9	160
27	30	72	---	105	86	80	116	26	11	17	5.5	75
28	33	137	---	96	83	70	95	24	10	16	4.9	50
29	32	189	---	92	78	69	83	21	9.4	15	4.4	62
30	31	113	---	88	---	---	76	20	8.7	14	4.1	---
31	31	---	181	85	---	---	---	19	---	13	4.0	---
TOTAL	665	1787	---	---	---	---	---	1148	397.1	585.8	273.4	---
MEAN	21.5	59.6	---	---	---	---	---	37.0	13.2	18.9	8.82	---
MAX	33	189	---	---	---	---	---	69	20	54	43	---
MIN	14	29	---	---	---	---	---	19	8.7	8.8	4.0	---
CFSM	.16	.44	---	---	---	---	---	.27	.10	.14	.07	---
IN.	.18	.49	---	---	---	---	---	.31	.11	.16	.07	---

02433500 TOMBIGBEE RIVER AT BIGBEE, MS

LOCATION.--Lat 34°00'42", long 88°30'50", in SW¼ sec.25, T.12 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, 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.--No estimated daily discharges. Records good. Some regulation by Tennessee-Tombigbee Waterway. Telemeter at station.

AVERAGE DISCHARGE.--31 years, (water years 1945-54 and 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)
Jan. 20	0115	*6,650	*12.59				

Minimum discharge, 142 ft³/s, Dec. 4.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	232	263	320	1970	704	509	1400	448	241	279	221	250
2	226	261	198	1360	1150	504	2100	427	235	430	216	258
3	229	260	157	1180	1290	525	2910	397	239	386	214	285
4	229	254	152	915	1300	1450	2070	395	234	312	244	329
5	229	256	168	754	1220	1670	1720	370	237	314	229	292
6	225	249	168	644	1150	1470	1300	361	232	301	226	283
7	222	247	168	755	765	1270	1120	343	230	290	218	266
8	238	255	167	559	762	1160	999	326	226	300	209	258
9	238	277	166	567	729	1300	805	317	227	295	207	255
10	239	1330	166	553	611	1790	712	327	228	283	203	255
11	249	631	166	512	622	1580	658	318	224	286	197	260
12	253	502	166	498	612	1430	989	326	218	308	197	269
13	236	324	166	1010	598	1260	1260	308	218	340	218	282
14	231	252	183	1070	593	1190	1140	291	219	323	265	292
15	233	227	246	893	2590	1010	970	287	223	372	267	271
16	237	236	179	712	2030	898	723	288	222	290	267	762
17	239	776	178	975	2370	740	645	279	222	248	260	1110
18	246	448	179	1190	1910	683	993	274	343	233	263	636
19	253	401	171	3260	1670	652	1110	263	224	223	268	391
20	262	300	168	4970	1600	627	1370	259	218	224	266	296
21	269	254	168	3460	1410	589	1200	251	217	304	269	242
22	271	235	179	3650	1190	548	898	268	216	238	266	229
23	269	230	190	3310	1050	517	690	354	236	243	264	219
24	262	223	840	2090	800	497	898	425	272	316	275	334
25	266	218	1350	1360	740	602	995	480	270	250	266	777
26	268	281	1370	1090	732	544	844	341	273	242	258	582
27	271	301	2270	786	607	639	660	291	273	228	253	445
28	263	1800	3130	673	565	544	592	273	306	232	256	285
29	263	955	3010	608	539	491	518	270	274	222	258	671
30	261	535	2650	576	---	900	473	452	260	219	261	1530
31	260	---	2860	554	---	1090	---	254	---	233	256	---
TOTAL	7669	12781	21649	42504	31909	28679	32762	10263	7257	8764	7537	12614
MEAN	247	426	698	1371	1100	925	1092	331	242	283	243	420
MAX	271	1800	3130	4970	2590	1790	2910	480	343	430	275	1530
MIN	222	218	152	498	539	491	473	251	216	219	197	219
CFSM	.20	.35	.57	1.12	.90	.75	.89	.27	.20	.23	.20	.34
IN.	.23	.39	.66	1.29	.97	.87	.99	.31	.22	.27	.23	.38

CAL YR 1987	TOTAL	352125	MEAN 965	MAX 17300	MIN 152	CFSM .79	IN 10.68
WTR YR 1988	TOTAL	224388	MEAN 613	MAX 4970	MIN 152	CFSM .50	IN 6.81

MOBILE RIVER BASIN

02433500 TOMBIGBEE RIVER AT BIGBEE, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.25	3.37	3.67	6.65	4.53	4.16	5.95	3.87	3.23	3.36	3.15	3.26
2	3.23	3.36	3.27	5.76	5.42	4.14	7.92	3.81	3.20	3.72	3.13	3.29
3	3.24	3.36	3.10	5.32	5.64	4.19	8.59	3.73	3.22	3.68	3.12	3.38
4	3.24	3.34	3.06	4.90	5.64	6.10	6.91	3.73	3.20	3.48	3.24	3.53
5	3.24	3.34	3.15	4.64	5.45	6.27	6.33	3.66	3.21	3.48	3.18	3.41
6	3.22	3.31	3.15	4.44	5.30	5.89	5.60	3.63	3.19	3.44	3.17	3.38
7	3.21	3.31	3.15	4.62	4.65	5.53	5.20	3.57	3.18	3.40	3.14	3.32
8	3.27	3.34	3.15	4.27	4.64	5.27	4.99	3.52	3.17	3.44	3.10	3.29
9	3.28	3.41	3.14	4.28	4.57	5.78	4.65	3.49	3.17	3.42	3.09	3.28
10	3.28	5.57	3.14	4.25	4.37	6.69	4.47	3.52	3.17	3.38	3.07	3.28
11	3.31	4.41	3.14	4.16	4.38	6.11	4.36	3.49	3.16	3.39	3.05	3.29
12	3.33	4.13	3.14	4.13	4.37	5.85	4.97	3.52	3.14	3.46	3.05	3.33
13	3.27	3.68	3.14	5.04	4.34	5.54	5.48	3.46	3.14	3.55	3.13	3.37
14	3.25	3.46	3.20	5.14	4.33	5.33	5.24	3.41	3.14	3.51	3.31	3.41
15	3.25	3.37	3.41	4.87	8.47	5.05	4.93	3.39	3.16	3.66	3.32	3.34
16	3.27	3.40	3.19	4.56	7.01	4.87	4.49	3.39	3.15	3.40	3.32	4.34
17	3.28	4.63	3.19	5.10	7.22	4.61	4.33	3.36	3.15	3.25	3.30	5.16
18	3.31	4.01	3.19	5.71	6.57	4.51	4.98	3.35	3.51	3.20	3.31	4.30
19	3.33	3.90	3.16	8.79	6.29	4.45	5.55	3.31	3.16	3.15	3.32	3.71
20	3.36	3.61	3.15	11.16	6.21	4.40	5.61	3.29	3.13	3.16	3.32	3.42
21	3.39	3.47	3.15	8.63	5.84	4.32	5.36	3.26	3.13	3.42	3.33	3.23
22	3.40	3.40	3.19	8.72	5.35	4.24	4.81	3.32	3.13	3.21	3.32	3.18
23	3.39	3.39	3.24	8.34	5.11	4.17	4.43	3.61	3.20	3.23	3.31	3.14
24	3.36	3.36	4.77	6.80	4.71	4.13	4.82	3.79	3.34	3.46	3.35	3.37
25	3.38	3.34	6.01	5.68	4.61	4.33	4.99	3.90	3.33	3.26	3.32	4.49
26	3.39	3.55	5.77	5.20	4.59	4.23	4.71	3.56	3.34	3.23	3.29	4.20
27	3.40	3.62	7.76	4.69	4.36	4.42	4.37	3.40	3.34	3.18	3.27	3.85
28	3.37	6.36	9.37	4.49	4.28	4.23	4.22	3.34	3.44	3.19	3.28	3.38
29	3.37	5.01	8.12	4.36	4.22	4.11	4.05	3.33	3.35	3.15	3.29	4.73
30	3.36	4.21	7.53	4.30	---	4.88	3.93	3.77	3.30	3.14	3.30	6.29
31	3.36	---	7.77	4.25	---	5.21	---	3.27	---	3.20	3.28	---
MEAN	3.31	3.80	4.21	5.59	5.26	4.94	5.21	3.52	3.22	3.36	3.23	3.70
MAX	3.40	6.36	9.37	11.16	8.47	6.69	8.59	3.90	3.51	3.72	3.35	6.29
MIN	3.21	3.31	3.08	4.13	4.22	4.11	3.93	3.26	3.13	3.14	3.05	3.14

WTR YR 1988 MEAN 4.11 MAX 11.16 MIN 3.05

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

AVERAGE DISCHARGE.--18 years, 418 ft³/s, 24.36 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26,100 ft³/s, May 19, 1983, gage height, 27.39 ft; minimum daily, .42 ft³/s, Aug. 25, 1988.

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. 15	0545	*3,880	*15.72				

Minimum daily discharge, .42 ft³/s, Aug. 25.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	2.7	16	339	98	59	375	47	3.7	18	10	.76
2	2.2	3.0	11	263	128	55	1440	41	3.6	19	14	1.5
3	2.2	4.7	9.2	209	132	144	506	34	3.8	17	2.8	5.1
4	2.1	3.6	8.0	173	263	431	297	41	3.1	13	3.0	7.0
5	2.1	2.9	7.4	130	183	160	213	36	2.7	10	.89	4.6
6	2.1	2.8	7.6	93	122	114	204	28	2.7	9.3	.72	3.0
7	2.0	2.7	7.5	70	93	92	168	25	2.6	8.4	.82	1.7
8	1.9	3.1	7.7	102	89	87	125	21	2.6	7.9	1.0	8.9
9	2.0	96	8.4	91	81	372	102	18	6.3	38	1.3	16
10	3.1	304	6.8	82	74	403	87	20	8.7	42	.56	15
11	2.9	40	6.8	74	74	185	96	68	7.1	40	.57	16
12	2.7	12	6.7	84	77	150	253	60	6.7	35	6.7	17
13	2.7	8.4	6.9	283	74	183	172	54	5.6	23	3.8	17
14	2.6	7.2	6.7	178	139	143	132	40	4.8	28	1.8	15
15	2.5	6.7	13	122	1990	133	107	19	4.6	12	.88	15
16	2.5	100	11	121	370	118	90	11	4.1	4.6	.62	110
17	2.5	103	9.1	399	255	111	81	9.9	4.4	7.0	.53	127
18	3.0	28	8.2	379	206	106	125	8.2	4.5	2.3	.56	65
19	4.7	13	8.7	1420	379	104	427	6.9	6.5	1.2	11	24
20	12	8.6	16	1030	293	94	202	6.8	5.1	1.2	5.1	18
21	5.3	6.2	16	371	197	102	132	6.5	6.3	6.4	2.0	17
22	2.9	6.1	11	288	163	132	103	14	4.7	15	.52	15
23	2.5	5.7	9.5	209	128	128	83	120	5.9	11	.48	19
24	4.6	5.0	1400	163	110	127	258	42	12	3.1	.57	38
25	4.8	5.1	597	135	93	141	135	19	11	8.1	.42	83
26	4.8	7.3	155	117	81	134	111	11	11	3.2	.77	65
27	4.1	12	1790	107	75	89	84	7.2	10	3.4	.86	33
28	2.7	298	1330	103	68	79	69	6.3	7.9	1.3	4.5	26
29	2.7	86	521	96	64	86	61	5.1	6.6	.89	12	699
30	2.7	29	383	90	---	195	54	4.4	9.1	25	1.7	174
31	2.7	---	305	91	---	200	---	4.1	---	7.5	.54	---
TOTAL	99.8	1212.8	6700.2	7412	6099	4657	6292	834.4	177.7	421.79	91.01	1656.56
MEAN	3.22	40.4	216	239	210	150	210	26.9	5.92	13.6	2.94	55.2
MAX	12	304	1790	1420	1990	431	1440	120	12	42	14	699
MIN	1.9	2.7	6.7	70	64	55	54	4.1	2.6	.89	.42	.76
CFSM	.01	.17	.93	1.03	.90	.64	.90	.12	.03	.06	.01	.24
IN.	.02	.19	1.07	1.18	.97	.74	1.00	.13	.03	.07	.01	.26
CAL YR 1987	TOTAL	56848.70	MEAN	156	MAX	4680	MIN	1.9	CFSM	.67	IN	9.08
WTR YR 1988	TOTAL	35654.26	MEAN	97.4	MAX	1990	MIN	.42	CFSM	.42	IN	5.69

MOBILE RIVER BASIN

02435020 TOWN CREEK AT EASON BOULEVARD AT TUPELO, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.47	2.47	2.70	3.79	3.11	2.96	4.48	2.94	2.53	2.79	2.70	2.60
2	2.47	2.48	2.64	3.50	3.26	2.95	8.46	2.91	2.53	2.81	2.75	2.62
3	2.47	2.53	2.61	3.35	3.28	3.35	5.13	2.88	2.53	2.80	2.64	2.67
4	2.46	2.50	2.59	3.29	3.90	4.77	4.04	2.91	2.51	2.75	2.65	2.68
5	2.46	2.48	2.58	3.20	3.50	3.42	3.63	2.89	2.49	2.71	2.60	2.66
6	2.46	2.48	2.59	3.12	3.23	3.23	3.60	2.85	2.49	2.70	2.59	2.65
7	2.46	2.47	2.58	3.02	3.10	3.13	3.45	2.82	2.48	2.70	2.60	2.63
8	2.45	2.49	2.59	3.12	3.08	3.10	3.26	2.79	2.48	2.69	2.60	2.71
9	2.45	3.00	2.60	3.06	3.04	4.45	3.15	2.77	2.59	2.95	2.61	2.78
10	2.49	4.12	2.57	3.02	3.00	4.60	3.09	2.78	2.70	2.96	2.58	2.78
11	2.49	2.85	2.57	2.98	3.01	3.53	3.14	3.02	2.69	2.95	2.58	2.78
12	2.48	2.66	2.57	3.03	3.02	3.39	3.83	2.99	2.68	2.93	2.66	2.79
13	2.48	2.60	2.57	3.97	3.01	3.53	3.47	2.96	2.67	2.84	2.65	2.80
14	2.48	2.58	2.57	3.47	3.31	3.36	3.30	2.89	2.67	2.88	2.63	2.78
15	2.47	2.57	2.66	3.22	10.09	3.32	3.19	2.76	2.66	2.74	2.60	2.77
16	2.47	3.04	2.64	3.22	4.44	3.25	3.12	2.69	2.66	2.66	2.58	3.27
17	2.47	3.16	2.61	4.58	3.83	3.22	3.08	2.67	2.66	2.68	2.57	3.39
18	2.49	2.78	2.60	4.49	3.61	3.19	3.28	2.65	2.66	2.64	2.58	3.08
19	2.54	2.66	2.60	8.38	4.50	3.18	4.74	2.62	2.68	2.62	2.70	2.86
20	2.64	2.60	2.70	7.02	4.02	3.13	3.61	2.62	2.67	2.62	2.66	2.81
21	2.55	2.56	2.70	4.46	3.57	3.16	3.32	2.61	2.68	2.68	2.63	2.80
22	2.48	2.55	2.65	3.98	3.43	3.30	3.19	2.68	2.67	2.77	2.57	2.77
23	2.47	2.55	2.62	3.61	3.28	3.28	3.10	3.25	2.68	2.72	2.56	2.81
24	2.54	2.53	8.40	3.40	3.20	3.26	3.90	2.90	2.73	2.65	2.58	2.92
25	2.54	2.54	5.42	3.28	3.12	3.33	3.34	2.76	2.73	2.70	2.55	3.17
26	2.53	2.58	3.39	3.20	3.06	3.29	3.24	2.67	2.72	2.65	2.60	3.08
27	2.51	2.66	9.51	3.14	3.03	3.08	3.11	2.62	2.71	2.65	2.60	2.92
28	2.47	4.07	7.98	3.13	3.00	3.03	3.04	2.60	2.69	2.62	2.65	2.87
29	2.47	3.08	4.41	3.10	2.98	3.05	3.00	2.57	2.68	2.60	2.73	6.53
30	2.47	2.79	3.79	3.07	---	3.55	2.97	2.55	2.71	2.83	2.62	3.61
31	2.47	---	3.51	3.08	---	3.57	---	2.54	---	2.69	2.57	---
MEAN	2.49	2.75	3.44	3.69	3.59	3.39	3.64	2.78	2.63	2.74	2.62	2.99
MAX	2.64	4.12	9.51	8.38	10.09	4.77	8.46	3.25	2.73	2.96	2.75	6.53
MIN	2.45	2.47	2.57	2.98	2.98	2.95	2.97	2.54	2.48	2.60	2.55	2.60

WTR YR 1988 MEAN 3.06 MAX 10.09 MIN 2.45

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: Jan. 7-11, Apr. 28 to Jun. 8. Records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--49 years, 948 ft³/s, 20.76 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)
Apr. 2	1000	*16,700	*22.77	Sept. 29	1300	15,600	22.37

Minimum daily discharge, 8.3 ft³/s, Aug. 28.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	12	90	841	270	207	1990	110	32	21	13	9.4
2	15	12	74	606	1290	194	7470	90	30	36	49	9.0
3	13	13	65	401	854	315	2520	78	28	38	23	14
4	12	13	59	347	793	2630	1300	66	26	24	42	17
5	12	13	55	273	581	753	863	60	24	47	19	11
6	13	11	53	230	333	454	691	46	22	73	14	9.6
7	12	12	52	200	261	369	567	42	20	23	12	9.0
8	13	11	52	195	254	316	427	40	22	20	11	9.5
9	13	17	54	190	235	1880	361	38	22	21	11	13
10	13	1680	50	180	214	1860	315	34	25	27	11	13
11	12	229	49	175	220	720	332	100	21	33	9.8	12
12	11	98	47	268	275	540	1050	50	17	85	10	16
13	12	68	46	2010	256	669	578	30	16	51	14	15
14	11	56	47	782	266	451	377	28	17	53	10	12
15	13	48	65	418	6060	352	303	250	16	40	9.4	13
16	13	132	60	363	1540	303	257	100	17	29	9.6	185
17	12	1030	52	1640	901	275	229	68	17	24	9.9	633
18	11	162	50	1610	639	268	840	54	18	39	9.2	914
19	12	84	49	8150	1290	266	2670	36	18	25	9.2	270
20	31	61	71	4380	1100	235	893	28	16	23	42	136
21	29	50	69	1380	595	217	456	26	16	31	27	52
22	20	45	61	880	462	231	336	24	15	27	16	36
23	16	42	54	612	384	229	306	390	16	28	12	30
24	15	41	2710	461	334	216	982	140	16	19	11	29
25	15	41	1930	384	291	333	516	100	15	18	9.7	85
26	15	43	555	321	263	335	389	80	14	25	8.9	68
27	21	63	6220	276	245	215	252	60	13	18	9.0	44
28	15	1400	4840	255	231	172	185	52	13	16	8.3	34
29	14	398	1490	234	217	167	156	48	13	14	12	5200
30	14	137	801	218	---	861	130	40	15	16	18	1280
31	13	---	575	218	---	993	---	34	---	20	10	---
TOTAL	456	6022	20445	28498	20654	17026	27741	2342	570	964	480.0	9178.5
MEAN	14.7	201	660	919	712	549	925	75.5	19.0	31.1	15.5	306
MAX	31	1680	6220	8150	6060	2630	7470	390	32	85	49	5200
MIN	11	11	46	175	214	167	130	24	13	14	8.3	9.0
CFSM	.02	.32	1.07	1.48	1.15	.89	1.49	.12	.03	.05	.03	.49
IN.	.03	.36	1.23	1.71	1.24	1.02	1.66	.14	.03	.06	.03	.55

CAL YR 1987	TOTAL	208791.0	MEAN	572	MAX	17000	MIN	11	CFSM	.92	IN	12.53
WTR YR 1988	TOTAL	134376.5	MEAN	367	MAX	8150	MIN	8.3	CFSM	.59	IN	8.06

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
APR 12...	0830	1260	302	8.00	12.5	11.6	111
JUN 28...	0900	14	718	9.00	24.5	9.3	113

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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 01...	1210	17	16	0.73	--
NOV 18...	1100	136	77	28	--
DEC 28...	1130	5140	490	6800	--
JAN 28...	1425	250	44	30	--
MAR 17...	1405	267	36	26	--
APR 21...	1405	430	59	68	--
JUN 08...	1100	21	23	1.3	--
JUL 19...	1000	26	43	3.0	82
SEP 02...	0945	9.3	54	1.4	--
16...	1450	45	191	23	--

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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
JUL 19...	1002	25.0	0	4	35	89	100
19...	1004	50.0	0	2	31	83	100
19...	1006	75.0	0	1	16	85	99

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: Oct. 1-6, Dec. 20 to Jan. 27, July 13 to Aug. 7, and Aug. 17-24. Records good except for estimated daily discharges, which are fair. U. S. Army Corps of Engineers telemeter at station.

AVERAGE DISCHARGE.--22 years, 1,390 ft³/s, 23.58 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80,000 ft³/s, Mar. 17, 1973, gage height, 23.48 ft observed at crest; minimum discharge, 89 ft³/s, Aug. 31 to Sept. 1, 1988.

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)
Jan. 21	----	*2,700	Unknown				

Minimum discharge, 89 ft³/s, Aug. 31, Sept. 1, gage height, 4.26 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	105	156	545	700	569	542	1410	521	191	95	150	94
2	118	156	409	655	720	517	1400	479	183	99	146	93
3	129	156	353	670	1300	529	1660	445	176	107	140	108
4	130	159	321	675	2160	791	1640	423	172	137	138	113
5	122	161	303	630	2600	952	1320	455	170	227	138	132
6	114	161	289	625	2320	831	1070	459	164	212	150	187
7	131	164	281	675	1510	701	940	400	158	171	140	155
8	130	164	276	730	1140	632	864	357	153	147	136	130
9	128	165	275	790	984	655	758	331	149	130	134	117
10	126	175	275	755	892	920	682	322	145	117	125	108
11	125	207	280	665	820	1100	633	345	143	110	117	105
12	124	334	278	620	790	937	789	369	141	115	112	223
13	124	287	272	645	814	874	1410	339	139	130	109	542
14	123	238	284	675	765	891	1610	304	134	145	108	360
15	123	213	377	670	1090	806	1220	283	129	150	107	274
16	123	209	592	700	1830	708	955	268	128	152	105	217
17	124	246	595	1100	2180	646	814	268	125	143	104	265
18	132	433	465	1600	1690	612	776	274	123	132	102	1210
19	129	495	449	2100	1280	601	1740	247	121	122	99	1750
20	134	356	390	2500	1170	618	2500	230	119	128	98	1810
21	142	287	430	2700	1110	583	2400	220	117	150	97	879
22	156	255	480	1900	947	542	1550	212	116	185	97	561
23	167	238	485	1200	832	516	1150	211	117	230	88	431
24	159	232	430	1000	767	494	984	231	120	300	103	355
25	153	230	420	820	714	488	922	324	126	290	125	318
26	147	236	585	700	659	556	864	328	118	245	128	1190
27	147	265	740	630	622	659	832	287	112	213	118	1320
28	146	462	880	645	594	588	752	248	107	191	108	672
29	149	662	985	596	571	525	634	227	101	179	102	506
30	154	755	865	571	---	683	567	210	98	168	95	749
31	155	---	775	554	---	1310	---	200	---	156	90	---
TOTAL	4169	8257	14384	29496	33440	21807	34846	9817	4095	5076	3609	14974
MEAN	134	275	464	951	1153	703	1162	317	137	164	116	499
MAX	167	755	985	2700	2600	1310	2500	521	191	300	150	1810
MIN	105	156	272	554	569	488	567	200	98	95	88	93
CFSM	.17	.35	.58	1.19	1.45	.88	1.46	.40	.17	.21	.15	.63
IN.	.19	.38	.67	1.37	1.56	1.02	1.62	.46	.19	.24	.17	.70
CAL YR 1987	TOTAL	330035	MEAN 904	MAX 12600	MIN 98	CFSM 1.13	IN 15.39					
WTR YR 1988	TOTAL	183970	MEAN 503	MAX 2700	MIN 88	CFSM .63	IN 8.58					

MOBILE RIVER BASIN

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 U3160101, 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.--73 years, 6,534 ft³/s, 19.98 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, 31,200 ft³/s, Apr. 2, gage height 62.95 ft; minimum daily discharge, 258 ft³/s, Nov. 6.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	283	651	2010	5390	2530	1860	10900	1950	434	1470	818	414
2	544	871	933	5320	7500	2150	19800	1880	641	1030	1040	424
3	534	668	1360	3600	13500	2790	23300	1190	655	1420	1130	929
4	370	625	1590	3920	10300	9770	16900	2190	496	543	747	1730
5	515	1150	527	2290	10000	8860	15700	1350	527	518	437	545
6	454	258	879	2760	6940	6990	11700	1610	673	1120	570	676
7	541	537	1270	3440	5310	4370	5610	912	314	1460	715	460
8	349	403	1050	1110	3960	3880	3720	1740	475	460	847	450
9	396	898	586	2550	3030	6940	3400	929	701	672	578	1330
10	607	4640	1620	2880	3030	11500	3320	1870	393	928	1470	772
11	645	727	484	2240	3450	8610	3110	1320	366	843	387	493
12	752	1370	806	1750	2760	7890	5220	1510	531	1390	351	1000
13	544	854	1050	4500	3040	5540	5520	1210	615	819	331	664
14	577	980	1260	5660	2760	4770	5910	1310	607	1480	419	1020
15	525	1040	1870	4070	18000	3430	4400	1130	650	1120	677	856
16	464	947	693	2550	13100	3480	3410	1840	409	755	457	2600
17	810	3530	1390	3960	10700	2990	2610	644	409	1400	401	5710
18	633	1470	1100	6520	10200	3140	4670	1140	606	1290	710	3840
19	783	1760	1170	10300	7700	2520	9790	690	729	803	537	2180
20	1150	788	1860	20300	6660	2680	8430	745	935	585	799	3300
21	482	1050	1860	10800	5740	2350	7830	839	485	2450	796	2120
22	860	919	1280	10400	3720	2240	6100	1770	758	789	947	1310
23	455	590	1270	9450	3820	2200	4430	1860	857	837	452	1160
24	625	1260	3870	6330	2720	2100	4670	2110	533	1490	1960	1090
25	473	476	7210	3540	3520	3310	4020	922	478	1950	835	2480
26	611	1050	5290	3330	2460	3160	3880	1450	708	787	476	1220
27	1340	1250	9750	2570	2800	3330	2910	670	1310	1520	700	2300
28	392	5820	17400	2490	2200	2260	3020	1600	557	430	517	2190
29	487	4650	10400	2610	2620	2340	1770	1460	459	1060	468	3980
30	464	2600	7290	1950	---	6280	2230	834	1470	806	607	6840
31	464	---	7600	2560	---	8150	---	732	---	1160	518	---
TOTAL	18129	43832	96728	151140	174070	141880	208280	41407	18781	33385	21697	54083
MEAN	585	1461	3120	4875	6002	4577	6943	1336	626	1077	700	1803
MAX	1340	5820	17400	20300	18000	11500	23300	2190	1470	2450	1960	6840
MIN	283	258	484	1110	2200	1860	1770	644	314	430	331	414
CFSM	.13	.33	.70	1.10	1.35	1.03	1.56	.30	.14	.24	.16	.41
IN.	.15	.37	.81	1.27	1.46	1.19	1.75	.35	.16	.28	.18	.45
CAL YR 1987 TOTAL	1635660		MEAN	4481	MAX	63700	MIN	258	CFSM	1.01	IN	13.70
WTR YR 1988 TOTAL	1003412		MEAN	2742	MAX	23300	MIN	258	CFSM	.62	IN	8.41

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 National Geodetic Vertical Datum 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 National Geodetic Vertical Datum of 1929 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 National Geodetic Vertical 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, 14.36 ft, Apr. 3; minimum daily, 7.25 ft, Oct. 28.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.32	7.43	7.47	7.96	7.61	7.47	9.07	7.48	7.41	7.44	7.75	7.59
2	7.31	7.42	7.43	7.87	8.52	7.56	10.82	7.50	7.43	7.39	7.74	7.52
3	7.31	7.38	7.46	7.66	10.59	7.74	13.46	7.48	7.37	7.42	7.84	7.60
4	7.33	7.39	7.39	7.70	9.64	8.77	11.06	7.51	7.35	7.31	7.69	7.86
5	7.40	7.33	7.43	7.47	9.47	8.62	10.68	7.41	7.45	7.36	7.63	7.74
6	7.35	7.31	7.47	7.54	8.58	8.30	9.64	7.44	7.39	7.49	7.60	7.73
7	7.33	7.37	7.48	7.70	8.09	7.78	8.03	7.41	7.37	7.46	7.68	7.74
8	7.35	7.43	7.45	7.38	7.84	7.74	7.70	7.56	7.40	7.33	7.70	7.72
9	7.36	7.46	7.39	7.55	7.62	8.17	7.60	7.46	7.37	7.38	7.72	7.72
10	7.40	7.72	7.45	7.59	7.67	9.16	7.62	7.42	7.32	7.46	7.81	7.58
11	7.35	7.27	7.42	7.52	7.66	8.75	7.62	7.42	7.36	7.39	7.46	7.49
12	7.33	7.45	7.39	7.53	7.59	8.47	7.84	7.44	7.41	7.43	7.40	7.45
13	7.32	7.40	7.43	7.77	7.63	7.98	8.04	7.42	7.43	7.40	7.35	7.42
14	7.39	7.40	7.54	8.05	7.66	7.78	8.10	7.42	7.41	7.64	7.33	7.42
15	7.41	7.46	7.47	7.77	10.80	7.61	7.88	7.42	7.42	7.73	7.36	7.52
16	7.43	7.58	7.34	7.60	10.38	7.64	7.59	7.46	7.39	7.82	7.37	7.76
17	7.40	7.66	7.44	7.78	9.44	7.58	7.65	7.33	7.41	7.86	7.37	7.96
18	7.33	7.41	7.44	8.15	9.24	7.60	7.78	7.42	7.47	7.79	7.39	7.74
19	7.40	7.47	7.50	8.99	8.67	7.48	8.76	7.36	7.39	7.71	7.47	7.57
20	7.42	7.33	7.46	11.91	8.38	7.59	8.74	7.42	7.42	7.66	7.57	7.69
21	7.34	7.45	7.49	9.92	8.10	7.52	8.70	7.46	7.39	7.86	7.66	7.50
22	7.38	7.45	7.43	9.47	7.95	7.54	8.33	7.54	7.44	7.82	7.78	7.45
23	7.35	7.42	7.49	9.14	7.77	7.51	7.91	7.52	7.40	7.79	7.73	7.43
24	7.37	7.46	7.71	8.39	7.60	7.59	7.83	7.51	7.33	7.88	7.90	7.43
25	7.34	7.45	8.40	7.75	7.64	7.67	7.73	7.33	7.32	7.85	7.81	7.53
26	7.44	7.44	7.86	7.71	7.61	7.58	7.71	7.45	7.37	7.71	7.73	7.33
27	7.32	7.50	8.61	7.59	7.57	7.60	7.55	7.40	7.42	7.83	7.74	7.53
28	7.25	8.03	10.76	7.62	7.54	7.55	7.59	7.47	7.35	7.75	7.71	7.52
29	7.35	7.90	9.14	7.61	7.54	7.58	7.47	7.46	7.34	7.73	7.64	7.66
30	7.36	7.53	8.39	7.58	---	8.03	7.47	7.38	7.46	7.73	7.60	8.38
31	7.41	---	8.38	7.59	---	8.42	---	7.37	---	7.67	7.59	---
MEAN	7.36	7.48	7.76	8.06	8.36	7.88	8.47	7.44	7.39	7.62	7.62	7.62
MAX	7.44	8.03	10.76	11.91	10.80	9.16	13.46	7.56	7.47	7.88	7.90	8.38
MIN	7.25	7.27	7.34	7.38	7.54	7.47	7.47	7.33	7.32	7.31	7.33	7.33

CAL YR 1987 MEAN 8.22 MAX 24.74 MIN 7.23
WTR YR 1988 MEAN 7.75 MAX 13.46 MIN 7.25

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.--16 years, 1,130 ft³/s, 21.46 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, 20 ft³/s, Aug. 19, 1988, gage height, 6.67 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)
Jan. 21	2100	*3,310	*14.28				

Minimum discharge, 20 ft³/s, Aug. 19.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	84	335	539	437	402	797	215	95	61	54	33
2	77	84	272	503	584	373	918	195	85	54	52	31
3	83	84	216	508	1540	380	1150	182	79	59	50	38
4	76	85	184	523	2360	474	1120	173	77	65	49	61
5	69	85	167	487	2170	557	961	165	72	70	47	76
6	65	85	155	459	1750	632	805	167	69	84	51	123
7	63	86	148	449	1430	567	681	165	65	86	47	126
8	63	87	145	464	1130	505	593	152	64	73	41	91
9	61	90	142	524	923	504	521	136	61	63	37	66
10	60	93	140	552	776	608	446	125	60	58	36	54
11	61	98	140	495	685	669	391	115	57	56	34	49
12	59	112	143	446	639	655	490	115	56	55	34	57
13	58	123	141	435	605	596	803	110	55	56	31	235
14	58	118	140	453	582	544	1050	103	52	60	31	358
15	59	112	144	463	911	510	884	100	51	62	31	359
16	58	116	158	452	1280	460	740	95	50	59	30	244
17	60	138	182	425	1550	413	588	88	49	62	28	196
18	60	171	194	410	1240	384	508	85	49	55	25	247
19	63	228	182	487	1140	370	629	80	50	54	26	458
20	64	226	192	1080	1080	364	1050	75	47	50	30	585
21	63	183	226	2660	983	355	1300	73	47	61	39	434
22	65	154	338	2480	895	335	1000	83	46	91	32	266
23	70	136	382	1530	798	313	846	124	44	128	44	185
24	73	127	340	1310	697	302	680	152	44	167	159	142
25	78	123	294	1080	614	307	556	325	42	151	155	118
26	78	131	277	826	549	372	479	373	42	113	99	100
27	79	148	359	672	504	444	409	340	40	87	74	89
28	79	206	547	576	467	449	347	246	37	72	56	86
29	82	310	698	511	430	396	292	171	37	65	46	91
30	85	351	717	462	---	457	246	133	52	59	39	109
31	86	---	622	436	---	609	---	111	---	56	35	---
TOTAL	2118	4174	8320	22697	28749	14306	21280	4772	1674	2292	1542	5107
MEAN	68.3	139	268	732	991	461	709	154	55.8	73.9	49.7	170
MAX	86	351	717	2660	2360	669	1300	373	95	167	159	585
MIN	58	84	140	410	430	302	246	73	37	50	25	31
CFSM	.10	.19	.38	1.02	1.39	.65	.99	.22	.08	.10	.07	.24
IN.	.11	.22	.43	1.18	1.50	.74	1.11	.25	.09	.12	.08	.27
CAL YR 1987	TOTAL	216681	MEAN	594	MAX	9400	MIN	46	CFSM	.83	IN	11.27
WTR YR 1988	TOTAL	117031	MEAN	320	MAX	2660	MIN	25	CFSM	.45	IN	6.09

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
APR 13...	1200	788	29	8.50	16.5	10.9	112
JUN 29...	1200	37	39	6.70	29.5	6.9	92

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.--No estimated daily discharges. Records good. Telemeter at station.

AVERAGE DISCHARGE.--54 years, 1,037 ft³/s, 18.34 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)
Apr. 2	2100	*3,250	*16.85				

Minimum discharge, 43 ft³/s, Oct. 24; minimum gage height, 5.22 ft, June 30.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62	49	103	165	97	193	1050	151	71	281	131	60
2	59	49	87	126	697	221	2310	136	68	170	120	58
3	56	50	89	110	2190	193	3130	125	66	125	146	60
4	54	53	81	110	1560	192	2750	117	65	296	138	97
5	53	53	74	99	1070	258	2360	110	65	371	112	124
6	53	56	70	90	1110	552	2430	108	63	281	107	122
7	53	55	68	228	1030	850	2560	106	62	145	103	107
8	52	56	67	192	681	681	2260	103	62	119	92	113
9	50	58	65	135	443	857	1140	93	61	105	84	94
10	47	60	65	134	345	1150	559	89	59	120	79	79
11	45	65	64	110	272	1010	397	85	56	112	76	71
12	45	64	63	101	243	925	344	81	55	178	72	68
13	45	68	62	131	228	876	383	79	53	282	70	232
14	44	73	62	119	217	692	432	77	55	184	77	141
15	44	67	63	108	986	496	588	76	54	123	71	88
16	44	78	63	98	1120	394	472	73	53	129	66	96
17	44	86	64	99	998	321	341	73	52	137	63	117
18	46	118	68	108	1130	277	322	78	55	126	62	121
19	45	89	67	449	1100	265	610	72	52	147	60	130
20	45	91	73	1620	864	253	971	70	59	292	58	159
21	45	90	97	630	663	232	1030	67	60	383	65	128
22	44	95	93	268	543	221	1160	67	53	274	66	107
23	43	81	93	195	455	212	873	75	51	287	65	95
24	44	74	79	188	371	206	549	135	52	216	66	80
25	46	69	82	154	322	246	396	123	52	157	72	75
26	47	67	82	130	275	299	299	105	51	135	73	70
27	51	68	137	114	250	346	247	96	50	187	82	69
28	51	75	131	106	214	296	211	92	49	208	72	68
29	49	79	199	100	198	299	180	89	48	172	68	93
30	48	87	210	97	---	470	162	83	68	146	67	96
31	49	---	237	95	---	597	---	76	---	154	63	---
TOTAL	1503	2123	2858	6409	19672	14080	30516	2910	1720	6042	2546	3012
MEAN	48.5	70.8	92.2	207	678	454	1017	93.9	57.3	195	82.1	101
MAX	62	118	237	1620	2190	1150	3130	151	71	383	146	232
MIN	43	49	62	90	97	192	162	67	48	105	58	58
CFSM	.06	.09	.12	.27	.88	.59	1.32	.12	.08	.25	.11	.13
IN.	.07	.10	.14	.31	.95	.68	1.48	.14	.08	.29	.12	.15
CAL YR 1987	TOTAL	271495	MEAN 744	MAX 11600	MIN 43	CFSM .97	IN 13.15					
WTR YR 1988	TOTAL	93397	MEAN 255	MAX 3130	MIN 43	CFSM .33	IN 4.52					

MOBILE RIVER BASIN

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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 1987 TO SEPTEMBER 1988

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					
20...	1305	45	31	3.8	--
DEC					
15...	1630	62	28	4.7	--
JAN					
26...	1040	131	22	7.8	--
MAR					
08...	1130	681	121	222	--
APR					
02...	1340	2660	486	3490	96
02...	1645	3060	435	3590	96
02...	1800	3160	392	3340	97
02...	2100	3250	297	2610	98
03...	1540	3140	301	2550	97
05...	1200	2340	152	960	--
06...	1140	2430	141	925	--
12...	1200	337	41	37	--
19...	1015	604	111	181	--
MAY					
24...	1310	159	49	21	--
JUL					
12...	0930	186	50	25	--
AUG					
24...	0925	67	42	7.6	--
SEP					
06...	1015	122	35	12	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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
SEP									
06...	1017	25.0	5	26	46	72	85	86	88
06...	1019	50.0	1	4	9	24	40	55	73
06...	1021	75.0	0	1	5	22	40	61	80

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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 1.00 MM
APR								
02...	2100	61	66	72	83	94	98	100
SEP								
06...	1015	78	82	85	93	97	100	--

MOBILE RIVER BASIN

0244850U NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE¼ sec. 33, T. 23 N., R. 3 W., Sumter County, 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: Jan. 3-4 and May 2-11. 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. 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.--44 years (water years 1940, 1945-65, 1967-88), 1,550 ft³/s, 19.19 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, 6,070 ft³/s, Apr. 3, gage height, 25.24 ft; minimum, 44 ft³/s, June 30.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181	52	101	289	151	282	987	222	79	750	136	68
2	74	52	100	316	332	261	2600	205	74	393	135	65
3	61	52	103	310	2710	297	5700	190	71	281	126	65
4	57	52	96	305	2580	610	4390	175	68	296	136	110
5	54	52	96	299	1720	471	2880	165	65	1270	142	113
6	53	52	92	230	1230	396	2240	150	64	610	116	115
7	52	55	86	323	1160	639	2190	140	63	372	102	126
8	52	55	83	1400	1070	902	2230	130	61	181	100	113
9	52	56	82	735	815	1340	1930	120	59	114	95	105
10	52	58	82	356	602	1970	1170	110	58	99	88	105
11	51	59	82	276	488	1570	714	105	56	312	82	95
12	50	60	84	246	415	1220	557	98	55	1390	81	83
13	47	62	96	266	378	1300	515	93	54	681	100	75
14	47	66	92	453	348	1120	522	92	52	350	77	127
15	47	65	88	308	1530	879	550	89	51	239	76	190
16	47	74	89	243	1880	679	671	87	51	142	79	130
17	48	87	98	206	1350	548	581	84	50	197	73	111
18	47	86	179	192	1160	468	622	82	50	214	69	135
19	47	95	305	440	1240	430	2050	82	61	125	66	141
20	49	109	263	4320	1240	406	1500	81	67	141	64	130
21	48	91	168	2600	1020	383	1180	77	54	190	81	164
22	48	88	139	969	825	351	1130	75	54	372	92	168
23	47	90	123	524	698	327	1170	74	64	331	119	133
24	48	92	200	360	600	313	945	78	51	297	91	116
25	48	85	962	321	499	355	683	113	49	237	80	103
26	49	84	619	280	438	668	500	142	48	161	73	90
27	50	82	326	231	381	622	387	113	48	129	74	85
28	49	99	325	194	349	553	324	98	49	137	76	82
29	51	190	342	173	311	459	284	91	47	198	81	307
30	53	143	373	160	---	620	245	87	167	172	74	654
31	53	---	379	153	---	1010	---	84	---	141	69	---
TOTAL	1712	2343	6253	17478	27520	21449	41447	3532	1840	10522	2853	4104
MEAN	55.2	78.1	202	564	949	692	1382	114	61.3	339	92.0	137
MAX	181	190	962	4320	2710	1970	5700	222	167	1390	142	654
MIN	47	52	82	153	151	261	245	74	47	99	64	65
CFSM	.05	.07	.18	.51	.87	.63	1.26	.10	.06	.31	.08	.12
IN.	.06	.08	.21	.59	.93	.73	1.41	.12	.06	.36	.10	.14

CAL YR 1987 TOTAL 404077 MEAN 1107 MAX 12400 MIN 47 CFSM 1.01 IN. 13.70
WTR YR 1988 TOTAL 141053 MEAN 385 MAX 5700 MIN 47 CFSM .35 IN. 4.78

PASCAGOULA RIVER BASIN

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02472000 LEAF RIVER NEAR COLLINS, MS

LOCATION.--Lat 31°42'25", long 89°24'25", in NE1 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 Oakonay 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 and crest-stage gage. 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.--50 years, 1,085 ft³/s, 19.83 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)
Apr. 3	0200	*7,720	*16.84				

Minimum discharge, 94 ft³/s, Aug. 19, 20, gage height, 3.42 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	126	112	168	284	325	425	3870	318	120	101	106	348
2	116	112	160	272	819	398	5570	292	118	100	158	409
3	112	112	156	267	1370	526	7120	269	185	109	192	343
4	108	112	152	250	2020	852	6180	260	185	140	151	3160
5	107	114	148	236	2630	981	5220	260	146	194	146	5750
6	107	115	146	222	2440	1070	3530	243	134	181	129	4690
7	107	113	145	240	1620	770	2110	227	131	177	125	4510
8	106	113	146	395	812	594	1520	214	125	164	129	3200
9	105	117	147	426	618	571	996	205	122	136	128	816
10	106	127	148	425	527	906	706	197	117	123	132	561
11	107	130	147	358	486	1240	562	192	111	118	143	492
12	106	127	144	299	556	1110	515	188	108	117	130	439
13	105	124	142	281	558	797	485	183	108	115	144	369
14	105	123	150	312	531	595	442	175	109	107	147	333
15	105	125	163	300	1730	504	400	169	108	101	126	346
16	105	144	213	279	2390	437	364	167	108	97	113	388
17	105	483	192	264	2500	382	334	170	108	152	105	435
18	106	431	167	259	2310	370	348	167	109	417	102	419
19	107	268	161	353	2680	493	1800	156	144	346	99	362
20	106	218	205	1870	2350	544	1820	150	124	194	97	296
21	105	183	375	1840	1970	517	1670	148	117	151	530	249
22	105	166	562	1800	1240	449	955	162	112	157	3260	218
23	105	158	464	1210	861	382	628	165	109	153	2910	198
24	106	151	357	594	714	341	1070	153	108	148	2420	187
25	107	148	296	487	606	810	1860	154	114	133	805	180
26	111	149	257	422	543	2810	2090	151	115	124	437	167
27	114	171	301	371	496	3760	1060	141	108	126	315	160
28	115	213	471	336	473	4160	542	135	108	126	244	152
29	113	204	463	308	454	3440	414	129	106	142	214	161
30	113	183	411	293	---	2660	354	126	102	118	252	182
31	112	---	332	283	---	3210	---	122	---	108	183	---
TOTAL	3363	5046	7489	15536	36629	36104	54535	5788	3619	4675	14172	29520
MEAN	108	168	242	501	1263	1165	1818	187	121	151	457	984
MAX	126	483	562	1870	2680	4160	7120	318	185	417	3260	5750
MIN	105	112	142	222	325	341	334	122	102	97	97	152
CFSM	.15	.23	.33	.67	1.70	1.57	2.45	.25	.16	.20	.62	1.32
IN.	.17	.25	.37	.78	1.83	1.81	2.73	.29	.18	.23	.71	1.46

CAL YR 1987 TOTAL 464117 MEAN 1272 MAX 24200 MIN 105 CFSM 1.71 IN 23.24
WTR YR 1988 TOTAL 216476 MEAN 591 MAX 7120 MIN 97 CFSM .80 IN 10.84

PASCAGOULA RIVER BASIN

U2472500 BOWIE CREEK NEAR HATTIESBURG, MS

LOCATION.--Lat 31°25'32", long 89°24'53", in NW¼SW¼ 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.--Estimated daily discharges: January 12 to March 1. Records good except for estimated daily discharges, which are fair.

AVERAGE DISCHARGE.--50 years, 448 ft³/s, 20.01 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)
Sept. 4	2230	*3,170	*10.77				

Minimum discharge, 127 ft³/s, July 2-4, gage height, 3.27 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	144	159	179	221	480	271	1260	186	149	134	138	159
2	144	159	170	306	720	269	1710	183	148	130	140	156
3	141	159	165	293	900	359	2430	179	162	128	153	166
4	139	160	163	245	980	499	1620	178	193	130	145	1600
5	139	161	162	218	920	466	906	181	191	286	138	2190
6	141	159	164	203	780	364	600	181	167	303	139	1210
7	141	159	167	221	500	314	430	182	157	198	139	429
8	141	161	195	357	340	289	365	178	154	183	142	257
9	141	167	210	325	305	365	322	176	154	149	151	214
10	142	178	201	262	280	689	290	179	153	141	198	212
11	142	179	183	227	300	521	268	180	146	140	214	236
12	142	176	175	210	330	378	256	168	143	139	192	299
13	142	172	169	220	300	335	249	166	140	138	167	245
14	143	172	170	245	660	295	239	171	139	134	155	209
15	144	174	173	230	1100	267	228	174	137	134	148	194
16	145	194	172	210	960	250	217	172	135	155	143	308
17	146	747	179	260	1600	240	211	171	135	168	142	432
18	147	444	175	310	2200	260	219	174	136	212	143	301
19	148	308	169	580	2700	301	363	171	156	184	141	234
20	148	223	183	960	1150	285	414	168	166	163	140	204
21	147	194	332	720	740	258	353	170	152	152	146	187
22	146	182	580	620	500	240	277	178	143	163	167	177
23	148	176	428	430	390	232	241	188	140	189	168	171
24	151	173	296	380	345	227	230	191	142	178	167	166
25	154	171	241	360	310	390	219	299	144	157	155	163
26	157	180	224	320	285	861	207	200	148	147	153	160
27	160	241	233	280	270	619	202	171	144	143	148	158
28	163	235	357	245	260	463	194	160	138	145	148	156
29	163	220	341	225	260	385	187	155	142	143	144	175
30	160	198	251	200	---	869	187	152	148	156	180	323
31	159	---	222	230	---	1160	---	150	---	142	184	---
TOTAL	4568	6381	7029	10113	20865	12721	14894	5532	4502	5064	4828	11091
MEAN	147	213	227	326	719	410	496	178	150	163	156	370
MAX	163	747	580	960	2700	1160	2430	299	193	303	214	2190
MIN	139	159	162	200	260	227	187	150	135	128	138	156
CFSM	.48	.70	.75	1.07	2.37	1.35	1.63	.59	.49	.54	.51	1.22
IN.	.56	.78	.86	1.24	2.55	1.56	1.82	.68	.55	.62	.59	1.36

CAL YR 1987 TOTAL 201277 MEAN 551 MAX 10500 MIN 139 CFSM 1.81 IN 24.63
WTR YR 1988 TOTAL 107588 MEAN 294 MAX 2700 MIN 128 CFSM .97 IN 13.17

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

AVERAGE DISCHARGE.--50 years, 2,683 ft³/s, 20.84 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.

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)
Feb. 19	1330	14,200	13.96	Sept. 5	1230	12,800	13.12
Apr. 4	0500	*14,400	*14.05				

Minimum discharge, 453 ft³/s, July 3, gage height, 1.76 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	601	582	987	1530	1370	1440	8060	1080	608	484	591	689
2	600	571	911	1590	3440	1390	10400	1030	609	477	552	801
3	586	560	876	1670	4490	1790	14100	988	628	458	562	885
4	575	565	867	1560	5480	2270	13900	946	734	459	613	3170
5	561	562	858	1450	5670	2510	11900	930	813	597	578	12100
6	554	559	869	1380	5540	2390	9100	938	719	1090	554	11300
7	557	561	867	1500	4310	2250	5020	927	662	967	552	8780
8	556	566	891	1800	2930	1890	3730	904	646	859	547	6490
9	557	574	957	2080	2110	1760	2870	882	649	694	584	2890
10	564	603	975	1980	1810	2540	2280	860	645	597	663	1770
11	570	620	953	1790	1630	2740	2020	852	593	567	749	1680
12	560	627	938	1630	1720	2600	1830	822	570	534	715	1830
13	541	615	928	1570	1890	2260	1710	807	552	525	691	1520
14	516	612	919	1590	1720	1930	1620	794	541	512	626	1190
15	528	614	937	1620	3410	1680	1500	791	534	520	598	1080
16	530	795	956	1540	6410	1500	1400	772	512	562	552	1370
17	542	2150	1030	1480	5500	1390	1330	753	501	805	520	1870
18	554	2180	1060	1620	6070	1370	1310	761	507	1330	509	1630
19	550	1620	1010	1870	13400	1470	1760	783	534	1340	510	1370
20	530	1120	1030	4840	9910	1640	3390	746	590	1040	518	1150
21	535	918	1490	5650	6390	1650	3360	726	599	759	525	1020
22	539	834	2360	4110	4500	1530	2780	750	553	787	1480	922
23	536	792	2310	3330	2970	1410	1980	804	521	817	3800	865
24	545	782	2010	2400	2290	1320	1650	786	502	790	3880	829
25	560	790	1630	2160	1970	1650	2070	1060	519	716	2740	807
26	563	837	1460	2110	1790	4640	2640	931	523	625	1430	801
27	565	912	1420	1830	1640	6290	2520	798	511	577	1000	751
28	573	1100	1650	1600	1560	6550	1730	738	495	593	822	751
29	574	1160	2080	1460	1500	6760	1310	691	490	588	723	755
30	574	1090	1910	1370	---	6730	1160	643	492	591	646	1600
31	580	---	1660	1310	---	7360	---	624	---	584	744	---
TOTAL	17276	25871	38799	63420	113420	84700	120430	25917	17352	21844	29574	72666
MEAN	557	862	1252	2046	3911	2732	4014	836	578	705	954	2422
MAX	601	2180	2360	5650	13400	7360	14100	1080	813	1340	3880	12100
MIN	516	559	858	1310	1370	1320	1160	624	490	458	509	689
CFSM	.32	.49	.72	1.17	2.24	1.56	2.30	.48	.33	.40	.55	1.39
IN.	.37	.55	.83	1.35	2.41	1.80	2.56	.55	.37	.46	.63	1.55

CAL YR 1987	TOTAL	1165150	MEAN	3192	MAX	41500	MIN	516	CFSM	1.83	IN	24.80
WTR YR 1988	TOTAL	631269	MEAN	1725	MAX	14100	MIN	458	CFSM	.99	IN	13.43

PASCAGOULA RIVER BASIN

U2473000 LEAF RIVER AT HATTIESBURG, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.16	2.12	2.64	3.10	3.17	3.40	9.98	2.77	1.98	1.83	2.00	2.17
2	2.16	2.10	2.49	3.17	5.89	3.32	11.53	2.69	1.98	1.82	1.92	2.38
3	2.13	2.07	2.41	3.27	7.07	3.89	13.91	2.62	2.03	1.77	1.94	2.54
4	2.10	2.08	2.39	3.11	7.95	4.65	13.79	2.54	2.24	1.77	2.05	5.23
5	2.08	2.08	2.36	2.93	8.12	5.02	12.53	2.52	2.40	2.06	1.97	12.66
6	2.06	2.07	2.36	2.82	8.00	4.84	10.70	2.53	2.23	2.99	1.91	12.16
7	2.07	2.08	2.35	2.98	6.90	4.61	7.54	2.52	2.12	2.78	1.91	10.50
8	2.06	2.09	2.38	3.39	5.49	4.01	6.34	2.48	2.09	2.59	1.89	8.75
9	2.07	2.10	2.48	3.74	4.44	3.82	5.43	2.44	2.10	2.27	1.97	5.38
10	2.08	2.17	2.50	3.60	4.01	5.01	4.63	2.40	2.10	2.06	2.13	4.02
11	2.10	2.20	2.45	3.34	3.78	5.28	4.14	2.39	2.00	2.00	2.30	3.88
12	2.07	2.22	2.41	3.11	3.94	5.12	3.85	2.34	1.95	1.93	2.23	4.06
13	2.03	2.19	2.38	3.04	4.19	4.61	3.69	2.31	1.92	1.91	2.19	3.62
14	1.98	2.19	2.35	3.09	3.97	4.07	3.55	2.29	1.90	1.87	2.05	3.10
15	2.00	2.19	2.37	3.16	5.87	3.70	3.39	2.28	1.89	1.88	1.98	2.91
16	2.01	2.50	2.39	3.06	8.72	3.45	3.25	2.25	1.84	1.97	1.89	3.35
17	2.03	4.55	2.51	3.00	7.97	3.28	3.15	2.21	1.82	2.42	1.82	4.04
18	2.06	4.62	2.54	3.21	8.38	3.24	3.11	2.23	1.84	3.35	1.79	3.71
19	2.05	3.85	2.44	3.59	13.46	3.40	3.79	2.28	1.91	3.35	1.79	3.31
20	2.01	3.07	2.48	7.19	11.25	3.64	5.99	2.21	2.04	2.88	1.81	2.96
21	2.02	2.71	3.16	8.08	8.70	3.65	5.96	2.17	2.06	2.37	1.83	2.72
22	2.03	2.54	4.66	6.71	7.07	3.47	5.30	2.22	1.97	2.42	3.34	2.54
23	2.02	2.44	4.53	5.92	5.53	3.29	4.11	2.33	1.90	2.47	6.41	2.42
24	2.04	2.40	3.88	4.72	4.72	3.16	3.62	2.29	1.86	2.42	6.49	2.34
25	2.07	2.39	3.33	4.19	4.26	3.66	4.27	2.77	1.90	2.28	5.23	2.28
26	2.08	2.46	3.07	4.12	3.97	7.18	5.16	2.56	1.92	2.09	3.42	2.26
27	2.08	2.58	3.00	3.71	3.74	8.62	4.98	2.32	1.90	1.99	2.75	2.15
28	2.10	2.88	3.31	3.42	3.61	8.83	3.75	2.22	1.87	2.01	2.43	2.13
29	2.10	2.96	3.88	3.23	3.49	9.01	3.13	2.13	1.86	2.00	2.24	2.12
30	2.10	2.82	3.65	3.13	---	8.98	2.90	2.04	1.86	2.01	2.09	3.45
31	2.12	---	3.30	3.06	---	9.47	---	2.00	---	2.00	2.28	---
MEAN	2.07	2.56	2.85	3.81	6.13	4.89	5.92	2.37	1.98	2.24	2.52	4.17
MAX	2.16	4.62	4.66	8.08	13.46	9.47	13.91	2.77	2.40	3.35	6.49	12.66
MIN	1.98	2.07	2.35	2.82	3.17	3.16	2.90	2.00	1.82	1.77	1.79	2.12
WTR YR 1988	MEAN 3.44		MAX 13.91	MIN 1.77								

PASCAGOULA RIVER BASIN

61

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 and crest-stage gage. 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.--Estimated daily discharges: Sept. 26-30. Records good.

AVERAGE DISCHARGE.--9 years, 165 ft³/s, 21.97 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,900 ft³/s, Apr. 13, 1974, gage height, 23.18 ft present datum; minimum, 1.5 ft³/s, July 1, 1988.

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)
Apr. 3	0930	3,290	18.64	Sept. 5	0045	*4,260	*19.21

Minimum discharge, 1.5 ft³/s, July 1; gage height 6.88 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	5.6	9.8	20	22	30	1430	20	3.9	1.5	3.3	165
2	6.6	5.8	8.3	24	100	26	1970	18	3.7	3.2	2.9	57
3	4.9	5.9	7.8	28	448	36	2720	16	3.7	4.5	2.7	46
4	4.1	6.0	7.5	25	440	86	1270	15	4.4	3.2	3.1	1420
5	3.9	6.4	7.7	21	717	87	310	13	4.0	56	2.6	3210
6	4.0	6.7	7.4	16	310	59	145	12	3.6	101	2.6	1370
7	3.9	6.2	7.4	18	99	42	104	11	3.6	52	2.8	190
8	3.7	5.9	7.8	71	68	34	79	10	4.3	22	3.3	46
9	3.6	6.7	8.3	69	55	43	64	9.0	4.1	12	5.8	28
10	3.7	11	9.5	37	45	167	55	17	3.4	7.5	5.5	28
11	3.7	13	8.6	25	41	136	48	46	2.8	6.1	5.6	34
12	3.8	9.3	7.9	21	64	103	44	28	2.6	8.6	4.2	27
13	3.6	8.1	7.8	21	69	216	42	16	2.4	7.8	8.5	22
14	3.6	7.7	7.7	39	52	103	36	12	2.4	5.4	12	46
15	3.8	7.8	8.6	29	454	58	31	9.7	2.4	4.4	7.2	36
16	3.9	9.8	17	23	786	41	26	8.5	2.2	4.2	4.6	47
17	3.9	53	13	20	307	34	24	8.2	2.1	122	3.8	168
18	4.1	33	9.6	19	197	42	55	9.5	2.1	44	3.7	81
19	4.5	16	8.6	40	688	91	660	7.4	2.9	19	3.6	39
20	4.6	11	13	488	408	80	437	6.4	4.4	10	3.8	25
21	4.5	8.6	36	368	160	52	114	5.9	3.4	9.3	235	18
22	4.8	7.8	75	100	99	40	65	6.3	2.6	29	860	233
23	5.2	7.4	35	57	73	33	94	9.0	2.3	56	299	299
24	5.0	7.5	20	42	57	29	621	8.5	2.2	32	120	48
25	6.7	7.8	19	44	49	171	276	7.2	2.2	16	47	24
26	5.6	8.1	16	44	43	869	91	8.0	2.2	8.6	21	21
27	5.8	8.9	31	34	38	1280	53	7.0	2.0	6.6	13	20
28	5.6	9.7	113	27	35	1040	35	5.9	1.9	5.3	9.0	25
29	5.7	13	88	24	33	169	26	5.1	1.7	4.2	8.0	40
30	5.5	11	37	23	---	413	22	4.6	1.6	3.7	32	80
31	5.5	---	23	21	---	853	---	4.2	---	3.3	22	---
TOTAL	149.8	324.7	676.3	1838	5957	6463	10947	364.4	87.1	668.4	1757.6	7893
MEAN	4.83	10.8	21.8	59.3	205	208	365	11.8	2.90	21.6	56.7	263
MAX	12	53	113	488	786	1280	2720	46	4.4	122	860	3210
MIN	3.6	5.6	7.4	16	22	26	22	4.2	1.6	1.5	2.6	18
CFSM	.05	.11	.21	.58	2.01	2.04	3.58	.12	.03	.21	.56	2.58
IN.	.05	.12	.25	.67	2.17	2.36	3.99	.13	.03	.24	.64	2.88

CAL YR 1987	TOTAL	59120.8	MEAN 162	MAX 4920	MIN 2.8	CFSM 1.59	IN 21.56
WTR YR 1988	TOTAL	37126.3	MEAN 101	MAX 3210	MIN 1.5	CFSM .99	IN 13.54

PASCAGOULA RIVER BASIN

U2473500 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 U3170005, 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 discharge: Oct. 1. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--50 years, 347 ft³/s, 19.80 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)
Apr. 5	0700	*3,990	*16.25	No other peak greater than base discharge.			

Minimum discharge, 3.9 ft³/s, July 1, gage height, 1.51 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	12	28	79	79	108	1700	80	17	4.2	12	45
2	7.0	14	27	65	114	104	1520	69	15	14	10	56
3	7.5	16	27	58	160	104	1730	60	14	28	9.5	153
4	13	16	24	57	413	114	2350	57	13	6.7	8.9	419
5	13	17	23	59	566	138	3740	53	12	11	7.9	674
6	10	17	21	55	562	173	2890	49	11	20	7.7	795
7	9.2	18	21	59	585	153	2200	45	11	120	8.4	1270
8	8.2	19	22	61	352	123	1200	41	11	125	7.4	2330
9	7.3	22	23	66	181	124	355	37	11	83	8.2	2110
10	6.8	26	23	105	140	174	252	33	9.0	55	11	980
11	6.5	34	24	102	121	231	205	30	7.7	40	9.3	216
12	6.1	31	28	76	118	283	179	46	6.9	28	8.1	180
13	5.7	31	26	64	118	206	159	62	6.4	23	7.8	159
14	6.9	38	26	56	133	248	140	57	6.1	19	11	133
15	6.6	32	26	55	363	282	126	44	7.1	17	10	111
16	6.7	44	25	66	489	174	112	38	6.1	28	9.4	115
17	7.9	49	25	66	614	127	99	34	5.7	66	13	117
18	8.6	56	26	62	840	111	102	28	7.9	50	16	162
19	12	67	32	132	1200	117	176	24	11	88	14	211
20	11	73	35	296	1000	155	612	25	6.5	77	11	144
21	9.7	46	55	492	855	185	789	27	5.7	49	27	102
22	15	34	70	516	717	149	723	27	5.5	41	16	84
23	14	27	90	371	348	129	306	24	6.8	33	144	70
24	12	23	108	181	239	99	190	28	6.8	32	421	244
25	11	23	81	144	191	226	315	29	8.3	52	402	221
26	11	22	56	134	162	463	544	26	9.5	54	203	101
27	12	20	52	121	140	854	341	25	8.4	39	107	69
28	13	30	60	105	125	996	172	23	6.8	30	67	56
29	11	27	78	88	116	1100	125	20	5.5	22	48	50
30	11	27	152	76	---	1310	97	19	4.3	16	37	57
31	12	---	116	68	---	1570	---	19	---	14	33	---
TOTAL	298.7	911	1430	3935	11041	10330	23449	1179	263.0	1284.9	1705.6	11434
MEAN	9.64	30.4	46.1	127	381	333	782	38.0	8.77	41.4	55.0	381
MAX	15	73	152	516	1200	1570	3740	80	17	125	421	2330
MIN	5.7	12	21	55	79	99	97	19	4.3	4.2	7.4	45
CFSM	.04	.13	.19	.53	1.60	1.40	3.29	.16	.04	.17	.23	1.60
IN.	.05	.14	.22	.62	1.73	1.61	3.67	.18	.04	.20	.27	1.79

CAL YR 1987 TOTAL 134242.0 MEAN 368 MAX 9230 MIN 5.7 CFSM 1.55 IN 20.98
WTR YR 1988 TOTAL 67261.2 MEAN 184 MAX 3740 MIN 4.2 CFSM .77 IN 10.51

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.--47 years, 930 ft³/s, 20.64 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)
Apr. 7	1700	*5,190	*15.66	No other peak greater than base discharge.			

Minimum discharge, 56 ft³/s, Oct. 16, 21, 22-23, 24, 29, 30-31, Nov. 1, 2, 3, June 30, July 1, 2, 4.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	56	127	351	281	425	3260	280	86	56	98	159
2	80	56	130	315	646	401	4040	239	84	57	75	152
3	74	56	125	271	840	706	4510	212	85	59	68	143
4	69	58	118	238	1250	741	4100	192	88	96	64	843
5	66	59	110	223	1460	626	4040	177	83	95	62	2960
6	68	58	106	207	1490	620	4540	167	80	214	60	2480
7	71	57	103	224	1320	585	5110	163	84	128	63	2070
8	67	57	101	288	1250	514	4890	157	83	281	68	2280
9	64	61	99	276	893	472	3450	147	79	292	68	2740
10	62	75	97	282	593	659	1220	139	81	203	74	3060
11	61	76	96	304	479	772	782	133	75	169	105	2110
12	60	77	100	298	439	744	640	126	71	131	111	817
13	58	74	97	276	444	769	549	121	68	109	126	640
14	57	75	96	261	439	623	480	128	65	94	74	495
15	57	77	99	236	1020	601	425	139	63	84	63	390
16	56	83	98	220	1650	632	379	130	62	77	60	401
17	57	317	94	330	1530	477	337	119	61	89	59	412
18	57	275	91	466	1910	422	314	111	61	430	59	390
19	58	256	93	480	4150	414	478	108	83	400	65	361
20	57	262	115	1120	3750	417	715	103	74	230	66	394
21	56	209	199	1440	2850	479	1390	99	75	284	65	313
22	56	168	379	1420	2150	484	1670	101	64	210	86	242
23	56	136	386	1180	1610	431	1440	121	63	142	116	199
24	56	118	413	895	1040	379	809	116	62	120	225	173
25	58	109	360	692	783	524	549	136	60	100	823	235
26	62	110	284	570	649	1580	626	161	59	95	935	372
27	62	114	229	488	562	1640	980	125	57	109	541	240
28	60	149	232	418	503	1830	731	107	57	138	281	169
29	57	148	255	357	459	1950	451	102	60	120	186	140
30	56	141	317	312	---	2410	341	96	56	92	141	125
31	56	---	400	278	---	3010	---	90	---	88	122	---
TOTAL	1912	3567	5549	14716	36440	26337	53246	4345	2129	4792	5009	25505
MEAN	61.7	119	179	475	1257	850	1775	140	71.0	155	162	850
MAX	80	317	413	1440	4150	3010	5110	280	88	430	935	3060
MIN	56	56	91	207	281	379	314	90	56	56	59	125
CFSM	.10	.19	.29	.78	2.05	1.39	2.90	.23	.12	.25	.27	1.39
IN.	.12	.22	.34	.89	2.21	1.60	3.24	.26	.13	.29	.30	1.55
CAL YR 1987	TOTAL	364119	MEAN 998	MAX 11800	MIN 56	CFSM 1.63	IN 22.13					
WTR YR 1988	TOTAL	183547	MEAN 501	MAX 5110	MIN 56	CFSM .82	IN 11.16					

PASCAGOULA RIVER BASIN

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS

LOCATION.--Lat 31°13'27", long 89°03'01", in NE¼SW¼ 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 and crest-stage. Datum of gage is 72.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: Nov. 26 to Dec. 2, Apr. 5-7, Aug. 31 to Sept. 9. 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 590 ft³/s, July 2, 1988, gage height 1.65 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, 17,300 ft³/s, Apr. 4, gage height 17.13 ft; minimum, 578 ft³/s, July 2.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	789	720	1200	1840	1520	2110	10500	1550	862	608	804	1010
2	794	710	1100	1780	2880	2010	12300	1440	849	590	798	1100
3	778	701	1050	1790	5330	2900	16000	1360	862	598	732	1200
4	757	717	1020	1710	6720	3940	17200	1300	871	618	780	2200
5	738	728	991	1570	7700	3620	16800	1240	991	720	800	9200
6	721	726	972	1470	7720	3470	15000	1210	973	1100	760	13000
7	718	717	973	1470	6610	3240	13000	1200	883	1250	750	12800
8	717	713	991	1810	5120	2800	9350	1180	859	1170	748	9980
9	710	742	1020	1970	3670	2430	7510	1150	834	1140	790	6800
10	709	785	1050	2030	2760	2940	4480	1120	867	976	912	5330
11	718	792	1030	1900	2380	3730	3150	1110	802	905	1040	4580
12	708	803	1010	1770	2250	3610	2630	1100	755	809	1030	3510
13	690	801	997	1700	2430	3380	2360	1080	733	748	1090	2900
14	678	794	984	1690	2390	2820	2170	1060	708	718	922	2320
15	685	802	973	1680	3590	2370	1990	1060	693	683	824	2000
16	689	851	972	1650	7850	2240	1830	1060	678	748	768	2460
17	692	2230	986	1820	8070	1980	1690	1040	664	941	741	2860
18	701	2810	1060	2010	7460	1890	1610	1020	660	1650	728	2710
19	701	2340	1050	2300	13500	1910	1740	1040	722	1890	718	2310
20	693	1830	1020	4270	16200	1990	3150	1040	719	1560	738	2030
21	686	1420	1290	6780	12600	2090	4540	995	772	1340	777	1810
22	674	1220	2400	5650	8520	2020	4710	1000	726	1450	834	1610
23	680	1100	2790	4700	5980	1870	3820	1090	690	1140	2940	1470
24	681	1020	2480	3760	4250	1720	2760	1100	671	1040	3790	1370
25	698	987	2080	2990	3350	2140	2400	1180	655	968	3930	1310
26	719	1050	1780	2650	2880	6000	2940	1390	713	896	2840	1450
27	719	1110	1610	2320	2580	7290	3660	1150	662	827	1900	1360
28	715	1190	1670	2000	2390	7810	2920	1030	632	838	1390	1270
29	716	1200	1960	1790	2240	7970	2040	968	612	860	1150	1240
30	712	1250	2080	1640	---	8960	1710	923	604	791	1040	1370
31	708	---	1960	1550	---	9730	---	885	---	785	993	---
TOTAL	22094	32859	42549	74060	160940	112980	175960	35071	22722	30357	38057	104560
MEAN	713	1095	1373	2389	5550	3645	5865	1131	757	979	1228	3485
MAX	794	2810	2790	6780	16200	9730	17200	1550	991	1890	3930	13000
MIN	674	701	972	1470	1520	1720	1610	885	604	590	718	1010
CFSM	.28	.43	.54	.94	2.18	1.43	2.31	.45	.30	.39	.48	1.37
IN.	.32	.48	.62	1.08	2.36	1.65	2.58	.51	.33	.44	.56	1.53
CAL YR 1987 TOTAL	1729100	MEAN	4737	MAX	48900	MIN	674	CFSM	1.86	IN	25.30	
WTR YR 1988 TOTAL	852209	MEAN	2328	MAX	17200	MIN	590	CFSM	.92	IN	12.47	

PASCAGOULA RIVER BASIN

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02474560 LEAF RIVER NEAR NEW AUGUSTA, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.04	1.89	---	3.53	3.33	4.14	12.17	3.33	2.01	1.69	1.91	---
2	2.05	1.87	---	3.44	5.03	4.01	13.50	3.15	2.00	1.65	1.90	---
3	2.02	1.85	2.44	3.45	7.50	5.10	16.20	3.02	2.02	1.66	1.77	---
4	1.98	1.88	2.38	3.33	8.67	6.30	17.00	2.92	2.05	1.70	1.85	---
5	1.94	1.90	2.33	3.12	9.44	5.95	---	2.82	2.26	1.89	1.88	---
6	1.90	1.89	2.29	2.95	9.43	5.79	---	2.76	2.24	2.55	1.80	---
7	1.89	1.87	2.29	2.94	8.52	5.53	---	2.73	2.09	2.80	1.78	---
8	1.89	1.86	2.32	3.45	7.24	5.01	11.24	2.68	2.05	2.66	1.77	---
9	1.88	1.92	2.36	3.67	5.89	4.56	9.70	2.62	2.01	2.62	1.84	---
10	1.88	2.00	2.40	3.77	4.95	5.16	6.90	2.57	2.08	2.33	2.07	7.62
11	1.89	2.01	2.37	3.57	4.49	6.07	5.68	2.55	1.97	2.21	2.28	6.83
12	1.87	2.03	2.33	3.37	4.33	5.94	5.16	2.50	1.88	2.02	2.26	5.59
13	1.84	2.03	2.30	3.27	4.56	5.69	4.83	2.45	1.85	1.91	2.37	4.84
14	1.82	2.01	2.27	3.25	4.51	5.03	4.60	2.41	1.81	1.84	2.06	4.08
15	1.83	2.03	2.25	3.23	5.73	4.48	4.36	2.41	1.79	1.77	1.88	3.63
16	1.83	2.11	2.24	3.19	9.27	4.31	4.14	2.40	1.77	1.89	1.77	4.26
17	1.83	4.17	2.26	3.43	9.47	3.98	3.95	2.35	1.75	2.23	1.70	4.78
18	1.86	4.93	2.38	3.69	9.07	3.85	3.82	2.31	1.74	3.35	1.67	4.58
19	1.86	4.34	2.36	4.10	13.93	3.88	4.01	2.32	1.87	3.70	1.65	4.05
20	1.84	3.66	2.31	6.45	16.05	3.98	5.65	2.30	1.87	3.23	1.68	3.65
21	1.82	3.05	2.73	9.05	13.34	4.12	6.95	2.21	1.98	2.87	1.76	3.31
22	1.80	2.74	4.34	8.00	10.10	4.02	7.10	2.22	1.90	3.05	1.86	3.00
23	1.81	2.54	4.84	7.06	8.04	3.82	6.16	2.36	1.83	2.55	4.91	2.78
24	1.81	2.40	4.44	6.08	6.49	3.62	4.96	2.37	1.80	2.37	5.98	2.62
25	1.85	2.35	3.90	5.23	5.61	4.13	4.51	2.52	1.78	2.25	6.13	2.52
26	1.88	---	3.46	4.83	5.10	8.34	5.17	2.86	1.90	2.11	4.82	2.73
27	1.88	---	3.21	4.41	4.75	9.52	6.00	2.49	1.80	1.98	3.56	2.58
28	1.88	---	3.30	4.00	4.51	9.96	5.14	2.28	1.76	1.99	2.79	2.42
29	1.88	---	3.71	3.71	4.31	10.10	4.04	2.18	1.71	2.03	2.38	2.37
30	1.87	---	3.88	3.50	---	10.92	3.57	2.10	1.69	1.90	2.19	2.57
31	1.86	---	3.71	3.37	---	11.54	---	2.04	---	1.88	---	---
MEAN	1.88	---	---	4.21	7.37	5.77	---	2.52	1.91	2.28	---	---
MAX	2.05	---	---	9.05	16.05	11.54	---	3.33	2.26	3.70	---	---
MIN	1.80	---	---	2.94	3.33	3.62	---	2.04	1.69	1.65	---	---

PASCAGOULA RIVER BASIN

U2474600 BOGUE HOMO NEAR RICHTON, MS

LOCATION.--Lat 31°24'12", long 89°01'18", in NE1/4 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 north-west of Richton.

DRAINAGE AREA.--344 mi².

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

REVISED RECORDS.--WDR MS-87-1: 1986 (m).

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

REMARKS.--Estimated daily discharges: June 29 to Aug. 4. Records good except for estimated daily discharges, which are poor. Flow slightly regulated by Lake Bogue Homo, 36 mi upstream.

AVERAGE DISCHARGE.--18 years, 546 ft³/s, 21.55 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)
Apr. 3	2100	*3,100	*9.73				

Minimum recorded discharge, 10 ft³/s, June 29, but may have been less during period of no gage-height record, June 30 to July 1.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	11	22	33	59	147	1870	44	123	10	18	34
2	19	11	21	43	284	129	2230	40	121	10	25	37
3	18	11	18	46	434	344	2920	39	110	11	17	61
4	18	12	17	44	705	568	2750	34	51	12	14	419
5	17	12	16	38	782	427	2100	30	38	15	15	1110
6	16	11	15	34	690	329	1830	27	32	38	14	733
7	17	11	15	40	491	257	1580	24	31	96	14	409
8	17	13	15	54	360	200	1220	22	31	103	15	196
9	15	17	15	52	249	177	618	21	28	76	20	229
10	15	18	15	48	189	258	330	27	26	48	19	270
11	15	16	15	43	156	342	230	35	22	35	16	271
12	15	15	14	37	149	315	177	25	19	25	13	345
13	15	14	14	39	148	340	144	21	17	19	13	209
14	15	12	14	40	144	314	123	20	15	18	13	245
15	14	12	15	37	655	225	112	19	14	17	13	216
16	14	17	14	36	1070	159	99	27	14	18	12	159
17	13	60	14	106	770	124	79	38	13	19	12	146
18	13	41	14	327	1040	115	78	42	22	29	12	895
19	13	32	14	569	2430	125	409	59	48	129	13	585
20	13	25	16	992	2710	145	309	68	25	154	14	197
21	11	20	36	712	2060	145	289	81	16	88	15	129
22	11	16	85	376	1730	145	318	88	15	60	25	98
23	11	15	72	220	1500	134	288	96	14	45	20	92
24	11	14	50	132	1130	112	178	115	14	37	23	97
25	11	16	40	171	511	266	125	154	14	28	23	82
26	12	23	34	195	292	1140	95	150	12	21	18	77
27	12	19	31	137	215	1100	75	145	12	28	16	69
28	12	24	43	96	181	831	58	137	11	60	15	65
29	11	29	37	72	158	816	52	132	10	19	14	65
30	11	24	34	58	---	1180	49	128	10	13	13	66
31	11	---	30	54	---	1680	---	127	---	12	14	---
TOTAL	436	571	805	4381	21292	12589	20735	2015	928	1293	498	7505
MEAN	14.1	19.0	26.0	157	734	406	691	65.0	30.9	41.7	16.1	254
MAX	20	60	85	992	2710	1680	2920	154	123	154	25	1110
MIN	11	11	14	33	59	112	49	19	10	10	12	34
CFSM	.04	.06	.08	.46	2.13	1.18	2.01	.19	.09	.12	.05	.74
IN.	.05	.06	.09	.53	2.30	1.36	2.24	.22	.10	.14	.05	.82
CAL YR 1987	TOTAL	172437	MEAN	472	MAX	7830	MIN	10	CFSM	1.37	IN	18.65
WTR YR 1988	TOTAL	73649	MEAN	201	MAX	2920	MIN	10	CFSM	.58	IN	7.96

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 Oktibbee 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: Aug. 9-11. Records good except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--49 years, 5,412 ft³/s, 21.03 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, 22,300 ft³/s, Apr. 5, gage height, 18.38 ft; minimum, 732 ft³/s, Oct. 21-23.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	896	763	1360	2130	2150	3140	14600	2230	1160	797	1050	1430
2	885	767	1240	2130	3010	2970	16600	2060	1120	795	1010	1410
3	877	753	1180	2180	5940	4700	20900	1940	1140	794	989	1440
4	855	772	1130	2110	9350	10400	21900	1850	1160	843	936	2100
5	844	782	1110	1940	11300	7750	22200	1750	1170	956	978	8050
6	826	768	1080	1770	11600	6000	21400	1680	1250	1150	954	13100
7	807	769	1070	1720	10200	5210	19600	1640	1160	1530	912	14000
8	804	764	1070	2030	7950	4620	16200	1610	1080	1510	897	12400
9	799	769	1090	2290	6120	4020	12300	1560	1070	1460	987	9970
10	793	797	1110	2390	4650	4060	8160	1510	1130	1360	1090	7870
11	791	816	1120	2290	3800	5010	5340	1480	1090	1230	1200	7030
12	787	827	1100	2110	3360	5140	4440	1470	998	1140	1260	8030
13	774	841	1080	1980	3310	4950	3920	1430	945	1020	1550	5190
14	764	830	1080	1990	3390	4640	3580	1380	915	964	1300	3650
15	758	834	1080	1980	5080	3940	3300	1370	889	943	1060	2900
16	762	855	1080	1940	9040	3470	3050	1370	874	964	947	3660
17	760	1580	1080	2050	10400	3170	2840	1380	862	1170	880	5270
18	765	2930	1110	2840	9460	2930	2730	1320	854	1640	867	4570
19	771	2670	1160	3330	14800	2970	2810	1290	856	2440	852	4530
20	765	2130	1120	6270	19000	2980	3700	1330	972	2280	836	3590
21	745	1670	1200	9440	19900	3040	5390	1290	950	1870	880	2630
22	740	1370	2280	8860	16700	3010	6050	1270	982	3160	924	2130
23	738	1220	3280	6910	11700	2850	5670	1310	916	2770	1460	1830
24	741	1120	3050	5660	8600	2670	4440	1390	885	1770	3810	1650
25	747	1060	2570	4880	6630	2830	3420	1410	866	1450	4300	1530
26	764	1090	2160	4340	5150	8680	3460	1660	861	1280	3920	1510
27	769	1120	1900	3700	4210	10600	4160	1620	911	1150	2780	1560
28	763	1210	1850	3100	3660	10400	4230	1400	853	1140	1970	1410
29	765	1420	2040	2700	3370	10300	3160	1300	835	1150	1540	1320
30	763	1460	2300	2440	---	11400	2510	1240	814	1070	1310	1410
31	761	---	2240	2260	---	13400	---	1180	---	1000	1190	---
TOTAL	24379	34757	47320	101760	233830	171250	252060	46720	29568	42796	44639	137170
MEAN	786	1159	1526	3283	8063	5524	8402	1507	986	1381	1440	4572
MAX	896	2930	3280	9440	19900	13400	22200	2230	1250	3160	4300	14000
MIN	738	753	1070	1720	2150	2670	2510	1180	814	794	836	1320
CFSM	.23	.33	.44	.94	2.31	1.58	2.40	.43	.28	.40	.41	1.31
IN.	.26	.37	.50	1.08	2.49	1.82	2.68	.50	.31	.46	.48	1.46
CAL YR 1987 TOTAL	2151143		MEAN	5894	MAX	53600	MIN	738	CFSM	1.69	IN	22.90
WTR YR 1988 TOTAL	1166249		MEAN	3186	MAX	22200	MIN	738	CFSM	.91	IN	12.41

PASCAGOULA RIVER BASIN

02475500 CHUNKY RIVER NEAR CHUNKY, MS

LOCATION.--Lat 32°19'35", long 88°54'35", in SE1SW1 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.--50 years, 491 ft³/s, 18.07 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.

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)
Apr. 4	1000	*3,760	*10.51				

Minimum discharge, 5.2 ft³/s, June 30, July 1; gage height, 2.03 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	12	55	94	116	152	1460	163	30	5.8	51	258
2	19	12	44	104	174	140	2280	140	29	6.2	44	216
3	14	12	39	116	792	154	3080	122	27	30	84	106
4	11	13	36	107	1170	418	3670	110	26	45	72	830
5	11	13	35	96	979	726	2620	97	27	59	49	1870
6	9.6	13	34	84	501	569	827	87	27	256	39	1380
7	9.4	13	33	89	321	334	542	80	24	186	39	461
8	8.0	14	32	179	251	259	425	74	22	86	35	183
9	7.4	15	36	186	218	269	355	68	20	55	33	129
10	7.4	21	39	137	193	580	312	79	18	43	31	107
11	7.4	25	38	106	178	565	277	134	15	48	44	94
12	7.4	23	36	93	193	377	260	113	14	63	74	87
13	7.7	21	35	94	201	354	262	82	13	56	83	86
14	7.4	22	35	115	180	330	243	70	12	47	66	85
15	7.4	22	40	112	852	258	207	63	11	37	45	88
16	7.4	24	44	98	1620	208	180	64	10	33	36	87
17	7.4	130	43	89	919	185	164	57	9.5	59	30	164
18	8.3	195	41	84	485	192	249	51	10	124	27	142
19	10	108	41	181	700	259	1040	47	24	99	24	107
20	9.6	60	70	1110	638	278	1010	44	50	58	25	90
21	9.4	42	238	1390	424	221	440	43	31	55	194	75
22	9.1	35	278	626	323	188	284	44	22	95	1450	66
23	8.5	31	184	307	269	170	634	45	16	138	1050	65
24	9.4	28	113	233	233	160	2400	45	13	72	279	67
25	10	27	83	200	207	281	2670	43	11	48	148	61
26	10	28	76	178	185	1030	1170	43	9.4	38	166	54
27	11	38	192	154	177	959	449	42	8.3	34	92	50
28	11	65	357	134	169	585	314	38	7.1	31	66	47
29	13	82	273	124	163	328	231	37	6.2	31	53	60
30	16	68	157	118	---	599	186	34	5.4	126	104	69
31	13	---	109	114	---	1220	---	32	---	85	86	---
TOTAL	318.2	1212	2866	6852	12831	12348	28241	2191	547.9	2149.0	4619	7184
MEAN	10.3	40.4	92.5	221	442	398	941	70.7	18.3	69.3	149	239
MAX	21	195	357	1390	1620	1220	3670	163	50	256	1450	1870
MIN	7.4	12	32	84	116	140	164	32	5.4	5.8	24	47
CFSM	.03	.11	.25	.60	1.20	1.08	2.55	.19	.05	.19	.40	.65
IN.	.03	.12	.29	.69	1.29	1.24	2.85	.22	.06	.22	.47	.72

CAL YR 1987 TOTAL 173989.8 MEAN 477 MAX 11700 MIN 7.4 CFSM 1.29 IN 17.54
WTR YR 1988 TOTAL 81359.1 MEAN 222 MAX 3670 MIN 5.4 CFSM .60 IN 8.20

PASCAGOULA RIVER BASIN

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U2476500 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.--38 years, 65.6 ft³/s, 17.10 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)
Apr. 24	0400	*1,740	*13.91	No other peak greater than base discharge.			

Minimum discharge, 1.3 ft³/s, Aug. 19.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.6	1.6	6.7	111	22	18	76	22	2.2	3.7	2.6	82
2	4.7	1.6	4.7	157	44	16	672	19	2.1	4.2	6.9	13
3	3.9	1.9	4.3	106	94	22	376	16	2.2	3.9	4.9	27
4	3.4	2.6	4.2	133	266	22	176	16	2.4	9.1	2.5	636
5	3.7	3.3	4.1	64	110	19	100	14	2.3	9.3	2.3	225
6	3.9	2.3	4.3	41	52	17	63	12	2.4	11	2.0	27
7	3.9	2.4	4.1	267	36	16	47	10	2.6	4.2	2.3	12
8	3.2	1.9	4.2	299	32	18	34	8.6	2.4	2.5	2.2	8.1
9	2.7	4.2	4.5	178	27	48	29	7.9	2.3	2.0	2.4	6.7
10	2.9	2.5	4.3	123	23	51	27	11	2.3	3.6	2.4	11
11	3.0	1.6	4.3	79	28	27	27	8.2	2.2	8.2	2.0	8.4
12	2.7	1.5	4.4	84	31	52	39	5.6	1.9	4.3	1.8	6.5
13	2.7	1.4	4.0	166	23	76	27	4.8	1.9	2.6	1.7	6.0
14	2.6	1.4	4.5	130	22	34	20	4.2	1.9	2.1	1.7	5.1
15	2.2	1.5	77	88	421	25	17	3.9	1.9	2.0	1.6	4.4
16	2.2	103	21	66	124	22	15	3.7	2.0	1.7	1.6	9.3
17	2.0	171	5.3	85	60	21	13	2.7	2.1	2.0	1.5	8.2
18	2.8	14	4.6	95	78	32	99	3.4	2.3	1.9	1.4	6.1
19	2.5	5.4	50	290	106	33	187	1.6	3.0	1.8	1.4	13
20	2.8	4.1	298	279	58	24	45	1.6	3.6	1.7	2.6	6.8
21	2.9	3.4	376	73	40	22	25	2.7	3.7	1.9	11	6.8
22	2.7	3.2	258	42	32	20	20	3.6	3.4	4.3	9.7	5.9
23	3.1	3.4	114	31	29	18	458	3.5	3.7	4.0	3.6	4.6
24	3.0	3.6	44	30	25	18	958	3.5	4.1	3.2	4.0	3.8
25	2.4	3.6	33	34	23	205	191	3.6	6.9	2.4	3.7	3.4
26	2.4	5.5	185	24	21	184	116	3.0	6.9	2.7	2.6	7.2
27	2.0	12	324	19	21	71	64	2.4	5.7	3.4	4.3	4.5
28	1.9	41	327	18	20	43	43	2.1	6.2	3.5	2.7	3.3
29	1.8	11	149	17	19	35	32	2.2	5.7	8.8	5.9	149
30	1.8	6.2	66	17	---	210	26	2.0	5.7	17	7.9	77
31	2.4	---	51	18	---	114	---	2.3	---	4.6	20	---
TOTAL	89.8	422.1	2445.5	3164	1887	1533	4022	207.1	98.0	137.6	123.2	1387.1
MEAN	2.90	14.1	78.9	102	65.1	49.5	134	6.68	3.27	4.44	3.97	46.2
MAX	5.6	171	376	299	421	210	958	22	6.9	17	20	636
MIN	1.8	1.4	4.0	17	19	16	13	1.6	1.9	1.7	1.4	3.3
CFSM	.06	.27	1.51	1.96	1.25	.95	2.57	.13	.06	.09	.08	.89
IN.	.06	.30	1.75	2.26	1.35	1.09	2.87	.15	.07	.10	.09	.99
CAL YR 1987	TOTAL	32198.5	MEAN 88.2	MAX 3760	MIN 1.4	CFSM 1.69	IN 22.99					
WTR YR 1988	TOTAL	15516.4	MEAN 42.4	MAX 958	MIN 1.4	CFSM .81	IN 11.08					

PASCAGOULA RIVER BASIN

U2476600 OKATIBBEE CREEK AT ARUNDEL, MS

LOCATION.--Lat 32°17'55", long 88°45'15", in SE1SW4 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 1971.

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: Jan. 26 to Feb. 3. Records good except for estimated daily discharges, which are poor. 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.--Gage-height record was collected in cooperation with the U. S. Army Corps of Engineers.

AVERAGE DISCHARGE.--20 years, 509 ft³/s, 20.21 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, 3,230 ft³/s, Apr. 24, gage height, 15.89 ft; minimum daily, 28 ft³/s, Nov. 7, 8.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	75	40	41	114	90	146	369	238	74	91	122	245
2	53	31	37	135	250	141	1280	224	74	138	116	189
3	49	31	35	119	500	156	1780	211	73	127	112	174
4	48	30	35	121	707	163	830	206	74	135	139	1140
5	49	32	33	140	449	161	895	176	68	158	102	1280
6	48	30	32	160	281	140	1010	140	66	148	100	372
7	49	28	33	254	211	139	979	126	64	129	103	217
8	49	28	33	288	181	137	516	120	65	108	104	175
9	48	40	36	213	248	206	299	119	61	103	102	154
10	47	55	35	171	282	255	271	138	61	109	105	181
11	47	35	34	136	280	202	271	122	61	122	97	162
12	47	33	32	102	269	240	291	112	59	120	96	160
13	47	33	30	81	277	303	281	105	59	110	93	153
14	47	31	33	45	281	194	222	100	56	105	99	160
15	48	32	54	43	692	193	192	95	56	103	93	141
16	52	64	45	45	560	199	176	96	58	97	94	188
17	60	301	37	66	482	192	166	100	63	104	94	167
18	60	81	34	77	505	233	304	92	56	103	93	146
19	63	48	36	179	428	231	670	87	55	103	92	143
20	64	39	216	306	391	212	364	84	56	97	99	141
21	63	35	268	135	365	199	247	79	59	103	158	135
22	59	34	219	89	356	165	210	80	56	126	127	142
23	58	34	115	83	444	139	660	85	59	166	110	139
24	61	33	79	82	427	136	2730	89	54	108	132	127
25	57	33	66	78	410	416	2100	91	52	103	124	124
26	59	45	96	72	270	588	678	93	53	105	105	127
27	60	53	203	66	180	333	631	86	56	102	98	125
28	59	62	283	64	156	239	586	77	52	101	97	123
29	60	50	138	60	143	202	547	74	50	98	96	222
30	62	44	93	62	---	496	321	77	52	112	123	327
31	60	---	82	70	---	452	---	78	---	107	102	---
TOTAL	1708	1465	2543	3656	10115	7208	19876	3600	1802	3541	3327	7281
MEAN	55.1	48.8	82.0	118	349	233	663	116	60.1	114	107	243
MAX	75	301	283	306	707	588	2730	238	74	166	158	1280
MIN	47	28	30	43	90	136	166	74	50	91	92	123
CFSM	.16	.14	.24	.35	1.02	.68	1.94	.34	.18	.33	.31	.71
IN.	.19	.16	.28	.40	1.10	.78	2.16	.39	.20	.39	.36	.79
CAL YR 1987 TOTAL	168423			MEAN 461	MAX 5840	MIN 28	CFSM 1.35	IN 18.32				
WTR YR 1988 TOTAL	66122			MEAN 181	MAX 2730	MIN 28	CFSM .53	IN 7.19				

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.05	2.47	2.54	3.52	---	3.88	5.76	4.96	3.24	3.37	3.75	4.86
2	2.72	2.31	2.47	3.76	---	3.82	10.29	4.84	3.26	3.94	3.68	4.39
3	2.66	2.30	2.43	3.59	---	3.98	12.62	4.72	3.24	3.85	3.65	4.21
4	2.65	2.29	2.44	3.60	7.51	4.04	8.50	4.68	3.25	3.94	3.91	9.51
5	2.67	2.32	2.40	3.81	5.99	4.02	8.86	4.39	3.17	4.15	3.52	10.62
6	2.65	2.30	2.38	4.01	4.86	3.80	9.41	4.03	3.14	4.06	3.49	5.68
7	2.64	2.26	2.39	4.82	4.37	3.80	9.28	3.88	3.12	3.86	3.52	4.42
8	2.65	2.25	2.40	5.15	4.18	3.78	6.69	3.81	3.12	3.62	3.54	4.03
9	2.63	2.44	2.44	4.51	4.80	4.44	5.23	3.80	3.07	3.56	3.51	3.83
10	2.62	2.70	2.44	4.12	5.10	4.88	5.01	4.01	3.07	3.64	3.55	4.08
11	2.61	2.38	2.41	3.77	5.09	4.41	5.01	3.84	3.07	3.78	3.46	3.91
12	2.61	2.34	2.38	3.39	4.99	4.64	5.17	3.72	3.03	3.75	3.44	3.89
13	2.60	2.34	2.35	3.12	5.06	5.24	5.10	3.64	3.02	3.64	3.40	3.82
14	2.60	2.31	2.40	2.59	5.10	4.35	4.60	3.58	2.98	3.58	3.47	3.88
15	2.62	2.32	2.74	2.56	7.74	4.34	4.32	3.52	2.99	3.56	3.40	3.69
16	2.67	2.69	2.61	2.60	7.02	4.39	4.17	3.53	3.02	3.48	3.41	4.15
17	2.79	5.09	2.47	2.92	6.53	4.33	4.07	3.57	3.09	3.57	3.40	3.96
18	2.80	3.11	2.42	3.06	6.68	4.69	5.22	3.49	2.98	3.56	3.39	3.77
19	2.84	2.65	2.44	4.04	6.17	4.67	7.65	3.42	2.97	3.55	3.39	3.72
20	2.84	2.50	4.47	5.26	5.92	4.51	5.71	3.38	2.98	3.47	3.46	3.70
21	2.83	2.43	4.93	3.76	5.73	4.39	4.81	3.32	3.02	3.55	4.06	3.63
22	2.76	2.41	4.55	3.23	5.66	4.06	4.49	3.34	2.98	3.78	3.77	3.71
23	2.75	2.41	3.54	3.14	6.28	3.81	6.98	3.39	3.03	4.18	3.59	3.67
24	2.80	2.40	3.09	3.13	6.16	3.77	14.95	3.44	2.94	3.60	3.83	3.55
25	2.75	2.40	2.92	3.08	6.05	5.82	13.40	3.47	2.91	3.55	3.74	3.51
26	2.78	2.59	3.29	---	4.99	7.18	7.69	3.50	2.92	3.57	3.53	3.54
27	2.79	2.73	4.36	---	4.21	5.48	7.44	3.41	2.97	3.53	3.45	3.52
28	2.77	2.86	5.08	---	3.98	4.74	7.18	3.29	2.90	3.51	3.44	3.50
29	2.79	2.68	3.78	---	3.84	4.42	6.96	3.25	2.87	3.48	3.43	4.39
30	2.82	2.59	3.27	---	---	6.59	5.54	3.28	2.89	3.65	3.74	5.31
31	2.79	---	3.14	---	---	6.33	---	3.29	---	3.58	3.50	---
MEAN	2.73	2.56	3.00	---	---	4.60	7.07	3.74	3.04	3.67	3.56	4.42
MAX	3.05	5.09	5.08	---	---	7.18	14.95	4.96	3.26	4.18	4.06	10.62
MIN	2.60	2.25	2.35	---	---	3.77	4.07	3.25	2.87	3.37	3.39	3.50
CAL YR 1987	MEAN	2745.00	MAX	99998.00	MIN	2.25						

PASCAGOULA RIVER BASIN

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS

LOCATION.--Lat 32°10'32", long 88°49'10", in SE¼NW¼ 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.--916 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: Nov. 2-9. 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.--50 years, 1,238 ft³/s, 18.31 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)
Apr. 2	1930	*7,140	19.75	Apr. 3	0600	(a)	*20.96

(a) Affected by changing stage.

Minimum recorded discharge, 66 ft³/s, Nov. 2, 9, but was less during period of no gage-height record, Nov. 2-9

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	148	80	164	256	345	439	2170	518	104	108	199	340
2	117	65	137	288	439	414	5010	453	102	148	203	638
3	101	63	121	299	1180	435	6430	405	106	272	207	367
4	93	62	119	291	2240	556	5580	380	101	289	241	2440
5	89	61	118	272	1910	1110	4290	337	97	469	204	3830
6	89	60	106	288	1240	956	2300	274	98	515	177	2060
7	85	60	101	319	822	681	1860	242	103	510	171	1120
8	83	60	100	541	663	560	1460	227	98	280	175	522
9	82	66	101	542	625	603	935	213	93	206	162	373
10	79	97	106	421	685	967	782	233	90	184	163	355
11	77	94	107	351	667	1100	721	278	91	216	152	336
12	75	85	104	316	697	815	740	261	93	213	187	309
13	74	79	100	334	689	955	712	213	93	201	194	299
14	75	77	99	350	647	760	628	189	94	190	206	328
15	73	77	137	346	1890	634	507	175	96	174	173	281
16	73	93	144	318	2850	572	437	168	98	163	155	333
17	77	431	128	301	1960	521	397	169	99	175	145	418
18	81	424	117	297	1510	567	638	153	101	254	140	403
19	80	258	114	487	1620	670	2120	142	102	283	135	323
20	81	166	267	2230	1470	677	1820	134	121	202	138	279
21	81	126	531	2240	1220	594	1110	129	123	189	187	247
22	80	109	757	1600	1030	514	698	133	111	237	1280	234
23	77	101	466	1080	998	433	1090	137	105	409	1530	226
24	79	98	299	924	1040	407	5810	145	102	266	662	218
25	80	94	222	893	988	757	5570	144	101	199	378	205
26	79	102	200	774	834	2910	2580	140	102	183	349	198
27	81	117	350	582	586	1820	1440	134	103	170	268	193
28	83	151	844	440	504	1280	1170	124	103	160	210	188
29	82	184	630	402	471	827	974	115	105	155	183	238
30	80	174	382	381	---	1350	747	104	106	177	210	569
31	84	---	272	345	---	2110	---	112	---	291	264	---
TOTAL	2618	3714	7443	18508	31820	26994	60726	6581	3041	7488	9048	17870
MEAN	84.5	124	240	597	1097	871	2024	212	101	242	292	596
MAX	148	431	844	2240	2850	2910	6430	518	123	515	1530	3830
MIN	73	60	99	256	345	407	397	104	90	108	135	188
CFSM	.09	.14	.26	.65	1.20	.95	2.21	.23	.11	.26	.32	.61
IN.	.11	.15	.30	.75	1.29	1.09	2.46	.27	.12	.30	.37	.72
CAL YR 1987	TOTAL	466258	MEAN	1277	MAX	21600	MIN	60	CFSM	1.39	IN	18.89
WTR YR 1988	TOTAL	195851	MEAN	535	MAX	6430	MIN	60	CFSM	.58	IN	7.94

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.09	4.68	5.38	5.92	6.05	6.28	11.53	6.75	4.69	4.56	5.11	5.80
2	4.85	---	5.19	6.08	6.41	6.19	15.81	6.53	4.68	4.86	5.13	6.94
3	4.72	---	5.07	6.13	8.67	6.26	20.78	6.35	4.71	5.58	5.15	6.01
4	4.66	---	5.05	6.09	11.63	6.67	19.83	6.25	4.67	5.63	5.34	10.69
5	4.63	---	5.04	6.00	11.03	8.41	17.57	6.08	4.63	6.36	5.14	16.21
6	4.64	---	4.93	6.08	8.86	7.94	13.01	5.79	4.64	6.51	4.97	12.07
7	4.61	---	4.89	6.22	7.63	7.06	10.81	5.63	4.69	6.49	4.93	8.41
8	4.60	---	4.88	7.03	7.14	6.68	9.52	5.55	4.65	5.59	4.96	6.44
9	4.60	---	4.89	7.03	7.02	6.82	7.96	5.47	4.60	5.19	4.87	5.92
10	4.57	4.84	4.94	6.63	7.21	7.97	7.51	5.58	4.56	5.05	4.88	5.84
11	4.57	4.82	4.94	6.36	7.16	8.37	7.32	5.81	4.56	5.23	4.80	5.76
12	4.55	4.73	4.92	6.21	7.25	7.50	7.38	5.72	4.57	5.21	5.03	5.65
13	4.56	4.67	4.89	6.29	7.23	7.94	7.30	5.47	4.57	5.13	5.08	5.60
14	4.57	4.65	4.87	6.35	7.09	7.32	7.03	5.33	4.57	5.05	5.15	5.73
15	4.56	4.65	5.19	6.34	10.21	6.91	6.65	5.24	4.58	4.95	4.94	5.52
16	4.57	4.79	5.24	6.22	13.55	6.72	6.41	5.19	4.59	4.88	4.82	5.75
17	4.63	6.59	5.12	6.14	11.34	6.56	6.26	5.20	4.59	4.96	4.75	6.09
18	4.68	6.63	5.03	6.12	9.69	6.70	7.03	5.09	4.60	5.40	4.71	6.03
19	4.68	5.93	5.00	6.72	10.01	7.03	11.32	5.01	4.60	5.55	4.68	5.71
20	4.69	5.39	5.91	11.45	9.55	7.05	10.72	4.95	4.75	5.13	4.70	5.51
21	4.69	5.10	6.94	11.99	8.76	6.79	8.45	4.91	4.77	5.05	5.03	5.35
22	4.68	4.96	7.62	10.02	8.18	6.53	7.25	4.94	4.66	5.32	8.87	5.28
23	4.65	4.89	6.78	8.36	8.07	6.26	7.88	4.97	4.59	6.07	9.74	5.23
24	4.67	4.86	6.13	7.93	8.21	6.16	18.27	5.03	4.56	5.46	7.01	5.19
25	4.68	4.82	5.74	7.84	8.04	7.29	19.55	5.02	4.55	5.11	6.05	5.11
26	4.67	4.90	5.62	7.48	7.56	13.29	14.83	5.00	4.55	5.01	5.94	5.07
27	4.69	5.03	6.32	6.89	6.76	10.97	9.48	4.95	4.55	4.93	5.57	5.04
28	4.71	5.29	7.85	6.42	6.50	8.95	8.62	4.87	4.54	4.86	5.26	5.01
29	4.70	5.51	7.28	6.28	6.39	7.59	8.10	4.79	4.55	4.82	5.10	5.27
30	4.68	5.45	6.48	6.20	---	9.16	7.44	4.70	4.55	4.95	5.25	6.59
31	4.72	---	6.00	6.05	---	11.37	---	4.77	---	5.58	5.55	---
MEAN	4.66	---	5.62	7.00	8.39	7.64	10.72	5.39	4.61	5.31	5.44	6.49
MAX	5.09	---	7.85	11.99	13.55	13.29	20.78	6.75	4.77	6.51	9.74	16.21
MIN	4.55	---	4.87	5.92	6.05	6.16	6.26	4.70	4.54	4.56	4.68	5.01

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.

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.

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.

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.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 0700

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.63	2.21	3.04	3.84	4.00	4.59	12.46	5.69	2.38	1.73	2.90	3.17
2	2.63	2.17	2.80	3.69	4.07	4.36	12.62	5.04	2.30	1.71	2.70	2.90
3	2.45	2.46	2.78	3.79	4.77	4.36	18.55	4.73	2.24	1.87	2.65	4.68
4	2.34	2.18	2.61	3.85	11.35	4.58	19.92	4.53	2.60	2.55	2.61	4.73
5	2.21	2.20	2.51	3.79	12.16	4.75	20.12	4.36	2.86	2.95	2.72	15.30
6	2.09	2.05	2.47	3.60	11.35	6.56	20.41	4.24	2.13	7.81	2.80	16.93
7	1.90	2.01	2.41	3.60	8.95	6.15	18.05	3.92	2.09	5.25	2.57	12.77
8	1.90	1.90	2.38	3.83	6.58	5.68	10.78	3.81	2.15	5.55	2.54	9.25
9	1.90	1.86	2.36	4.88	6.33	4.84	7.32	3.54	2.12	4.20	2.53	7.12
10	1.90	1.78	2.37	4.87	5.30	5.10	7.00	3.41	2.10	3.23	2.50	4.73
11	1.90	1.65	2.38	4.63	5.43	6.18	6.38	3.65	2.01	2.83	2.43	4.46
12	1.80	1.57	2.38	4.21	5.44	7.08	6.14	3.92	1.96	2.70	2.43	4.62
13	1.80	1.93	2.36	3.83	5.58	6.50	6.10	3.84	2.24	2.74	2.50	4.59
14	1.80	2.15	2.37	4.08	5.47	6.86	5.91	3.65	2.06	2.72	2.74	4.67
15	1.80	1.79	2.36	4.18	7.32	6.03	5.68	3.35	2.01	2.62	2.69	4.49
16	1.78	1.84	2.39	3.84	10.55	5.89	5.15	3.17	2.78	2.53	2.60	4.21
17	1.77	2.62	2.65	4.32	12.93	4.90	4.81	3.12	3.33	2.74	2.40	5.39
18	1.78	4.44	2.45	4.17	11.17	4.70	4.59	3.08	2.65	2.89	2.26	5.12
19	1.85	4.67	2.45	4.19	13.74	5.23	7.60	2.98	2.11	2.73	2.19	5.00
20	2.40	4.33	2.54	11.20	11.84	5.52	11.88	2.95	2.01	3.09	2.14	4.35
21	1.78	3.70	2.60	11.82	9.49	5.47	11.29	2.89	1.95	2.87	2.29	3.85
22	1.82	2.94	4.95	11.29	8.26	5.02	8.62	2.86	2.13	2.84	2.52	3.55
23	1.81	2.60	5.97	8.99	7.13	4.75	8.01	2.66	2.08	2.96	5.55	3.32
24	1.80	4.12	5.10	6.70	6.66	4.53	6.39	2.69	2.00	3.35	7.66	3.19
25	1.85	2.12	4.51	6.40	6.65	4.22	14.63	2.97	1.94	3.93	5.46	3.29
26	1.92	2.12	3.73	6.34	6.38	6.89	16.38	3.00	1.86	3.21	4.08	3.16
27	1.92	2.18	3.50	5.84	6.00	17.70	15.54	2.83	1.82	3.65	3.57	3.22
28	2.51	2.44	3.87	5.15	5.10	13.83	8.80	3.20	1.82	2.56	3.35	3.13
29	2.52	2.80	5.71	4.60	4.78	11.28	7.80	2.79	1.79	2.40	2.99	3.04
30	2.37	3.38	5.52	4.30	---	10.86	6.51	2.66	1.76	2.31	2.75	4.60
31	2.29	---	4.65	4.09	---	11.95	---	2.49	---	2.32	2.70	---
MEAN	2.04	2.54	3.23	5.29	7.75	6.66	10.51	3.48	2.18	3.12	3.03	5.43
MAX	2.63	4.67	5.97	11.82	13.74	17.70	20.41	5.69	3.33	7.81	7.66	16.93
MIN	1.77	1.57	2.36	3.60	4.00	4.22	4.59	2.49	1.76	1.71	2.14	2.90
CAL YR 1987	MEAN	6.93	MAX	34.10	MIN	1.57						
WTR YR 1988	MEAN	4.58	MAX	20.41	MIN	1.57						

PASCAGOULA RIVER BASIN

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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.

1951 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, 20.10 ft, Apr. 6, 7, minimum observed, 2.20 ft, June 26 to July 4.

GAGE HEIGHT (FEET ABOVE DATUM), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
INSTANTANEOUS OBSERVATIONS AT 0600

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.30	2.50	3.70	5.10	4.80	5.50	12.90	6.80	2.80	2.20	2.50	3.10
2	3.20	2.50	3.60	4.60	4.80	5.30	13.10	6.00	2.80	2.20	3.50	3.50
3	3.10	2.40	3.40	4.40	5.10	5.10	17.10	5.50	2.70	2.20	3.20	3.60
4	2.80	2.50	3.30	4.40	8.70	5.40	19.80	5.20	2.60	2.20	3.10	6.00
5	2.60	2.40	3.10	4.40	12.50	5.60	19.90	5.00	2.80	2.70	2.90	15.10
6	2.50	2.30	3.00	4.30	12.50	5.70	20.10	4.80	2.90	3.40	3.00	17.80
7	2.40	2.30	3.00	4.20	10.90	7.40	20.10	4.70	2.50	7.10	3.00	15.40
8	2.30	2.20	3.00	4.50	8.40	6.70	15.30	4.40	2.40	5.80	2.90	11.30
9	2.30	2.30	2.90	4.90	6.80	5.90	10.40	4.30	2.40	5.60	2.90	8.70
10	2.30	2.20	2.90	5.50	6.20	5.70	8.50	4.20	2.60	4.20	3.00	6.40
11	2.30	2.20	2.90	5.50	6.00	6.10	7.50	4.10	2.50	3.60	2.90	5.40
12	2.20	2.20	2.90	5.10	6.10	7.20	7.10	4.10	2.30	3.10	2.80	6.20
13	2.20	2.40	2.90	4.80	6.20	7.50	6.90	4.20	2.80	3.00	2.80	5.80
14	2.20	2.50	2.90	4.60	6.20	7.10	6.80	4.20	2.60	3.00	3.00	5.70
15	2.20	2.80	2.90	4.70	6.40	7.30	6.50	4.10	2.30	2.90	3.00	5.70
16	2.20	2.40	2.80	4.80	10.40	6.60	6.10	3.80	2.30	2.90	3.00	5.10
17	2.20	3.20	2.90	4.70	12.60	5.80	5.70	3.70	3.30	3.20	2.80	6.30
18	2.20	4.30	3.10	5.40	12.80	5.50	5.40	3.60	3.40	3.10	2.70	6.40
19	2.20	5.50	3.10	5.30	15.00	5.60	6.00	3.50	2.90	3.20	2.60	5.90
20	2.20	5.00	3.10	7.50	13.70	6.10	10.90	3.40	2.70	3.20	2.60	5.60
21	2.40	4.40	3.10	12.30	11.90	6.20	12.80	3.30	2.40	3.40	2.60	4.90
22	2.30	3.70	4.50	12.20	10.00	6.10	10.80	3.30	2.30	3.20	2.70	4.40
23	2.20	3.40	6.30	11.10	8.60	5.80	8.20	3.30	2.30	3.20	7.50	4.00
24	2.20	3.10	6.40	8.40	7.70	5.40	6.90	3.20	2.30	3.30	7.40	3.80
25	2.20	4.00	5.50	6.40	7.40	5.10	11.30	3.30	2.30	3.80	5.20	3.70
26	2.20	2.80	4.80	6.30	7.30	6.90	15.70	3.50	2.20	4.10	4.20	3.70
27	2.30	2.80	4.20	5.80	7.00	16.30	16.50	3.50	2.20	3.50	3.90	3.60
28	2.30	2.90	4.70	5.10	6.40	17.30	12.90	3.30	2.20	3.80	3.50	3.60
29	2.40	3.30	4.70	4.60	5.80	12.20	8.40	3.40	2.20	2.90	3.50	3.60
30	2.50	3.50	6.30	4.30	---	11.50	7.40	3.30	2.20	2.60	3.30	3.50
31	2.50	---	5.90	4.00	---	12.10	---	3.00	---	2.60	3.00	---
MEAN	2.40	3.00	3.80	5.78	8.56	7.35	11.23	4.06	2.54	3.39	3.39	6.26
MAX	3.30	5.50	6.40	12.30	15.00	17.30	20.10	6.80	3.40	7.10	7.50	17.80
MIN	2.20	2.20	2.80	4.00	4.80	5.10	5.40	3.00	2.20	2.20	2.50	3.10

WTR YR 1988 MEAN 5.12 MAX 20.10 MIN 2.20

PASCAGOULA RIVER BASIN

02477990 BUCKATUNNA CREEK NEAR DENHAM, MS

LOCATION.--Lat 31°41'38", long 88°31'10", in NE 1/4 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.--No estimated daily discharges. Records good.

AVERAGE DISCHARGE.--16 years, 790 ft³/s, 21.80 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)
Feb. 19	1645	*3,160	*15.96				

Minimum discharge, 14 ft³/s, June 30, July 1, 2.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	18	118	193	239	287	1240	203	47	14	32	26
2	45	18	110	186	273	275	1990	174	43	15	67	25
3	41	18	93	162	298	299	2590	154	40	22	32	32
4	39	20	79	152	1180	311	1980	143	38	21	192	456
5	37	21	70	146	1500	315	1840	131	37	22	125	870
6	33	21	64	138	1460	293	1760	121	34	31	83	878
7	30	20	60	137	1250	269	1660	116	33	175	62	974
8	27	21	58	173	693	248	982	108	33	306	54	631
9	25	22	58	183	479	245	620	97	32	178	51	282
10	24	27	57	208	397	272	489	89	31	108	50	238
11	23	29	55	208	350	308	424	85	30	81	41	282
12	22	29	54	178	333	336	395	76	28	63	35	613
13	21	26	53	163	342	361	392	76	26	52	34	440
14	20	28	54	156	343	392	382	81	25	46	35	355
15	20	35	55	154	1200	379	351	73	24	46	31	297
16	19	36	54	175	1320	364	302	67	22	46	28	528
17	18	157	52	292	1080	287	265	64	21	41	27	752
18	18	95	53	674	1340	268	247	60	20	41	27	419
19	18	102	60	667	3030	309	444	56	27	67	24	310
20	17	177	82	2160	2340	375	928	54	27	58	21	235
21	17	136	137	1450	1400	350	1090	53	23	49	27	180
22	16	98	224	1250	916	302	927	54	21	56	34	143
23	15	77	233	1050	642	255	550	59	20	55	24	122
24	16	64	304	625	518	228	394	60	18	59	23	106
25	16	57	258	503	462	347	401	76	18	56	31	94
26	17	53	189	487	409	1730	592	75	17	48	34	81
27	18	52	157	426	364	2290	543	84	17	43	36	76
28	17	56	193	357	332	2140	363	84	20	41	34	70
29	17	65	176	299	309	2110	286	74	19	39	31	73
30	17	95	218	268	---	2150	238	63	15	35	34	70
31	18	---	227	250	---	1490	---	55	---	31	29	---
TOTAL	740	1673	3655	13470	24799	19585	24665	2765	806	1945	1388	9658
MEAN	23.9	55.8	118	435	855	632	822	89.2	26.9	62.7	44.8	322
MAX	59	177	304	2160	3030	2290	2590	203	47	306	192	974
MIN	15	18	52	137	239	228	238	53	15	14	21	25
CFSM	.05	.11	.24	.88	1.74	1.29	1.67	.18	.06	.13	.09	.65
IN.	.06	.13	.28	1.02	1.88	1.48	1.86	.21	.06	.15	.10	.73
CAL YR 1987	TOTAL	268511	MEAN	736	MAX	9800	MIN	15	CFSM	1.50	IN	20.30
WTR YR 1988	TOTAL	105149	MEAN	287	MAX	3030	MIN	14	CFSM	.58	IN	7.95

PASCAGOULA RIVER BASIN

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02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

LOCATION.--Lat 31°08'54", long 88°33'52", in SW 1/4 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.--No estimated daily discharges. Records good. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--50 years, 3,853 ft³/s, 19.45 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)
Apr. 5	0800	*12,900	*21.01				

Minimum discharge, 323 ft³/s, Oct. 21, gage height, 8.28 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	559	383	748	1600	1530	1930	6920	2230	619	409	493	657
2	583	384	792	1590	1650	1790	7740	1940	591	401	484	626
3	517	391	799	1510	1970	2070	11000	1680	583	417	585	795
4	481	390	775	1360	2790	4310	12500	1480	557	504	744	1490
5	452	406	738	1250	4960	3460	12800	1370	541	556	658	4510
6	423	405	704	1190	6310	2500	12400	1280	567	1090	679	7090
7	397	387	672	1170	5800	2280	12100	1210	572	881	635	7300
8	379	386	660	1270	4680	2350	11500	1140	545	1350	623	6060
9	367	382	653	1360	3420	2190	8120	1060	518	1320	664	4110
10	373	378	646	1420	2610	2050	4900	996	512	1310	784	3340
11	373	390	634	1480	2220	2010	3690	959	572	1060	801	4390
12	367	383	630	1460	2040	2080	3090	940	542	900	705	6680
13	363	388	625	1390	1990	2370	2810	945	503	752	608	4570
14	360	400	627	1320	1960	2500	2610	965	490	652	558	2890
15	356	440	646	1290	2520	2370	2460	947	564	602	537	2250
16	345	481	643	1270	4040	2250	2250	905	501	606	544	3210
17	332	836	634	1340	5060	2000	2030	844	474	627	531	7850
18	328	945	631	1610	5370	1800	1840	803	483	673	517	5500
19	327	1110	652	2220	7440	1710	1770	775	603	685	485	3400
20	326	1200	683	3500	10200	1750	2620	755	567	651	459	2430
21	325	1140	774	5900	9360	1890	4330	730	527	627	452	1950
22	335	1030	1170	5930	6170	1860	4920	718	498	827	456	1600
23	352	890	1650	5090	4380	1760	4010	738	475	1310	468	1360
24	335	795	1820	4310	3510	1610	2940	697	457	1030	512	1210
25	336	724	1780	3370	3040	1640	2400	709	459	804	1060	1090
26	340	744	1560	2870	2750	2820	3900	719	451	736	1550	1020
27	345	710	1350	2650	2570	5700	5860	744	444	759	1170	971
28	347	670	1230	2380	2390	9190	6220	737	431	681	869	951
29	351	673	1210	2080	2150	9340	4340	703	421	637	730	956
30	358	710	1320	1830	---	7380	2740	694	414	586	671	939
31	380	---	1590	1640	---	6980	---	664	---	525	635	---
TOTAL	11812	18551	29046	68650	114880	95940	166810	31077	15481	23968	20667	91195
MEAN	381	618	937	2215	3961	3095	5560	1002	516	773	667	3040
MAX	583	1200	1820	5930	10200	9340	12800	2230	619	1350	1550	7850
MIN	325	378	625	1170	1530	1610	1770	664	414	401	452	626
CFSM	.14	.23	.35	.82	1.47	1.15	2.07	.37	.19	.29	.25	1.13
IN.	.16	.26	.40	.95	1.59	1.33	2.31	.43	.21	.33	.29	1.26

CAL YR 1987	TOTAL	1486635	MEAN	4073	MAX	34300	MIN	325	CFSM	1.51	IN	20.56
WTR YR 1988	TOTAL	688077	MEAN	1880	MAX	12800	MIN	325	CFSM	.70	IN	9.52

PASCAGOULA RIVER BASIN

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 Chickasawny 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.--58 years, 9,920 ft³/s, 20.44 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, 38,100 ft³/s, Apr. 6, gage height, 19.92 ft; minimum, 1,010 ft³/s, July 3, gage height, 2.13 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1610	1180	2190	4230	4000	5790	21500	5330	1870	1070	1700	2230
2	1740	1200	2080	4430	4460	5370	24300	4670	1780	1060	1630	2410
3	1720	1190	2010	4530	7250	6410	31400	4210	1760	1050	1600	2300
4	1610	1210	1950	4240	11500	18600	34900	3810	1820	1170	1690	3530
5	1540	1230	1860	3850	15500	17500	37100	3510	1780	1560	1790	9760
6	1480	1240	1800	3530	18500	11700	37800	3290	1800	2270	1720	17200
7	1410	1220	1730	3340	18100	9170	36500	3150	1800	2790	1680	20300
8	1350	1190	1710	3750	15200	8180	33300	3040	1710	2690	1590	20000
9	1320	1180	1710	4180	11700	7450	27900	2910	1630	2880	1850	16800
10	1290	1200	1730	4260	8780	7070	19100	2770	1640	2870	2360	13900
11	1290	1210	1730	4240	7040	7510	11600	2670	1620	2690	2300	14300
12	1280	1240	1700	4080	6130	7850	8760	2610	1590	2430	2520	20300
13	1270	1240	1650	3890	5770	7740	7590	2580	1470	2070	2970	16900
14	1250	1240	1650	3820	5780	7800	6890	2550	1370	1770	2470	10300
15	1230	1310	1690	3750	7600	7180	6410	2510	1340	1620	1910	7150
16	1220	1310	1710	3650	12700	6460	5980	2480	1370	1640	1630	8410
17	1210	2280	1680	3750	15500	5970	5540	2440	1290	2270	1520	17900
18	1200	4220	1650	4870	15700	5480	5230	2320	1250	2800	1450	16900
19	1200	4300	1700	5580	19900	5320	5220	2210	1250	3540	1430	12100
20	1200	3740	1730	8350	26500	5260	5820	2190	1460	3400	1320	8730
21	1160	3240	1930	13400	30500	5330	8480	2160	1450	2850	1310	6510
22	1140	2730	3620	15600	29800	5410	10900	2120	1430	3180	1370	5230
23	1140	2400	5240	13400	22100	5220	10900	2130	1370	5210	1450	4400
24	1160	2100	5420	11200	15300	4940	8970	2190	1310	3930	3390	3850
25	1150	1910	4980	9580	11500	4960	6930	2190	1260	2880	4600	3490
26	1160	1840	4400	8270	9250	12100	6490	2300	1230	2350	5430	3250
27	1180	1890	3850	7120	7840	15800	8920	2490	1250	2100	4690	3190
28	1170	1930	3590	6160	6910	17600	10600	2300	1200	1990	3420	3080
29	1170	2130	3650	5370	6340	19000	9640	2150	1150	1930	2610	2960
30	1170	2260	3850	4750	---	19500	6830	2050	1100	1810	2290	2860
31	1170	---	4070	4290	---	20400	---	1960	---	1620	2140	---
TOTAL	40190	56560	80260	185460	377150	294070	461500	85290	44350	73490	69830	280260
MEAN	1296	1885	2589	5983	13010	9486	15380	2751	1478	2371	2253	9342
MAX	1740	4300	5420	15600	30500	20400	37800	5330	1870	5210	5430	20300
MIN	1140	1180	1650	3340	4000	4940	5220	1960	1100	1050	1310	2230
CFSM	.20	.29	.39	.91	1.97	1.44	2.33	.42	.22	.36	.34	1.42
IN.	.23	.32	.45	1.05	2.13	1.66	2.61	.48	.25	.41	.39	1.58
CAL YR 1987	TOTAL	3880620	MEAN	10630	MAX	78900	MIN	1140	CFSM	1.61	IN	21.91
WTR YR 1988	TOTAL	2048410	MEAN	5597	MAX	37800	MIN	1050	CFSM	.85	IN	11.56

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.87	2.36	3.59	5.18	5.17	6.57	15.25	6.22	3.16	2.21	2.97	3.54
2	3.01	2.37	3.47	5.33	5.54	6.25	16.26	5.71	3.06	2.19	2.90	3.73
3	2.99	2.36	3.40	5.40	7.57	6.96	18.40	5.34	3.05	2.18	2.86	3.62
4	2.87	2.39	3.32	5.13	10.20	13.91	19.27	5.01	3.11	2.33	2.97	4.74
5	2.79	2.42	3.22	4.77	12.41	13.41	19.71	4.75	3.06	2.80	3.07	9.12
6	2.72	2.42	3.14	4.45	13.89	10.33	19.86	4.56	3.09	3.58	3.00	13.27
7	2.63	2.40	3.07	4.28	13.72	8.83	19.60	4.43	3.09	4.10	2.95	14.78
8	2.56	2.37	3.03	4.65	12.22	8.21	18.90	4.33	2.98	4.00	2.85	14.65
9	2.52	2.35	3.04	5.05	10.33	7.73	17.40	4.21	2.90	4.18	3.14	13.08
10	2.49	2.37	3.05	5.12	8.58	7.47	14.14	4.07	2.91	4.17	3.68	11.54
11	2.49	2.39	3.05	5.11	7.45	7.76	10.28	3.98	2.88	4.00	3.62	11.76
12	2.48	2.42	3.01	4.96	6.81	7.99	8.58	3.92	2.84	3.74	3.84	14.72
13	2.46	2.42	2.95	4.78	6.55	7.92	7.82	3.89	2.70	3.37	4.27	13.10
14	2.44	2.43	2.95	4.71	6.56	7.96	7.35	3.86	2.59	3.06	3.78	9.53
15	2.41	2.53	2.98	4.66	7.79	7.54	7.01	3.83	2.54	2.89	3.20	7.52
16	2.41	2.59	3.01	4.56	10.90	7.05	6.71	3.80	2.59	2.90	2.90	8.29
17	2.39	3.71	2.97	4.65	12.42	6.69	6.38	3.75	2.49	3.58	2.77	13.59
18	2.38	5.45	2.92	5.66	12.51	6.33	6.15	3.64	2.44	4.11	2.69	13.09
19	2.38	5.51	2.97	6.25	14.50	6.22	6.14	3.53	2.44	4.77	2.66	10.55
20	2.37	5.07	3.01	8.25	16.98	6.17	6.58	3.50	2.69	4.66	2.52	8.55
21	2.32	4.64	3.21	11.29	18.15	6.22	8.39	3.47	2.68	4.15	2.52	7.08
22	2.30	4.17	4.79	12.46	17.93	6.28	9.88	3.43	2.66	4.43	2.59	6.14
23	2.30	3.83	6.12	11.29	15.43	6.14	9.89	3.44	2.59	6.13	2.68	5.49
24	2.33	3.53	6.25	10.06	12.28	5.92	8.71	3.50	2.52	5.10	4.62	5.05
25	2.31	3.32	5.90	9.09	10.24	5.93	7.37	3.50	2.45	4.18	5.66	4.73
26	2.33	3.24	5.41	8.26	8.88	10.52	7.06	3.62	2.41	3.67	6.30	4.52
27	2.34	3.29	4.93	7.50	7.98	12.54	8.67	3.81	2.44	3.41	5.72	4.47
28	2.33	3.33	4.68	6.84	7.36	13.48	9.73	3.62	2.37	3.29	4.67	4.37
29	2.33	3.53	4.72	6.25	6.96	14.16	9.12	3.47	2.31	3.23	3.92	4.26
30	2.33	3.67	4.88	5.78	---	14.38	7.29	3.35	2.25	3.09	3.61	4.18
31	2.34	---	5.05	5.41	---	14.80	---	3.26	---	2.88	3.45	---
MEAN	2.49	3.16	3.81	6.36	10.60	8.76	11.26	4.03	2.71	3.63	3.50	8.44
MAX	3.01	5.51	6.25	12.46	18.15	14.80	19.86	6.22	3.16	6.13	6.30	14.78
MIN	2.30	2.35	2.92	4.28	5.17	5.92	6.14	3.26	2.25	2.18	2.52	3.54
CAL YR 1987	MEAN 7.86		MAX 24.56	MIN 2.30								
WTR YR 1988	MEAN 5.69		MAX 19.86	MIN 2.18								

PASCAGOULA RIVER BASIN

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 Bennedale, 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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 28...	1330	1180	220	7.10	18.5	2.7	7.0	74	200	K45
JAN 25...	1600	9440	79	6.70	10.0	23	8.9	79	190	K50
FEB 23...	1130	22400	55	6.20	11.5	28	7.9	--	K1700	580
MAY 03...	1630	4180	112	7.00	22.0	14	9.1	105	K68	K30
JUN 14...	1100	1390	272	7.00	26.0	6.6	7.9	97	200	K34
AUG 31...	1130	2140	129	5.80	29.5	14	7.1	94	240	K23

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 WATER DIS IT FIELD MG/L AS HCO3
OCT 28...	21	0	6.3	1.4	32	74	3	2.4	31
JAN 25...	17	6	5.0	1.1	6.9	43	0.8	2.1	10
FEB 23...	13	6	3.7	0.89	4.7	40	0.6	1.7	7
MAY 03...	22	1	6.5	1.4	12	53	1	0.90	23
JUN 14...	31	5	9.5	1.7	39	72	3	2.4	28
AUG 31...	19	4	5.4	1.2	17	64	2	2.0	16

PASCAGOULA RIVER BASIN

81

02479020 PASCAGOULA RIVER NEAR BENNDALE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	ALKA- LITY WAT DIS TOT IT 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 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 28...		25	23	35	0.10	9.9	--	127	404
JAN 25...		9	19	8.4	0.10	9.3	61	60	1550
FEB 23...		6	15	7.1	0.10	7.5	48	46	2900
MAY 03...		19	14	11	0.10	11	85	71	959
JUN 14...		23	36	38	0.10	10	165	155	619
AUG 31...		13	21	17	<0.10	9.4	87	84	503

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
OCT 28...	0.300	0.030	0.60	0.140	0.130	0.100	2	6.4	100
JAN 25...	0.190	0.100	0.70	0.080	0.040	0.010	24	612	100
FEB 23...	0.120	0.040	0.50	0.060	0.030	<0.010	49	2960	100
MAY 03...	0.290	0.050	0.60	0.070	0.040	0.020	62	700	70
JUN 14...	0.330	0.060	0.40	0.100	0.080	0.050	28	105	94
AUG 31...	0.390	--	0.50	0.070	0.060	0.050	37	214	87

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 25...	220	<1	37	<0.5	<1	1	<3	3	370	<5
FEB 23...	240	<1	33	<0.5	<1	2	<3	1	260	<5
JUN 14...	110	1	45	<0.5	<1	10	<3	1	460	<5
AUG 31...	90	1	35	<0.5	<1	3	<3	1	270	<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 25...	<4	23	<0.1	<10	3	<1	1.0	45	<6	8
FEB 23...	<4	72	<0.1	<10	1	<1	<1.0	32	<6	13
JUN 14...	<4	140	<0.1	<10	4	<1	<1.0	71	<6	110
AUG 31...	<4	46	<0.1	<10	1	<1	<1.0	53	<6	5

PASCAGOULA RIVER BASIN

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.--18 years, 674 ft³/s, 25.78 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)
Feb. 4	0600	4,480	14.58	Mar. 26	1000	*7,030	*18.55
Feb. 19	0630	3,690	13.13	Apr. 2	1900	5,260	14.19

Minimum daily discharge, 90 ft³/s, Oct. 22, 23.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	126	147	356	312	471	475	2060	229	124	101	123	139
2	109	146	309	430	2080	441	3170	221	122	97	118	197
3	102	146	287	427	2150	2190	3550	210	129	120	120	185
4	97	150	267	374	3900	2770	2520	206	123	277	197	521
5	96	155	224	324	2390	1520	1830	197	126	225	182	1250
6	98	155	215	284	2220	928	1440	187	155	268	155	785
7	98	153	262	318	1620	692	1110	178	159	212	156	732
8	98	152	614	573	1230	581	842	171	155	186	162	555
9	98	174	538	544	945	630	706	168	156	184	189	276
10	99	236	442	427	750	833	628	166	193	138	382	304
11	99	236	369	347	646	745	571	167	150	150	366	518
12	98	217	304	307	641	643	537	163	129	152	282	1860
13	96	200	276	334	617	597	506	160	118	137	232	1080
14	96	193	262	408	577	482	480	157	113	125	207	565
15	96	183	277	366	2100	415	454	151	109	116	166	355
16	97	184	279	326	1670	379	417	146	107	125	139	939
17	96	1080	283	665	1150	363	371	144	105	261	129	1900
18	94	833	272	723	1500	510	412	139	103	406	126	1110
19	94	569	265	819	3470	590	542	132	101	272	129	707
20	94	505	261	2030	2750	486	476	129	116	213	131	455
21	91	411	385	1100	2350	419	425	130	191	208	126	351
22	90	268	983	721	1670	372	391	155	226	208	141	290
23	90	233	753	667	1120	342	358	181	191	214	178	247
24	92	220	589	568	891	337	357	188	193	177	166	221
25	102	215	491	794	696	1400	329	200	221	175	144	205
26	116	219	377	689	606	6680	303	206	192	157	133	203
27	111	232	337	506	553	4700	279	173	158	138	120	201
28	117	303	477	422	519	1990	259	151	131	132	111	196
29	114	425	427	370	498	1360	241	136	117	143	105	189
30	113	420	372	341	---	2710	232	128	107	143	126	186
31	117	---	328	328	---	2300	---	127	---	125	119	---
TOTAL	3134	8760	11881	16844	41780	38880	25796	5196	4320	5555	5160	16722
MEAN	101	292	383	543	1441	1254	860	168	144	179	166	557
MAX	126	1080	983	2030	3900	6680	3550	229	226	406	382	1900
MIN	90	146	215	284	471	337	232	127	101	97	105	139
CFSM	.29	.82	1.08	1.53	4.06	3.53	2.42	.47	.41	.50	.47	1.57
IN.	.33	.92	1.24	1.77	4.38	4.07	2.70	.54	.45	.58	.54	1.75

CAL YR 1987 TOTAL 240559 MEAN 659 MAX 6140 MIN 90 CFMS 1.86 IN 25.21
WTR YR 1988 TOTAL 184028 MEAN 503 MAX 6680 MIN 90 CFMS 1.42 IN 19.28

PASCAGOULA RIVER BASIN

83

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

LOCATION.--Lat 31°01'30", long 89°01'00", in NW¼ sec.29, T.1 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 031700U7, 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.--22 years, 98.2 ft³/s, 25.35 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)
Mar. 4	0130	1,910	16.98	Apr. 2	2230	1,740	16.22
Mar. 25	2200	*2,030	*17.49				

Minimum discharge, 7.4 ft³/s, Oct. 9, 12-14, 21-22.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	8.1	32	51	56	41	350	22	11	8.9	14	17
2	9.3	8.0	31	109	219	38	1160	20	11	8.8	14	17
3	8.3	8.2	34	75	202	744	889	19	12	11	16	22
4	7.9	10	28	47	563	1320	277	18	12	19	19	139
5	7.9	13	23	37	396	337	171	17	13	15	19	218
6	7.9	11	22	36	353	172	151	16	13	19	18	64
7	7.8	9.6	25	89	177	124	113	16	12	15	21	30
8	7.6	9.4	32	140	120	101	84	15	12	12	23	22
9	7.6	10	37	77	91	122	71	15	12	10	62	19
10	7.6	12	31	50	70	151	63	15	17	11	65	128
11	7.6	12	27	40	59	96	65	15	15	19	32	208
12	7.5	11	25	36	57	74	67	14	14	17	55	723
13	7.4	10	23	49	50	67	55	14	13	13	182	182
14	7.6	10	23	57	45	56	47	14	12	10	69	72
15	7.6	11	36	44	600	49	41	13	11	10	32	51
16	7.6	24	44	37	328	46	37	12	11	15	23	287
17	7.6	243	33	130	131	43	35	18	10	57	21	493
18	7.6	93	30	169	295	79	64	19	9.9	146	24	161
19	7.6	37	27	153	768	88	156	15	9.6	61	22	72
20	7.7	25	26	344	301	58	72	14	9.4	30	31	48
21	7.6	21	92	182	153	46	45	13	18	37	25	36
22	7.6	20	231	87	110	41	37	15	12	60	25	29
23	7.8	19	107	62	89	38	38	15	12	66	21	25
24	8.0	20	56	64	91	39	39	14	12	35	18	23
25	8.2	24	43	195	70	456	32	21	11	23	18	22
26	8.3	60	37	118	57	1270	28	18	11	19	16	48
27	8.5	61	36	68	52	297	25	15	10	22	15	37
28	8.4	66	69	53	49	142	23	13	9.9	29	15	37
29	8.2	58	62	47	45	102	21	12	9.2	18	15	34
30	8.1	38	40	44	---	415	21	11	8.7	16	16	31
31	8.2	---	36	42	---	389	---	11	---	15	17	---
TOTAL	247.6	962.3	1398	2732	5597	7041	4277	479	353.7	847.7	963	3295
MEAN	7.99	32.1	45.1	88.1	193	227	143	15.5	11.8	27.3	31.1	110
MAX	11	243	231	344	768	1320	1160	22	18	146	182	723
MIN	7.4	8.0	22	36	45	38	21	11	8.7	8.8	14	17
CFSM	.15	.61	.86	1.68	3.67	4.32	2.72	.30	.22	.52	.59	2.09
IN.	.18	.68	.99	1.93	3.96	4.98	3.02	.34	.25	.60	.68	2.33

CAL YR 1987 TOTAL 30616.8 MEAN 83.9 MAX 1270 MIN 7.4 CFSM 1.60 IN 21.65
WTR YR 1988 TOTAL 28193.3 MEAN 77.0 MAX 1320 MIN 7.4 CFSM 1.46 IN 19.94

PASCAGOULA RIVER BASIN

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COL S./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
OCT 28...	1600	8.3	20	6.40	15.0	1.3	6.5	64	K26	K10
JAN 26...	0900	123	32	4.80	7.0	4.0	10.5	86	K66	K29
MAY 03...	1530	19	19	6.00	21.5	2.2	8.1	92	K52	K8
AUG 31...	1430	17	15	4.70	27.0	1.6	8.0	102	K40	K5

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 WATER DIS IT FIELD MG/L AS HCO3
OCT 28...	4	0	0.78	0.48	2.2	50	0.5	0.70	4
JAN 26...	7	5	1.3	0.82	2.6	44	0.5	0.50	0
MAY 03...	3	1	0.62	0.40	2.0	54	0.5	0.40	3
AUG 31...	3	0	0.63	0.34	2.3	59	0.6	0.40	1

DATE	ALKA- LINITY WAT DIS TOT IT 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 28...	5	8.6	1.2	0.10	11	--	28	0.04	0.62
JAN 26...	0	15	4.4	0.10	10	43	37	0.06	14.3
MAY 03...	2	6.0	3.3	0.10	10	29	24	0.04	1.49
AUG 31...	1	3.2	3.3	<0.10	10	22	22	0.03	1.01

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
OCT 28...	<0.100	0.010	0.30	0.020	0.010	--	3	0.07	100
JAN 26...	<0.100	0.030	0.30	<0.010	0.010	<0.010	11	3.7	77
MAY 03...	<0.100	0.020	0.30	<0.010	<0.010	<0.010	10	0.51	82
AUG 31...	<0.100	<0.010	0.30	0.010	<0.010	<0.010	10	0.46	84

PASCAGOULA RIVER BASIN

85

02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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 28...	80	1	20	<0.5	<1	10	<3	<1	160	<5
JAN 26...	360	<1	42	<0.5	2	<1	<3	1	270	<5
MAY 03...	70	<1	20	<0.5	<1	4	<3	2	93	<5
AUG 31...	50	<1	18	<0.5	<1	<1	<3	<1	120	<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 28...	<4	12	<0.1	<10	<1	<1	<1.0	8	<6	22
JAN 26...	<4	82	<0.1	<10	2	<1	<1.0	15	<6	8
MAY 03...	<4	26	<0.1	<10	6	<1	<1.0	7	<6	5
AUG 31...	<4	13	<0.1	<10	<1	<1	<1.0	6	<6	35

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 NATURAL DIS- SOLVED (UG/L AS U)
OCT 28...	<0.4	<0.4	0.7	<0.4	0.7	<0.4	0.04	0.02
MAY 03...	<0.4	<0.4	1.2	<0.4	1.3	<0.4	0.18	0.03

PASCAGOULA RIVER BASIN

02479160 BLACK CREEK NEAR WIGGINS, MS

LOCATION.--Lat 30°51'12", long 88°54'49", in SW¼ 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 and crest-stage gage. 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.--17 years, 1,397 ft³/s, 27.06 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)
Mar. 5	0600	8,230	20.50	Apr. 4	0530	9,100	20.97
Mar. 28	0800	*9,880	*21.34				

Minimum discharge, 186 ft³/s, Oct. 22-25.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	302	206	609	583	718	1020	4640	516	252	210	252	310
2	272	226	515	771	2000	948	4710	503	247	194	245	273
3	242	230	449	927	3060	2040	7670	478	254	191	238	386
4	226	239	416	766	3540	6580	8700	455	274	378	236	944
5	219	271	387	637	4700	7780	5760	436	283	606	306	2090
6	217	268	340	541	4660	4260	3440	416	282	735	319	2000
7	215	255	328	499	3700	2210	2650	397	298	604	311	1080
8	213	247	430	976	2530	1720	2150	379	304	426	323	894
9	211	247	833	1090	1990	1580	1820	367	289	350	500	662
10	207	283	724	873	1650	1830	1620	361	364	316	733	626
11	205	354	603	699	1390	1780	1470	359	380	376	780	960
12	205	355	511	587	1280	1530	1390	354	301	401	719	1860
13	203	325	434	550	1220	1390	1290	348	264	345	682	2640
14	203	307	397	680	1140	1270	1180	338	244	291	679	1340
15	202	297	410	706	2440	1080	1100	330	230	259	505	771
16	201	300	472	612	3990	974	1020	314	222	262	381	1440
17	201	1110	454	729	2880	908	938	305	214	398	322	3840
18	201	2000	426	1740	2230	953	905	305	209	848	315	3450
19	198	1200	402	1490	4090	1340	1490	292	204	911	319	1770
20	196	819	391	2650	5220	1230	1420	279	201	576	324	1070
21	194	706	494	3520	4560	1020	1090	273	210	551	316	733
22	188	570	1520	1900	3270	902	941	298	292	677	442	570
23	186	419	1770	1280	2340	823	880	326	351	721	403	475
24	186	370	1160	1150	1920	779	845	343	343	565	349	417
25	189	348	898	1390	1650	1130	807	361	333	399	337	376
26	194	407	748	1640	1390	5450	731	379	371	353	315	367
27	214	480	610	1200	1240	8790	669	375	346	323	278	396
28	210	484	643	920	1140	9550	612	327	345	332	252	594
29	208	605	882	789	1070	5710	561	296	261	314	234	431
30	211	677	713	721	---	3520	527	273	229	280	225	397
31	209	---	603	701	---	4780	---	261	---	272	318	---
TOTAL	6528	14605	19572	33317	73008	84877	63026	11044	8397	13464	11958	33164
MEAN	211	487	631	1075	2518	2738	2101	356	280	434	386	1105
MAX	302	2000	1770	3520	5220	9550	8700	516	380	911	780	3840
MIN	186	206	328	499	718	779	527	261	201	191	225	273
CFSM	.30	.70	.90	1.53	3.59	3.91	3.00	.51	.40	.62	.55	1.56
IN.	.35	.78	1.04	1.77	3.87	4.50	3.34	.59	.45	.71	.63	1.76

CAL YR 1987 TOTAL 479437 MEAN 1314 MAX 11100 MIN 186 CFSM 1.87 IN 25.44
WTR YR 1988 TOTAL 372960 MEAN 1019 MAX 9550 MIN 186 CFSM 1.45 IN 19.79

PASCAGOULA RIVER BASIN

87

02479300 RED CREEK AT VESTRY, MS

LOCATION.--Lat 30°44'10", long 88°46'50", in SW1SW1 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.--Estimated daily discharges: Apr. 15 to May 11, June 25 to July 7 and Aug. 5. Records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--30 years, 860 ft³/s, 26.48 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)
Mar. 6	0300	*9,090	*15.99	Apr. 4	1200	7,760	15.94
Mar. 28	0930	5,930	15.07				

Minimum recorded discharge, 160 ft³/s, June 22, but may have been less during period of no gage-height record, June 25 to July 7.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	286	180	327	419	449	619	3920	330	204	155	224	544
2	264	183	293	583	1560	584	4490	330	198	140	209	484
3	242	181	272	719	2210	1010	5320	320	200	130	206	427
4	226	185	260	623	2180	3780	7230	310	207	180	195	1560
5	218	203	250	512	2780	6760	5310	300	202	390	240	2830
6	213	220	243	437	3130	8020	3460	295	267	280	187	2860
7	210	205	241	396	3120	5290	2210	285	254	390	198	1470
8	204	198	294	470	2490	2740	1530	280	242	329	257	733
9	200	197	582	675	1550	1470	1180	275	230	275	808	512
10	197	203	602	582	1070	1330	1020	270	230	226	1140	942
11	195	226	475	482	862	1320	912	265	259	234	1000	1460
12	193	231	382	423	764	1100	836	275	238	312	753	1350
13	189	230	336	398	710	944	775	271	213	301	570	1590
14	186	222	305	434	648	832	718	271	198	242	496	1310
15	185	216	297	475	1100	740	640	264	192	209	462	1050
16	183	219	337	438	2210	676	580	257	184	193	364	2100
17	182	457	349	528	2600	633	520	249	178	238	318	3770
18	180	805	325	943	2160	644	480	240	172	528	297	3720
19	179	673	297	1050	2930	884	560	233	169	566	276	3310
20	177	530	284	1250	3580	906	700	227	166	435	279	1770
21	176	400	312	1670	3760	751	620	224	163	380	439	958
22	174	328	958	1390	2790	641	540	239	161	525	1050	705
23	173	292	1260	954	1630	583	500	273	167	793	790	586
24	175	274	890	687	1150	552	470	266	205	577	501	515
25	179	264	647	754	1010	738	470	262	220	384	371	468
26	182	266	521	926	879	2780	450	282	280	300	311	427
27	183	291	463	756	769	4390	420	277	320	262	261	413
28	184	292	525	615	696	5730	390	255	260	256	229	412
29	182	335	565	529	651	4650	365	233	225	316	211	504
30	181	348	509	481	---	2990	340	220	180	293	211	466
31	181	---	438	453	---	2990	---	211	---	252	325	---
TOTAL	6079	8854	13839	21052	51438	67077	46956	8289	6384	10091	13178	39246
MEAN	196	295	446	679	1774	2164	1565	267	213	326	425	1308
MAX	286	805	1260	1670	3760	8020	7230	330	320	793	1140	3770
MIN	173	180	241	396	449	552	340	211	161	130	187	412
CFSM	.44	.67	1.01	1.54	4.02	4.91	3.55	.61	.48	.74	.96	2.97
IN.	.51	.75	1.17	1.78	4.34	5.66	3.96	.70	.54	.85	1.11	3.31
CAL YR 1987	TOTAL	360985	MEAN 989	MAX	25100	MIN 173	CFSM 2.24	IN 30.45				
WTR YR 1988	TOTAL	292483	MEAN 799	MAX	8020	MIN 130	CFSM 1.81	IN 24.67				

PASCAGOULA RIVER BASIN

Q2479560 ESCATAWPA RIVER NEAR AGRICOLA, MS
(National stream-quality accounting station)

LOCATION.--Lat 30°48'32", long 88°27'41", in SW¼SW¼ 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, 6.7 mi west of Wilmer, and 50.6 mi upstream from mouth.

DRAINAGE AREA.--562 mi².

WATER-DISCHARGE RECORDS

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. Water-discharge records good.

AVERAGE DISCHARGE.--15 years, 1,221 ft³/s, 29.50 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 33,700 ft³/s, Apr. 9, 1983, gage height, 22.39 ft; minimum, 100 ft³/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 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar. 5	1800	*6,790	*15.87	Sept. 18	0400	6,310	15.57

Minimum discharge, 102 ft³/s, July 1.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161	126	274	595	544	634	1290	317	134	106	246	500
2	155	125	247	1010	1270	583	2270	303	131	111	228	400
3	143	125	230	1120	1380	1000	4300	285	129	121	184	370
4	135	155	222	1030	1450	4590	3820	275	147	489	232	1070
5	133	197	212	878	2020	6540	2840	264	235	561	231	2170
6	132	177	205	721	2560	5800	2260	250	198	988	267	2100
7	130	158	204	599	2400	3520	1880	238	184	588	315	1660
8	127	150	249	609	1950	2200	1540	231	402	421	340	1240
9	125	151	295	670	1660	1860	1300	225	429	293	806	1010
10	126	175	267	687	1430	1740	1070	224	320	221	976	2020
11	126	175	238	642	1250	1530	879	222	229	204	663	2680
12	122	167	222	569	1080	1310	734	212	185	324	622	2750
13	120	162	211	520	923	1130	645	212	162	376	689	2720
14	121	158	207	532	801	998	586	210	148	263	571	2060
15	122	158	240	503	1360	914	541	204	140	195	433	1770
16	123	165	287	477	2090	838	503	195	132	178	358	2730
17	124	561	328	582	1830	774	472	192	127	324	344	5680
18	124	739	300	764	1750	773	487	182	123	317	382	6170
19	124	549	263	922	3230	835	1630	172	121	300	303	5490
20	122	405	249	1300	3350	790	1200	167	116	282	253	4970
21	121	320	312	1470	2610	725	826	166	115	259	291	4720
22	121	278	1020	1330	2040	660	636	195	113	425	404	3290
23	121	253	1030	1200	1770	613	561	201	134	929	273	1860
24	125	237	797	1110	1590	578	534	193	151	782	256	1370
25	131	228	653	1390	1380	689	495	202	151	756	325	1100
26	130	263	543	1220	1140	3510	450	194	143	627	325	912
27	132	266	483	1020	950	2920	408	180	126	468	326	758
28	131	270	1060	878	807	1990	369	167	119	311	443	749
29	127	333	810	768	700	1560	338	156	118	248	310	875
30	127	306	633	663	---	1390	320	147	111	192	308	1020
31	127	---	537	576	---	1390	---	141	---	168	593	---
TOTAL	3988	7532	12828	26355	47315	54384	35184	6522	5073	11827	12297	66214
MEAN	129	251	414	850	1632	1754	1173	210	169	382	397	2207
MAX	161	739	1060	1470	3350	6540	4300	317	429	988	976	6170
MIN	120	125	204	477	544	578	320	141	111	106	184	370
CFSM	.23	.45	.74	1.51	2.90	3.12	2.09	.37	.30	.68	.71	3.93
IN.	.26	.50	.85	1.74	3.13	3.60	2.33	.43	.34	.78	.81	4.38

CAL YR 1987 TOTAL 335395 MEAN 919 MAX 5890 MIN 120 CFSM 1.64 IN. 22.20
WTR YR 1988 TOTAL 289519 MEAN 791 MAX 6540 MIN 106 CFSM 1.41 IN. 19.16

02481000 BILOXI RIVER AT WORTHAM, MS

LOCATION.--Lat 30°33'30", long 89°07'20", in SE1SE4 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. 11-18, Apr. 21 to May 9 and May 12-14. Records good.

AVERAGE DISCHARGE.--36 years, 195 ft³/s, 27.56 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)
Feb. 19	0115	2,910	12.60	Aug. 22	0315	2,280	10.74
Mar. 4	0745	4,350	16.11	Sept. 4	2215	2,240	10.60
Mar. 26	0145	2,210	10.53	Sept. 17	0545	3,190	13.55
Apr. 2	1630	*5,820	*19.04				

Minimum discharge, 5.7 ft³/s, June 20, 21, gage height, 1.68 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	7.2	26	80	189	109	1250	35	9.8	15	99	34
2	27	7.2	21	223	1060	98	3730	32	9.6	11	62	93
3	19	7.0	18	226	650	980	3170	27	9.5	8.3	43	280
4	15	8.7	16	144	616	3690	1360	25	10	13	29	1500
5	12	10	15	102	813	2300	577	23	14	30	21	1670
6	11	13	14	77	876	823	429	22	14	33	27	797
7	10	12	43	68	608	411	337	21	11	26	102	258
8	9.0	10	311	121	359	311	250	20	10	18	265	151
9	8.5	11	255	126	266	326	203	19	12	16	830	113
10	8.0	13	105	87	207	367	181	19	25	13	556	784
11	8.3	17	62	68	171	265	160	20	18	15	430	616
12	7.8	15	47	59	160	203	140	20	14	15	291	476
13	7.5	14	39	57	144	180	130	20	12	14	294	389
14	7.2	13	35	75	122	152	120	19	10	16	321	220
15	7.0	13	34	70	1040	126	110	18	8.7	12	187	145
16	6.9	14	39	57	936	112	100	17	7.7	9.7	133	1050
17	7.1	99	49	160	534	104	110	15	7.0	15	748	2640
18	7.2	118	37	338	1160	198	130	14	6.6	25	841	1270
19	7.2	73	30	287	2300	264	166	13	6.1	31	391	462
20	7.2	40	27	524	1370	170	151	12	5.8	35	244	282
21	7.1	28	111	473	586	122	130	17	5.8	28	516	204
22	6.7	22	596	227	334	102	110	27	8.6	35	1510	155
23	6.7	19	426	148	261	92	100	29	16	141	534	122
24	6.9	17	183	122	255	90	110	32	12	69	204	103
25	7.3	15	125	204	223	638	100	27	10	37	132	89
26	7.3	15	100	212	173	1810	84	20	9.2	32	89	80
27	7.7	17	85	131	146	1090	68	21	9.1	32	63	77
28	7.3	20	117	98	132	448	54	19	9.1	89	48	72
29	7.2	25	134	83	121	258	47	15	8.2	52	39	87
30	7.3	28	90	76	---	1050	40	12	8.6	25	37	94
31	7.1	---	67	73	---	1070	---	11	---	21	33	---
TOTAL	304.5	721.1	3257	4796	15812	17959	13647	641	317.4	932.0	9119	14313
MEAN	9.82	24.0	105	155	545	579	455	20.7	10.6	30.1	294	477
MAX	33	118	596	524	2300	3690	3730	35	25	141	1510	2640
MIN	6.7	7.0	14	57	121	90	40	11	5.8	8.3	21	34
CFSM	.10	.25	1.09	1.61	5.67	6.03	4.74	.22	.11	.31	3.06	4.96
IN.	.12	.28	1.26	1.86	6.12	6.95	5.28	.25	.12	.36	3.53	5.54
CAL YR 1987 TOTAL	91729.6		MEAN 251	MAX 4590	MIN 6.7	CFSM 2.61	IN 35.51					
WTR YR 1988 TOTAL	81819.0		MEAN 224	MAX 3730	MIN 5.8	CFSM 2.33	IN 31.67					

WOLF RIVER BASIN

02481510 WOLF RIVER NEAR LONDON, 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 London.

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: Dec. 9 to Jan. 5, Jan. 31 to Feb. 23, Mar. 30 to May 10, and Sept. 19-23. Records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--17 years, 657 ft³/s, 28.97 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)
Feb. 18	Unknown	7,260	^a 12.14	Aug. 22	0130	4,290	8.74
Mar. 4	0700	*9,950	*14.77	Sept. 5	0300	4,090	8.51
Mar. 27	0730	5,620	10.34	Sept. 17	0100	7,070	11.94
Apr. 3	----	8,800	Unknown				

^aFrom floodmark

Minimum daily discharge, 47 ft³/s, Oct. 22, 23.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	142	51	146	450	1500	449	7000	180	90	78	117	511
2	99	50	131	820	3500	412	7300	170	87	71	123	461
3	81	49	119	500	2500	2290	8000	160	85	66	126	1040
4	70	56	111	400	2400	9150	5400	150	87	69	116	2320
5	66	61	107	300	2900	6950	4500	140	105	171	108	3310
6	62	57	104	275	2500	2630	5000	130	103	459	119	1490
7	61	56	600	258	2000	1550	2700	125	102	400	175	744
8	58	54	1160	443	1400	1070	1500	122	114	275	299	442
9	57	57	900	493	1000	1020	1000	120	102	161	1600	339
10	56	64	500	359	860	1300	800	119	121	127	1330	1440
11	55	68	360	291	720	1070	680	171	119	129	867	1270
12	53	71	260	256	620	807	600	174	101	123	499	1000
13	52	69	200	244	900	681	560	154	94	113	353	1130
14	52	66	180	267	2000	584	520	137	87	103	268	886
15	51	63	180	284	3500	504	480	125	81	94	267	599
16	51	71	210	253	2400	447	460	118	78	88	212	3600
17	50	258	230	450	3000	409	450	111	75	117	574	5290
18	50	415	180	1080	6500	604	450	106	78	578	678	2180
19	49	328	160	902	6200	959	540	102	74	816	408	1200
20	49	210	170	1700	5000	683	640	99	72	576	284	830
21	48	159	300	1540	2800	506	540	103	71	266	906	520
22	47	134	600	839	1600	414	500	123	74	613	2700	460
23	47	121	1600	582	1000	368	470	125	80	884	997	410
24	49	114	1500	455	971	357	430	119	82	311	546	309
25	50	109	1000	631	878	777	360	140	85	201	384	277
26	51	107	500	692	693	4590	300	157	83	155	288	263
27	53	106	350	487	586	5030	250	149	82	132	224	273
28	53	123	400	388	526	2620	230	123	77	199	186	240
29	53	149	500	333	488	1460	210	107	78	183	175	269
30	52	166	380	307	---	3000	190	98	84	163	175	269
31	52	---	290	500	---	4000	---	93	---	133	442	---
TOTAL	1819	3462	13428	16779	60942	56691	52060	4050	2651	7854	15546	33372
MEAN	58.7	115	433	541	2101	1829	1735	131	88.4	253	501	1112
MAX	142	415	1600	1700	6500	9150	8000	180	121	884	2700	5290
MIN	47	49	104	244	488	357	190	93	71	66	108	240
CFSM	.19	.37	1.41	1.76	6.82	5.94	5.63	.43	.29	.82	1.63	3.61
IN.	.22	.42	1.62	2.03	7.36	6.85	6.29	.49	.32	.95	1.88	4.03
CAL YR 1987	TOTAL	221723	MEAN 607	MAX 6390	MIN 47	CFSM 1.97	IN 26.78					
WTR YR 1988	TOTAL	268654	MEAN 734	MAX 9150	MIN 47	CFSM 2.38	IN 32.45					

PEARL RIVER BASIN

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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.

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: Aug. 24 to Sept. 6. Records poor. Telemeter at station.

AVERAGE DISCHARGE.--7 years, 618 ft³/s, 16.14 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, 2,520 ft³/s, Apr. 5, gage height, 13.20 ft; minimum, 1.0 ft³/s, June 30, July 2.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.6	2.7	9.1	90	118	811	94	2.2	1.2	107	2.5
2	1.0	1.8	2.8	4.8	79	98	1030	70	2.2	3.7	185	3.4
3	.68	1.7	3.2	6.9	106	86	1460	56	2.3	10	298	5.6
4	.46	1.9	3.8	11	175	147	1800	51	4.3	13	321	9.8
5	.47	2.1	4.4	12	281	201	2390	38	1.8	19	177	15
6	.54	2.6	4.4	10	394	260	2050	23	1.8	13	83	21
7	.37	3.0	4.1	12	443	322	1600	18	1.7	32	56	20
8	.54	3.6	3.7	24	465	354	1240	14	2.2	90	40	10
9	.55	4.1	4.4	25	469	421	985	11	2.5	111	27	6.3
10	.57	5.7	3.4	28	453	536	784	9.3	1.5	99	21	4.7
11	.67	6.8	3.9	34	409	614	618	6.7	1.4	95	17	4.0
12	.85	7.7	3.8	36	349	693	483	5.6	2.0	80	14	3.1
13	.95	7.9	2.4	41	277	771	391	13	1.9	64	12	2.6
14	.92	8.3	2.7	52	211	803	320	10	2.0	54	9.8	3.6
15	.79	9.2	3.5	52	258	769	263	6.5	1.7	46	7.2	4.1
16	.87	11	3.5	50	317	695	232	5.9	1.5	40	6.2	8.9
17	1.0	19	3.7	47	389	578	201	8.2	1.9	59	5.6	14
18	.84	3.3	4.5	47	453	453	205	5.8	2.1	93	4.9	15
19	.75	.20	5.9	64	507	374	318	16	1.6	80	22	15
20	1.2	.33	11	253	528	323	407	10	3.6	63	15	13
21	1.6	1.9	8.5	265	526	267	483	5.6	5.6	51	10	12
22	1.1	3.1	7.9	305	507	216	516	4.3	3.1	64	9.3	11
23	.85	4.0	6.3	304	469	178	519	4.2	1.7	94	6.4	9.1
24	1.2	4.2	12	285	424	155	498	5.8	1.5	118	4.0	7.4
25	1.4	4.5	9.7	257	364	170	461	8.9	1.5	155	3.6	5.8
26	1.5	5.1	8.4	245	297	266	415	4.3	1.9	185	3.1	5.4
27	1.3	6.2	17	232	222	333	337	2.8	2.2	177	2.6	5.0
28	1.3	11	16	206	173	364	241	2.4	2.0	144	2.2	5.1
29	1.5	6.8	34	174	145	378	176	2.2	1.5	113	2.2	5.3
30	1.6	2.8	25	142	---	506	127	2.4	1.2	103	2.8	14
31	1.6	---	16	113	---	658	---	2.4	---	121	2.6	---
TOTAL	30.49	151.43	242.6	3346.8	9780	12107	21361	517.3	64.4	2390.9	1477.5	261.7
MEAN	.98	5.05	7.83	108	337	391	712	16.7	2.15	77.1	47.7	8.72
MAX	1.6	19	34	305	528	803	2390	94	5.6	185	321	21
MIN	.37	.20	2.4	4.8	79	86	127	2.2	1.2	1.2	2.2	2.5
CFSM	.002	.01	.02	.21	.65	.75	1.37	.03	.004	.15	.09	.02
IN.	.00	.01	.02	.24	.70	.87	1.53	.04	.00	.17	.11	.02
CAL YR 1987 TOTAL	172617.57			MEAN 473	MAX 11000	MIN .20	CFSM .91	IN 12.35				
WTR YR 1988 TOTAL	51731.12			MEAN 141	MAX 2390	MIN .20	CFSM .27	IN 3.70				

U2481880 PEARL RIVER AT BURNSIDE, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.50	4.85	5.30	5.26	6.24	6.87	11.19	6.41	4.48	4.70	6.41	---
2	4.48	4.88	5.32	5.04	6.08	6.60	11.77	6.09	4.48	4.70	7.32	---
3	4.44	4.89	5.35	5.11	6.45	6.45	12.54	5.88	4.49	4.83	8.38	---
4	4.42	4.92	5.41	5.24	7.25	7.19	12.80	5.79	4.60	4.89	8.57	---
5	4.43	4.95	5.45	5.24	8.24	7.77	13.15	5.56	4.44	5.03	7.27	---
6	4.45	4.99	5.46	5.14	9.13	8.32	12.93	5.25	4.45	4.83	6.20	---
7	4.43	5.03	5.46	5.19	9.48	8.84	12.58	5.11	4.44	5.22	5.81	5.07
8	4.47	5.07	5.45	5.48	9.63	9.08	12.15	5.00	4.53	6.23	5.52	4.78
9	4.48	5.11	5.50	5.50	9.66	9.46	11.65	4.89	4.64	6.49	5.26	4.61
10	4.49	5.21	5.46	5.52	9.55	10.07	11.10	4.83	4.62	6.32	5.11	4.53
11	4.52	5.27	5.49	5.62	9.24	10.44	10.45	4.72	4.63	6.25	4.98	4.50
12	4.56	5.32	5.50	5.62	8.79	10.77	9.73	4.67	4.68	6.02	4.90	4.45
13	4.58	5.34	5.43	5.68	8.21	11.06	9.11	4.94	4.67	5.75	4.83	4.42
14	4.59	5.37	5.46	5.85	7.62	11.17	8.56	4.86	4.69	5.57	4.75	4.48
15	4.58	5.42	5.51	5.83	8.03	11.06	8.09	4.71	4.67	5.43	4.65	4.50
16	4.60	5.48	5.49	5.76	8.54	10.78	7.81	4.68	4.66	5.31	4.61	4.71
17	4.63	5.66	5.47	5.69	9.10	10.27	7.52	4.78	4.69	5.64	4.58	4.89
18	4.62	5.16	5.48	5.66	9.55	9.64	7.55	4.68	4.71	6.20	4.55	4.93
19	4.62	4.88	5.51	5.86	9.89	9.19	8.55	5.03	4.67	6.01	5.12	4.93
20	4.67	4.92	5.62	8.00	10.02	8.85	9.23	4.85	4.79	5.73	4.93	4.86
21	4.73	5.12	5.55	8.11	10.00	8.39	9.74	4.67	4.92	5.53	4.78	4.82
22	4.69	5.22	5.51	8.44	9.91	7.92	9.94	4.61	4.80	5.76	4.74	4.78
23	4.67	5.28	5.42	8.43	9.73	7.55	9.96	4.60	4.70	6.22	4.62	4.73
24	4.72	5.30	5.57	8.28	9.48	7.30	9.84	4.67	4.68	6.55	---	4.66
25	4.75	5.33	5.49	8.04	9.13	7.45	9.60	4.81	4.70	7.01	---	4.59
26	4.77	5.38	5.42	7.93	8.63	8.37	9.28	4.61	4.73	7.35	---	4.57
27	4.77	5.44	5.63	7.81	7.98	8.92	8.70	4.52	4.76	7.26	---	4.55
28	4.78	5.60	5.59	7.56	7.49	9.13	7.89	4.49	4.74	6.88	---	4.56
29	4.81	5.48	5.89	7.25	7.18	9.22	7.28	4.48	4.71	6.49	---	4.57
30	4.83	5.29	5.72	6.90	---	9.91	6.78	4.50	4.68	6.35	---	4.90
31	4.84	---	5.50	6.54	---	10.63	---	4.49	---	6.60	---	---
MEAN	4.61	5.21	5.50	6.37	8.63	8.99	9.92	4.94	4.65	5.91	---	---
MAX	4.84	5.66	5.89	8.44	10.02	11.17	13.15	6.41	4.92	7.35	---	---
MIN	4.42	4.85	5.30	5.04	6.08	6.45	6.78	4.48	4.44	4.70	---	---
CAL YR 1987	MEAN 7.12		MAX 15.71	MIN 4.27								

02482000 PEARL RIVER AT EDINBURG, MS

LOCATION.--Lat 32°47'55", long 89°20'10", in SW¼SW¼ 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.--60 years, 1,151 ft³/s, 17.29 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)
Apr. 4	2400	*3,160	*16.61				

Minimum discharge, 3.4 ft³/s, Oct. 23.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	4.1	75	179	251	348	1900	292	16	5.1	182	25
2	5.5	4.3	47	178	256	309	2400	240	15	6.1	273	19
3	5.0	4.4	34	153	293	305	2740	202	13	19	251	28
4	4.8	4.7	29	141	313	551	3000	176	13	24	297	72
5	4.6	5.1	28	128	364	571	3110	154	12	46	328	106
6	4.7	5.1	45	118	401	645	2900	138	12	101	312	108
7	4.7	5.0	73	131	426	634	2800	117	11	97	240	87
8	4.7	5.1	83	181	457	594	2620	98	11	50	176	71
9	4.6	6.4	84	172	489	905	2270	87	9.9	39	136	54
10	4.7	11	81	161	513	1080	1860	77	9.0	79	106	42
11	5.0	13	71	151	526	1110	1500	75	8.1	226	90	35
12	5.1	12	50	155	532	1140	1270	61	7.6	173	78	46
13	5.4	9.8	37	177	503	1150	1050	49	7.4	136	64	69
14	5.5	9.0	33	188	455	1100	817	42	7.4	99	51	27
15	6.2	11	31	177	704	1050	655	40	7.1	70	41	24
16	6.9	16	31	169	650	1010	543	40	6.7	50	33	26
17	7.3	126	29	162	719	965	467	37	6.6	225	25	28
18	7.3	153	31	164	716	926	513	33	6.4	415	21	26
19	6.1	132	31	302	754	865	681	28	6.4	339	18	28
20	4.4	80	103	626	760	746	687	25	6.4	262	19	27
21	3.7	38	145	513	760	648	703	27	7.4	183	81	26
22	3.5	24	168	532	746	563	691	33	7.8	173	145	39
23	3.5	18	149	514	718	489	684	38	6.7	171	185	33
24	3.5	15	134	469	670	427	682	37	6.9	160	153	25
25	3.6	13	121	432	624	530	661	47	7.6	152	101	21
26	3.8	12	119	398	575	682	621	48	7.1	165	65	17
27	3.9	23	195	374	521	711	564	41	6.5	182	45	14
28	4.0	124	279	354	464	720	498	31	6.0	189	31	13
29	4.0	126	232	329	412	669	425	26	5.5	189	25	13
30	4.1	101	191	300	---	981	353	23	5.0	238	20	14
31	4.1	---	181	271	---	1240	---	19	---	215	16	---
TOTAL	150.3	1111.0	2940	8299	15572	23664	39665	2381	258.5	4478.2	3608	1163
MEAN	4.85	37.0	94.8	268	537	763	1322	76.8	8.62	144	116	38.8
MAX	7.3	153	279	626	760	1240	3110	292	16	415	328	108
MIN	3.5	4.1	28	118	251	305	353	19	5.0	5.1	16	13
CFSM	.005	.04	.11	.30	.59	.84	1.46	.09	.01	.16	.13	.04
IN.	.01	.05	.12	.34	.64	.97	1.63	.10	.01	.18	.15	.05

CAL YR 1987 TOTAL 324240.5 MEAN 888 MAX 17800 MIN 3.5 CFSM .98 IN 13.34
WTR YR 1988 TOTAL 103290.0 MEAN 282 MAX 3110 MIN 3.5 CFSM .31 IN 4.25

02482000 PEARL RIVER AT EDINBURG, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.76	1.60	2.94	3.99	4.61	5.33	12.65	4.91	1.99	1.49	4.11	2.09
2	1.72	1.61	2.63	3.97	4.64	5.04	14.31	4.52	1.94	1.59	4.85	1.97
3	1.68	1.62	2.44	3.72	4.92	5.01	15.41	4.20	1.89	2.12	4.67	2.18
4	1.67	1.63	2.35	3.60	5.07	6.60	16.16	3.96	1.87	2.25	5.02	2.77
5	1.65	1.66	2.32	3.46	5.44	6.73	16.47	3.74	1.86	2.65	5.24	3.16
6	1.66	1.65	2.58	3.37	5.69	7.15	15.88	3.56	1.84	3.36	5.11	3.18
7	1.66	1.64	2.91	3.50	5.86	7.08	15.57	3.36	1.82	3.35	4.55	2.96
8	1.66	1.64	3.00	4.01	6.06	6.86	15.04	3.17	1.79	2.85	3.98	2.80
9	1.65	1.72	3.01	3.92	6.26	8.52	13.94	3.04	1.76	2.74	3.55	2.61
10	1.66	1.96	2.99	3.81	6.40	9.40	12.52	2.95	1.72	3.25	3.25	2.44
11	1.68	2.00	2.88	3.71	6.47	9.52	11.18	2.92	1.67	4.70	3.07	2.33
12	1.69	1.97	2.64	3.75	6.51	9.64	10.25	2.77	1.64	4.24	2.93	2.49
13	1.71	1.88	2.45	3.97	6.34	9.69	9.22	2.63	1.64	3.85	2.77	2.76
14	1.73	1.84	2.37	4.07	6.04	9.47	8.09	2.52	1.63	3.47	2.61	2.19
15	1.77	1.91	2.35	3.97	7.47	9.25	7.20	2.50	1.62	3.15	2.46	2.12
16	1.82	2.08	2.33	3.89	7.18	9.07	6.57	2.48	1.60	2.90	2.30	2.17
17	1.84	3.45	2.30	3.82	7.57	8.85	6.12	2.45	1.59	4.39	2.15	2.22
18	1.84	3.73	2.33	3.84	7.56	8.65	6.38	2.36	1.57	6.00	2.03	2.19
19	1.76	3.51	2.33	4.81	7.76	8.35	7.36	2.28	1.57	5.50	1.95	2.22
20	1.64	2.99	3.20	7.04	7.79	7.72	7.39	2.22	1.58	4.91	1.96	2.20
21	1.59	2.55	3.64	6.40	7.79	7.16	7.48	2.26	1.63	4.23	2.82	2.20
22	1.57	2.29	3.88	6.51	7.72	6.69	7.41	2.38	1.66	4.13	3.51	2.43
23	1.57	2.13	3.68	6.41	7.56	6.25	7.37	2.46	1.59	4.10	3.90	2.34
24	1.57	2.02	3.53	6.13	7.29	5.87	7.36	2.44	1.61	3.98	3.59	2.18
25	1.58	1.95	3.40	5.90	7.02	6.46	7.24	2.59	1.64	3.89	3.07	2.08
26	1.59	1.93	3.38	5.68	6.75	7.36	7.01	2.61	1.62	4.00	2.69	1.98
27	1.60	2.23	4.10	5.51	6.45	7.53	6.69	2.50	1.58	4.16	2.43	1.91
28	1.60	3.43	4.82	5.37	6.10	7.57	6.31	2.33	1.55	4.22	2.22	1.85
29	1.60	3.45	4.45	5.19	5.77	7.29	5.86	2.24	1.52	4.21	2.08	1.87
30	1.60	3.21	4.10	4.97	---	8.91	5.37	2.16	1.48	4.62	1.97	1.92
31	1.60	---	4.01	4.76	---	10.10	---	2.06	---	4.41	1.87	---
MEAN	1.67	2.24	3.08	4.61	6.49	7.71	9.86	2.86	1.68	3.70	3.18	2.33
MAX	1.84	3.73	4.82	7.04	7.79	10.10	16.47	4.91	1.99	6.00	5.24	3.18
MIN	1.57	1.60	2.30	3.37	4.61	5.01	5.37	2.06	1.48	1.49	1.87	1.85
CAL YR 1987	MEAN	6.19	MAX	25.06	MIN	1.57						
WTR YR 1988	MEAN	4.11	MAX	16.47	MIN	1.48						

U2482550 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. 10-13, Dec. 26 to Jan. 8, June 6 to July 1. Records good except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--26 years, 1,964 ft³/s, 19.82 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, 1.63 ft, July 2, 1988.

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, 5,160 ft³/s, Apr. 6, gage height, 15.58, minimum, 42 ft³/s, July 3, gage height, 1.63 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54	40	223	365	350	493	3200	480	94	43	287	72
2	53	40	186	360	360	435	4290	415	86	43	290	70
3	52	40	155	315	429	446	5000	361	80	50	348	79
4	51	41	134	288	727	1020	5010	320	75	81	407	113
5	50	40	119	265	902	1180	5090	290	71	107	398	203
6	49	40	110	245	978	1190	5090	264	68	172	399	218
7	48	40	109	260	1010	1190	4780	240	65	176	364	218
8	48	40	125	328	1000	1180	4380	218	62	170	298	188
9	47	40	134	367	857	1540	3890	213	60	134	240	156
10	47	46	135	357	676	2070	3050	205	59	116	203	132
11	46	85	137	327	638	2040	2300	197	57	198	180	115
12	46	87	130	304	641	1950	1840	178	55	278	165	104
13	45	68	118	313	650	1890	1580	160	53	249	147	105
14	45	60	109	366	625	1730	1370	146	52	216	129	162
15	44	57	111	373	972	1470	1150	136	52	205	114	117
16	44	58	114	349	1310	1290	958	127	50	172	102	99
17	43	113	109	318	1340	1180	808	120	48	149	90	106
18	43	215	107	301	1370	1120	776	114	46	408	80	111
19	43	208	110	385	1440	1100	1090	107	45	495	73	100
20	43	191	158	875	1440	1030	1230	100	46	439	76	94
21	42	161	250	958	1380	917	1260	95	48	375	115	135
22	41	128	287	860	1240	799	1260	94	53	304	325	126
23	41	106	264	783	1080	696	1240	101	54	270	261	129
24	40	96	237	668	937	611	1230	116	49	251	238	126
25	40	88	213	581	824	675	1080	136	50	234	208	107
26	40	81	250	523	745	1040	922	154	52	225	169	92
27	40	81	350	478	678	1060	823	172	49	237	135	84
28	40	133	570	470	616	1040	731	161	45	251	112	89
29	40	225	520	440	555	963	644	135	44	252	94	87
30	40	257	420	401	---	1550	561	115	43	256	83	82
31	40	---	375	371	---	2290	---	103	---	297	77	---
TOTAL	1385	2905	6369	13594	25770	37185	66633	5773	1711	6853	6207	3619
MEAN	44.7	96.8	205	439	889	1200	2221	186	57.0	221	200	121
MAX	54	257	570	958	1440	2290	5090	480	94	495	407	218
MIN	40	40	107	245	350	435	561	94	43	43	73	70
CFSM	.03	.07	.15	.33	.66	.89	1.65	.14	.04	.16	.15	.09
IN.	.04	.08	.18	.38	.71	1.03	1.84	.16	.05	.19	.17	.10
CAL YR 1987 TOTAL	518583	MEAN	1421	MAX	21200	MIN 40	CFSM 1.06	IN 14.33				
WTR YR 1988 TOTAL	178004	MEAN	486	MAX	5090	MIN 40	CFSM .36	IN 4.92				

PEARL RIVER BASIN

02482550 PEARL RIVER NEAR CARTHAGE, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.05	1.88	3.85	---	4.91	5.71	12.78	5.42	2.55	---	4.02	2.01
2	2.04	1.87	3.55	---	4.97	5.40	14.40	5.07	2.45	1.64	4.04	1.99
3	2.03	1.87	3.28	---	5.36	5.46	15.38	4.75	2.36	1.76	4.42	2.11
4	2.01	1.88	3.08	---	6.78	7.87	15.39	4.50	2.29	2.20	4.76	2.51
5	1.99	1.87	2.92	---	7.47	8.43	15.49	4.31	2.23	2.51	4.72	3.34
6	1.98	1.87	2.83	---	7.75	8.46	15.49	4.13	---	3.16	4.72	3.41
7	1.98	1.87	2.81	---	7.86	8.48	15.09	3.95	---	3.19	4.51	3.41
8	1.97	1.86	2.99	---	7.83	8.45	14.56	3.78	---	3.14	4.10	3.17
9	1.96	1.86	3.08	5.01	7.30	9.44	13.86	3.74	---	2.79	3.69	2.88
10	1.96	---	3.09	4.95	6.57	10.69	12.52	3.68	---	2.59	3.40	2.66
11	1.95	---	3.11	4.77	6.40	10.62	11.15	3.62	---	3.34	3.21	2.48
12	1.94	---	3.03	4.62	6.42	10.43	10.18	3.45	---	3.96	3.08	2.36
13	1.94	---	2.91	4.68	6.46	10.30	9.54	3.30	---	3.76	2.91	2.36
14	1.93	2.19	2.82	5.00	6.34	9.94	8.91	3.17	---	3.51	2.74	2.94
15	1.93	2.15	2.83	5.05	7.70	9.27	8.20	3.06	---	3.42	2.58	2.49
16	1.92	2.15	2.87	4.90	8.82	8.77	7.49	2.98	---	3.14	2.45	2.30
17	1.91	2.85	2.82	4.71	8.91	8.44	6.89	2.90	---	2.93	2.30	2.38
18	1.91	3.80	2.79	4.59	8.99	8.24	6.76	2.83	---	4.69	2.17	2.43
19	1.91	3.74	2.82	5.06	9.20	8.18	7.98	2.76	---	5.24	2.08	2.31
20	1.91	3.61	3.30	7.36	9.19	7.94	8.49	2.68	---	4.94	2.12	2.24
21	1.90	3.34	4.04	7.68	9.02	7.53	8.57	2.62	---	4.58	2.53	2.68
22	1.89	3.02	4.32	7.31	8.63	7.08	8.57	2.61	---	4.14	4.23	2.59
23	1.89	2.79	4.35	7.01	8.12	6.65	8.52	2.69	---	3.91	3.79	2.62
24	1.88	2.66	4.14	6.53	7.60	6.28	8.47	2.85	---	3.77	3.63	2.59
25	1.88	2.56	3.96	6.14	7.18	6.54	7.96	3.05	---	3.65	3.40	2.38
26	1.88	2.47	---	5.86	6.86	7.95	7.35	3.21	---	3.58	3.07	2.21
27	1.88	2.47	---	5.63	6.58	8.04	6.95	3.36	---	3.66	2.75	2.12
28	1.88	3.05	---	5.59	6.30	7.98	6.58	3.27	---	3.77	2.50	2.18
29	1.88	3.85	---	5.42	6.01	7.69	6.21	3.02	---	3.78	2.30	2.16
30	1.88	4.11	---	5.21	---	9.46	5.83	2.80	---	3.81	2.16	2.09
31	1.88	---	---	5.03	---	11.15	---	2.67	---	4.09	2.08	---
MEAN	1.93	---	---	---	7.29	8.29	10.19	3.43	---	---	3.24	2.51
MAX	2.05	---	---	---	9.20	11.15	15.49	5.42	---	---	4.76	3.41
MIN	1.88	---	---	---	4.91	5.40	5.83	2.61	---	---	2.08	1.99

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: May 1 to June 10, June 17 to July 1. Records fair except for estimated daily discharges, which are poor. Discharge computed by combining flow of individually rated channels. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--50 years, 536 ft³/s, 17.71 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)
Apr. 4	1145	*8,000	*26.47	No other peak greater than base discharge.			

Minimum daily discharge, 10 ft³/s, Oct. 4-7, 12.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	23	44	37	36	112	2370	78	20	14	38	23
2	12	23	31	42	120	105	4090	64	18	20	30	24
3	11	23	26	47	415	305	5860	57	42	25	63	29
4	10	23	24	44	553	1510	7770	49	36	38	45	76
5	10	23	23	39	548	1400	5620	43	26	47	28	433
6	10	24	24	32	323	1210	1310	46	20	114	22	413
7	10	25	23	35	182	680	461	36	18	108	19	181
8	11	25	24	87	115	341	299	35	16	43	18	71
9	11	26	28	109	89	466	229	35	14	30	16	37
10	12	32	31	71	68	836	184	49	14	36	17	28
11	13	39	30	50	60	710	162	74	13	95	18	24
12	10	38	31	43	88	461	181	56	17	72	19	23
13	11	37	31	47	106	322	200	45	21	43	32	23
14	12	38	31	66	95	258	163	37	16	30	32	32
15	11	41	48	56	1050	184	132	31	15	22	34	30
16	11	50	67	46	1530	148	112	27	15	20	24	30
17	12	82	50	39	1200	123	96	26	15	18	19	49
18	14	83	42	35	787	142	157	25	18	29	17	40
19	13	41	40	133	884	249	525	25	22	71	16	32
20	11	20	134	545	785	241	662	24	25	34	21	27
21	11	15	229	553	545	189	455	22	27	37	332	24
22	12	13	218	244	361	153	253	21	21	362	740	21
23	14	13	127	141	262	132	316	21	19	257	623	22
24	14	15	74	94	209	128	1720	23	19	87	311	25
25	14	25	51	72	173	354	2170	21	15	38	124	25
26	17	28	45	61	148	974	1370	24	16	30	65	23
27	20	34	158	48	136	809	431	22	14	28	45	20
28	22	61	255	39	132	508	187	21	13	28	37	19
29	22	122	169	35	127	289	122	23	12	27	31	24
30	23	80	75	32	---	893	93	27	13	95	27	30
31	22	---	46	31	---	1540	---	26	---	80	23	---
TOTAL	418	1122	2229	2953	11127	15772	37700	1113	570	1978	2886	1858
MEAN	13.5	37.4	71.9	95.3	384	509	1257	35.9	19.0	63.8	93.1	61.9
MAX	23	122	255	553	1530	1540	7770	78	42	362	740	433
MIN	10	13	23	31	36	105	93	21	12	14	16	19
CFSM	.03	.09	.18	.23	.93	1.24	3.06	.09	.05	.16	.23	.15
IN.	.04	.10	.20	.27	1.01	1.43	3.41	.10	.05	.18	.26	.17

PEARL RIVER BASIN

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.07	11.33	11.50	11.35	11.08	11.34	22.15		---	---	11.03	10.69
2	11.11	11.32	11.35	11.39	11.79	11.27	24.62		---	10.73	10.88	10.73
3	11.10	11.37	11.28	11.44	13.53	12.57	25.80		---	10.81	11.30	10.81
4	11.06	11.39	11.24	11.38	14.28	18.82	26.40		---	10.89	10.96	11.26
5	11.06	11.41	11.23	11.34	14.30	17.47	25.56		---	10.91	10.77	13.11
6	11.08	11.43	11.25	11.22	13.11	16.50	18.50		---	11.59	10.70	13.08
7	11.07	11.45	11.22	11.24	12.28	14.63	13.91		---	11.35	10.62	12.09
8	11.09	11.44	11.23	11.74	11.86	12.96	12.92		---	10.92	10.62	11.39
9	11.10	11.50	11.27	11.89	11.67	13.81	12.45		---	10.78	10.57	11.02
10	11.11	11.58	11.30	11.60	11.47	15.62	12.19		---	10.82	10.60	10.89
11	11.17	11.69	11.31	11.45	11.40	14.89	12.03		10.58	11.42	10.64	10.81
12	11.12	11.68	11.35	11.40	11.63	13.64	12.19		10.69	11.35	10.68	10.75
13	11.13	11.68	11.37	11.46	11.77	12.93	12.38		10.80	11.04	10.86	10.72
14	11.13	11.69	11.35	11.67	11.61	12.49	12.06		10.64	10.87	10.80	10.89
15	11.11	11.72	11.49	11.57	16.61	12.05	11.79		10.61	10.76	10.83	10.86
16	11.12	11.80	11.80	11.42	18.41	11.78	11.60		10.58	10.69	10.65	10.82
17	11.14	12.09	11.63	11.34	16.87	11.59	11.44		---	10.66	10.52	11.10
18	11.21	12.25	11.51	11.28	15.19	11.75	11.94		---	10.85	10.49	10.98
19	11.13	11.72	11.49	12.13	15.66	12.53	14.04		---	11.44	10.46	10.88
20	11.09	11.37	11.96	14.45	14.95	12.46	14.56		---	10.95	10.60	10.80
21	11.11	11.22	12.76	14.59	13.76	12.01	13.41		---	10.95	13.02	10.74
22	11.14	11.18	12.73	12.87	12.87	11.79	12.45		---	14.05	16.04	10.70
23	11.16	11.15	12.17	12.13	12.30	11.67	12.88		---	13.27	15.06	10.71
24	11.17	11.17	11.71	11.74	12.01	11.62	19.78		---	11.56	13.38	10.79
25	11.19	11.24	11.54	11.52	11.79	12.95	21.12		---	10.99	11.91	10.79
26	11.22	11.30	11.47	11.40	11.62	15.93	17.54		---	10.89	11.29	10.72
27	11.23	11.34	12.18	11.26	11.51	15.09	13.30		---	10.88	11.02	10.64
28	11.28	11.75	12.98	11.14	11.50	13.80	11.99		---	10.89	10.88	10.60
29	11.28	12.38	12.37	11.07	11.46	12.63	11.59		---	10.88	10.80	10.69
30	11.30	11.92	11.71	11.02	---	16.13	11.38		---	11.74	10.75	10.84
31	11.33	---	11.46	11.00	---	18.90	---		---	11.50	10.71	---
MEAN	11.15	11.55	11.65	11.69	13.04	13.67	15.47		---	---	11.27	11.03
MAX	11.33	12.38	12.98	14.59	18.41	18.90	26.40		---	---	16.04	13.11
MIN	11.06	11.15	11.22	11.00	11.08	11.27	11.38		---	---	10.46	10.60

CAL YR 1987 MEAN 12.81 MAX 27.87 MIN 10.38

PEARL RIVER BASIN

99

02484000 YOCKANOOKANY RIVER NEAR KOSCIUSKO, MS

LOCATION.--Lat 33°01'55", long 89°34'40", in NE1/4 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 Yokanockany 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.--Estimated daily discharges: Jan. 8-10 and June 28-29. Records good. Telemeter at station.

AVERAGE DISCHARGE.--50 years, 439 ft³/s, 19.68 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)
Dec. 28	1600	*3,280	*13.04	Apr. 3	0400	3,150	12.94
Feb. 5	0700	3,250	13.02				

Minimum discharge, 5.4 ft³/s, Oct. 5.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	8.7	51	362	104	104	2320	53	18	7.8	51	8.6
2	6.8	9.7	40	422	696	95	2560	48	17	19	78	8.4
3	6.2	9.4	34	310	2490	276	2950	44	16	18	44	24
4	6.2	8.9	30	224	2930	792	2490	40	15	226	28	141
5	6.3	9.2	28	171	3090	757	2020	39	15	63	23	129
6	6.5	10	27	137	1830	417	917	39	15	37	19	48
7	6.3	9.7	27	198	449	267	538	33	14	27	17	27
8	6.3	11	29	329	248	214	336	30	13	20	15	19
9	6.5	15	26	249	198	675	216	30	13	17	13	15
10	6.5	37	27	190	163	1020	160	27	13	17	16	13
11	7.0	53	26	163	162	716	139	24	12	20	18	12
12	8.1	35	25	222	253	413	366	22	11	25	13	12
13	9.5	21	27	323	237	322	569	21	11	32	11	28
14	8.9	16	26	372	220	257	328	19	10	27	10	46
15	8.8	16	35	250	1180	190	192	18	10	21	9.1	20
16	8.6	56	42	185	1660	157	134	17	9.9	15	8.5	20
17	8.4	201	39	164	1410	155	106	16	9.7	25	8.7	100
18	8.3	149	32	204	789	156	313	15	10	34	9.5	61
19	7.7	59	30	230	620	220	1190	15	10	45	9.8	35
20	7.2	34	79	601	598	197	1000	16	9.9	51	10	23
21	6.6	25	109	461	412	163	453	15	10	32	13	20
22	6.5	20	90	275	279	165	227	15	10	52	16	18
23	6.8	18	67	189	212	129	159	17	10	43	13	14
24	8.0	18	52	153	181	110	134	72	9.9	30	15	12
25	14	18	46	135	154	213	111	71	9.6	24	16	118
26	11	23	86	118	138	468	95	54	9.5	22	26	57
27	11	87	1060	104	132	311	98	41	9.1	22	18	41
28	12	182	2740	97	120	198	75	31	8.8	21	11	25
29	8.5	185	2410	92	111	158	63	26	8.1	20	19	20
30	7.9	78	1410	87	---	565	57	22	7.2	48	13	17
31	8.5	---	419	88	---	1720	---	20	---	68	9.8	---
TOTAL	247.8	1422.6	9169	7105	21066	11600	20316	950	344.7	1128.8	581.4	1132.0
MEAN	7.99	47.4	296	229	726	374	677	30.6	11.5	36.4	18.8	37.7
MAX	14	201	2740	601	3090	1720	2950	72	18	226	78	141
MIN	6.2	8.7	25	87	104	95	57	15	7.2	7.8	8.5	8.4
CFSM	.03	.16	.98	.76	2.40	1.23	2.23	.10	.04	.12	.06	.12
IN.	.03	.17	1.13	.87	2.59	1.42	2.49	.12	.04	.14	.07	.14
CAL YR 1987	TOTAL	110124.5	MEAN 302	MAX 4550	MIN 6.2	CFSM 1.00	IN 13.52					
WTR YR 1988	TOTAL	75063.3	MEAN 205	MAX 3090	MIN 6.2	CFSM .68	IN 9.22					

PEARL RIVER BASIN

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS

LOCATION.--Lat 32°42'20", long 89°40'20", in NE1NW1 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 306.15 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to June 10, 1988, at datum 5.00 ft. higher. Prior to Sept. 5, 1962, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: June 10 to July 4 and Aug. 13-18. Records good except for periods of sluggish intakes, Apr. 23 to May 23 and May 27 to June 10, which are fair, and for estimated daily discharges, which are poor. National Weather Service satellite telemeter at station.

AVERAGE DISCHARGE.--45 years, 689 ft³/s, 19.95 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 46,500 ft³/s, Apr. 14, 1979, gage height, 28.27 ft; minimum, 4.9 ft³/s, Aug. 20, Sept. 11, 1954.

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)
Apr. 3	2300	*3,960	*19.70	No other peak greater than base discharge.			

Minimum discharge, 7.4 ft³/s, Oct. 5.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	32	205	1870	144	191	1800	111	27	14	36	17
2	12	31	131	1720	154	175	2280	97	26	14	54	17
3	9.5	30	86	1140	252	179	3700	87	24	14	47	17
4	8.3	30	68	714	683	210	3830	79	23	18	52	21
5	7.9	31	56	572	1380	356	3250	74	22	21	45	22
6	10	31	49	468	2140	512	2860	69	21	103	32	84
7	11	32	46	355	2570	746	2560	63	21	107	27	108
8	11	32	42	294	2580	811	2070	61	20	46	24	60
9	11	34	41	326	1990	867	1430	56	20	31	23	34
10	11	39	42	383	1110	860	884	51	19	26	22	26
11	14	45	42	385	535	857	540	52	19	24	22	23
12	17	71	40	329	360	1020	360	50	18	24	21	21
13	16	78	40	297	328	1140	299	46	18	29	19	21
14	14	76	40	334	363	957	364	43	17	25	18	22
15	20	59	39	379	770	637	471	41	17	31	17	30
16	19	55	41	408	954	443	535	38	16	31	16	42
17	19	79	44	398	1080	314	421	35	16	29	15	37
18	19	103	60	334	1420	259	285	33	17	25	15	30
19	17	186	62	328	1770	260	343	32	17	23	16	58
20	18	187	74	531	1790	266	526	31	17	25	16	67
21	17	119	71	488	1480	293	810	31	16	33	17	41
22	17	72	106	493	1100	270	1130	30	17	42	19	32
23	19	52	137	564	847	234	1110	30	17	33	22	26
24	19	41	126	559	618	218	690	31	16	35	21	24
25	18	36	104	411	435	280	384	34	16	39	20	22
26	19	34	88	287	325	482	256	71	16	31	18	20
27	21	39	106	233	265	466	204	82	15	25	17	61
28	31	49	291	200	231	497	169	59	15	24	19	62
29	32	94	487	182	212	484	151	44	15	24	23	48
30	34	174	733	158	---	564	130	35	15	25	20	36
31	32	---	1310	148	---	1510	---	30	---	40	17	---
TOTAL	538.7	1971	4807	15288	27886	16358	33842	1626	553	1011	750	1129
MEAN	17.4	65.7	155	493	962	528	1128	52.5	18.4	32.6	24.2	37.6
MAX	34	187	1310	1870	2580	1510	3830	111	27	107	54	108
MIN	7.9	30	39	148	144	175	130	30	15	14	15	17
CFSM	.04	.14	.33	1.05	2.05	1.13	2.41	.11	.04	.07	.05	.08
IN.	.04	.16	.38	1.21	2.21	1.30	2.68	.13	.04	.08	.06	.09

CAL YR 1987 TOTAL 174606.7 MEAN 478 MAX 5150 MIN 7.9 CFSM 1.02 IN 13.85
WTR YR 1988 TOTAL 105759.7 MEAN 289 MAX 3830 MIN 7.9 CFSM .62 IN 8.39

PEARL RIVER BASIN

101

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.53	.87	2.69	10.44	2.33	2.92	10.22	2.12	.78	---	5.90	5.38
2	.47	.85	2.04	10.02	2.42	2.77	11.54	1.95	.73	---	6.28	5.36
3	.41	.84	1.59	7.94	3.20	2.81	14.31	1.82	.68	---	6.14	5.36
4	.38	.85	1.37	6.01	5.82	3.07	14.51	1.72	.64	---	6.23	5.49
5	.37	.86	1.23	5.26	8.87	4.12	13.64	1.63	.61	5.57	6.09	5.55
6	.44	.86	1.14	4.66	11.22	5.05	12.92	1.55	.60	6.93	5.80	6.73
7	.47	.88	1.09	3.95	12.30	6.24	12.30	1.46	.58	7.05	5.67	7.08
8	.47	.87	1.04	3.53	12.34	6.55	11.03	1.42	.55	6.12	5.61	6.38
9	.47	.91	1.01	3.75	10.77	6.79	8.97	1.34	.55	5.79	5.56	5.86
10	.48	.99	1.03	4.13	7.76	6.77	6.85	1.25	---	5.66	5.53	5.67
11	.53	1.08	1.03	4.15	5.17	6.75	5.21	1.26	---	5.60	5.53	5.56
12	.59	1.41	1.00	3.78	4.15	7.45	4.15	1.23	---	5.59	5.52	5.49
13	.59	1.49	1.01	3.55	3.95	7.91	3.75	1.16	---	5.74	---	5.50
14	.55	1.47	1.00	3.81	4.17	7.17	4.18	1.09	---	5.64	---	5.53
15	.67	1.27	.99	4.11	6.32	5.71	4.83	1.04	---	5.79	---	5.77
16	.63	1.21	1.01	4.29	7.17	4.66	5.19	.98	---	5.79	---	6.04
17	.64	1.50	1.07	4.23	7.69	3.85	4.53	.92	---	5.73	---	5.92
18	.64	1.75	1.27	3.81	8.96	3.46	3.64	.88	---	5.64	---	5.76
19	.61	2.53	1.30	3.76	10.14	3.47	4.03	.85	---	5.57	5.34	6.30
20	.62	2.53	1.44	5.03	10.19	3.51	5.13	.82	---	5.61	5.34	6.49
21	.61	1.93	1.41	4.78	9.15	3.71	6.53	.81	---	5.84	5.35	6.02
22	.60	1.42	1.80	4.81	7.77	3.54	7.89	.79	---	6.04	5.42	5.80
23	.65	1.17	2.10	5.21	6.70	3.27	7.78	.79	---	5.84	5.53	5.66
24	.65	1.02	1.99	5.19	5.62	3.14	5.96	.82	---	5.89	5.52	5.60
25	.62	.94	1.77	4.31	4.62	3.57	4.30	.89	---	5.97	5.45	5.54
26	.63	.91	1.61	3.48	3.92	4.89	3.43	1.57	---	5.77	5.39	5.47
27	.69	.98	1.80	3.08	3.50	4.80	3.03	1.78	---	5.64	5.37	6.34
28	.86	1.13	3.31	2.82	3.24	4.98	2.72	1.43	---	5.60	5.42	6.43
29	.88	1.65	4.60	2.66	3.09	4.90	2.56	1.16	---	5.59	5.56	6.15
30	.91	2.43	5.92	2.46	---	5.30	2.34	.96	---	5.61	5.47	5.89
31	.87	---	8.48	2.36	---	9.25	---	.84	---	6.00	5.37	---
MEAN	.60	1.29	1.94	4.56	6.64	4.92	6.92	1.24	---	---	---	5.87
MAX	.91	2.53	8.46	10.44	12.34	9.25	14.51	2.12	---	---	---	7.08
MIN	.37	.84	.99	2.36	2.33	2.77	2.34	.79	---	---	---	5.36

PEARL RIVER BASIN

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, 15.45 ft, Apr. 4, 5, minimum, 4.13 ft, Sept. 30.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.79		---	6.05	5.48	5.49	10.70	5.98	5.43	4.50	4.42	4.20
2	5.78		---	6.18	5.47	5.45	12.01	5.98	5.43	4.48	4.41	4.18
3	5.63		---	5.96	5.47	5.53	13.71	6.03	5.41	4.44	4.40	4.24
4	5.64		---	5.57	5.74	6.08	15.25	6.00	5.26	4.37	4.41	4.32
5	5.64		---	5.32	6.29	7.51	15.39	5.91	5.21	4.36	4.42	4.29
6	5.61		---	5.19	6.88	7.63	15.07	5.91	5.24	4.40	4.41	4.39
7	5.55		---	5.24	7.31	7.36	14.01	5.90	5.25	4.42	4.41	4.46
8	5.49		---	5.27	7.57	6.97	11.81	5.96	5.25	4.43	4.38	4.40
9	5.46		---	5.29	7.45	6.87	10.25	5.95	5.24	4.42	4.31	4.32
10	5.43		---	5.35	6.73	7.59	9.15	5.88	5.09	4.41	4.36	4.27
11	5.40		---	5.39	6.00	8.07	8.11	5.85	5.05	4.47	4.35	4.38
12	5.32		---	5.40	5.73	7.91	7.27	5.85	5.06	4.48	4.30	4.39
13	5.29		---	5.39	5.71	7.66	6.82	5.85	5.02	4.48	4.29	4.38
14	5.27		---	5.41	5.82	7.39	6.63	5.82	4.99	4.44	4.28	4.36
15	5.25		---	5.48	6.21	6.96	6.47	5.81	4.97	4.42	4.26	4.36
16	5.23		4.43	5.54	7.31	6.54	6.26	5.80	4.95	4.41	4.19	4.39
17	5.20		4.42	5.54	7.79	6.23	6.13	5.75	4.92	4.36	4.21	4.40
18	5.17		4.41	5.48	7.80	6.11	6.13	5.70	4.87	4.34	4.21	4.40
19	5.17		4.47	5.57	7.93	6.15	6.23	5.69	4.87	4.40	4.18	4.42
20	5.12		4.55	5.90	8.18	6.30	6.62	5.66	4.82	4.49	4.18	4.39
21	5.05		4.58	6.32	7.95	6.32	6.92	5.68	4.83	4.42	4.25	4.35
22	5.02		4.72	6.25	7.40	6.23	7.13	5.73	4.78	4.38	4.40	4.35
23	5.00		4.76	6.04	6.81	6.13	7.15	5.75	4.74	4.44	4.64	4.35
24	4.98		4.80	5.92	6.33	6.07	7.08	5.62	4.73	4.41	4.65	4.35
25	4.96		4.81	5.76	6.01	6.15	7.71	5.55	4.70	4.42	4.53	4.26
26	4.98		4.75	5.63	5.83	6.77	7.94	5.51	4.67	4.41	4.47	4.21
27	---		4.85	5.58	5.74	7.26	7.25	5.53	4.64	4.39	4.43	4.16
28	---		5.07	5.58	5.64	7.06	6.32	5.52	4.57	4.37	4.39	4.17
29	---		5.26	5.58	5.58	6.67	6.09	5.49	4.56	4.37	4.32	4.17
30	---		5.43	5.55	---	6.99	6.01	5.48	4.56	4.37	4.27	4.13
31	---		5.71	5.51	---	9.21	---	5.44	---	4.40	4.24	---
MEAN	---		---	5.62	6.56	6.80	8.79	5.76	4.97	4.42	4.35	4.31
MAX	---		---	6.32	8.18	9.21	15.39	6.03	5.43	4.50	4.65	4.46
MIN	---		---	5.19	5.47	5.45	6.01	5.44	4.56	4.34	4.18	4.13

PEARL RIVER BASIN

103

U2485700 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 U3180002, 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: Mar. 14-17. Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,320 ft³/s, Apr. 29, 1953, gage height, 26.0 ft; minimum, 0.01 ft³/s, Nov. 16, 1987 and Sept. 19, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,340 ft³/s, Apr. 2, gage height, 15.91 ft; minimum, 0.01 ft³/s, Nov. 16, Sept. 19.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.5	.60	29	3.7	1.8	211	1.3	1.2	1.0	7.2	.56
2	1.0	1.4	.53	8.8	23	5.2	728	1.3	2.5	1.1	.89	12
3	.94	1.0	.53	3.0	19	25	37	1.4	39	1.1	.53	82
4	1.3	.75	.65	2.4	7.4	24	13	1.6	1.4	.87	.63	24
5	.91	.62	.69	1.8	2.3	6.5	4.6	2.1	.81	6.3	.57	1.4
6	.69	.77	.52	1.1	1.3	3.1	3.2	2.9	1.0	3.5	.58	.51
7	.66	1.1	.30	45	1.6	2.4	1.3	3.3	.95	1.1	1.3	.53
8	.80	.75	.54	11	.49	53	.69	2.9	.68	.66	.96	.57
9	.99	9.2	.51	3.0	.72	166	.65	2.6	.49	.55	1.3	.71
10	.95	6.3	.52	1.1	1.5	31	.39	3.0	.57	9.8	3.7	5.4
11	.83	.91	.54	.80	30	6.6	1.4	8.5	.48	1.3	1.5	1.9
12	1.0	.41	.50	1.7	12	7.5	2.7	8.0	.51	.75	1.2	35
13	1.0	.39	.45	16	2.8	5.8	.61	3.3	.50	.53	1.0	13
14	1.1	.68	.45	3.6	51	2.5	.25	1.8	.51	.58	1.1	.61
15	1.2	.08	.44	1.2	150	2.0	.37	2.3	.53	.77	1.0	.23
16	1.2	64	.32	.68	12	1.5	.28	2.3	.44	.95	1.1	.17
17	1.1	16	.48	.40	5.3	8.0	.70	2.1	.50	.89	.94	.14
18	1.1	2.2	.57	.32	193	30	73	2.0	.52	.91	.94	.08
19	1.0	.69	27	14	49	14	17	2.1	.48	1.3	1.2	.01
20	1.2	.91	21	8.0	14	3.1	3.1	2.3	.51	1.8	7.7	1.9
21	1.1	1.6	22	2.2	5.9	1.8	2.0	2.1	.91	2.9	42	.36
22	1.0	1.4	2.3	1.0	3.9	1.2	2.3	5.1	.60	2.3	2.2	.41
23	1.1	1.1	.61	.64	5.3	.75	146	4.3	.64	2.5	.58	.49
24	.93	1.6	.31	.51	2.6	1.2	23	2.8	.64	2.6	.62	.53
25	.91	1.5	.27	.31	2.3	327	5.2	1.7	.81	3.0	.58	.67
26	3.0	12	26	1.1	2.3	34	2.6	1.7	.39	3.7	.77	.75
27	.72	4.9	56	.95	11	6.8	1.4	1.8	.41	1.7	.73	.85
28	1.0	18	20	1.0	4.1	2.2	1.7	1.8	.46	1.8	9.0	.67
29	1.2	1.0	2.5	1.3	2.4	4.9	1.4	1.3	.63	4.8	3.3	.72
30	1.4	.32	.86	1.6	---	598	1.4	.90	.83	3.5	.57	27
31	1.5	---	7.9	1.8	---	256	---	.75	---	17	.43	---
TOTAL	34.23	153.08	195.89	165.31	619.91	1632.85	1286.24	81.35	59.90	81.56	96.12	213.17
MEAN	1.10	5.10	6.32	5.33	21.4	52.7	42.9	2.62	2.00	2.63	3.10	7.11
MAX	3.0	64	56	45	193	598	728	8.5	39	17	42	82
MIN	.66	.08	.27	.31	.49	.75	.25	.75	.39	.53	.43	.01
CF5M	.07	.30	.38	.32	1.27	3.14	2.55	.16	.12	.16	.19	.42
IN.	.08	.34	.43	.37	1.37	3.62	2.85	.18	.13	.18	.21	.47
CAL YR 1987 TOTAL	7666.69			MEAN 21.0	MAX 900	MIN .08	CF5M 1.25	IN 16.98				
WTR YR 1988 TOTAL	4619.61			MEAN 12.6	MAX 728	MIN .01	CF5M .75	IN 10.23				

PEARL RIVER BASIN

U2485700 HANGING MOSS CREEK AT JACKSON, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.12	8.12	8.20	8.85	8.43	8.27	9.67	8.27	8.42	8.30	8.45	8.17
2	8.10	8.11	8.20	8.57	8.79	8.32	11.39	8.28	8.46	8.31	8.22	8.41
3	8.09	8.08	8.21	8.41	8.75	8.80	8.96	8.29	8.81	8.30	8.18	9.08
4	8.13	8.05	8.24	8.38	8.56	8.80	8.63	8.31	8.33	8.29	8.19	8.77
5	8.10	8.04	8.25	8.35	8.37	8.46	8.40	8.35	8.28	8.43	8.18	8.29
6	8.09	8.05	8.24	8.30	8.31	8.34	8.34	8.39	8.30	8.44	8.19	8.22
7	8.08	8.08	8.22	9.01	8.32	8.30	8.23	8.42	8.29	8.31	8.23	8.22
8	8.11	8.05	8.27	8.63	8.23	8.79	8.18	8.40	8.27	8.26	8.22	8.22
9	8.13	8.26	8.28	8.41	8.26	9.82	8.17	8.39	8.24	8.25	8.24	8.24
10	8.13	8.29	8.29	8.30	8.32	8.92	8.14	8.42	8.25	8.44	8.34	8.36
11	8.12	8.07	8.30	8.27	8.85	8.56	8.19	8.59	8.24	8.26	8.27	8.31
12	8.14	8.01	8.31	8.28	8.63	8.56	8.30	8.59	8.25	8.21	8.24	8.61
13	8.15	8.01	8.31	8.71	8.40	8.54	8.17	8.44	8.24	8.19	8.23	8.58
14	8.16	8.03	8.30	8.43	8.67	---	8.11	8.38	8.25	8.19	8.23	8.23
15	8.17	7.90	8.30	8.30	9.57	---	8.13	8.41	8.25	8.22	8.23	8.17
16	8.17	8.62	8.33	8.26	8.60	---	8.11	8.42	8.24	8.23	8.24	8.15
17	8.18	8.53	8.36	8.22	8.42	---	8.17	8.41	8.24	8.23	8.22	8.13
18	8.17	8.18	8.37	8.21	9.72	8.91	9.22	8.41	8.25	8.23	8.22	8.09
19	8.18	8.08	8.68	8.56	9.08	8.69	8.69	8.42	8.24	8.27	8.24	8.05
20	8.19	8.11	8.74	8.56	8.64	8.45	8.33	8.44	8.25	8.30	8.38	8.20
21	8.19	8.17	8.79	8.37	8.44	8.38	8.28	8.43	8.28	8.36	8.89	8.20
22	8.19	8.17	8.37	8.29	8.38	8.34	8.30	8.51	8.26	8.33	8.29	8.20
23	8.20	8.16	8.25	8.25	8.40	8.29	9.27	8.52	8.26	8.34	8.17	8.21
24	8.19	8.21	8.21	8.24	8.31	8.33	8.78	8.47	8.26	8.35	8.18	8.22
25	8.20	8.22	8.20	8.21	8.30	10.12	8.43	8.43	8.28	8.35	8.17	8.24
26	8.21	8.48	8.80	8.30	8.30	8.95	8.32	8.43	8.23	8.36	8.20	8.24
27	8.05	8.35	9.12	8.28	8.52	8.56	8.26	8.45	8.23	8.29	8.19	8.25
28	8.08	8.65	8.76	8.29	8.38	8.40	8.28	8.45	8.24	8.29	8.36	8.23
29	8.10	8.21	8.38	8.32	8.30	8.44	8.27	8.42	8.26	8.42	8.32	8.24
30	8.11	8.15	8.27	8.34	---	10.92	8.27	8.39	8.28	8.38	8.17	8.54
31	8.12	---	8.49	8.35	---	10.11	---	8.38	---	8.48	8.16	---
MEAN	8.14	8.18	8.39	8.40	8.56	---	8.54	8.42	8.29	8.31	8.26	8.30
MAX	8.21	8.65	9.12	9.01	9.72	---	11.39	8.59	8.81	8.48	8.89	9.08
MIN	8.05	7.90	8.20	8.21	8.23	---	8.11	8.27	8.23	8.19	8.16	8.05

PEARL RIVER BASIN

105

02486000 PEARL RIVER AT JACKSON, MS

LOCATION.--Lat 32°16'54", long 90°10'43", in NE1/4 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). WDR MS-87-1: 1985.

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 National Geodetic Vertical Datum 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.--71 years (water years 1902-12, 1929-88), 4,084 ft³/s, 17.49 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 (affected by closure of low-head dam at Jackson Waterworks), 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, 18,200 ft³/s, Apr. 6, gage height, 27.87 ft; minimum, 199 ft³/s, Nov. 23, 24, 25, gage height, 3.04 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	277	272	216	2610	1160	1200	12000	646	295	252	339	245
2	278	262	216	2130	1240	1200	15000	613	291	251	263	288
3	276	264	234	1730	1260	963	17600	409	397	258	268	445
4	272	256	237	1720	1240	1660	17500	370	311	271	304	506
5	277	262	236	1490	1820	3790	17800	360	305	279	275	282
6	276	263	238	646	2440	5040	18000	351	302	287	250	251
7	280	261	244	820	2020	4890	16300	347	304	268	261	242
8	277	266	237	676	2760	3150	13900	347	289	264	256	249
9	275	311	234	582	3410	4790	11300	343	285	261	259	250
10	270	330	235	563	3450	3830	9030	337	285	332	318	267
11	277	278	233	548	2760	4440	6420	334	285	298	281	276
12	272	247	228	538	1680	4170	3830	329	288	273	257	482
13	275	238	233	638	685	4350	2020	326	282	265	251	543
14	274	237	234	561	690	4230	2290	324	281	263	249	271
15	269	236	252	543	4120	2630	2320	315	275	261	234	249
16	270	512	237	538	4350	1850	1900	311	272	277	231	242
17	271	640	228	927	5140	2190	1860	307	272	269	244	238
18	270	268	231	1170	6880	1810	2150	298	272	368	235	245
19	271	237	383	1300	7220	821	3350	300	279	288	243	231
20	272	233	632	1740	6460	698	1630	297	279	264	271	242
21	273	234	456	2790	5190	663	765	300	292	272	732	250
22	270	223	291	2990	3850	1330	1010	325	283	261	339	239
23	270	216	246	2090	3100	1260	4360	334	276	259	273	237
24	265	203	240	1730	2930	1200	6220	320	274	243	318	230
25	272	207	237	1530	2000	3560	5550	313	275	276	259	225
26	301	308	402	675	1370	5770	4960	304	279	262	254	231
27	277	296	610	566	1260	5060	4520	295	263	257	253	230
28	271	368	491	556	1250	5030	2430	296	255	247	304	224
29	274	244	285	697	1220	4690	1200	301	251	258	295	222
30	267	215	250	1090	---	4670	685	298	253	314	249	425
31	265	---	509	756	---	9900	---	294	---	306	248	---
TOTAL	8484	8387	9235	36940	82955	100835	207900	10644	8550	8504	8813	8557
MEAN	274	280	298	1192	2861	3253	6930	343	285	274	284	285
MAX	301	640	632	2990	7220	9900	18000	646	397	368	732	543
MIN	265	203	216	538	685	663	685	294	251	243	231	222
CFSM	.09	.09	.09	.38	.90	1.03	2.19	.11	.09	.09	.09	.09
IN.	.10	.10	.11	.43	.97	1.18	2.44	.12	.10	.10	.10	.10
CAL YR 1987 TOTAL	1241461		MEAN	3401	MAX	31700	MIN	203	CFSM	1.07	IN	14.56
WTR YR 1988 TOTAL	499804		MEAN	1366	MAX	18000	MIN	203	CFSM	.43	IN	5.86

PEARL RIVER BASIN

02486000 PEARL RIVER AT JACKSON, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.32	3.34	3.11	9.69	6.16	6.26	23.87	4.76	3.48	3.25	3.57	3.20
2	3.33	3.30	3.11	8.60	6.35	6.26	26.05	4.65	3.46	3.25	3.27	3.37
3	3.32	3.31	3.19	7.65	6.42	5.59	27.54	3.96	3.83	3.28	3.29	3.91
4	3.31	3.28	3.20	7.62	6.36	7.44	27.53	3.82	3.52	3.33	3.42	4.16
5	3.33	3.30	3.19	7.01	7.86	12.11	27.68	3.78	3.48	3.36	3.31	3.37
6	3.33	3.31	3.20	4.65	9.34	14.48	27.74	3.75	3.46	3.39	3.21	3.25
7	3.34	3.30	3.23	5.17	8.34	14.21	26.86	3.73	3.46	3.32	3.26	3.21
8	3.33	3.32	3.20	4.75	10.03	10.85	25.32	3.74	3.40	3.30	3.24	3.25
9	3.33	3.49	3.19	4.45	11.42	14.02	23.25	3.72	3.39	3.29	3.25	3.25
10	3.31	3.57	3.19	4.39	11.48	12.23	20.90	3.70	3.38	3.56	3.48	3.32
11	3.34	3.37	3.18	4.34	10.05	13.39	16.94	3.68	3.39	3.44	3.33	3.37
12	3.32	3.24	3.16	4.31	7.49	12.88	12.20	3.67	3.40	3.34	3.23	4.01
13	3.34	3.20	3.19	4.63	4.77	13.22	8.40	3.66	3.37	3.31	3.21	4.30
14	3.33	3.20	3.19	4.38	4.76	12.98	9.04	3.65	3.37	3.30	3.20	3.35
15	3.32	3.20	3.26	4.32	12.77	9.74	9.09	3.61	3.34	3.29	3.14	3.27
16	3.33	4.08	3.20	4.30	13.22	7.93	8.13	3.60	3.33	3.35	3.12	3.24
17	3.33	4.57	3.16	5.47	14.66	8.75	8.03	3.58	3.33	3.32	3.18	3.22
18	3.32	3.33	3.18	6.18	17.72	7.80	8.68	3.55	3.33	3.66	3.14	3.26
19	3.33	3.20	3.69	6.51	18.33	5.19	11.29	3.55	3.36	3.39	3.17	3.21
20	3.34	3.18	4.56	7.67	17.03	4.82	7.42	3.54	3.36	3.29	3.27	3.25
21	3.35	3.19	4.02	10.13	14.75	4.71	5.12	3.55	3.41	3.32	4.78	3.28
22	3.34	3.14	3.42	10.55	12.26	6.56	5.76	3.65	3.38	3.28	3.54	3.25
23	3.34	3.11	3.24	8.52	10.77	6.42	13.05	3.69	3.35	3.27	3.29	3.24
24	3.32	3.06	3.21	7.65	10.43	6.25	16.59	3.63	3.34	3.20	3.46	3.21
25	3.34	3.08	3.20	7.13	8.31	11.28	15.40	3.60	3.35	3.33	3.24	3.20
26	3.46	3.46	3.82	4.74	6.69	15.79	14.34	3.57	3.36	3.27	3.22	3.22
27	3.36	3.44	4.51	4.40	6.42	14.52	13.53	3.53	3.30	3.25	3.22	3.22
28	3.34	3.71	4.14	4.37	6.37	14.46	9.30	3.53	3.26	3.21	3.41	3.19
29	3.35	3.23	3.40	4.79	6.30	13.82	6.34	3.54	3.25	3.26	3.39	3.20
30	3.32	3.11	3.25	5.96	---	13.66	4.88	3.52	3.26	3.48	3.22	3.84
31	3.32	---	4.09	4.98	---	21.89	---	3.49	---	3.43	3.22	---
MEAN	3.34	3.35	3.42	6.11	9.89	10.63	15.34	3.71	3.39	3.33	3.33	3.39
MAX	3.46	4.57	4.56	10.55	18.33	21.89	27.74	4.76	3.83	3.66	4.78	4.30
MIN	3.31	3.06	3.11	4.30	4.76	4.71	4.88	3.49	3.25	3.20	3.12	3.19
CAL YR 1987	MEAN 8.66		MAX 32.46	MIN 3.06								
WTR YR 1988	MEAN 5.74		MAX 27.74	MIN 3.06								

PEARL RIVER BASIN

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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)
Apr. 3	1630	*27,000	*25.53	No other peak greater than base discharge			

Minimum discharge, 316 ft³/s, Sept. 30.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	455	478	583	847	1500	2140	20600	1750	530	439	533	393
2	446	474	518	2420	2550	2080	24200	1480	527	438	722	427
3	435	477	494	3230	4560	2540	26800	1370	524	587	608	458
4	429	476	486	2630	4200	6100	26000	1260	536	2040	491	1880
5	428	474	482	2480	4480	5960	23600	1060	599	895	458	3480
6	424	464	499	2310	3680	6460	22000	938	536	639	461	2170
7	425	466	509	1830	3680	6930	20400	884	519	586	469	1530
8	429	478	531	2400	3430	6510	19300	857	516	547	427	972
9	431	491	535	2250	3500	6340	17900	820	509	514	413	575
10	431	530	519	1680	4240	8700	15700	778	486	502	451	495
11	429	627	510	1380	4400	7450	12800	749	474	546	477	471
12	421	617	507	1220	4170	6600	9710	722	476	563	520	454
13	428	532	504	1180	3380	6050	6470	703	475	551	476	811
14	434	499	496	1340	2200	5730	4210	697	472	501	437	1470
15	442	487	513	1360	4960	5550	3720	679	468	478	404	1050
16	437	534	542	1220	10000	4160	3730	670	468	472	379	617
17	435	985	553	1150	8540	3010	3270	651	462	519	367	530
18	442	1700	528	1230	8890	3170	3170	625	475	564	359	489
19	445	1100	528	2330	14000	3610	3780	600	530	794	372	448
20	441	702	839	5600	12500	2510	5070	591	590	682	366	405
21	439	578	1890	4940	9750	1880	4000	596	575	583	396	373
22	439	528	2150	4500	7770	1620	2500	605	508	531	1130	359
23	448	502	1680	4230	5970	1760	2020	631	499	576	1400	363
24	451	484	1180	3390	4820	2140	6610	660	505	495	1150	349
25	456	474	912	2710	4360	2530	8990	634	488	469	936	337
26	470	477	802	2470	3500	10400	8450	605	477	507	643	326
27	492	495	1150	1770	2670	15500	7220	590	476	542	484	319
28	517	630	1720	1250	2300	12400	5960	574	488	520	429	321
29	497	726	1810	1120	2220	9480	4060	554	465	487	392	324
30	470	718	1320	1090	---	8280	2550	539	450	494	485	326
31	476	---	989	1450	---	15300	---	534	455	479	532	---
TOTAL	13842	18203	26279	69007	152220	182890	324790	24406	15103	18540	17167	22522
MEAN	447	607	848	2226	5249	5900	10830	787	503	598	554	751
MAX	517	1700	2150	5600	14000	15500	26800	1750	599	2040	1400	3480
MIN	421	464	482	847	1500	1620	2020	534	450	438	359	319
CFSM	.10	.13	.19	.49	1.15	1.30	2.38	.17	.11	.13	.12	.17
IN.	.11	.15	.21	.56	1.24	1.49	2.65	.20	.12	.15	.14	.18

CAL YR 1987	TOTAL	2061463	MEAN	5648	MAX	55500	MIN	421	CFSM	1.24	IN	16.83
WTR YR 1988	TOTAL	884969	MEAN	2418	MAX	26800	MIN	319	CFSM	.53	IN	7.23

PEARL RIVER BASIN

02488000 PEARL RIVER AT ROCKPORT, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.62	6.60	6.74	7.14	8.08	8.89	22.52	8.60	6.68	6.43	6.61	6.47
2	6.60	6.59	6.61	9.18	9.33	8.83	24.27	8.23	6.67	6.42	6.97	6.54
3	6.57	6.59	6.57	10.12	11.41	9.35	25.44	8.09	6.66	6.68	6.76	6.61
4	6.56	6.59	6.55	9.48	11.06	12.74	25.10	7.94	6.68	8.77	6.55	8.57
5	6.55	6.59	6.54	9.30	11.33	12.63	24.05	7.63	6.80	7.23	6.48	10.48
6	6.55	6.56	6.57	9.10	10.56	13.06	23.23	7.45	6.68	6.79	6.50	9.13
7	6.55	6.56	6.59	8.53	10.57	13.46	22.42	7.36	6.65	6.69	6.52	8.33
8	6.55	6.59	6.63	9.21	10.31	13.10	21.81	7.32	6.63	6.62	6.43	7.52
9	6.55	6.61	6.64	9.03	10.38	12.95	21.06	7.25	6.62	6.56	6.41	6.85
10	6.55	6.69	6.60	8.32	11.11	14.92	19.80	7.18	6.57	6.53	6.49	6.70
11	6.55	6.86	6.58	7.92	11.25	13.89	17.99	7.13	6.55	6.61	6.55	6.65
12	6.53	6.84	6.57	7.69	11.03	13.18	15.70	7.08	6.54	6.64	6.64	6.62
13	6.54	6.68	6.57	7.63	10.25	12.70	13.07	7.05	6.54	6.62	6.56	7.25
14	6.55	6.62	6.55	7.87	8.96	12.44	11.13	7.03	6.53	6.51	6.48	8.25
15	6.56	6.59	6.58	7.89	11.56	12.29	10.69	7.00	6.52	6.46	6.41	7.63
16	6.55	6.68	6.63	7.69	15.50	11.08	10.70	6.98	6.52	6.45	6.37	6.93
17	6.55	7.43	6.65	7.59	14.29	10.00	10.27	6.94	6.50	6.55	6.34	6.77
18	6.55	8.45	6.60	7.70	14.62	10.16	10.17	6.89	6.53	6.63	6.34	6.69
19	6.56	7.62	6.60	9.02	18.39	10.58	10.74	6.85	6.64	7.02	6.37	6.60
20	6.55	6.98	7.14	12.33	17.46	9.48	11.88	6.82	6.74	6.84	6.36	6.52
21	6.55	6.75	8.62	11.74	15.55	8.73	10.94	6.83	6.71	6.66	6.42	6.45
22	6.55	6.65	8.94	11.35	14.04	8.41	9.48	6.85	6.59	6.57	7.65	6.42
23	6.56	6.60	8.36	11.09	12.60	8.57	8.93	6.89	6.57	6.66	8.09	6.42
24	6.56	6.57	7.67	10.27	11.64	9.05	13.16	6.94	6.57	6.51	7.74	6.39
25	6.57	6.55	7.26	9.55	11.22	9.45	15.15	6.89	6.54	6.46	7.42	6.37
26	6.60	6.54	7.07	9.28	10.38	16.10	14.72	6.84	6.51	6.54	6.93	6.34
27	6.64	6.58	7.61	8.43	9.50	19.69	13.70	6.81	6.51	6.61	6.63	6.33
28	6.68	6.83	8.40	7.73	9.08	17.72	12.63	6.77	6.53	6.57	6.53	6.33
29	6.64	7.00	8.52	7.54	8.99	15.53	10.99	6.73	6.48	6.51	6.45	6.34
30	6.59	6.99	7.85	7.50	---	14.58	9.53	6.71	6.45	6.53	6.64	6.34
31	6.60	---	7.36	8.01	---	19.54	---	6.69	---	6.51	6.74	---
MEAN	6.57	6.79	7.10	8.88	11.74	12.36	15.71	7.15	6.59	6.68	6.69	7.03
MAX	6.68	8.45	8.94	12.33	18.39	19.69	25.44	8.60	6.80	8.77	8.09	10.48
MIN	6.53	6.54	6.54	7.14	8.08	8.41	8.93	6.69	6.45	6.42	6.34	6.33
CAL YR 1987	MEAN	10.95	MAX	32.77	MIN	6.53						
WTR YR 1988	MEAN	8.59	MAX	25.44	MIN	6.33						

U248850U PEARL RIVER NEAR MONTICELLO, MS

LOCATION.--Lat 31°33'12", long 90°05'16", in SW 1/4 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.--50 years, 6,672 ft³/s, 18.15 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)
Apr. 3	2030	*30,700	*23.14	No other peak greater than base discharge.			

Minimum discharge, 537 ft³/s, Sept. 30.

REVISIONS.--The maximum discharge for the water year 1986 has been revised to 20,300 ft³/s, Mar. 20, 1986, gage height, 18.87 ft, superseding the figure published in the report for 1986; maximum gage height, 19.93 ft, Oct. 30, 1985.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	743	672	864	1150	1860	2360	1900	2300	696	591	618	773
2	708	672	775	1330	3650	2290	25000	1740	693	559	677	673
3	690	667	730	3190	6410	2970	30200	1540	696	551	866	809
4	679	678	727	2960	5590	6010	29700	1450	691	1140	731	2550
5	675	676	717	2590	5120	6680	27600	1310	702	1420	668	5320
6	674	670	718	2460	4680	6080	24700	1160	722	937	632	3630
7	669	663	729	2380	4120	6450	22400	1090	691	802	629	2200
8	667	655	752	2790	4000	6360	20500	1050	677	710	622	1650
9	667	664	765	2830	3630	6410	18800	1020	656	658	607	1150
10	667	679	758	2200	4250	8660	16900	994	641	604	644	911
11	670	716	741	1740	4630	8310	14300	969	615	605	697	838
12	673	792	732	1510	4780	6620	11200	941	605	634	681	780
13	666	796	729	1430	4170	6140	7670	907	607	652	721	768
14	666	751	725	1470	3070	5610	5070	891	611	643	662	1220
15	669	715	755	1580	6120	5550	3850	877	605	623	636	1590
16	671	725	766	1470	9600	4920	3860	861	592	611	605	1160
17	668	1130	755	1380	8800	3730	3550	847	599	625	592	888
18	669	1490	752	1330	8440	3350	3350	822	601	802	597	808
19	673	1600	739	1700	14000	3980	4250	808	683	758	642	769
20	677	1100	928	5100	13900	3550	4810	800	698	831	599	714
21	674	871	1730	5870	10900	2550	4670	796	722	757	601	673
22	668	781	2720	4880	8430	2100	3300	798	696	709	678	641
23	671	739	2260	4580	6480	1910	2300	803	643	700	1400	626
24	674	719	1670	4060	5300	2320	3600	813	636	687	1360	621
25	682	715	1290	3230	4740	2440	7710	810	646	633	1260	606
26	695	717	1110	2820	4160	5780	8170	780	628	631	1040	593
27	708	713	1380	2390	3290	12300	7270	757	615	677	854	587
28	706	740	1720	1760	2670	13100	6120	739	615	700	710	605
29	705	848	1970	1450	2480	10500	4930	723	618	676	665	568
30	689	891	1750	1360	---	9000	3390	708	601	643	726	569
31	670	---	1360	1420	---	13200	---	701	---	643	580	---
TOTAL	21083	24245	34117	76410	169270	181230	348270	30805	19501	22212	23000	35290
MEAN	680	808	1101	2465	5837	5846	11610	994	650	717	742	1176
MAX	743	1600	2720	5870	14000	13200	30200	2300	722	1420	1400	5320
MIN	666	655	717	1150	1860	1910	2300	701	592	551	580	568
CFSM	.14	.16	.22	.49	1.17	1.17	2.33	.20	.13	.14	.15	.24
IN.	.16	.18	.25	.57	1.26	1.35	2.59	.23	.15	.17	.17	.26

CAL YR 1987	TOTAL	2378496	MEAN	6516	MAX	58000	MIN	655	CFSM	1.31	IN	17.72
WTR YR 1988	TOTAL	985433	MEAN	2692	MAX	30200	MIN	551	CFSM	.54	IN	7.34

02488500 PEARL RIVER NEAR MONTICELLO, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.50	5.28	5.68	6.20	7.10	7.79	19.57	7.77	5.25	4.97	4.96	5.27
2	5.42	5.28	5.48	6.47	9.14	7.71	21.62	7.02	5.24	4.87	5.11	5.03
3	5.37	5.26	5.38	8.85	11.93	8.48	23.04	6.73	5.25	4.85	5.59	5.34
4	5.34	5.29	5.37	8.61	11.12	11.46	22.93	6.60	5.24	6.00	5.24	7.72
5	5.32	5.29	5.35	8.20	10.62	12.18	22.40	6.37	5.27	6.60	5.08	10.83
6	5.32	5.27	5.34	8.06	10.17	11.64	21.59	6.12	5.32	5.76	4.98	9.13
7	5.31	5.25	5.37	7.95	9.62	12.00	20.81	5.99	5.25	5.48	4.97	7.56
8	5.30	5.23	5.42	8.43	9.51	11.92	20.09	5.92	5.22	5.26	4.96	6.79
9	5.30	5.25	5.45	8.47	9.15	11.93	19.46	5.88	5.17	5.12	4.99	5.99
10	5.30	5.29	5.44	7.71	9.75	13.69	18.70	5.83	5.13	4.98	5.01	5.55
11	5.31	5.37	5.40	7.09	10.11	13.43	17.44	5.78	5.07	4.98	5.14	5.40
12	5.31	5.55	5.37	6.75	10.27	12.13	15.53	5.73	5.04	5.07	5.10	5.28
13	5.29	5.56	5.36	6.63	9.68	11.70	12.94	5.66	5.05	5.11	5.20	5.25
14	5.29	5.46	5.35	6.69	8.57	11.16	10.65	5.63	5.06	5.08	5.04	6.13
15	5.30	5.37	5.42	6.85	11.50	11.10	9.45	5.61	5.05	5.03	4.97	6.71
16	5.30	5.39	5.45	6.70	14.38	10.44	9.46	5.58	5.02	5.00	4.89	6.03
17	5.30	6.20	5.42	6.54	13.79	9.27	9.15	5.55	5.03	5.03	4.85	5.53
18	5.29	6.79	5.41	6.47	13.53	8.88	8.94	5.49	5.03	5.45	4.86	5.36
19	5.30	6.96	5.38	7.01	17.24	9.51	9.83	5.47	5.24	5.36	4.98	5.27
20	5.31	6.16	5.77	10.68	17.22	9.08	10.38	5.45	5.28	5.52	4.86	5.15
21	5.30	5.72	7.07	11.41	15.33	8.02	10.25	5.44	5.33	5.35	4.87	5.05
22	5.29	5.51	8.37	10.37	13.52	7.47	8.88	5.46	5.27	5.23	5.06	4.97
23	5.29	5.41	7.83	10.07	11.99	7.21	7.78	5.47	5.13	5.21	6.43	4.94
24	5.30	5.36	7.02	9.56	10.84	7.74	9.11	5.49	5.11	5.17	6.39	4.92
25	5.32	5.35	6.43	8.73	10.24	7.89	12.99	5.49	5.13	5.03	6.23	4.89
26	5.34	5.36	6.14	8.31	9.68	11.17	13.34	5.43	5.08	5.02	5.83	4.86
27	5.38	5.35	6.57	7.81	8.82	16.21	12.66	5.37	5.05	5.14	5.45	4.84
28	5.37	5.41	7.08	6.96	8.16	16.74	11.68	5.34	5.04	5.18	5.13	4.89
29	5.37	5.65	7.44	6.51	7.94	15.05	10.51	5.30	5.05	5.12	5.02	4.80
30	5.33	5.74	7.13	6.37	---	13.93	8.97	5.27	5.00	5.03	5.16	4.80
31	5.28	---	6.54	6.46	---	16.74	---	5.25	---	5.03	5.44	---
MEAN	5.32	5.55	6.01	7.84	11.07	11.09	14.34	5.79	5.15	5.23	5.22	5.81
MAX	5.50	6.96	8.37	11.41	17.24	16.74	23.04	7.77	5.33	6.60	6.43	10.83

PEARL RIVER BASIN

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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-80-1: 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.--No estimated daily discharges. Records fair.

AVERAGE DISCHARGE.--23 years, 201 ft³/s, 21.94 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)
Apr. 2	----	*996	a*6.10				

^aFrom graph based on gage readings

Minimum discharge, 84 ft³/s, Oct. 6, 7.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	99	104	110	214	143	576	115	107	111	108	101
2	100	98	102	119	579	138	956	113	103	109	121	95
3	91	98	101	113	412	210	792	108	103	108	117	96
4	90	99	100	107	283	343	418	104	101	186	112	285
5	94	100	101	102	232	244	253	101	101	157	111	652
6	88	99	101	101	208	182	217	108	101	220	106	224
7	87	98	104	113	174	159	197	109	106	151	111	140
8	91	99	115	138	159	149	170	109	110	122	121	120
9	93	101	111	121	151	228	152	107	97	115	109	110
10	94	102	105	109	143	320	149	110	102	111	131	114
11	92	100	103	105	164	223	149	113	103	116	136	121
12	95	101	101	103	196	182	149	119	100	116	116	130
13	99	101	100	108	164	162	149	120	101	117	116	123
14	99	103	102	111	155	148	142	109	102	114	122	117
15	95	105	104	106	524	139	134	114	106	111	117	108
16	94	130	102	104	410	134	127	106	105	110	105	108
17	95	211	100	104	231	131	129	111	106	115	105	123
18	95	155	99	104	434	143	137	110	98	131	105	129
19	97	118	102	133	849	148	206	111	97	139	104	120
20	95	104	123	292	457	139	189	111	111	131	111	121
21	93	101	169	172	260	135	154	99	112	124	100	118
22	93	102	197	124	208	132	147	106	104	126	118	115
23	94	103	142	110	180	127	144	108	101	120	117	110
24	97	103	120	108	164	125	142	104	99	120	105	107
25	97	101	113	121	152	137	139	104	105	122	117	108
26	99	104	111	111	147	173	137	105	121	117	113	106
27	102	107	116	103	144	154	137	107	113	120	110	107
28	99	111	127	99	154	136	129	107	131	120	108	106
29	98	108	118	97	150	136	113	106	117	125	96	112
30	99	106	107	97	---	208	113	106	109	126	101	124
31	100	---	105	97	---	933	---	107	---	115	101	---
TOTAL	2956	3267	3505	3642	7698	6061	6746	3367	3172	3925	3470	4250
MEAN	95.4	109	113	117	265	196	225	109	106	127	112	142
MAX	102	211	197	292	849	933	956	120	131	220	136	652
MIN	87	98	99	97	143	125	113	99	97	108	96	95
CFSM	.73	.84	.87	.90	2.04	1.51	1.73	.84	.82	.98	.86	1.09
IN.	.85	.93	1.00	1.04	2.20	1.73	1.93	.96	.91	1.12	.99	1.22

CAL YR 1987	TOTAL	87549	MEAN	240	MAX	7120	MIN	87	CFSM	1.85	IN	25.05
WTR YR 1988	TOTAL	52059	MEAN	142	MAX	956	MIN	87	CFSM	1.09	IN	14.90

PEARL RIVER BASIN

02488700 WHITESAND CREEK NEAR OAK VALE, MS--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.70	3.67	3.66	3.68	3.98	3.75	5.05	3.66	3.61	3.59	3.53	3.53
2	3.69	3.67	3.65	3.72	5.09	3.73	5.90	3.65	3.60	3.58	3.58	3.50
3	3.65	3.66	3.65	3.69	4.60	4.01	5.55	3.63	3.60	3.58	3.56	3.51
4	3.65	3.66	3.65	3.66	4.18	4.46	4.65	3.61	3.59	3.88	3.55	4.18
5	3.67	3.66	3.65	3.64	4.00	4.13	4.16	3.60	3.59	3.77	3.54	5.29
6	3.64	3.66	3.65	3.64	3.92	3.91	4.04	3.62	3.59	4.00	3.52	4.01
7	3.63	3.65	3.66	3.69	3.80	3.82	3.97	3.63	3.61	3.75	3.54	3.70
8	3.65	3.66	3.71	3.80	3.74	3.78	3.87	3.62	3.63	3.63	3.58	3.62
9	3.66	3.67	3.69	3.73	3.71	4.06	3.80	3.61	3.57	3.59	3.54	3.58
10	3.67	3.67	3.67	3.67	3.68	4.38	3.79	3.63	3.59	3.57	3.63	3.59
11	3.66	3.66	3.66	3.66	3.76	4.05	3.79	3.64	3.59	3.60	3.65	3.63
12	3.67	3.66	3.65	3.65	3.88	3.91	3.79	3.67	3.58	3.59	3.57	3.66
13	3.69	3.66	3.64	3.67	3.76	3.83	3.79	3.67	3.59	3.59	3.57	3.62
14	3.69	3.67	3.65	3.68	3.72	3.77	3.76	3.62	3.59	3.58	3.60	3.60
15	3.67	3.68	3.66	3.66	4.92	3.74	3.73	3.64	3.61	3.56	3.57	3.56
16	3.67	3.78	3.65	3.65	4.58	3.72	3.70	3.61	3.60	3.56	3.53	3.56
17	3.67	4.08	3.64	3.65	4.00	3.71	3.71	3.63	3.61	3.57	3.53	3.62
18	3.67	3.88	3.64	3.65	4.60	3.76	3.74	3.63	3.57	3.64	3.53	3.64
19	3.67	3.73	3.65	3.77	5.78	3.78	4.00	3.63	3.56	3.67	3.53	3.60
20	3.66	3.67	3.74	4.34	4.78	3.74	3.94	3.63	3.62	3.64	3.56	3.60
21	3.65	3.66	3.92	3.93	4.18	3.72	3.81	3.58	3.63	3.60	3.51	3.59
22	3.65	3.66	4.03	3.74	4.00	3.71	3.78	3.61	3.59	3.61	3.59	3.58
23	3.66	3.67	3.82	3.68	3.90	3.69	3.77	3.62	3.57	3.58	3.59	3.55
24	3.67	3.67	3.73	3.67	3.84	3.68	3.76	3.60	3.56	3.58	3.53	3.53
25	3.67	3.66	3.70	3.72	3.79	3.73	3.75	3.60	3.59	3.58	3.58	3.54
26	3.68	3.67	3.68	3.68	3.77	3.87	3.75	3.61	3.65	3.56	3.57	3.53
27	3.68	3.69	3.70	3.65	3.76	3.80	3.75	3.61	3.61	3.57	3.56	3.53
28	3.67	3.70	3.75	3.63	3.80	3.73	3.72	3.61	3.68	3.57	3.56	3.53
29	3.66	3.69	3.71	3.62	3.78	3.73	3.65	3.61	3.63	3.59	3.51	3.55
30	3.67	3.67	3.66	3.62	---	4.00	3.65	3.61	3.59	3.59	3.53	3.60
31	3.67	---	3.66	3.62	---	5.85	---	3.61	---	3.55	3.53	---
MEAN	3.67	3.69	3.70	3.71	4.11	3.92	4.00	3.62	3.60	3.62	3.56	3.67
MAX	3.70	4.08	4.03	4.34	5.78	5.85	5.90	3.67	3.68	4.00	3.65	5.29
MIN	3.63	3.65	3.64	3.62	3.68	3.68	3.65	3.58	3.56	3.55	3.51	3.50

WTR YR 1988 MEAN 3.74 MAX 5.90 MIN 3.50

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LOCATION.--Lat 31°14'14", long 89°50'54", in E 1/4 sec.7, T.3 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 031800U4, 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.

PERIOD OF RECORD.--August 1928 to September 1954 (monthly discharge only for January to July 1930, published in WSP 13U4). 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.

REMARKS.--Records furnished by National Weather Service.

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 FOR CURRENT YEAR.--Maximum observed gage height, 16.20 ft, Apr. 5; minimum observed, 1.30 ft, Aug. 18-20, 23.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.30	2.00	2.30	3.10	3.00	4.30	11.80	4.60	1.50	1.50	1.60	1.80
2	2.20	2.00	2.30	2.80	5.60	4.10	13.70	3.70	1.70	1.40	1.60	1.70
3	2.10	2.00	2.20	2.80	6.40	4.20	15.20	3.20	1.70	1.40	1.60	1.60
4	2.10	2.00	2.10	4.30	8.00	4.90	15.90	2.90	1.90	1.50	1.70	2.10
5	2.10	1.90	2.10	4.40	7.50	7.00	16.20	2.70	1.80	1.60	1.80	5.10
6	2.00	1.90	2.10	4.00	6.90	7.60	16.00	2.60	1.70	2.80	1.70	6.30
7	2.00	1.90	2.00	3.90	6.20	7.00	15.50	2.50	1.70	2.30	1.60	4.50
8	2.00	1.90	2.20	4.00	5.60	7.20	14.30	2.40	1.70	2.00	1.60	3.40
9	2.00	1.90	2.20	4.30	5.40	7.30	14.10	2.30	1.60	1.70	1.60	2.80
10	2.00	1.90	2.20	4.40	5.00	7.70	13.80	2.30	1.60	1.70	1.80	2.60
11	2.00	1.90	2.10	3.90	5.40	8.90	13.00	2.30	1.60	1.60	1.80	2.10
12	2.00	1.90	2.10	3.50	5.80	8.70	12.20	2.30	1.50	1.50	1.80	2.00
13	1.90	2.00	2.10	3.30	6.00	7.60	10.70	2.20	1.50	1.50	1.80	1.90
14	1.90	2.10	2.10	3.20	5.50	7.10	8.50	2.20	1.40	1.50	1.60	2.00
15	1.90	2.10	2.10	3.10	5.60	6.60	6.50	2.10	1.40	1.50	1.50	2.20
16	1.90	2.10	2.10	3.10	7.90	6.60	5.40	2.10	1.40	1.50	1.40	2.80
17	1.90	2.90	2.10	3.20	9.30	6.00	5.30	2.10	1.40	1.40	1.40	2.70
18	1.90	3.00	2.10	3.10	9.00	5.30	5.00	2.10	1.40	1.60	1.30	2.30
19	1.90	3.00	2.10	3.10	11.30	4.90	4.80	2.00	1.70	1.90	1.30	2.10
20	1.90	3.20	2.10	4.80	12.30	5.20	5.50	2.00	1.60	2.00	1.30	2.00
21	1.90	2.70	2.40	6.40	12.00	5.00	5.80	2.00	1.70	1.80	1.40	1.90
22	1.90	2.40	3.50	6.80	10.60	4.30	5.70	2.00	1.70	1.80	1.40	1.80
23	1.90	2.20	4.30	5.90	9.00	3.80	4.70	2.00	1.70	2.20	1.30	1.70
24	1.90	2.10	4.00	5.60	7.70	3.60	3.90	2.00	1.60	1.90	1.90	1.70
25	1.90	2.10	3.50	5.30	6.60	3.80	4.00	2.00	1.70	1.70	2.40	1.70
26	1.90	2.30	3.10	4.70	6.00	6.20	7.40	2.00	1.70	1.60	2.20	1.70
27	2.00	2.20	2.80	4.30	5.60	6.80	7.90	1.90	1.60	1.50	2.10	1.60
28	2.00	2.20	2.90	4.00	5.00	10.30	7.40	1.90	1.50	1.90	1.80	1.60
29	2.00	2.10	3.20	3.50	4.50	11.00	6.70	1.90	1.50	1.90	1.60	1.60
30	2.00	2.20	3.40	3.10	---	10.30	5.70	1.80	1.60	1.80	1.50	1.60
31	2.00	---	3.40	3.00	---	10.20	---	1.80	---	1.70	1.50	---
MEAN	1.98	2.20	2.55	4.03	7.06	6.56	9.42	2.32	1.60	1.73	1.64	2.36
MAX	2.30	3.20	4.30	6.80	12.30	11.00	16.20	4.60	1.90	2.80	2.40	6.30
MIN	1.90	1.90	2.00	2.80								

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA
(National stream-quality accounting network station)

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 Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Several measurements of water temperature were made during the year.

AVERAGE DISCHARGE.--50 years, 9,822 ft³/s, 20.29 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, 49,000 ft³/s, Apr. 3, gage height, 20.11 ft; minimum discharge, 1,800 ft³/s, Oct. 22, 23 July 3; minimum gage height, 7.53 ft July 3.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2160	1880	2470	3560	3480	6340	34100	8150	2200	1940	1980	2090
2	2200	1870	2410	3410	7700	5850	38800	6590	2170	1880	1940	2380
3	2140	1840	2380	3440	15600	6720	47200	5290	2140	1840	1920	2420
4	2050	1850	2290	3320	17000	9820	47500	4520	2210	2000	1940	3010
5	1990	1860	2200	4300	18300	9890	46900	4060	2520	2320	1970	7260
6	1970	1850	2140	4670	16700	11000	46500	3770	2370	3310	2040	9720
7	1960	1830	2130	4470	13600	11300	46200	3540	2250	4200	2000	8770
8	1940	1820	2280	4970	10400	10600	45400	3330	2210	3350	1950	6370
9	1920	1880	2630	5310	8600	10800	43800	3190	2180	2680	2060	4680
10	1900	2000	2550	5100	7760	11900	41500	3110	2140	2360	2470	3980
11	1900	2020	2380	4900	7170	13400	38800	3170	2070	2240	2670	3760
12	1900	1970	2280	4380	7570	14500	35800	3160	2010	2190	2570	5180
13	1890	1940	2200	3880	8270	13900	31400	3000	1960	2090	2360	5470
14	1870	1980	2170	3720	8140	11700	24400	2890	1910	2010	2210	3990
15	1860	2050	2170	3600	8820	10300	16500	2810	1880	1970	2110	3140
16	1860	2140	2190	3390	12400	9340	10900	2720	1870	1940	2030	3170
17	1860	3400	2150	3390	14500	8940	8500	2650	1860	1950	1950	4890
18	1860	4890	2160	3470	17100	8470	7890	2600	1840	2200	1970	5130
19	1870	4090	2140	3720	26200	7910	7780	2560	1880	2420	1940	4980
20	1850	3300	2130	4870	35800	7210	7720	2500	2130	2580	1940	4660
21	1820	3180	2350	7110	37200	7070	8140	2470	2310	2670	1960	4150
22	1810	2890	3570	8400	33200	6620	8420	2580	2360	2410	2170	3600
23	1810	2560	5000	8520	25500	5650	8080	2790	2300	2720	2160	3020
24	1810	2340	5090	7550	18200	5040	6920	2800	2210	2990	2080	2510
25	1820	2220	4590	7250	13200	5720	5820	2660	2210	2530	2220	2330
26	1840	2180	3920	7150	10400	25600	6690	2600	2310	2270	2620	2270
27	1900	2740	3380	6140	8960	39500	10300	2530	2370	2170	2570	2190
28	1950	3000	3180	5250	8070	26500	11600	2430	2120	2110	2410	2150
29	1940	2880	3380	4740	7110	22700	10900	2350	1980	2260	2210	2140
30	1910	2670	3500	4140	---	25500	9590	2270	1920	2160	2090	2440
31	1900	---	3590	3640	---	31200	---	2220	---	2050	2010	---
TOTAL	59460	73120	87000	151760	426950	400990	714050	101310	63890	73810	66520	121850
MEAN	1918	2437	2806	4895	14720	12940	23800	3268	2130	2381	2146	4062
MAX	2200	4890	5090	8520	37200	39500	47500	8150	2520	4200	2670	9720
MIN	1810	1820	2130	3320	3480	5040	5820	2220	1840	1840	1920	2090
CFSM	.29	.37	.43	.74	2.24	1.97	3.62	.50	.32	.36	.33	.62
IN.	.34	.41	.49	.86	2.42	2.27	4.04	.57	.36	.42	.38	.69
CAL YR 1987	TOTAL 4415200		MEAN 12100		MAX 70500		MIN 1810		CFSM 1.84		IN. 24.99	
WTR YR 1988	TOTAL 2340710		MEAN 6395		MAX 47500		MIN 1810		CFSM .97		IN. 13.25	

02490500 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.--No estimated daily discharges. Records good. Telemeter at station.

AVERAGE DISCHARGE.--44 years, 794 ft³/s, 21.92 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)
Feb. 19	1100	6,340	14.48	Apr. 3	0800	*9,380	*17.03
Mar. 26	0200	9,000	16.94				

Minimum daily discharge, 234 ft³/s, Oct. 9.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	388	263	310	346	631	454	5130	331	261	246	276	290
2	281	268	296	370	1710	434	7270	323	261	243	253	270
3	251	271	292	376	1940	829	8360	318	259	240	243	311
4	238	269	288	364	2290	1930	6170	311	281	249	249	1000
5	238	270	284	339	1870	2310	3770	300	270	278	250	1890
6	238	264	284	317	1660	1430	1880	293	272	349	250	1500
7	235	264	284	347	1180	841	1420	292	271	311	248	650
8	236	270	289	472	840	670	1130	290	262	283	247	377
9	234	279	289	643	663	900	905	292	264	260	255	318
10	235	285	287	474	563	2080	778	295	263	257	271	318
11	236	284	286	390	575	1940	688	294	257	257	280	368
12	235	305	285	354	768	1160	633	289	252	258	279	358
13	236	291	279	353	735	776	590	287	252	252	262	327
14	237	290	283	356	637	622	553	284	247	247	255	345
15	237	295	288	374	2230	529	521	285	252	242	247	569
16	237	333	296	362	2610	469	499	284	253	259	253	399
17	240	698	316	348	2210	437	478	287	252	264	256	333
18	242	653	289	345	1810	539	491	280	245	314	257	308
19	244	485	284	483	5660	639	670	275	270	391	283	294
20	243	365	339	936	4050	607	851	274	293	317	284	283
21	239	322	555	1000	3120	509	660	280	277	283	317	273
22	237	304	772	724	1970	451	511	284	339	311	291	267
23	243	298	690	500	1070	419	462	284	303	292	268	264
24	245	295	500	434	837	405	437	278	274	266	273	263
25	248	291	410	420	682	3170	412	278	278	257	269	260
26	263	296	373	402	597	6330	393	271	275	249	255	256
27	276	299	418	380	544	2630	374	267	273	248	253	254
28	268	324	551	358	509	1410	357	264	277	246	249	253
29	267	330	476	344	481	945	346	262	258	270	250	250
30	263	335	390	336	---	1470	339	262	251	246	282	257
31	263	---	354	335	---	3780	---	263	---	285	269	---
TOTAL	7773	9796	11337	13582	44442	41115	47078	8877	8042	8470	8174	13105
MEAN	251	327	366	438	1532	1326	1569	286	268	273	264	437
MAX	388	698	772	1000	5660	6330	8360	331	339	391	317	1890
MIN	234	263	279	317	481	405	339	262	245	240	243	250
CFSM	.51	.67	.74	.89	3.11	2.70	3.19	.58	.55	.56	.54	.89
IN.	.59	.74	.86	1.03	3.36	3.11	3.56	.67	.61	.64	.62	.99
CAL YR 1987	TOTAL	333343	MEAN 913	MAX 16700	MIN 234	CFSM 1.86	IN 25.20					
WTR YR 1988	TOTAL	221791	MEAN 606	MAX 8360	MIN 234	CFSM 1.23	IN 16.77					

TENNESSEE RIVER BASIN

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: Oct. 1-5, Nov. 29 to Jan. 8. 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.

AVERAGE DISCHARGE.--94 years, 51,330 ft³/s, 22.62 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, 142,000 ft³/s, Jan. 22, maximum gage height, 14.46 ft, Jan. 22; minimum daily discharge, 6,200 ft³/s, Dec. 13.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32200	14300	24000	14200	38700	32700	15800	14600	14200	16100	19900	22900
2	27800	19500	23100	21600	50000	24000	13900	15600	13900	13400	27300	24900
3	22800	19200	24500	19300	38700	22700	19000	14500	15700	14600	17600	16200
4	13300	23900	22300	37500	43400	23800	15000	21700	10900	15200	20700	18200
5	29900	24500	8070	53200	55200	17300	16700	20100	12700	19000	25700	19900
6	36800	29400	9280	51400	34900	19000	32000	20100	12500	22700	14700	24700
7	40600	18500	16000	43400	36100	41100	23900	15900	15800	21000	10600	25400
8	32200	13600	14600	43400	49700	31100	17500	17400	22500	25900	26600	18900
9	28600	23100	14000	28000	40100	30600	14400	19600	20700	17000	25100	16600
10	23400	27300	19100	18600	45600	25200	13900	18200	15300	14000	29800	18900
11	19400	33600	12300	39100	42100	27300	20700	16400	12300	16900	28400	16700
12	26700	45900	10700	38200	53300	22100	40300	17800	13600	19000	24800	34500
13	36300	30800	6200	34100	49200	27800	56700	12700	14800	20200	20300	41100
14	27900	22900	12900	48900	34000	42900	41900	14500	20500	36100	13000	43100
15	30400	15600	15100	36800	41000	50700	29000	16400	17000	33900	25900	40000
16	31000	21200	25000	23900	51700	50700	21300	18700	15100	20000	30400	30000
17	19000	22000	22900	52700	42400	47400	19900	19100	18400	17400	29400	25500
18	13100	41900	19100	53400	49100	32900	31600	12900	15600	22700	29100	20700
19	23400	43100	15900	72800	56000	19800	40700	13200	14600	18700	24600	36600
20	23800	42000	9900	117000	38800	17200	36200	13600	25500	22200	15500	41000
21	28700	37500	19600	115000	28500	18500	26300	16600	20700	18100	13700	33200
22	32300	19500	17900	132000	42000	16300	23200	12400	33400	20400	21800	34700
23	31700	33600	19600	131000	36400	14000	20700	16100	20600	22700	21300	43700
24	15500	27500	19600	121000	46100	15100	17300	19100	12400	15500	21900	15400
25	14200	27200	24500	104000	43400	15300	18400	17400	14200	18900	25100	16100
26	19500	21400	74000	95400	42600	18300	24000	14400	14700	18800	26400	21000
27	25700	27300	64300	87400	30300	14800	26200	15600	17800	23200	20100	21700
28	25400	23200	65200	64900	23900	13800	22700	15500	17800	31000	14300	20900
29	30400	16000	57100	49700	33500	14000	19600	10900	22200	29800	23400	22300
30	23200	28100	53800	26000	---	15500	15600	13900	21800	18300	18900	19400
31	12800	---	45900	18500	---	14900	---	13300	---	16300	15200	---
TOTAL	798000	793600	786450	1792400	1216700	776800	734400	498200	517200	639000	681500	784200
MEAN	25740	26450	25370	57820	41960	25060	24480	16070	17240	20610	21980	26140
MAX	40600	45900	74000	132000	56000	50700	56700	21700	33400	36100	30400	43700
MIN	12800	13600	6200	14200	23900	13800	13900	10900	10900	13400	10600	15400
CFSM	.84	.86	.82	1.88	1.36	.81	.79	.52	.56	.67	.71	.85
IN.	.96	.96	.95	2.16	1.47	.94	.89	.60	.62	.77	.82	.95

CAL YR 1987 TOTAL 14922650 MEAN 40880 MAX 214000 MIN 6200 CFSM 1.33 IN. 18.02
WTR YR 1988 TOTAL 10018450 MEAN 27370 MAX 132000 MIN 6200 CFSM .89 IN. 12.10

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: Jan. 27-31, Feb. 6-13, Feb. 25 to Mar. 2, and May 11 to June 1. Records good except for estimated daily discharges, which are fair.

AVERAGE DISCHARGE.--15 years, 41.7 ft³/s, 22.93 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, not determined Dec. 26, 1982 (corrected), 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)
Jan. 19	1115	*593	*14.19				

Minimum discharge, 2.4 ft³/s Aug. 19.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	5.2	19	47	27	28	83	9.6	4.1	3.6	2.9	2.7
2	3.2	5.2	15	33	32	24	71	9.5	5.8	5.2	2.9	2.7
3	3.4	5.2	14	28	29	34	46	9.5	4.2	5.8	3.7	2.9
4	3.9	5.4	13	25	47	58	35	8.3	4.1	6.3	19	3.9
5	4.7	5.6	12	23	32	31	29	8.3	3.9	6.9	4.6	3.1
6	4.9	5.1	11	23	30	28	35	8.4	3.9	5.8	3.6	2.9
7	4.7	5.2	11	22	29	26	27	8.4	3.9	22	3.2	2.9
8	4.8	5.3	11	26	28	24	21	8.5	3.9	3.4	3.1	3.0
9	5.2	11	12	25	28	58	18	23	3.9	3.3	2.9	2.9
10	5.4	104	12	23	28	59	16	11	4.4	3.3	2.8	2.8
11	5.4	20	11	23	30	35	22	6.2	4.1	3.4	2.7	5.4
12	5.8	11	11	27	29	37	57	5.9	4.0	4.4	2.7	4.4
13	5.8	9.0	11	44	29	36	29	5.6	4.4	8.4	2.7	3.7
14	6.0	7.8	11	29	29	29	22	5.4	4.2	5.5	2.7	3.3
15	6.4	7.6	24	26	132	25	18	5.3	4.0	3.9	2.6	3.3
16	4.7	10	15	27	46	22	15	5.2	3.9	3.5	2.6	13
17	4.9	36	12	68	36	20	14	5.2	3.9	3.4	2.5	18
18	4.7	14	11	52	33	22	78	5.1	3.8	3.3	2.5	5.7
19	4.6	11	11	377	72	22	63	5.0	3.7	3.4	2.4	4.5
20	6.8	9.1	31	148	42	18	34	5.0	3.6	3.7	2.8	4.3
21	6.5	8.3	19	57	33	17	28	5.6	3.6	4.0	3.0	4.0
22	5.2	8.3	15	39	30	15	23	6.4	3.7	4.1	3.2	3.8
23	5.1	8.3	13	34	28	14	21	7.4	3.6	3.6	2.9	3.8
24	5.1	8.4	223	31	26	14	25	5.8	3.5	3.3	4.4	3.6
25	5.2	8.3	98	28	26	36	16	4.7	3.8	3.9	3.3	3.6
26	5.3	16	45	25	26	28	14	4.4	3.5	4.2	2.9	3.4
27	6.0	26	124	24	27	19	11	4.3	3.3	3.5	2.8	3.3
28	5.5	215	118	22	28	16	10	4.2	3.2	3.3	2.6	3.1
29	5.2	44	47	21	26	16	10	4.3	3.2	3.2	2.9	3.7
30	5.1	27	34	20	---	44	10	4.3	3.2	3.0	2.9	7.6
31	5.2	---	33	20	---	37	---	4.2	---	2.9	2.7	---
TOTAL	157.9	662.3	1047	1417	1038	892	901	214.0	116.3	147.5	108.5	135.3
MEAN	5.09	22.1	33.8	45.7	35.8	28.8	30.0	6.90	3.88	4.76	3.50	4.51
MAX	6.8	215	223	377	132	59	83	23	5.8	22	19	18
MIN	3.2	5.1	11	20	26	14	10	4.2	3.2	2.9	2.4	2.7
CFSM	.21	.90	1.37	1.85	1.45	1.17	1.22	.28	.16	.19	.14	.18
IN.	.24	1.00	1.58	2.13	1.56	1.34	1.36	.32	.18	.22	.16	.20

CAL YR 1987 TOTAL 8302.1 MEAN 22.7 MAX 653 MIN 2.2 CFSM .92 IN 12.50
WTR YR 1988 TOTAL 6836.8 MEAN 18.7 MAX 377 MIN 2.4 CFSM .76 IN 10.30

TENNESSEE RIVER BASIN

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, 16.85 ft, Aug. 14; minimum, 8.00 ft, Feb. 3.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.79	10.08	9.54	9.59	9.03	8.94	11.83	13.75	---	13.43	14.16	13.02
2	10.65	10.00	9.28	9.60	8.92	8.98	12.21	13.73	---	13.55	14.25	13.10
3	10.58	9.99	9.08	9.72	8.36	8.97	12.44	13.69	---	13.54	14.39	13.32
4	10.64	10.00	8.97	9.50	8.47	9.12	12.77	13.68	13.45	13.57	14.40	13.18
5	10.66	9.95	9.00	9.50	8.67	9.44	12.94	13.73	13.50	13.57	14.54	13.06
6	10.58	10.09	8.90	9.31	8.89	9.44	13.19	13.79	13.48	13.61	14.74	13.01
7	10.56	10.10	8.90	9.44	9.07	9.42	13.48	13.99	13.47	13.57	14.75	13.03
8	10.58	10.00	9.06	9.33	9.14	9.25	13.63	14.07	13.56	13.61	14.96	13.05
9	10.67	9.92	9.15	9.37	9.19	9.14	13.70	14.01	13.67	13.65	15.37	12.91
10	10.74	10.16	9.25	9.37	9.12	9.11	13.73	13.93	13.79	13.63	15.55	12.80
11	10.73	10.24	9.49	9.34	9.14	9.22	13.83	13.81	13.78	13.59	15.98	12.86
12	10.66	9.81	9.44	9.60	9.32	9.40	14.02	13.74	13.67	13.60	16.25	12.92
13	10.47	9.97	9.19	9.32	9.33	9.81	14.04	13.66	13.57	13.70	16.43	13.24
14	10.37	9.84	9.15	9.44	9.23	9.91	13.97	13.59	13.57	13.86	16.64	13.20
15	10.38	9.82	9.05	9.43	9.11	9.78	13.61	13.52	13.60	14.30	15.11	13.07
16	10.40	9.84	9.35	9.68	9.14	9.82	13.57	13.41	13.58	14.49	14.02	12.72
17	10.52	9.85	9.52	9.66	8.93	9.88	13.67	13.32	13.56	14.31	14.08	12.91
18	10.58	9.61	9.61	9.57	8.74	10.29	13.75	13.38	13.54	14.15	13.64	12.91
19	10.46	9.42	9.57	9.48	8.42	10.71	13.79	---	13.50	14.13	13.24	12.86
20	10.45	9.38	9.54	10.55	8.66	10.81	13.71	---	13.52	14.04	13.05	12.83
21	10.52	9.38	9.41	10.09	8.97	10.84	13.84	---	13.70	14.07	12.95	12.94
22	10.54	9.50	9.48	9.65	8.96	10.94	13.91	---	13.79	14.14	12.78	12.78
23	10.49	9.45	9.50	10.28	8.85	10.99	13.83	---	13.97	14.07	12.85	12.58
24	10.39	9.60	9.90	10.71	8.85	11.10	13.73	---	13.73	14.02	12.83	12.81
25	10.27	9.68	10.38	10.65	8.81	11.19	13.62	---	13.42	13.93	12.91	12.89
26	10.20	9.69	9.48	11.08	9.01	11.21	13.62	---	13.32	13.83	13.01	12.87
27	10.11	9.71	9.42	11.11	9.06	11.25	13.58	---	13.25	13.88	13.11	12.83
28	10.08	9.84	9.22	10.85	9.05	11.24	13.61	---	13.27	13.99	13.16	12.79
29	10.23	9.89	9.30	10.45	8.98	11.26	13.67	---	13.38	14.14	13.09	12.71
30	10.30	9.91	9.45	9.56	---	11.35	13.78	---	13.35	14.26	13.11	12.70
31	10.27	---	9.48	9.27	---	11.56	---	---	---	14.21	13.06	---
MEAN	10.48	9.82	9.36	9.82	8.95	10.14	13.50	---	---	13.89	14.14	12.93
MAX	10.79	10.24	10.38	11.11	9.33	11.56	14.04	---	---	14.49	16.64	13.32
MIN	10.08	9.38	8.90	9.27	8.36	8.94	11.83	---	---	13.43	12.78	12.58

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 1987 TO SEPTEMBER 1988

DATE	TIME	SAM- PLING DEPTH (FEET)	GAGE HEIGHT (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)
APR									
11...	1000	--	13.76	--	--	--	45.8	--	--
11...	1001	1.00	--	148	7.70	17.5	--	10.1	109
11...	1002	5.00	--	148	7.70	17.5	--	10.1	109
11...	1003	10.0	--	148	7.70	17.5	--	10.0	108
11...	1004	15.0	--	148	7.70	17.5	--	10.0	108
11...	1005	19.0	--	147	7.70	17.5	--	9.9	107
JUN									
27...	1000	--	13.26	--	--	--	66.0	--	--
27...	1001	1.00	--	177	8.10	29.5	--	7.4	99
27...	1002	5.00	--	177	8.20	29.5	--	7.4	99
27...	1003	10.0	--	177	8.20	29.5	--	7.4	99
27...	1004	15.0	--	178	8.20	29.5	--	7.4	99
27...	1005	16.0	--	178	8.20	29.5	--	7.4	99

LOWER MISSISSIPPI RIVER BASIN

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.

PERIOD OF RECORD.--Discharge: January 1933 to September 1987. Monthly discharge only for some periods, published in WSP 1311.

Gage heights: October 1934 to September 1951 and October 1952 to September 1981 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 by many locks, dams, and reservoirs upstream.

COOPERATION.--Records furnished by Corps of Engineers.

AVERAGE DISCHARGE.--48 years, 474,200 ft³/s, 343,600,000 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.

NOTE.--Records for the Water Year 1988 will be published in a subsequent report.

07268000 LITTLE TALLAHATCHIE RIVER AT ET TA, 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.--Estimated daily discharges: Nov. 10-19. Records good.

AVERAGE DISCHARGE.--50 years, 849 ft³/s, 21.92 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)
Jan. 20	0130	*25,900	*25.24	No other peaks greater than base discharge.			

Minimum discharge, 9.8 ft³/s, Sept. 15, 16.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	22	84	1150	396	219	2410	138	47	28	23	12
2	20	22	71	703	946	208	6360	124	45	54	28	12
3	18	23	66	474	714	443	3520	115	44	66	26	13
4	18	22	62	373	1330	471	1030	122	43	39	21	16
5	19	22	56	294	710	314	665	113	39	39	20	17
6	19	21	54	261	469	269	917	104	37	69	19	13
7	18	21	52	201	371	247	599	97	36	35	19	12
8	18	22	52	477	368	302	433	89	35	28	19	11
9	18	32	53	399	333	2490	355	144	36	26	17	11
10	19	1030	51	319	299	1780	307	186	41	24	17	11
11	19	207	50	275	290	674	298	110	36	28	16	11
12	19	136	49	292	293	576	766	88	33	65	17	11
13	19	108	48	927	289	759	498	85	31	43	18	11
14	19	169	49	626	395	466	329	86	31	63	18	11
15	19	75	66	425	5750	356	269	77	30	41	16	10
16	19	69	76	455	1420	300	228	71	29	30	15	228
17	19	460	56	1630	726	273	207	66	28	26	15	1540
18	20	185	50	1440	644	270	590	62	29	24	15	420
19	20	57	51	14800	2240	275	1570	57	34	23	15	161
20	27	54	70	17200	1080	243	631	54	27	24	15	58
21	30	49	80	3420	603	222	375	53	26	40	17	32
22	22	46	66	1110	485	203	281	75	25	69	19	26
23	19	45	59	681	416	195	257	1150	25	41	16	23
24	19	46	4730	550	365	186	604	217	24	27	16	23
25	20	44	3180	443	319	461	315	133	23	27	14	532
26	22	45	1040	345	292	476	240	89	23	41	14	77
27	27	68	6440	280	280	263	197	73	22	34	47	38
28	27	465	8040	257	261	213	165	66	20	28	21	29
29	22	283	2110	239	237	198	154	59	20	25	19	30
30	21	114	560	223	---	518	146	54	23	23	16	115
31	21	---	439	210	---	1120	---	49	---	22	13	---
TOTAL	638	3962	27910	50479	22321	14990	24716	4006	942	1152	581	3514
MEAN	20.6	132	900	1628	770	484	824	129	31.4	37.2	18.7	117
MAX	30	1030	8040	17200	5750	2490	6360	1150	47	69	47	1540
MIN	18	21	48	201	237	186	146	49	20	22	13	10
CFSM	.04	.25	1.71	3.10	1.46	.92	1.57	.25	.06	.07	.04	.22
IN.	.05	.28	1.97	3.57	1.58	1.06	1.75	.28	.07	.08	.04	.25
CAL YR 1987	TOTAL	220886	MEAN 605	MAX 22900	MIN 18	CFSM 1.15	IN 15.62					
WTR YR 1988	TOTAL	155211	MEAN 424	MAX 17200	MIN 10	CFSM .81	IN 10.98					

YAZOO RIVER BASIN

07274000 YOCONA RIVER NEAR OXFORD, MS

LOCATION.--Lat 34°16'23", long 89°31'11", in SE1NW1 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: Jan. 9-11, Feb. 12-13, Feb. 15, Feb. 19-22, Mar. 4-7, Apr. 19-20, May 13-16. Records fair. U.S. Army Corps of Engineers satellite telemeter at station.

AVERAGE DISCHARGE.--42 years, 386 ft³/s, 20.01 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)
Jan. 19	1630	*4,580	*19.23				

Minimum discharge, 7.6 ft³/s, Aug. 17.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	14	46	656	194	121	598	85	26	21	16	11
2	12	15	39	472	242	110	1430	77	25	50	20	11
3	12	14	36	338	197	257	1100	75	23	35	15	31
4	12	15	32	270	292	243	869	73	23	23	28	29
5	20	15	31	215	267	183	509	64	22	40	18	16
6	17	16	30	182	197	156	435	55	22	27	14	14
7	14	19	29	181	158	129	365	50	21	20	12	13
8	13	23	28	183	152	250	292	49	20	17	11	12
9	13	45	27	180	141	867	244	81	22	14	11	12
10	13	401	28	160	139	749	221	104	22	16	11	12
11	14	122	33	149	122	492	188	69	20	19	12	11
12	16	59	31	145	126	372	344	50	21	16	10	11
13	13	38	27	259	126	387	289	46	25	22	9.2	10
14	12	38	28	279	166	314	213	41	20	21	9.1	10
15	13	36	35	214	1000	232	173	37	18	16	9.2	12
16	13	209	32	197	744	194	155	35	18	14	9.1	315
17	13	289	31	394	616	175	138	33	17	20	9.2	1020
18	13	86	31	537	390	167	236	41	20	45	10	365
19	13	48	32	3590	766	159	543	34	19	40	16	222
20	14	39	52	2690	646	147	471	32	17	33	11	114
21	15	31	40	1710	443	137	302	35	17	32	11	48
22	15	29	37	1050	315	124	213	50	17	26	11	30
23	15	28	35	701	247	116	181	77	16	20	12	21
24	15	27	1990	462	211	113	378	107	16	18	10	15
25	14	25	1230	344	179	174	332	61	15	27	10	15
26	20	26	1090	278	161	191	205	45	15	54	10	12
27	20	33	2470	235	155	146	151	37	15	25	10	11
28	16	169	2250	197	143	119	124	33	15	19	16	9.9
29	18	122	1540	182	133	113	105	29	14	16	16	60
30	17	66	996	166	---	319	93	28	13	15	13	23
31	15	---	698	156	---	344	---	27	---	13	13	---
TOTAL	452	2097	13034	16772	8668	7600	10897	1660	574	774	392.8	2495.9
MEAN	14.6	69.9	420	541	299	245	363	53.5	19.1	25.0	12.7	83.2
MAX	20	401	2470	3590	1000	867	1430	107	26	54	28	1020
MIN	12	14	27	145	122	110	93	27	13	13	9.1	9.9
CFSM	.06	.27	1.60	2.07	1.14	.94	1.39	.20	.07	.10	.05	.32
IN.	.06	.30	1.85	2.38	1.23	1.08	1.55	.24	.08	.11	.06	.35
CAL YR 1987	TOTAL	80613.8	MEAN	221	MAX	6000	MIN	5.1	CFSM	.84	IN	11.45
WTR YR 1988	TOTAL	65416.7	MEAN	179	MAX	3590	MIN	9.1	CFSM	.68	IN	9.29

07274251 TOWN CREEK AT WATER VALLEY, MS

LOCATION.--Lat 34°08'50", long 89°38'02", NE¼ sec.8, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, 30 feet upstream of triple box culvert on right bank, 0.3 mi south of the intersection of Mississippi State Highways 7 and 315, on Mississippi State Highway 7 in Water Valley.

DRAINAGE AREA.--2.25 mi².

WATER DISCHARGE RECORDS

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

GAGE.--Water-stage recorder, crest-stage gage, and culvert control. Datum of gage is 276.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good below 3.0 ft³/s and fair above.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,470 ft³/s, May 8, 1985, gage height, 10.13 ft; minimum, 1.5 ft³/s, July 2, 1986, gage height, 3.93 ft.

EXTREMES FOR CURRENT PERIOD.--January to September 1985: Maximum discharge, 1,470 ft³/s, May 8, gage height, 10.13 ft; minimum, 2.8 ft³/s, all or part of June 6, 8-17, 19-28, gage height, 3.98 ft.

Water year 1986: Maximum discharge, 1,020 ft³/s, June 6, gage height, 8.82 ft; minimum, 1.5 ft³/s, July 2, gage height, 3.93 ft.

Water year 1987: Maximum discharge, 873 ft³/s, Nov. 23, gage height, 8.73 ft; minimum, 1.6 ft³/s, all or part of Sept. 1-9, 29-30, gage height, 3.88 ft.

Water year 1988: Maximum discharge, 807 ft³/s, Jan. 19, gage height, 8.14 ft; minimum, 1.7 ft³/s, all or part of each day, Aug. 16-22, gage height, 3.87 ft.

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				---	4.6	4.4	5.9	16	3.0	3.4	4.2	4.4
2				---	4.1	4.1	4.7	12	3.0	3.0	4.3	4.4
3				---	4.0	4.1	4.4	5.6	3.0	3.2	4.3	4.6
4				---	4.2	4.4	3.7	4.7	3.0	3.3	4.4	5.0
5				---	21	4.2	8.4	4.3	3.0	3.3	4.9	4.4
6				---	11	3.6	6.5	4.1	3.0	3.4	43	4.4
7				---	6.9	3.6	4.7	13	11	3.5	4.5	4.4
8				---	5.2	3.6	4.1	152	2.9	3.5	4.1	4.4
9				---	5.7	3.5	3.8	9.2	2.8	3.5	4.1	4.3
10				6.0	8.2	3.5	3.8	6.0	2.9	3.5	4.3	4.3
11				5.4	40	3.5	3.9	5.0	3.0	3.5	4.8	4.3
12				5.4	9.0	3.5	4.1	4.4	2.9	3.5	4.4	4.3
13				5.1	6.3	3.5	4.1	5.3	2.9	3.7	4.9	4.2
14				5.0	5.5	3.5	5.5	4.1	2.8	4.0	3.5	4.1
15				5.0	4.9	3.4	6.4	3.7	2.8	4.1	4.6	4.1
16				21	4.7	3.4	4.9	3.5	2.8	14	42	4.2
17				7.8	4.4	3.3	4.3	3.5	5.1	3.5	5.1	4.1
18				5.8	4.4	3.3	4.2	3.5	11	3.6	4.3	4.1
19				5.6	4.8	3.3	4.2	3.4	2.8	3.7	4.5	4.1
20				5.1	4.4	3.3	4.1	3.4	2.8	3.7	4.4	4.2
21				5.0	3.9	4.4	4.0	5.3	2.8	3.8	4.3	4.1
22				5.2	3.8	3.9	4.0	3.4	2.8	9.6	4.3	4.1
23				5.4	38	3.6	31	3.1	2.8	3.6	4.3	5.1
24				5.0	34	3.2	16	3.0	2.8	3.7	15	4.2
25				4.3	13	3.2	6.0	3.0	17	3.8	4.6	4.3
26				4.2	10	3.2	4.9	3.0	2.9	110	4.4	4.3
27				6.7	6.5	6.0	5.5	3.1	2.8	6.2	4.4	4.2
28				5.1	4.4	3.9	5.4	3.7	3.0	4.1	4.5	4.2
29				4.5	---	3.6	4.4	3.3	3.0	4.1	4.5	4.2
30				5.4	---	6.2	5.4	3.2	3.0	4.1	4.5	13
31				8.4	---	14	---	3.0	---	4.1	4.4	---
TOTAL				---	276.9	128.2	182.3	303.8	119.4	238.0	223.8	138.0
MEAN				---	9.89	4.14	6.08	9.80	3.98	7.68	7.22	4.60
MAX				---	40	14	31	152	17	110	43	13
MIN				---	3.8	3.2	3.7	3.0	2.8	3.0	3.5	4.1
CF5M				---	4.40	1.84	2.70	4.36	1.77	3.41	3.21	2.04
IN.				---	4.58	2.12	3.01	5.02	1.97	3.93	3.70	2.28

YAZOO RIVER BASIN

07274251 TOWN CREEK AT WATER VALLEY, MS

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	2.6	3.3	13	2.5	2.5	2.3	2.1	2.1	2.2	2.0	2.1	2.0
2	2.4	2.7	2.4	2.6	2.5	2.4	2.1	2.1	2.2	5.5	2.4	2.0
3	2.4	2.7	2.3	2.6	2.5	2.5	2.1	2.1	2.2	2.2	2.0	2.0
4	2.4	2.6	2.4	2.6	2.7	2.4	2.1	2.2	4.8	2.2	2.0	2.0
5	2.4	2.6	2.5	2.7	2.3	2.4	2.0	2.2	7.3	2.2	2.0	2.0
6	2.4	2.6	2.4	2.8	3.5	2.4	2.0	2.2	96	2.1	2.0	1.9
7	2.4	2.6	2.3	2.8	2.4	2.3	2.1	2.2	19	2.0	2.2	2.0
8	2.4	2.6	2.5	2.7	2.3	2.3	5.7	2.2	3.6	2.0	2.1	2.0
9	2.5	2.6	2.4	2.7	2.7	2.5	2.2	2.2	3.0	2.0	2.0	1.9
10	2.5	2.6	2.4	2.7	2.6	2.5	2.2	17	4.9	2.1	2.0	1.9
11	2.5	2.4	8.6	2.6	2.4	2.4	2.2	28	14	2.5	2.0	2.2
12	2.5	2.0	3.5	2.6	2.4	31	2.2	2.5	3.1	2.2	2.0	2.1
13	2.5	2.1	2.7	2.7	2.4	2.8	2.2	2.3	2.6	2.2	1.9	1.9
14	5.7	5.1	2.2	2.7	5.3	2.5	2.2	2.2	2.5	2.2	1.9	1.9
15	3.4	8.7	2.2	2.7	2.4	2.6	2.2	2.1	2.4	2.3	2.0	1.9
16	2.7	33	2.2	2.7	2.5	2.7	2.2	2.1	2.3	2.3	5.5	2.0
17	2.9	8.5	2.2	2.7	3.2	3.1	2.2	2.0	2.3	2.3	2.1	2.0
18	3.8	5.4	2.2	2.9	2.5	47	2.2	2.4	2.3	2.3	2.0	2.1
19	4.2	5.4	2.2	2.7	2.5	4.1	3.1	2.1	2.3	2.3	2.0	1.9
20	18	5.4	2.3	2.6	2.5	2.3	4.4	2.1	2.2	2.3	2.0	2.1
21	2.7	5.4	2.2	2.7	2.3	2.2	2.1	2.1	2.2	2.3	2.0	1.9
22	2.9	5.4	2.2	2.6	2.3	2.1	2.1	2.5	2.2	2.3	2.1	2.1
23	3.3	5.4	2.2	2.6	2.3	2.1	2.1	2.1	2.3	2.3	2.1	2.0
24	2.6	5.9	2.2	2.6	2.3	2.1	2.1	3.0	2.3	2.3	2.1	2.0
25	2.7	5.5	2.2	2.7	2.3	2.1	2.2	3.5	2.3	2.3	2.1	1.9
26	2.6	5.4	2.3	2.6	2.4	2.1	2.1	4.3	2.3	2.3	2.1	2.0
27	3.4	7.3	2.4	2.6	2.4	2.1	2.1	9.3	2.3	2.3	4.0	1.9
28	3.9	4.8	2.3	2.6	2.3	2.0	2.1	13	52	2.3	2.4	1.9
29	2.6	3.5	2.3	2.6	---	2.0	2.1	2.4	2.1	2.2	2.0	1.9
30	6.3	2.8	2.5	2.5	---	2.1	2.1	2.3	2.0	2.1	2.0	2.0
31	6.9	---	2.7	2.5	---	2.1	---	2.2	---	2.1	2.0	---
TOTAL	112.5	156.3	90.4	82.2	72.7	147.5	70.8	131.0	253.2	72.0	69.1	59.4
MEAN	3.63	5.21	2.92	2.65	2.60	4.76	2.36	4.23	8.44	2.32	2.23	1.98
MAX	18	33	13	2.9	5.3	47	5.7	28	96	5.5	5.5	2.2
MIN	2.4	2.0	2.2	2.5	2.3	2.0	2.0	2.0	2.0	2.0	1.9	1.9
CFSM	1.61	2.32	1.30	1.18	1.16	2.12	1.05	1.88	3.75	1.03	.99	.88
IN.	1.86	2.58	1.49	1.36	1.20	2.44	1.17	2.16	4.18	1.19	1.14	.98

WTR YR 1986 TOTAL 1317.1 MEAN 3.61 MAX 96 MIN 1.9 CFSM 1.60 IN 21.77

YAZOO RIVER BASIN

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07274251 TOWN CREEK AT WATER VALLEY, MS

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	3.1	2.2	2.6	2.8	4.1	15	2.5	2.0	1.8	2.6	6.1	1.9
2	2.1	2.2	2.5	2.8	5.0	5.9	2.6	4.8	1.8	2.2	1.9	2.0
3	2.0	2.3	2.3	2.8	2.8	3.9	2.7	2.2	1.9	9.1	1.8	2.0
4	2.0	5.2	2.3	2.8	2.8	3.1	2.5	2.0	1.9	2.2	15	2.0
5	2.0	2.5	2.2	2.7	2.8	2.6	2.5	2.1	1.8	2.2	2.3	2.0
6	2.0	2.3	2.2	2.7	3.8	2.5	2.5	2.0	1.8	2.9	2.0	2.0
7	2.0	37	2.4	2.7	2.9	2.3	2.3	2.0	1.8	2.2	1.9	2.0
8	2.7	57	23	2.7	2.8	13	2.3	2.0	1.8	2.2	1.9	1.9
9	2.0	25	90	3.5	2.7	9.0	2.3	1.9	1.8	2.2	1.9	1.9
10	2.0	2.5	7.9	2.9	2.7	3.8	2.5	4.3	1.7	2.1	1.9	2.1
11	1.9	2.9	4.4	2.8	2.8	2.0	2.6	4.1	1.7	2.1	1.9	2.0
12	7.4	2.3	3.3	2.9	2.8	2.0	2.3	2.0	3.8	2.1	2.0	3.8
13	2.2	2.3	2.8	2.9	2.8	2.0	18	1.8	4.3	2.1	2.1	2.1
14	2.2	2.3	2.7	3.0	2.8	2.0	15	1.9	2.5	2.1	2.0	2.1
15	2.2	2.2	2.6	3.0	13	2.0	3.1	1.8	2.0	2.1	2.0	2.3
16	2.2	2.2	2.5	3.0	4.3	2.0	2.7	1.7	1.9	2.1	2.0	2.1
17	2.1	2.2	2.5	3.5	3.0	52	2.5	1.7	2.4	2.0	4.2	2.1
18	2.1	2.2	2.5	26	2.8	50	2.4	1.7	2.7	2.0	2.2	2.1
19	2.1	2.4	2.3	4.5	2.8	5.2	2.3	1.7	5.9	2.0	2.1	2.2
20	2.2	3.2	2.2	3.2	7.5	4.0	2.3	1.7	2.1	2.0	2.0	2.0
21	2.2	2.1	2.2	3.0	3.3	3.4	2.3	1.7	4.7	2.1	2.0	2.0
22	2.2	2.4	2.4	2.9	10	3.0	2.4	1.7	1.9	2.1	1.9	2.0
23	2.3	152	23	2.8	3.9	3.0	2.3	2.1	1.8	1.9	2.0	2.0
24	41	40	4.9	2.8	3.4	4.6	2.3	1.7	1.8	1.9	1.9	2.0
25	3.3	46	3.6	5.7	2.9	2.6	2.3	7.1	50	1.8	1.9	2.0
26	2.4	9.0	3.3	2.8	60	2.5	2.3	2.2	4.6	1.8	1.9	2.0
27	2.3	4.3	3.1	2.8	32	2.5	2.3	1.8	2.3	1.8	1.9	2.0
28	2.3	3.5	3.0	2.8	131	2.4	2.2	1.9	2.2	1.8	1.9	2.0
29	2.4	2.9	3.0	2.7	---	2.4	2.1	1.9	2.2	1.6	1.9	2.0
30	2.4	2.9	3.0	2.6	---	4.1	2.1	1.9	3.1	1.8	1.9	2.0
31	2.3	---	2.8	2.6	---	2.6	---	2.0	---	1.8	1.9	---
TOTAL	113.6	427.5	219.5	116.7	323.5	217.4	100.5	71.4	122.0	71.1	80.3	62.6
MEAN	3.66	14.3	7.08	3.76	11.6	7.01	3.35	2.30	4.07	2.29	2.59	2.09
MAX	41	152	90	26	131	52	18	7.1	50	9.1	15	3.8
MIN	1.9	2.1	2.2	2.6	2.7	2.0	2.1	1.7	1.7	1.8	1.8	1.9
CFSM	1.63	6.36	3.15	1.67	5.16	3.12	1.49	1.02	1.81	1.02	1.15	.93
IN.	1.88	7.06	3.63	1.93	5.35	3.59	1.66	1.18	2.02	1.17	1.33	1.03

WTR YR 1987 TOTAL 1926.1 MEAN 5.28 MAX 152 MIN 1.7 CFSM 2.35 IN 31.83

YAZOO RIVER BASIN

07274251 TOWN CREEK AT WATER VALLEY, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	2.5	2.0	4.0	2.6	2.2	8.6	2.3	2.0	2.2	2.3	1.9
2	2.0	2.5	2.0	2.8	2.5	2.4	25	2.3	4.2	6.2	2.3	1.9
3	2.0	2.6	2.1	2.6	3.0	5.4	4.3	2.2	2.2	1.9	2.2	8.8
4	2.0	2.6	2.1	2.6	3.4	2.2	3.2	2.2	2.2	1.9	2.0	1.9
5	2.0	2.8	2.0	2.5	2.2	2.2	2.9	2.2	2.2	1.9	2.0	1.9
6	2.0	3.0	2.0	2.7	2.2	2.2	3.3	2.2	2.1	1.9	2.0	1.9
7	2.0	3.2	2.0	2.7	2.2	2.2	2.6	2.2	2.0	1.9	2.0	1.9
8	2.0	3.2	2.0	2.7	2.2	15	2.6	2.2	2.0	1.9	2.0	1.9
9	2.0	17	2.0	2.5	2.2	8.2	2.5	2.3	2.0	1.9	1.9	1.9
10	2.0	3.7	2.0	2.7	2.2	5.2	2.5	2.3	2.0	10	1.9	1.9
11	2.0	2.7	2.0	2.8	2.3	3.3	5.6	2.2	2.0	2.7	1.9	1.9
12	2.0	2.7	2.0	4.5	2.2	4.6	4.3	2.2	2.0	1.9	1.9	1.9
13	2.0	2.7	2.1	3.3	2.2	3.0	2.5	2.2	2.0	1.9	1.9	1.9
14	2.0	2.8	2.3	2.5	6.2	2.8	2.5	2.2	2.0	1.9	1.9	18
15	2.0	2.8	2.2	2.5	3.0	2.8	2.4	2.2	2.0	1.9	1.9	2.0
16	2.0	44	1.9	2.5	2.2	2.7	2.3	2.2	2.0	1.9	1.8	54
17	2.0	3.1	1.9	3.3	2.2	2.7	2.3	2.2	2.0	1.9	1.7	11
18	2.0	2.2	1.9	2.7	3.3	2.8	7.4	2.2	2.0	1.9	1.7	2.6
19	2.2	2.0	3.8	134	5.7	2.6	5.0	2.2	1.9	1.9	1.7	2.0
20	2.3	2.0	2.1	9.2	2.4	2.6	2.5	2.2	1.9	2.6	1.7	2.0
21	2.0	2.0	1.9	4.6	2.3	2.6	2.4	2.2	1.9	1.9	1.7	1.9
22	2.1	2.0	2.0	3.5	2.3	2.6	2.3	4.8	1.9	1.9	2.4	2.0
23	2.2	2.0	1.9	3.0	2.2	2.6	2.4	3.0	1.9	1.9	1.9	1.9
24	2.2	2.0	95	2.8	2.2	2.7	2.5	2.4	2.0	1.9	1.9	2.5
25	2.2	2.0	3.9	2.8	2.2	6.4	2.3	2.2	2.0	4.9	1.9	1.9
26	2.8	4.0	11	2.7	2.2	2.6	2.3	2.2	2.1	2.6	2.5	1.9
27	2.3	4.8	74	2.6	2.2	2.5	2.3	2.2	2.0	1.9	1.9	1.9
28	2.3	7.1	13	2.6	2.2	2.5	2.3	2.0	2.0	1.9	1.9	1.9
29	2.3	2.0	4.1	2.6	2.2	3.8	2.3	2.0	2.0	1.9	1.9	1.9
30	2.4	2.0	3.1	2.4	---	5.1	2.3	2.0	2.0	2.4	1.9	1.9
31	2.5	---	4.8	2.3	---	4.8	---	2.1	---	2.3	1.9	---
TOTAL	65.8	140.0	257.1	227.0	76.4	115.3	117.7	71.5	62.5	77.7	60.5	142.9
MEAN	2.12	4.67	8.29	7.32	2.63	3.72	3.92	2.31	2.08	2.51	1.95	4.76
MAX	2.8	44	95	134	6.2	15	25	4.8	4.2	10	2.5	54
MIN	2.0	2.0	1.9	2.3	2.2	2.2	2.3	2.0	1.9	1.9	1.7	1.9
CFSM	.94	2.08	3.68	3.25	1.17	1.65	1.74	1.03	.92	1.12	.87	2.12
IN.	1.09	2.31	4.25	3.75	1.26	1.91	1.95	1.18	1.03	1.28	1.00	2.36
CAL YR 1987	TOTAL	1628.4	MEAN	4.46	MAX	131	MIN	1.7	CFSM	1.98	IN	26.91
WTR YR 1988	TOTAL	1414.4	MEAN	3.86	MAX	134	MIN	1.7	CFSM	1.72	IN	23.37

YAZOO RIVER BASIN

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07274251 TOWN CREEK AT WATER VALLEY, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976, April to September 1988.

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
APR								
22...	0600	2.1	130	7.00	17.0	8.5	800	940
22...	1200	2.1	88	6.90	18.0	9.6	640	620
22...	1800	2.1	130	6.90	19.0	9.6	680	390
22...	2400	2.1	87	6.80	17.5	8.2	190	1300
23...	0600	2.1	114	6.80	17.0	8.3	170	380
23...	1200	2.1	86	6.80	21.0	10.6	--	160
23...	1800	2.1	110	7.00	21.0	9.6	5700	620
23...	2400	2.3	91	6.70	19.0	7.7	3300	3200
24...	0600	2.2	133	6.90	17.0	8.0	520	1600
AUG								
16...	0635	1.8	69	7.20	19.0	8.1	680	1600
16...	1220	1.8	62	6.80	23.0	9.8	260	260
16...	1815	1.8	66	6.60	23.5	8.2	620	230
17...	0020	1.8	70	7.00	20.0	8.4	940	900
17...	0615	1.8	64	6.80	20.0	8.7	480	390
17...	1215	1.8	62	6.60	22.5	8.6	180	280
17...	1810	1.8	64	6.50	23.0	8.3	900	310
18...	0015	1.8	68	6.90	20.0	8.6	1100	580
18...	0630	1.8	70	6.40	19.5	8.6	K5700	660

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	PHOS- PHOROUS TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)
APR							
22...	0.540	0.020	0.020	0.010	0.7	9	0.05
22...	0.530	0.020	0.020	0.010	0.4	6	0.03
22...	0.540	0.020	0.020	0.010	2.1	1	0.01
22...	0.560	0.020	0.020	0.010	0.5	1	0.01
23...	0.570	0.020	0.020	0.010	0.4	1	0.01
23...	0.540	0.020	0.020	0.010	0.5	3	0.02
23...	0.520	0.020	0.030	0.010	0.5	5	0.03
23...	0.630	0.160	0.070	0.040	3.3	15	0.09
24...	0.600	0.040	0.040	0.020	0.2	2	0.01
AUG							
16...	0.490	0.040	0.030	0.010	0.7	--	--
16...	0.460	0.040	0.110	0.010	0.7	--	--
16...	0.430	0.040	0.030	0.010	0.7	--	--
17...	0.460	0.050	0.020	0.010	0.6	--	--
17...	0.470	0.040	0.020	0.010	0.6	--	--
17...	0.450	0.040	0.030	0.020	0.7	--	--
17...	0.420	0.030	0.030	0.010	0.7	--	--
18...	0.470	0.040	0.030	0.010	0.5	--	--
18...	0.480	0.040	0.030	0.010	0.6	--	--

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: Jan. 8-10, 15, Aug. 20-26. Records poor. 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.--38 years, 401 ft³/s, 17.85 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)
Apr. 2	1245	*8,460	*18.28				

No flow, Oct. 1-19, Aug. 11-19.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	1.2	11	59	27	32	1070	23	1.7	1.9	.46	.22
2	.00	1.3	6.9	77	472	30	3980	19	1.6	2.1	.31	.14
3	.00	1.3	6.2	54	1020	56	1680	16	1.4	2.2	.27	35
4	.00	1.2	5.5	44	816	153	681	14	1.1	2.1	.24	136
5	.00	1.1	4.2	36	269	132	230	13	.82	1.7	.17	27
6	.00	1.1	3.3	30	100	73	170	11	.55	1.3	.12	7.3
7	.00	1.2	2.8	34	67	57	132	9.6	.46	.94	.08	2.1
8	.00	1.2	2.7	39	59	86	104	8.8	.45	.76	.06	.72
9	.00	2.3	2.8	35	53	1480	90	8.5	.28	.63	.04	.29
10	.00	25	2.8	31	48	1180	81	8.3	.24	52	.02	.17
11	.00	22	2.9	28	43	419	77	9.1	.19	86	.00	.12
12	.00	8.3	2.8	32	47	176	288	7.4	.18	33	.00	.08
13	.00	3.6	2.8	343	44	203	216	6.3	.15	10	.00	.05
14	.00	2.4	3.1	234	47	122	117	5.3	.13	5.2	.00	.03
15	.00	1.9	7.0	81	1140	81	89	4.4	.12	2.2	.00	.01
16	.00	2.8	7.9	59	496	65	75	3.8	.10	1.2	.00	1260
17	.00	55	6.7	102	156	56	64	3.3	.10	1.5	.00	781
18	.00	30	5.0	214	106	54	121	2.8	.08	2.4	.00	507
19	.00	15	4.9	1520	195	56	1690	2.3	.07	1.7	.00	86
20	.65	9.1	6.1	1250	201	50	646	2.2	.06	.69	3.6	36
21	.44	5.8	7.3	279	99	44	158	3.7	.04	.45	.56	15
22	.31	4.2	7.6	93	73	38	89	3.8	.04	15	.16	7.6
23	.42	3.0	6.0	68	61	35	69	9.7	.02	4.0	.12	4.6
24	.51	2.3	18	57	55	33	65	10	.02	.92	.12	3.2
25	.56	2.7	35	48	48	134	53	7.9	.10	.69	.08	2.5
26	.69	2.6	24	39	44	186	47	5.3	.15	5.9	.05	1.8
27	.74	3.0	700	32	41	86	38	3.8	.13	8.2	22	1.6
28	.78	28	942	28	38	61	30	2.8	.10	3.1	8.0	2.5
29	.78	35	225	26	34	52	26	2.3	.29	1.6	3.5	106
30	.98	19	64	28	---	225	24	2.0	.89	2.4	1.0	119
31	1.1	---	43	26	---	921	---	1.7	---	1.3	.39	---
TOTAL	7.96	292.6	2169.3	5026	5899	6376	12200	231.1	11.56	253.08	41.35	3143.03
MEAN	.26	9.75	70.0	162	203	206	407	7.45	.39	8.16	1.33	105
MAX	1.1	55	942	1520	1140	1480	3980	23	1.7	86	22	1260
MIN	.00	1.1	2.7	26	27	30	24	1.7	.02	.45	.00	.01
CFSM	.001	.03	.23	.53	.67	.68	1.33	.02	.001	.03	.004	.34
IN.	.00	.04	.26	.61	.72	.78	1.49	.03	.00	.03	.01	.38

CAL YR 1987	TOTAL	75854.50	MEAN	208	MAX	9360	MIN	.00	CFSM	.68	IN	9.25
WTR YR 1988	TOTAL	35650.98	MEAN	97.4	MAX	3980	MIN	.00	CFSM	.32	IN	4.35

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: Dec. 13-23, 25-30, Jan. 6-12, 16-23, and Feb. 2-22. Records fair except for estimated daily discharges, which are poor. U.S. Army Corps of Engineers satellite telemeter at station.

AVERAGE DISCHARGE.--41 years, 357 ft³/s, 19.09 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)
Apr. 2	1300	*8,410	*17.16	No other peak greater than base discharge.			

Minimum daily discharge, 2.8 ft³/s, Oct. 15, 18.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.3	4.1	18	217	39	41	838	27	6.9	5.3	6.1	5.2
2	4.4	3.8	14	143	70	41	4100	23	7.2	5.4	125	4.8
3	4.1	3.6	14	76	165	87	1020	21	7.5	6.7	67	6.9
4	4.0	3.7	12	56	180	133	331	21	7.1	5.3	28	7.8
5	4.3	3.8	10	40	240	99	217	19	6.1	5.5	18	5.9
6	4.0	3.3	9.5	35	75	70	195	18	6.0	5.3	10	5.3
7	3.5	3.5	8.7	60	51	60	172	16	5.4	4.0	7.1	4.4
8	3.4	3.6	8.4	51	43	63	120	17	5.9	3.4	6.2	4.2
9	3.3	11	8.5	42	39	492	101	15	5.8	3.4	5.8	4.0
10	3.7	171	8.1	38	35	538	89	22	5.1	3.4	5.6	3.8
11	3.7	48	8.3	42	32	192	82	17	4.7	4.7	4.8	3.9
12	3.6	20	9.3	58	31	140	190	16	4.7	4.8	4.6	3.7
13	3.6	13	9.4	362	33	217	163	13	4.3	4.4	4.7	4.4
14	3.5	11	9.6	284	60	120	106	11	4.4	4.6	4.5	5.7
15	2.8	9.9	12	131	200	83	83	11	4.5	5.5	6.5	4.1
16	3.1	11	14	120	1000	66	72	17	4.5	3.6	5.8	555
17	3.0	55	11	250	250	56	65	12	4.9	24	4.6	510
18	2.8	33	9.8	2200	125	52	381	10	5.0	43	4.4	945
19	3.8	20	10	2500	200	56	1530	9.7	5.1	19	5.3	97
20	6.0	15	13	700	400	53	318	9.3	4.7	8.7	7.4	37
21	5.1	11	15	250	200	44	150	9.0	4.7	11	6.2	20
22	4.5	9.7	12	140	100	44	98	13	4.2	7.8	4.8	13
23	3.8	9.2	15	100	90	38	79	51	4.4	6.7	4.7	11
24	3.5	8.8	429	78	77	37	130	30	4.4	6.5	4.1	9.0
25	3.5	8.3	280	65	66	77	91	21	4.1	6.1	3.6	8.8
26	4.5	8.6	100	53	60	86	67	14	4.2	25	14	7.7
27	6.1	7.9	900	42	56	52	50	11	3.8	13	30	6.9
28	4.6	40	1400	39	52	40	38	9.0	3.3	7.9	8.4	6.8
29	4.9	55	350	39	46	40	32	8.2	3.4	5.7	7.3	22
30	4.9	26	120	36	---	193	30	7.6	3.4	4.6	5.9	44
31	4.1	---	72	37	---	775	---	7.3	---	6.0	5.1	---
TOTAL	124.4	631.8	3910.6	8284	4015	4085	10938	506.1	149.7	270.3	425.5	2367.3
MEAN	4.01	21.1	126	267	138	132	365	16.3	4.99	8.72	13.7	78.9
MAX	6.1	171	1400	2500	1000	775	4100	51	7.5	43	125	945
MIN	2.8	3.3	8.1	35	31	37	30	7.3	3.3	3.4	3.6	3.7
CFSM	.02	.08	.50	1.05	.54	.52	1.44	.06	.02	.03	.05	.31
IN.	.02	.09	.57	1.21	.59	.60	1.60	.07	.04	.06	.06	.35

CAL YR 1987 TOTAL 53000.4 MEAN 145 MAX 4670 MIN 2.2 CFSM .57 IN 7.76
WTR YR 1988 TOTAL 35707.7 MEAN 97.6 MAX 4100 MIN 2.8 CFSM .38 IN 5.23

YAZOO RIVER BASIN

07287400 BLACK CREEK AT LEXINGTON, MS

LOCATION.--Lat 33°06'19", long 90°03'12", NE1SE1 sec.35, T.15 N., R.2 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, 300 ft downstream of bridge on State Highway 17 in Lexington.

DRAINAGE AREA.--88.1 mi².

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--February 1987 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 171.14 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--(February to September 1987) Estimated daily discharges: Mar. 19 to Apr. 11 and Sept. 3-30. Records fair except for estimated daily discharges, which are poor.

(1988 Water Year) Estimated daily discharges: Oct. 1 to Jan. 8. Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7.230 ft³/s, Mar. 18, 1987, gage height, 22.31 ft; minimum daily, 14 ft³/s, Sept. 9, 10, 1987.

EXTREMES FOR CURRENT PERIOD.--February to September 1987: Maximum discharge, 7.230 ft³/s, Mar. 18, gage height, 22.31 ft; minimum daily discharge, 14 ft³/s, Sept. 9 and 10.

Water year 1988: Maximum discharge, 5.290 ft³/s Nov. 16, gage height, 19.11 ft; minimum daily discharge, 16 ft³/s, Oct. 31 and Nov. 1.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---	805	62	34	32	40	19	15
2					---	337	58	34	30	33	19	15
3					---	238	54	38	30	27	19	15
4					---	181	51	38	32	28	19	15
5					---	148	48	37	30	29	19	15
6					---	132	46	36	28	27	18	15
7					---	106	45	38	27	27	18	15
8					---	832	44	44	25	27	18	15
9					---	565	43	48	25	30	19	14
10					---	194	43	42	25	30	19	14
11					---	118	53	36	24	26	28	18
12					---	91	48	36	27	25	22	120
13					---	79	44	61	90	24	21	54
14					---	72	80	176	47	24	20	30
15					---	66	55	370	344	24	20	24
16					---	62	48	87	250	23	20	21
17					---	720	44	68	89	23	19	25
18					---	3480	42	74	44	23	20	94
19					---	600	41	96	27	23	21	45
20					---	300	40	59	75	23	20	38
21					---	280	38	51	64	26	19	22
22					---	190	38	47	27	29	19	20
23					---	160	38	45	20	46	18	19
24					---	136	37	45	19	29	18	18
25					---	115	36	331	18	22	17	18
26					2840	90	36	601	17	21	16	18
27					1650	77	38	116	16	20	16	19
28					3490	67	35	63	15	20	16	20
29					---	60	34	51	14	19	16	21
30					---	57	34	42	47	19	15	22
31					---	66	---	34	---	19	15	---
TOTAL					---	10424	1353	2878	1558	806	583	814
MEAN					---	336	45.1	92.8	51.9	26.0	18.8	27.1
MAX					---	3480	80	601	344	46	28	120
MIN					---	57	34	34	14	19	15	14
CFSM					---	3.81	.51	1.05	.59	.30	.21	.31
IN.					---	4.40	.57	1.22	.66	.34	.25	.34

YAZOO RIVER BASIN

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07287400 BLACK CREEK AT LEXINGTON, MS

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	16	38	71	30	40	301	29	23	28	24	17
2	20	17	34	58	1040	29	647	29	23	24	23	17
3	19	17	35	51	700	123	292	29	32	22	22	63
4	18	18	32	47	175	78	113	30	26	181	21	252
5	17	18	28	43	90	47	82	31	24	118	20	64
6	17	18	27	41	64	41	175	27	23	36	20	44
7	17	19	27	40	54	42	85	25	23	29	20	36
8	17	19	29	39	52	184	57	27	23	24	20	32
9	17	21	30	38	49	994	49	26	23	22	20	30
10	17	31	33	41	44	233	45	25	20	23	22	30
11	17	26	31	50	44	114	47	25	20	29	23	37
12	17	23	30	41	47	86	126	24	20	24	21	29
13	17	22	29	44	42	73	67	24	20	23	20	29
14	18	22	28	34	56	57	50	23	19	21	19	31
15	19	23	28	27	307	51	45	23	19	20	19	35
16	18	1750	26	24	90	45	42	23	19	19	19	57
17	18	1500	26	25	64	42	41	23	19	19	19	79
18	18	465	25	28	90	48	135	22	19	21	19	39
19	19	278	25	352	115	51	353	22	19	20	18	32
20	19	182	24	234	74	43	108	22	19	19	39	29
21	19	112	23	66	53	39	65	22	19	22	59	50
22	19	92	22	48	47	37	56	39	25	20	35	46
23	18	81	32	42	42	35	54	40	22	18	25	30
24	18	69	35	38	37	39	52	88	21	18	22	28
25	19	58	34	35	36	241	40	59	20	30	22	345
26	20	51	38	33	36	124	36	39	20	25	21	79
27	22	46	1220	31	38	56	31	28	19	23	19	64
28	25	44	663	30	48	46	30	26	18	22	27	60
29	20	44	214	30	46	89	30	25	18	34	21	52
30	18	42	112	30	---	405	29	24	18	72	19	42
31	16	---	87	30	---	441	---	23	---	29	17	---
TOTAL	576	5124	3065	1741	3610	3973	3283	922	633	1035	715	1778
MEAN	18.6	171	98.9	56.2	124	128	109	29.7	21.1	33.4	23.1	59.3
MAX	25	1750	1220	352	1040	994	647	88	32	181	59	345
MIN	16	16	22	24	30	29	29	22	18	18	17	17
CFSM	.21	1.94	1.12	.64	1.41	1.45	1.24	.34	.24	.38	.26	.67
IN.	.24	2.16	1.29	.74	1.52	1.68	1.39	.39	.27	.44	.30	.75
WTR YR 1988	TOTAL	26455	MEAN 72.3	MAX	1750	MIN 16	CFSM .82	IN 11.17				

YAZOO RIVER BASIN

07287400 BLACK CREEK AT LEXINGTON, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March to September 1988.

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOC CI FECAL, KF AGAR (COLS. PER 100 ML)
MAR								
24...	0600	36	103	6.40	15.0	8.6	130	3300
24...	1200	36	101	7.30	20.0	10.9	800	9300
24...	1800	51	101	6.90	20.5	8.9	1800	5300
24...	2400	57	92	7.30	19.0	9.0	1800	K22000
25...	0600	118	74	7.40	17.0	9.2	K12000	K27000
25...	1200	360	57	6.80	16.0	8.3	K12000	K13000
25...	1800	328	57	6.90	17.5	9.0	K9400	9900
25...	2400	233	54	7.20	17.0	8.6	--	5800
26...	0600	168	58	7.40	16.0	9.1	4800	4000
JUL								
26...	0600	22	87	7.50	22.0	7.8	4500	7000
26...	1200	21	94	7.70	23.0	8.2	2100	4100
26...	1800	22	102	7.50	23.5	7.8	--	5300
26...	2400	20	97	7.50	23.0	8.0	3500	3600
27...	0600	21	96	7.30	22.0	7.4	K2000	1700
27...	1200	20	102	7.30	25.0	8.4	510	640
27...	1800	21	112	7.40	28.5	6.0	--	4800
27...	2400	19	106	7.50	26.0	6.1	2900	1100
28...	0600	19	100	7.60	23.5	7.2	4000	1600

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA 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)	SEDI- MENT, SUS- PENDED (MG/L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY)
MAR							
24...	0.020	0.020	0.040	0.040	3.8	24	2.3
24...	0.020	0.020	0.040	0.040	4.0	24	2.3
24...	0.280	0.410	0.290	0.210	8.5	205	28
24...	0.050	0.020	0.140	0.060	--	95	15
25...	0.240	0.160	0.420	0.250	9.1	880	280
25...	0.190	0.130	0.440	0.220	15	1620	1570
25...	0.100	0.050	0.400	0.180	14	1140	1010
25...	0.070	0.030	0.260	0.140	14	1360	856
26...	0.080	0.030	0.220	0.130	15	808	367
JUL							
26...	0.150	0.040	0.180	0.090	3.5	88	5.2
26...	0.200	0.050	0.140	0.080	3.5	52	2.9
26...	0.160	0.050	0.160	0.090	4.8	60	3.6
26...	0.090	0.040	0.100	0.060	2.8	42	2.3
27...	0.090	0.040	0.100	0.050	2.5	43	2.4
27...	0.080	0.040	0.080	0.050	2.5	54	2.9
27...	0.060	0.080	0.090	0.070	2.8	24	1.4
27...	0.060	0.040	0.070	0.050	3.4	23	1.2
28...	0.070	0.060	0.070	0.050	2.1	30	1.5

07288800 YAZOO RIVER AT REDWOOD, MS
(National stream-quality accounting network station)

LOCATION.--Lat 32°29'14", 1 ong 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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, U.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
DEC 14...	1500	6990	95	6.90	13.5	65	7.4	72	1100	380
FEB 10...	0900	--	112	7.20	7.0	98	8.3	68	3300	2000
MAR 10...	1000	14100	104	7.40	14.0	140	8.5	83	4400	2300
JUN 01...	1200	2590	262	7.60	27.0	34	--	--	--	--
JUL 19...	1030	5550	318	7.80	31.0	39	7.3	99	2900	1300
SEP 28...	1115	2800	201	7.70	27.0	24	7.7	97	2900	1900

DATE	HARD- NESS TOTAL (MG/L AS CAC03)	HARD- NESS NONCARB TOT WAT 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)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HC03
DEC 14...	34	0	8.6	3.0	6.5	27	0.5	3.9	41
FEB 10...	39	8	10	3.4	5.9	23	0.4	2.9	34
MAR 10...	39	2	10	3.3	5.9	23	0.4	2.6	37
JUN 01...	94	0	24	8.3	13	23	0.6	2.6	127
JUL 19...	80	0	21	6.7	12	24	0.6	2.7	100
SEP 28...	76	0	19	6.9	10	21	0.5	3.8	93

DATE	ALKA- LINITY WAT DIS TOT IT 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 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)
DEC 14...	33	14	7.9	0.20	7.2	--	73	0.10	1380
FEB 10...	28	12	5.8	0.20	7.3	74	69	0.10	--
MAR 10...	30	15	4.1	0.20	6.7	70	73	0.09	2660
JUN 01...	104	12	8.5	0.30	10	145	142	0.20	1010
JUL 19...	82	11	7.0	0.30	8.2	118	121	0.16	1770
SEP 28...	76	8.6	6.8	0.10	9.5	117	116	0.16	885

YAZOO RIVER BASIN

07288800 YAZOO RIVER AT REDWOOD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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
DEC 14...	0.310	0.040	0.80	0.190	0.030	0.020	--	--	--
FEB 10...	0.450	0.090	0.90	0.180	0.050	0.020	130	--	100
MAR 10...	0.500	0.140	1.0	0.280	0.050	0.040	395	15000	99
JUN 01...	<0.100	0.040	0.80	0.090	0.040	0.010	--	--	--
JUL 19...	0.120	<0.010	0.80	0.100	0.040	0.010	318	4770	99
SEP 28...	0.190	0.020	0.30	0.170	0.060	0.040	66	499	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)
FEB 10...	130	2	45	<0.5	<1	10	<3	2	180	<5
MAR 10...	160	1	39	<0.5	<1	1	<3	3	180	<5
JUL 19...	30	2	70	<0.5	<1	<1	<3	6	21	<5
SEP 28...	30	2	74	<0.5	<1	<1	<3	3	13	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOL YB- 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)
FEB 10...	<4	12	<0.1	<10	3	<1	1.0	57	<6	10
MAR 10...	<4	12	<0.1	<10	2	--	<1.0	54	<6	26
JUL 19...	<4	6	<0.1	<10	2	<1	<1.0	110	<6	6
SEP 28...	4	15	<0.1	<10	1	<1	<1.0	100	<6	<3

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 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 1987-88 Water Years will be published in a subsequent report.

MISSISSIPPI RIVER MAIN STEM

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, 1984-87): Maximum, 595 microsiemens Aug. 10, 1986; minimum, 207 microsiemens Nov. 19, 1983. Minimum recorded (water years 1975-79, 1982-83, 1988), 200 microsiemens Dec. 17, 19, 20, 1977, Dec. 21, 1982.

WATER TEMPERATURE (water years 1977, 1981-82, 1984-87): Maximum, 32.5°C Aug. 4, 1982, Aug. 7-9, 1987; minimum, 0.0°C Jan. 15-27, Feb. 1, 2, 1977.

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED SATUR- ATION (PER- CENT)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
DEC										
15...	1100	379000	443	7.70	9.5	37	7.8	68	2900	1500
FEB										
10...	1300	918000	340	7.60	5.0	120	9.5	74	1800	190
APR										
20...	1230	882000	396	7.80	16.5	53	9.2	95	K7900	3900
JUN										
02...	1200	281000	469	8.00	24.5	23	--	--	--	--

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 WATER DIS IT FIELD MG/L AS HCO3
DEC									
15...	160	47	40	14	27	27	1	3.6	135
FEB									
10...	140	47	36	11	16	20	0.6	3.1	110
APR									
20...	160	54	43	13	20	21	0.7	2.8	129
JUN									
02...	180	56	45	17	23	21	0.8	2.9	149

DATE	ALKA- LINITY WAT DIS TOT IT 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)
DEC									
15...	111	62	27	0.30	5.4	254	251	0.35	260000
FEB									
10...	90	43	18	0.20	7.2	196	195	0.27	486000
APR									
20...	106	55	24	0.20	6.0	239	236	0.33	569000
JUN									
02...	122	67	19	0.30	--	260	254	0.35	197000

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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
DEC 15...	0.930	0.060	0.50	0.110	0.060	0.050	--	--	--
FEB 10...	1.40	0.070	0.70	0.110	0.060	0.040	389	964000	100
APR 20...	1.70	0.030	0.60	0.090	0.050	0.030	183	436000	96
JUN 02...	0.720	0.040	0.40	0.070	0.050	0.020	--	--	--

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 15...	30	1	73	<0.5	<1	1	<3	<10	34	<10
FEB 10...	60	1	58	<0.5	<1	<1	<3	1	73	<5
APR 20...	10	<1	70	<0.5	4	1	4	--	17	<5
JUN 02...	<10	1	64	<0.5	<1	<1	<3	5	<3	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOL YB- 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 15...	5	6	<0.1	<10	6	<1	1.0	200	<6	33
FEB 10...	7	5	<0.1	<10	3	<1	<1.0	140	<6	7
APR 20...	9	7	<0.1	<10	--	<1	<1.0	190	<6	260
JUN 02...	13	2	<0.1	<10	3	1	<1.0	210	<6	4

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	510	494	499	556	549	553	501	478	492	316	297	308
2	534	512	526	578	553	568	501	493	499	296	286	290
3	534	519	529	---	---	---	493	476	484	289	287	288
4	527	517	524	---	---	---	474	464	469	292	287	289
5	524	519	522	---	---	---	464	458	461	293	291	292
6	520	510	514	---	---	---	465	459	462	294	288	291
7	531	520	527	---	---	---	477	466	471	289	280	284
8	539	529	534	---	---	---	477	458	469	279	275	277
9	548	540	544	---	---	---	458	446	450	278	274	276
10	553	545	550	---	---	---	449	445	446	283	279	281
11	552	546	550	---	---	---	459	449	454	288	283	285
12	554	533	547	558	532	540	466	460	463	292	288	289
13	533	514	523	558	538	550	468	465	467	297	292	294
14	517	502	512	559	551	556	464	448	461	303	297	300
15	513	497	505	552	548	551	458	455	457	310	301	305
16	516	493	506	548	480	517	461	457	458	318	310	314
17	532	519	527	522	487	499	464	460	462	332	320	326
18	529	520	524	544	511	531	463	460	461	337	330	334
19	540	526	533	563	545	553	460	447	456	340	337	339
20	537	519	527	556	525	541	449	438	443	345	339	343
21	527	522	526	523	476	501	437	426	431	346	340	344
22	527	516	521	474	449	459	426	421	422	342	336	339
23	540	518	534	449	443	445	422	416	419	336	318	327
24	546	538	543	453	442	447	416	412	414	318	314	316
25	539	526	532	462	453	457	421	417	419	330	316	321
26	---	---	---	471	461	466	428	420	424	342	330	338
27	---	---	---	471	466	468	437	428	434	338	332	334
28	---	---	---	498	469	483	429	379	406	338	334	337
29	581	562	575	499	494	497	376	345	360	336	333	335
30	580	570	576	494	475	483	342	317	328	333	329	332
31	570	554	559	---	---	---	318	316	317	330	325	327
MONTH	581	493	532	---	---	---	501	316	441	346	274	311
	FEBRUARY			MARCH			APRIL			MAY		
1	326	324	325	404	392	399	413	410	412	423	419	420
2	326	322	324	392	378	384	413	411	413	424	422	423
3	322	320	321	380	378	378	422	412	416	425	422	423
4	326	322	323	380	378	380	429	423	427	426	424	425
5	340	326	333	388	380	385	432	429	431	430	426	429
6	350	340	345	410	388	398	434	431	433	432	430	431
7	360	350	355	444	412	428	444	430	435	437	432	435
8	360	356	360	448	440	446	449	429	444	439	436	437
9	358	340	349	440	422	430	427	382	403	439	437	438
10	340	338	340	428	420	423	381	368	373	442	439	441
11	340	334	339	444	428	437	379	370	373	445	441	443
12	336	328	331	448	442	446	393	379	385	446	444	445
13	328	326	327	442	428	435	416	394	405	445	443	444
14	326	324	325	428	404	416	428	417	424	448	443	445
15	334	326	331	402	384	392	430	428	429	451	447	449
16	342	334	338	384	382	383	429	427	428	450	445	447
17	342	340	342	384	380	382	428	424	426	445	439	442
18	344	342	343	380	378	379	426	421	424	440	438	439
19	344	342	344	378	376	378	421	411	417	447	440	444
20	344	340	342	384	378	380	411	401	406	448	444	447
21	350	342	347	396	386	391	403	400	402	448	441	444
22	359	352	355	402	396	400	401	396	398	456	442	450
23	364	359	361	406	402	404	396	394	395	466	456	461
24	370	366	368	408	404	406	397	394	395	467	462	465
25	372	370	371	413	408	410	404	397	400	469	462	465
26	370	368	369	417	413	415	408	403	406	475	459	468
27	378	368	373	417	412	414	415	406	411	480	467	477
28	396	378	386	415	412	413	419	414	416	476	458	466
29	406	396	402	415	414	414	419	418	419	476	447	461
30	---	---	---	415	412	413	419	418	419	480	455	470
31	---	---	---	414	412	412	---	---	---	480	448	466
MONTH	406	320	347	448	376	406	449	368	412	480	419	447

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	468	463	465	549	542	545	---	---	---	---	---	---
2	465	449	460	547	541	542	---	---	---	---	---	---
3	462	456	461	548	545	547	---	---	---	---	---	---
4	460	442	457	548	544	546	---	---	---	---	---	---
5	460	447	455	544	540	542	---	---	---	---	---	---
6	473	461	466	544	541	543	---	---	---	---	---	---
7	478	439	471	542	534	539	---	---	---	---	---	---
8	481	471	476	563	539	551	---	---	---	---	---	---
9	492	462	484	---	---	---	---	---	---	---	---	---
10	501	491	497	---	---	---	---	---	---	---	---	---
11	530	502	519	---	---	---	---	---	---	---	---	---
12	531	521	527	---	---	---	---	---	---	---	---	---
13	533	527	530	---	---	---	---	---	---	---	---	---
14	531	518	527	---	---	---	---	---	---	---	---	---
15	524	510	521	---	---	---	---	---	---	---	---	---
16	523	512	520	---	---	---	---	---	---	---	---	---
17	519	505	513	---	---	---	---	---	---	---	---	---
18	519	475	509	---	---	---	---	---	---	---	---	---
19	524	478	509	---	---	---	---	---	---	---	---	---
20	522	519	521	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	561	553	557	---	---	---
26	---	---	---	---	---	---	567	562	565	---	---	---
27	---	---	---	---	---	---	565	553	559	---	---	---
28	---	---	---	---	---	---	556	552	554	---	---	---
29	560	557	559	---	---	---	555	540	550	---	---	---
30	558	548	553	---	---	---	539	511	523	---	---	---
31	---	---	---	---	---	---	519	510	515	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
YEAR	---	---	---	---	---	---	---	---	---	---	---	---

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.0	5.5	5.5	7.0	7.0	7.0	13.5	13.0	13.5	18.5	18.0	18.5
2	6.5	6.0	6.0	7.0	7.0	7.0	14.0	13.5	13.5	19.0	18.5	19.0
3	6.5	6.0	6.5	7.5	7.0	7.5	15.0	14.0	14.5	19.0	18.5	19.0
4	6.5	6.5	6.5	8.0	7.5	8.0	15.5	14.5	15.0	19.5	19.0	19.0
5	6.5	6.0	6.5	8.0	8.0	8.0	16.0	15.5	15.5	19.5	19.0	19.0
6	6.0	5.5	6.0	8.0	8.0	8.0	16.0	16.0	16.0	19.5	19.5	19.5
7	5.5	5.0	5.5	8.5	8.0	8.0	16.0	16.0	16.0	20.0	19.5	19.5
8	5.0	5.0	5.0	8.5	8.5	8.5	16.0	16.0	16.0	20.0	19.5	19.5
9	5.0	4.5	5.0	9.0	8.5	9.0	16.0	16.0	16.0	20.0	20.0	20.0
10	5.0	4.5	5.0	9.0	8.5	8.5	16.0	16.0	16.0	20.5	20.0	20.0
11	5.0	4.5	5.0	9.0	8.5	9.0	16.0	15.5	16.0	20.5	20.5	20.5
12	4.5	4.5	4.5	9.0	9.0	9.0	15.5	15.0	15.5	21.0	20.5	20.5
13	4.5	4.0	4.5	9.0	8.5	9.0	15.5	15.0	15.5	21.5	21.0	21.0
14	4.0	4.0	4.0	9.0	8.5	8.5	15.5	15.5	15.5	21.5	21.5	21.5
15	4.0	4.0	4.0	8.5	8.5	8.5	16.0	15.5	16.0	22.0	21.5	22.0
16	4.0	4.0	4.0	9.0	8.5	8.5	16.0	16.0	16.0	22.5	22.0	22.5
17	4.0	4.0	4.0	9.0	8.5	9.0	16.0	16.0	16.0	23.0	22.5	22.5
18	4.0	4.0	4.0	9.0	8.5	9.0	16.5	16.0	16.0	23.0	23.0	23.0
19	4.5	4.0	4.0	8.5	8.5	8.5	16.5	16.0	16.0	23.5	23.0	23.5
20	4.5	4.0	4.5	8.5	8.5	8.5	16.5	16.0	16.0	24.0	23.5	23.5
21	5.0	4.5	4.5	9.0	8.5	9.0	16.5	16.5	16.5	24.0	23.5	23.5
22	5.5	4.5	5.0	9.5	9.0	9.5	17.0	16.5	17.0	24.0	23.0	23.5
23	5.5	5.5	5.5	10.0	9.5	9.5	17.5	17.0	17.0	23.5	23.5	23.5
24	5.5	5.5	5.5	10.5	10.0	10.0	17.5	17.5	17.5	23.5	23.0	23.0
25	6.0	5.5	6.0	11.0	10.5	10.5	18.0	17.5	17.5	23.0	23.0	23.0
26	6.5	6.0	6.0	11.5	11.0	11.5	18.0	17.5	18.0	23.0	23.0	23.0
27	6.5	6.5	6.5	12.0	11.5	12.0	18.5	18.0	18.0	23.5	23.0	23.0
28	7.0	6.5	7.0	13.0	12.0	12.5	18.5	18.0	18.0	23.5	23.5	23.5
29	7.0	7.0	7.0	13.5	12.5	13.0	18.5	18.0	18.5	24.0	23.5	23.5
30	---	---	---	13.5	13.0	13.0	18.5	18.5	18.5	24.0	23.5	24.0
31	---	---	---	13.0	13.0	13.0	---	---	---	24.5	24.0	24.5
MONTH	7.0	4.0	5.5	13.5	7.0	9.5	18.5	13.0	16.0	24.5	18.0	21.5
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.0	24.5	24.5	31.0	30.0	30.5	---	---	---			
2	25.0	24.5	25.0	31.0	30.5	30.5	---	---	---			
3	25.0	25.0	25.0	31.0	30.5	30.5	---	---	---			
4	25.0	25.0	25.0	30.5	30.0	30.5	---	---	---			
5	25.0	25.0	25.0	30.0	29.5	29.5	---	---	---			
6	25.0	25.0	25.0	29.5	29.0	29.0	---	---	---			
7	25.5	25.0	25.0	29.0	28.5	28.5	---	---	---			
8	26.0	25.5	26.0	28.5	28.0	28.5	---	---	---			
9	26.0	26.0	26.0	28.5	28.0	28.5	---	---	---			
10	26.0	25.5	26.0	28.5	28.5	28.5	---	---	---			
11	26.0	25.5	25.5	29.0	28.5	28.5	---	---	---			
12	26.0	25.5	25.5	29.0	28.5	29.0	---	---	---			
13	26.0	26.0	26.0	29.0	28.5	28.5	---	---	---			
14	26.5	26.0	26.0	29.5	28.5	29.0	---	---	---			
15	26.5	26.0	26.0	30.0	29.0	29.5	---	---	---			
16	27.0	26.0	26.5	30.0	29.5	29.5	---	---	---			
17	27.0	26.5	26.5	---	---	---	---	---	---			
18	27.0	26.5	27.0	---	---	---	---	---	---			
19	---	---	---	---	---	---	---	---	---			
20	---	---	---	---	---	---	---	---	---			
21	---	---	---	---	---	---	30.5	30.0	30.5			
22	---	---	---	---	---	---	30.5	30.0	30.5			
23	---	---	---	---	---	---	31.0	30.0	30.5			
24	---	---	---	---	---	---	31.0	29.5	30.5			
25	---	---	---	---	---	---	31.0	30.5	31.0			
26	---	---	---	---	---	---	31.0	31.0	31.0			
27	---	---	---	---	---	---	31.0	30.5	30.5			
28	---	---	---	---	---	---	30.5	30.0	30.5			
29	30.5	30.5	30.5	---	---	---	---	---	---			
30	30.5	30.0	30.5	---	---	---	---	---	---			
31	---	---	---	---	---	---	---	---	---			
MONTH	---	---	---	---	---	---	---	---	---			
YEAR	---	---	---									

BIG BLACK RIVER BASIN

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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: Nov. 21 to Dec. 4, Mar. 11-30, and May 6-24. Records good except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

AVERAGE DISCHARGE.--17 years, 1,580 ft³/s, 21.78 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 71,200 ft³/s May 21, 1983, gage height, 26.08 ft; minimum, 13 ft³/s, Oct. 14, 1987.

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)
Apr. 3	2200	*6,330	*18.22				

Minimum discharge, 13 ft³/s, Oct 14.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	23	200	1610	268	367	2450	168	50	56	181	34
2	18	23	165	1140	902	346	3120	155	52	54	118	28
3	17	23	140	852	2860	494	5260	144	55	37	78	35
4	15	24	105	696	3800	851	5930	132	47	43	58	211
5	15	26	79	536	3540	1080	5990	124	43	43	47	223
6	14	23	71	420	4040	1250	5560	115	41	37	41	159
7	15	21	68	383	4370	1210	4030	108	40	38	35	135
8	14	22	66	454	3300	870	2740	100	38	31	31	81
9	14	24	64	432	1930	1970	1320	95	37	28	28	52
10	14	34	64	391	840	2790	680	91	35	27	27	38
11	14	81	63	363	618	2550	512	87	33	30	26	31
12	14	67	64	393	612	2300	707	81	32	50	30	27
13	14	79	64	548	632	1940	1080	77	31	68	28	27
14	14	69	65	748	656	1500	1260	74	30	103	25	31
15	14	56	72	768	1810	1070	1330	72	30	78	23	41
16	15	193	94	637	2140	730	966	69	29	55	22	215
17	15	1500	77	494	1960	570	580	67	29	44	22	983
18	15	877	75	496	2130	510	488	64	28	61	21	665
19	15	381	74	1080	2420	510	1260	60	28	77	20	500
20	17	213	79	2290	2200	545	1260	58	29	94	24	298
21	16	140	125	2440	1540	545	1240	57	28	81	135	163
22	16	110	128	1990	1090	520	1140	59	28	65	72	102
23	17	84	142	1810	808	530	726	62	28	48	63	70
24	16	68	127	1240	639	640	493	78	32	44	67	55
25	16	60	112	639	543	730	396	118	28	54	102	193
26	18	60	128	439	480	800	339	101	28	64	85	146
27	19	70	1490	358	445	830	290	99	27	61	71	73
28	20	100	2820	312	419	850	250	85	26	42	55	51
29	21	180	3080	282	395	870	215	70	24	41	71	44
30	20	250	2490	267	---	1000	188	61	23	87	66	85
31	22	---	1970	264	---	1850	---	55	---	246	48	---
TOTAL	504	4881	14361	24772	47387	32618	51800	2786	1009	1887	1720	4796
MEAN	16.3	163	463	799	1634	1052	1727	89.9	33.6	60.9	55.5	160
MAX	22	1500	3080	2440	4370	2790	5990	168	55	246	181	983
MIN	14	21	63	264	268	346	188	55	23	27	20	27
CFSM	.02	.17	.47	.81	1.66	1.07	1.75	.09	.03	.06	.06	.16
IN.	.02	.18	.54	.94	1.79	1.23	1.96	.11	.04	.07	.06	.18

CAL YR 1987	TOTAL	366387	MEAN	1004	MAX	22700	MIN	14	CFSM	1.02	IN	13.84
WTR YR 1988	TOTAL	188521	MEAN	515	MAX	5990	MIN	14	CFSM	.52	IN	7.12

BIG BLACK RIVER BASIN

07290000 BIG BLACK RIVER NEAR BOVINA, MS
(National stream-quality accounting network station)

LOCATION.--Lat 32°20'51", long 90°41'48", in NW¼SE¼ 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, crest-stage gage, and supplemental nonrecording gage read twice daily. Datum of gage is 84.93 ft above National Geodetic Vertical Datum of 1929 or 35.00 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.--52 years, 3,718 ft³/s, 17.96 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. 16	2200	*16,300	*30.55	Apr. 2	0900	12,600	28.17

Minimum discharge, 107 ft³/s, Oct. 22, 23, 24, 25, gage height, 6.10 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	147	115	396	7820	583	1240	8250	764	319	250	305	288
2	141	115	366	8090	556	1130	11600	678	300	189	294	234
3	137	117	339	7760	707	1800	12200	700	285	167	276	1890
4	131	119	329	5720	4260	1840	12100	679	271	252	286	1960
5	129	118	330	3620	5580	2350	11900	636	261	219	288	1290
6	128	114	316	2310	5880	2650	12000	596	252	177	300	908
7	126	111	287	1860	6050	2580	11800	559	254	176	286	519
8	125	111	261	1820	6180	2730	11400	528	252	412	253	431
9	124	120	241	1850	6160	6580	10800	507	248	506	220	409
10	124	183	222	1870	5840	7040	9800	493	234	391	201	380
11	124	171	208	1680	5270	7000	8410	464	218	347	190	393
12	123	135	197	1270	4350	6840	6790	445	208	295	180	386
13	121	126	187	1070	2790	6480	4660	450	200	243	169	638
14	119	146	183	1150	2040	5930	2570	497	196	212	165	451
15	118	157	198	1350	5990	4910	2150	456	192	193	157	399
16	117	7240	192	1410	6790	4230	2260	421	187	183	152	373
17	116	15700	179	1380	6830	3750	2320	396	183	188	150	300
18	115	15000	173	1310	7490	2980	2920	366	178	253	146	233
19	114	14500	178	2200	9450	2300	5930	351	173	274	143	202
20	113	14200	381	3980	8990	1920	5960	337	173	248	143	209
21	111	12800	360	4230	8230	1800	5910	328	179	365	248	381
22	108	7830	334	4550	7120	1650	5670	325	178	292	307	595
23	107	2710	330	4510	6120	1410	4710	333	181	225	374	559
24	107	1030	308	4130	4340	1200	4390	322	171	200	323	489
25	109	686	304	3470	2930	3780	3070	312	166	194	285	419
26	121	825	361	2810	2270	6390	2220	320	168	206	254	362
27	126	625	2630	2170	1890	6010	1640	317	166	229	243	299
28	119	934	6740	1480	1630	4870	1210	326	164	262	217	256
29	116	753	8000	977	1410	4140	993	358	161	235	194	347
30	115	486	8230	792	---	4180	885	362	165	226	190	463
31	115	---	7960	673	---	6950	---	343	---	237	205	---
TOTAL	3746	97277	40720	89312	137726	118660	186518	13969	6285	7846	7144	16063
MEAN	121	3243	1314	2881	4749	3828	6217	451	210	253	230	535
MAX	147	15700	8230	8090	9450	7040	12200	764	319	506	374	1960
MIN	107	111	173	673	556	1130	885	312	161	167	143	202
CFSM	.04	1.15	.47	1.03	1.69	1.36	2.21	.16	.08	.09	.08	.19
IN.	.05	1.29	.54	1.18	1.82	1.57	2.47	.18	.08	.10	.09	.21

CAL YR 1987	TOTAL	1413392	MEAN	3872	MAX	37300	MIN	107	CFSM	1.38	IN	18.71
WTR YR 1988	TOTAL	725266	MEAN	1982	MAX	15700	MIN	107	CFSM	.71	IN	9.60

BIG BLACK RIVER BASIN

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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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCOI FECAL, KF AGAR (COLS. PER 100 ML)
NOV										
17...	1130	15700	61	7.10	16.0	260	7.2	73	K12000	2700
JAN										
11...	1430	1930	120	6.80	5.0	43	8.9	69	K1400	740
FEB										
22...	1300	8620	68	6.80	10.0	95	8.8	79	3300	2400
APR										
15...	1230	2120	128	7.20	18.5	78	8.2	88	K7000	2900
JUN										
20...	1300	147	256	7.60	28.5	6.2	7.1	92	160	K20
AUG										
30...	1100	136	187	6.70	30.0	10	6.3	83	940	K38

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 WATER DIS IT FIELD MG/L AS HCO3
NOV									
17...	19	0	4.6	1.9	2.2	16	0.2	4.9	21
JAN									
11...	32	2	7.5	3.3	7.5	31	0.6	3.1	17
FEB									
22...	19	3	4.5	1.9	4.6	30	0.5	3.0	59
APR									
15...	--	0	--	--	--	--	--	--	49
JUN									
20...	92	0	21	9.5	17	28	0.8	2.1	107
AUG									
30...	52	0	12	5.2	18	41	1	4.0	118

DATE	ALKA- LINITY WAT DIS TOT IT 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 CONSTITU- ENTS, DIS- SOLVED (MG/L)	SOLIDS, DIS- SOLVED (TONS PER AC-FT)	SOLIDS, DIS- SOLVED (TONS PER DAY)
NOV									
17...	17	7.7	7.7	0.20	4.3	--	49	0.07	2070
JAN									
11...	14	15	8.3	0.10	11	80	76	0.11	417
FEB									
22...	48	--	4.7	0.20	8.7	57	--	--	--
APR									
15...	40	16	7.1	0.20	--	89	--	--	--
JUN									
20...	88	12	16	0.30	14	152	147	0.21	60.3
AUG									
30...	97	12	15	0.20	2.1	104	103	0.14	38.2

BIG BLACK RIVER BASIN

07290000 BIG BLACK RIVER NEAR BOVINA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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 17...	0.490	0.140	0.80	0.430	0.170	0.140	1520	64400	99
JAN 11...	0.230	0.110	0.80	0.180	0.020	<0.010	60	313	100
FEB 22...	0.150	0.050	0.70	0.210	0.050	0.030	133	3100	100
APR 15...	0.250	0.150	1.1	0.070	0.020	0.030	322	1840	100
JUN 20...	<0.100	0.030	0.50	0.050	0.050	0.020	61	24	92
AUG 30...	<0.100	0.030	0.70	0.070	0.040	0.020	37	14	90

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 11...	240	2	47	<0.5	<1	--	<3	49	390	--
FEB 22...	590	1	35	<0.5	1	2	<3	3	420	<5
JUN 20...	<10	1	67	<0.5	<1	1	<3	1	17	<5
AUG 30...	<10	2	53	<0.5	<1	<1	<3	2	14	<5

DATE	LITHIUM DIS- SOLVED (UG/L AS LI)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	MERCURY DIS- SOLVED (UG/L AS HG)	MOL YB- 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 11...	<4	190	<0.1	<10	5	<1	<1.0	52	<6	22
FEB 22...	<4	87	<0.1	<10	<1	<1	<1.0	34	<6	42
JUN 20...	<4	3	<0.1	<10	2	<1	<1.0	160	<6	36
AUG 30...	<4	110	<0.1	<10	1	<1	<1.0	99	<6	<3

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.--Water years 1959-61 (annual maximums), June 1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 82.32 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: Jan. 12-20, Feb. 9-17. Records fair except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--27 years, 900 ft³/s, 18.72 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)
Mar. 31	0045	*18,200	*21.23				

Minimum daily discharge, 40 ft/s, July 3.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	49	171	235	160	237	8540	127	59	43	159	257
2	56	48	159	456	173	230	10500	121	57	42	190	233
3	54	47	151	352	543	1280	5330	116	56	40	147	290
4	52	46	144	256	1770	1570	2970	113	55	601	107	516
5	51	45	138	199	1310	1500	1320	127	54	385	116	1470
6	51	44	134	168	552	738	1030	116	54	308	99	845
7	50	43	131	331	403	414	970	109	55	148	83	271
8	49	42	127	866	310	381	783	103	55	110	75	163
9	49	49	125	602	260	3050	657	98	54	93	70	117
10	49	58	121	318	240	3280	539	97	53	84	78	95
11	48	68	118	237	220	1500	460	95	52	92	115	110
12	47	63	115	210	205	806	410	89	50	86	106	96
13	46	60	112	200	200	625	370	86	49	78	135	141
14	46	58	110	195	450	527	334	84	47	71	93	135
15	45	56	109	188	700	444	303	81	46	67	75	97
16	45	1950	107	181	1150	380	276	80	45	74	73	89
17	45	2620	105	180	2400	344	257	78	44	159	75	85
18	45	428	102	180	3410	340	252	75	44	388	73	74
19	45	292	105	370	5570	538	653	73	43	411	74	67
20	46	215	343	660	2670	545	468	70	53	251	76	62
21	47	197	588	1390	1220	362	328	69	83	156	327	57
22	44	182	675	608	682	313	262	74	83	122	748	54
23	43	169	420	318	495	291	263	74	82	105	204	52
24	43	160	278	257	394	277	1250	72	69	93	113	50
25	44	151	216	225	332	1700	360	71	92	94	105	48
26	49	177	412	203	286	3300	234	70	101	102	75	47
27	59	165	776	192	265	1980	194	68	62	110	70	47
28	62	174	881	184	263	717	165	66	51	94	59	44
29	57	202	434	175	252	485	145	64	47	83	51	43
30	53	185	256	169	---	5560	133	62	45	98	46	44
31	51	---	200	161	---	10900	---	60	---	126	42	---
TOTAL	1530	8043	7863	10266	26885	44614	39756	2688	1740	4714	3859	5699
MEAN	49.4	268	254	331	927	1439	1325	86.7	58.0	152	124	190
MAX	62	2620	881	1390	5570	10900	10500	127	101	601	748	1470
MIN	43	42	102	161	160	230	133	60	43	40	42	43
CFM	.08	.41	.39	.51	1.42	2.20	2.03	.13	.09	.23	.19	.29
IN.	.09	.46	.45	.58	1.53	2.54	2.26	.15	.10	.27	.22	.32
CAL YR 1987	TOTAL	339968	MEAN 931	MAX 17200	MIN 42	CFM 1.43	IN 19.37					
WTR YR 1988	TOTAL	157657	MEAN 431	MAX 10900	MIN 40	CFM .66	IN 8.98					

HOMOCHITTO RIVER BASIN

07291000 HOMOCHITTO RIVER AT EDDICETON, MS

LOCATION.--Lat 31°30'10", long 90°46'35", in SE¼NE¼ 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: Nov. 4-17, Dec. 29 to Jan. 4. Records fair.

AVERAGE DISCHARGE.--50 years, 263 ft³/s, 19.84 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)
Mar. 30	1830	*7,960	*12.14				

Minimum discharge, 30 ft³/s, June 10, 11, 12, 13.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44	48	75	93	90	125	1990	70	41	50	104	43
2	44	54	72	100	533	133	2590	67	42	46	102	49
3	43	59	71	80	1030	990	1000	61	45	45	81	177
4	43	58	68	61	331	467	583	70	49	613	82	2250
5	44	55	69	58	235	256	409	73	41	78	50	364
6	44	54	66	56	198	193	374	73	39	50	58	117
7	43	58	68	154	147	163	284	66	43	43	47	85
8	44	56	72	158	126	240	243	63	37	38	45	73
9	44	58	67	90	112	1720	222	59	36	35	48	68
10	44	60	67	73	105	850	201	55	36	34	59	83
11	43	50	67	67	112	357	189	52	34	36	54	101
12	47	46	65	64	116	240	175	53	37	35	46	75
13	43	47	67	77	102	202	158	54	39	35	43	188
14	40	46	69	72	122	165	148	51	41	33	43	384
15	42	46	68	65	1740	144	139	50	40	34	70	101
16	41	49	64	62	364	131	129	48	45	35	46	84
17	41	235	68	62	205	123	123	43	61	634	42	86
18	42	130	69	60	1320	220	142	41	54	432	49	80
19	42	100	80	141	1150	211	122	41	46	121	42	76
20	45	88	136	297	391	169	81	39	44	73	39	74
21	42	84	184	109	233	144	71	45	46	152	39	72
22	41	82	157	81	175	125	69	47	51	221	48	71
23	43	81	107	71	155	126	74	47	44	80	48	69
24	52	84	90	68	146	125	72	42	51	61	47	69
25	62	78	83	66	137	1650	85	40	53	79	50	67
26	59	75	88	62	127	691	79	40	58	109	43	66
27	80	77	109	59	145	301	72	38	57	73	40	66
28	62	102	121	58	149	209	75	41	46	68	39	67
29	61	88	81	58	133	196	81	40	42	74	38	65
30	50	76	76	58	---	3570	70	39	85	71	38	88
31	50	---	84	57	---	2620	---	39	---	86	43	---
TOTAL	1465	2224	2628	2637	9929	16856	10050	1587	1383	3574	1623	5258
MEAN	47.3	74.1	84.8	85.1	342	544	335	51.2	46.1	115	52.4	175
MAX	80	235	184	297	1740	3570	2590	73	85	634	104	2250
MIN	40	46	64	56	90	123	69	38	34	33	38	43
CFSM	.26	.41	.47	.47	1.90	3.02	1.86	.28	.26	.64	.29	.97
IN.	.30	.46	.54	.54	2.05	3.48	2.08	.33	.29	.74	.34	1.09
CAL YR 1987	TOTAL	96561	MEAN 265	MAX 6350	MIN 40	CFSM 1.47	IN 19.96					
WTR YR 1988	TOTAL	59214	MEAN 162	MAX 3570	MIN 33	CFSM .90	IN 12.24					

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.--No estimated daily discharges. Record fair.

AVERAGE DISCHARGE.--37 years, 1,118 ft³/s, 20.24 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)
Mar. 25	1700	*26,900	*15.86	Apr. 2	1030	23,400	15.20
Mar. 31	0100	25,900	15.67				

Minimum daily discharge, 179 ft³/s, July 3, Aug. 29.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	250	215	229	464	319	372	10200	504	242	209	250	251
2	221	213	220	645	1790	373	15000	466	234	190	292	240
3	202	209	218	547	4980	2130	3920	424	228	179	279	486
4	186	209	218	430	2330	4710	2440	409	251	389	270	8080
5	180	207	217	383	1680	1830	1840	390	360	778	287	2920
6	184	203	221	354	1560	1170	1870	377	284	635	315	912
7	172	200	225	695	1050	919	1670	369	267	400	266	514
8	170	206	227	1300	823	815	1340	361	254	302	243	356
9	193	233	231	684	685	7580	1170	352	239	271	243	286
10	198	305	230	490	577	4830	1060	350	230	272	356	532
11	202	284	230	424	658	1900	1000	344	223	281	437	791
12	208	---	231	404	839	1380	928	332	223	271	318	461
13	215	237	226	451	626	1130	866	325	223	250	275	883
14	219	238	233	525	592	899	834	324	220	249	255	1010
15	217	239	239	415	6520	731	801	318	217	223	256	669
16	212	403	251	366	2450	635	762	306	208	216	329	1640
17	210	1360	236	345	1480	575	725	296	205	320	258	1810
18	213	625	238	338	5290	1070	749	272	207	1060	349	728
19	214	312	256	563	6350	1250	1290	254	212	948	286	540
20	208	256	873	2220	2380	851	882	245	218	563	269	457
21	199	234	1160	1030	1530	683	692	249	211	348	234	392
22	194	231	1280	582	1140	602	680	286	258	1150	230	365
23	195	240	644	469	939	556	696	292	240	584	241	365
24	199	237	450	428	745	547	727	267	207	322	288	367
25	204	228	405	422	559	10400	674	253	210	259	555	362
26	236	223	451	384	505	4700	621	249	243	310	282	344
27	286	239	1020	345	466	1960	580	248	252	292	210	325
28	236	334	843	322	454	1330	534	249	220	243	190	311
29	210	342	538	311	420	1060	520	247	191	229	179	300
30	211	259	428	299	---	9640	517	242	181	273	180	315
31	215	---	409	291	---	14100	---	241	---	285	191	---
TOTAL	6459	---	12877	16926	49737	80728	55588	9841	6958	12301	8613	27012
MEAN	208	---	415	546	1715	2604	1853	317	232	397	278	900
MAX	286	---	1280	2220	6520	14100	15000	504	360	1150	555	8080
MIN	170	---	217	291	319	372	517	241	181	179	179	240
CFSM	.28	---	.55	.73	2.29	3.47	2.47	.42	.31	.53	.37	1.20
IN.	.32	---	.64	.84	2.47	4.00	2.76	.49	.35	.61	.43	1.34

HOMOCHITTO RIVER BASIN

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 1987 TO SEPTEMBER 1988

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (FTU)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, (PER- CENT SATUR- ATION)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
NOV 23...	1330	244	86	7.00	17.5	3.6	8.3	87	K88	K15
JAN 11...	1030	430	76	6.80	6.0	7.1	10.2	81	180	K60
APR 18...	1400	732	75	6.90	23.5	4.5	9.1	109	K380	170
JUL 22...	1100	1400	49	6.60	30.0	220	7.0	93	940	1500

DATE	HARD- NESS TOTAL (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)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3
NOV 23...	13	0	3.2	1.3	10	60	1	1.0	14
JAN 11...	13	2	2.9	1.3	8.4	56	1	1.5	17
APR 18...	15	3	3.5	1.4	8.9	54	1	1.4	14
JUL 22...	8	3	2.0	0.83	5.1	51	0.8	1.7	9

DATE	ALKA- LINITY WAT DIS TOT IT 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 23...	12	2.9	15	0.10	15	60	57	0.08	39.5
JAN 11...	14	6.0	13	0.10	14	56	55	0.08	65.0
APR 18...	12	4.8	13	0.10	13	56	54	0.08	111
JUL 22...	7	6.4	8.0	0.10	7.2	42	36	0.06	159

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 23...	<0.100	0.030	<0.20	0.090	<0.010	<0.010	8	5.3	100
JAN 11...	0.100	0.040	0.30	0.020	0.010	<0.010	4	4.6	100
APR 18...	<0.100	0.010	0.20	0.020	<0.010	<0.010	305	603	12
JUL 22...	0.270	0.060	1.4	0.280	0.010	<0.010	665	2510	99

HOMOCHITTO RIVER BASIN

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07292500 HOMOCHITTO RIVER AT ROSETTA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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 23...	30	<1	29	<0.5	<1	<1	<3	1	240	<5
JAN 11...	20	1	31	<0.5	<1	10	<3	1	87	<5
APR 18...	30	1	42	<0.5	4	1	<3	4	270	<5
JUL 22...	90	<1	30	<0.5	<1	1	<3	2	130	<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)	VAN A- DIUM, DIS- SOLVED (UG/L AS V)	ZINC, DIS- SOLVED (UG/L AS ZN)
NOV 23...	<4	120	<0.1	<10	3	<1	<1.0	41	<6	3
JAN 11...	<4	82	<0.1	<10	1	<1	<1.0	35	<6	39
APR 18...	<4	33	<0.1	<10	3	<1	<1.0	42	<6	9
JUL 22...	<4	76	<0.1	<10	5	<1	<1.0	25	<6	10

BUFFALO RIVER BASIN

07295000 BUFFALO RIVER NEAR WOODVILLE, MS

LOCATION.--Lat 31°13'35", long 91°17'45", in SW 1/4 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.--46 years, 277 ft³/s, 20.67 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)
Mar. 25	1515	*25,400	*14.68	Sept. 4	0815	16,700	13.18
Mar. 31	2030	16,000	13.02	Sept. 16	1830	18,300	13.48

Minimum daily discharge, 38 ft³/s, Oct. 8, 12-15.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	43	56	130	253	140	2110	84	52	50	70	96
2	42	43	54	245	1280	140	7120	80	51	49	137	112
3	40	42	54	115	852	918	935	79	49	47	82	323
4	39	42	53	94	379	544	501	78	53	48	76	4250
5	40	40	52	83	683	236	348	73	131	61	79	417
6	40	41	52	77	476	180	317	71	69	126	83	164
7	39	42	53	326	216	155	236	72	63	72	70	106
8	38	43	55	208	169	208	189	69	56	61	68	83
9	39	56	52	125	145	4520	160	67	51	53	68	74
10	39	91	52	110	131	756	141	66	46	52	134	1920
11	39	54	53	102	255	352	140	67	43	65	152	395
12	38	48	52	97	210	279	121	67	42	63	118	198
13	38	47	51	118	141	233	102	67	43	59	90	350
14	38	47	52	112	155	189	92	65	42	55	73	91
15	38	47	59	93	2150	167	83	63	41	52	70	74
16	39	301	57	90	378	155	76	61	41	50	69	3820
17	39	490	52	92	238	145	72	60	42	51	69	1040
18	39	92	51	94	3620	508	115	60	43	258	69	276
19	39	72	58	217	1410	242	648	58	43	89	68	249
20	39	63	344	273	530	168	132	57	49	71	67	146
21	42	60	421	138	351	144	96	63	46	81	69	116
22	39	58	276	118	287	130	89	92	45	245	80	103
23	39	57	119	110	253	125	89	86	44	84	79	95
24	40	55	93	109	227	127	88	73	45	66	86	89
25	41	54	82	113	194	6590	86	63	47	65	110	85
26	54	53	104	101	178	1590	84	59	139	65	71	81
27	75	55	229	95	167	539	82	56	66	64	69	79
28	46	138	128	91	160	365	80	54	84	63	68	79
29	42	74	92	90	151	308	81	52	63	62	68	78
30	42	60	83	91	---	3730	83	50	54	67	98	83
31	41	---	87	91	---	6980	---	51	---	69	74	---
TOTAL	1289	2408	3076	3948	15639	30863	14496	2063	1683	2363	2584	15072
MEAN	41.6	80.3	99.2	127	539	996	483	66.5	56.1	76.2	83.4	502
MAX	75	490	421	326	3620	6980	7120	92	139	258	152	4250
MIN	38	40	51	77	131	125	72	50	41	47	67	74
CFSM	.23	.44	.55	.70	2.96	5.47	2.65	.37	.31	.42	.46	2.76
IN.	.26	.49	.63	.81	3.20	6.31	2.96	.42	.34	.48	.53	3.08
CAL YR 1987	TOTAL	138136	MEAN 378	MAX 12700	MIN 36	CFSM 2.08	IN 28.23					
WTR YR 1988	TOTAL	95484	MEAN 261	MAX 7120	MIN 38	CFSM 1.43	IN 19.52					

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, at datum 2.99 ft higher.

AVERAGE DISCHARGE.--38 years, 925 ft³/s, 21.66 in/yr.

REMARKS.--Records good. Several measurements of water temperature were made during the year.

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 CURRENT YEAR.--Peak discharge greater than base 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. 19	1100	9,590	12.50	Apr. 3	0130	*22,000	*16.69
Mar. 27	0300	9,530	12.47				

Minimum discharge, 238 ft³/s, Oct. 22, gage height, 2.58 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	273	257	306	391	1170	559	10300	460	322	305	256	294
2	269	254	294	471	5660	538	14900	449	316	292	271	287
3	262	254	289	509	3230	1680	19800	438	321	287	362	481
4	255	255	288	443	2740	3890	11000	432	327	489	313	3320
5	255	255	286	401	2360	3380	3780	423	376	598	265	6360
6	258	250	284	380	3090	1840	1880	412	356	1560	268	2510
7	256	248	292	430	1960	1120	1560	407	340	1100	282	947
8	252	251	296	730	1240	885	1270	407	329	602	266	629
9	252	260	294	660	936	2470	923	405	319	431	274	503
10	252	270	290	542	776	5070	e800	399	307	381	421	559
11	252	280	288	453	805	2880	e730	397	298	362	603	1310
12	250	269	288	413	1190	1500	e675	388	293	345	507	892
13	247	260	285	426	997	1100	e635	384	291	329	328	603
14	247	263	286	443	819	866	e600	380	289	326	304	1090
15	249	265	289	421	3230	726	e570	376	288	302	275	707
16	249	299	299	403	4450	645	e550	373	282	291	264	539
17	250	609	294	398	2620	592	e530	370	281	283	261	604
18	249	639	285	406	3080	869	e620	360	292	449	279	567
19	249	411	290	505	9020	1240	734	352	375	470	383	465
20	248	325	382	1300	7180	983	1130	349	526	405	328	414
21	243	297	611	1360	3980	756	805	360	385	364	278	382
22	240	287	872	803	1630	650	656	387	637	425	264	361
23	242	285	643	586	1170	586	605	391	381	450	261	344
24	246	285	500	508	955	542	578	387	321	346	271	333
25	250	285	426	511	813	1100	550	364	395	297	263	324
26	266	285	396	478	719	7950	523	343	814	283	288	316
27	302	288	464	434	664	8740	503	335	483	280	269	309
28	290	333	564	410	629	3790	482	333	410	269	252	302
29	261	374	474	394	592	1470	468	330	363	263	261	296
30	255	336	409	386	---	2210	465	328	320	267	266	294
31	257	---	379	381	---	8340	---	325	---	258	280	---
TOTAL	7926	9229	11643	16376	67705	68967	78622	11844	11037	13109	9463	26342
MEAN	256	308	376	528	2335	2225	2621	382	368	423	305	878
MAX	302	639	872	1360	9020	8740	19800	460	814	1560	603	6360
MIN	240	248	284	380	592	538	465	325	281	258	252	287
CFSM	.44	.53	.65	.91	4.03	3.84	4.52	.66	.63	.73	.53	1.51
IN.	.51	.59	.75	1.05	4.34	4.42	5.04	.76	.71	.84	.61	1.69

CAL YR 1987	TOTAL 446221	MEAN 1223	MAX 18900	MIN 240	CFSM 2.11	IN. 28.62
WTR YR 1988	TOTAL 332263	MEAN 908	MAX 19800	MIN 240	CFSM 1.57	IN. 21.31

e Estimated

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 flood hydrograph partial-record stations are presented in the following tables. Annual maximum discharges for crest-stage partial-record stations, discharge measurements made at low-flow partial-record sites and at miscellaneous sites and for special studies are given in separate tables.

The data given in the following tables generally comprise a description of the station and a table showing time, gage height, and discharge at selected times for major peaks that occurred during the year.

The description of the station gives the location, drainage area, period of record, type and history of gages, extremes of discharge, and general remarks. The explanation of data presented is identical to that for gaging stations.

Flood hydrograph partial-record stations

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 1987 (high water records only). Current year (flood hydrograph 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.--Discharges below 3,000 ft³/s not determined. No discharges above 3,000 ft³/s in 1988 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)
Mar. 3	2100	<3,000	*9.99				

Flood hydrograph partial-record stations

MOBILE RIVER BASIN

Q2437000 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.

PERIOD OF RECORD.--October 1937 to September 1985. October 1985 to September 1987 (high-water records only). Current year (flood hydrograph only). Monthly discharge only for October and November 1937, published in WSP 1304. Daily discharge greater than 1000 ft³/s published October 1985 to September 1987. Daily mean gage heights published October 1971 to September 1986.

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 Q2437500), 20 mi downstream, was used as an auxiliary gage for this station 1950-58.

REMARKS.--No estimated discharges. Records good. 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)
Jan. 20	0545	*14,700	*20.32				

Minimum daily discharge, not determined.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1988 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-27	0900	12.56	2,510	01-19	0700	12.57	2,520	04-02	0800	13.08	3,030
12-27	1000	13.73	3,720	01-19	0800	13.68	3,660	04-02	0900	13.34	3,300
12-27	1100	15.05	5,330	01-19	0900	15.06	5,340	04-02	1000	14.95	5,200
12-27	1200	15.84	6,440	01-19	1000	15.77	6,330	04-02	1100	16.05	6,750
12-27	1300	16.48	7,410	01-19	1100	16.43	7,330	04-02	1200	16.92	8,120
12-27	1400	16.98	8,220	01-19	1300	17.31	8,770	04-02	1300	17.44	9,000
12-27	1500	17.35	8,840	01-19	1600	17.88	9,770	04-02	1400	18.02	10,000
12-27	1600	17.80	9,630	01-19	1800	18.11	10,200	04-02	1500	18.41	10,800
12-27	1800	18.26	10,500	01-19	1900	18.29	10,500	04-02	1600	18.73	11,400
12-27	2000	18.50	10,900	01-19	2100	18.69	11,300	04-02	1700	19.06	12,000
12-27	2200	18.62	11,200	01-19	2200	18.93	11,800	04-02	1800	19.23	12,400
12-27	2400	18.74	11,400					04-02	1900	19.29	12,500
				01-20	0100	19.76	13,500	04-02	1945	19.40	12,700
12-28	0215	18.80	11,500	01-20	0300	20.10	14,200	04-02	2100	19.35	12,600
12-28	0400	18.64	11,200	01-20	0500	20.29	14,600	04-02	2200	19.24	12,400
12-28	0700	18.32	10,600	01-20	0545	20.32	14,700	04-02	2300	19.11	12,100
12-28	0900	18.04	10,100	01-20	0700	20.27	14,600	04-02	2400	18.92	11,700
12-28	1200	17.59	9,260	01-20	0900	20.18	14,400				
12-28	1500	17.10	8,420	01-20	1100	19.86	13,700	04-03	0300	18.07	10,100
12-28	1800	16.54	7,500	01-20	1400	18.95	11,800	04-03	0600	17.05	8,330
12-28	2100	15.95	6,600	01-20	1700	17.79	9,610	04-03	0900	16.33	7,170
12-28	2400	15.33	5,710	01-20	2000	16.60	7,600	04-03	1200	15.51	5,960
				01-20	2400	15.59	6,070	04-03	1800	14.47	4,590
12-29	0600	14.75	4,940					04-03	2400	13.90	3,910
12-29	1200	14.08	4,120	01-21	0300	15.13	5,440				
12-29	1800	13.53	3,500	01-21	1200	14.20	4,260				
12-29	2400	13.23	3,180	01-21	1800	13.94	3,950				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations

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 Catalpa Creek, and 17.7 mi upstream from mouth.

DRAINAGE AREA.--926 mi².

PERIOD OF RECORD.--August 1928 to September 1930, October 1939 to January 1981, February 1981 to September 1987 (high-water records only). Current year (flood hydrograph only). Monthly discharge only for September 1930 and October 1939, published in WSP 1034. Daily discharge greater than 500 ft³/s published February 1981 to September 1987. 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 discharges. Records good. 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)
Apr. 4	0915	*9,430	*22.45				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1988 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
02-02	1200	9.22	537	02-07	0600	9.73	832	04-03	0600	19.97	6,630
02-02	1800	12.58	2,300	02-07	1200	9.41	660	04-03	1200	21.15	7,540
02-02	2400	13.48	2,730	02-07	1800	9.29	580	04-03	1800	21.97	8,440
				02-07	2400	9.24	549	04-03	2400	22.29	9,090
02-03	0600	13.90	2,930					04-04	0600	22.42	9,360
02-03	1200	14.13	3,040	03-30	0600	9.35	620	04-04	0915	22.45	9,430
02-03	1800	14.85	3,390	03-30	1200	9.71	821	04-04	1200	22.43	9,380
02-03	2400	15.87	3,950	03-30	1800	10.16	1,050	04-04	1800	22.41	9,330
				03-30	2400	10.66	1,330	04-04	2400	22.28	9,070
02-04	0600	16.71	4,430	03-31	0600	11.58	1,770	04-05	0600	22.07	8,630
02-04	1200	17.13	4,680	03-31	1200	12.42	2,210	04-05	1200	21.71	8,090
02-04	1345	17.18	4,720	03-31	1800	13.41	2,700	04-05	1800	21.12	7,510
02-04	1800	17.15	4,700	03-31	2400	14.79	3,370	04-05	2400	20.34	6,910
02-04	2400	16.93	4,560								
02-05	0600	16.53	4,320	04-01	0600	15.74	3,870	04-06	0600	19.31	6,140
02-05	1200	16.02	4,030	04-01	1200	16.24	4,150	04-06	1200	18.03	5,260
02-05	1800	15.48	3,370	04-01	1800	16.53	4,320	04-06	1800	16.34	4,210
02-05	2400	14.82	3,380	04-01	2400	16.72	4,440	04-06	2400	14.39	3,160
02-06	0600	13.91	2,930	04-02	0600	16.93	4,560	04-07	0600	12.03	2,000
02-06	1200	12.67	2,350	04-02	1200	17.74	5,070	04-07	1200	10.33	1,140
02-06	1800	11.23	1,600	04-02	1800	18.35	5,470	04-07	1800	9.64	785
02-06	2400	10.18	1,060	04-02	2400	19.00	5,920	04-07	2400	9.43	671

Flood hydrograph partial-record stations

PEARL RIVER BASIN

02485800 EUBANKS CREEK AT JACKSON, MS

LOCATION.--Lat 32°21'00", long 90°09'50", in NW¼NE¼ sec.26, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, near left bank at downstream side of Wood Dale Drive bridge in Jackson, 1,600 ft upstream from Interstate 55 and 1.3 mi upstream from the mouth.

DRAINAGE AREA.--3.91 mi².

PERIOD OF RECORD.--August 1953 to current year (annual peaks only prior to current year).

GAGE.--Water-stage recorder. Datum of gage is 262.02 ft above National Geodetic Vertical Datum of 1929, supplementary adjustment of 1941. A continuous recorder was previously located 1,600 ft downstream from the present site at datum 0.74 ft lower than the present and was in operation from July 1954 to August 1959. A crest-stage gage was also in operation from November 1953 through February 1959, located 1,700 ft downstream from the present site.

REMARKS.--Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,200 ft³/s, Apr. 29, 1953, gage height, 12.20 ft; minimum discharge, not recorded.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,720 ft³/s, Apr. 2, 1988, gage height 10.34 ft; minimum discharge, not recorded.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1988 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-25	0615	5.48	231	03-30	1400	6.90	589	04-02	0530	9.24	1,330
03-25	0630	7.11	650	03-30	1415	7.17	668	04-02	0600	8.28	1,020
03-25	0645	7.94	910	03-30	1430	7.25	692	04-02	0630	6.99	615
03-25	0700	7.92	904	03-30	1500	6.97	609	04-02	0700	5.87	319
03-25	0715	7.66	819	03-30	1530	6.35	438	04-02	0730	5.16	166
03-25	0730	7.29	704	03-30	1600	5.68	275	04-02	0800	4.74	93
03-25	0800	6.42	457	03-30	1630	5.29	191	04-02	0830	4.54	66
03-25	0830	5.72	284	03-30	1700	5.15	164	04-02	0900	4.39	48
03-25	0900	5.44	222	03-30	1730	5.02	140	04-02	0930	4.22	32
03-25	0930	5.10	154	03-30	1800	4.92	122	04-02	1000	4.08	21
03-25	1000	4.76	96	03-30	1830	4.79	101				
03-25	1030	4.45	55	03-30	1900	4.67	83	04-23	1100	4.24	34
03-25	1100	4.20	30	03-30	1930	4.55	67	04-23	1115	5.93	333
03-25	1130	4.02	17	03-30	2000	4.48	59	04-23	1130	6.49	475
				03-30	2030	4.43	53	04-23	1145	6.85	575
03-30	1215	4.91	120	03-30	2100	4.34	43	04-23	1200	7.63	810
03-30	1230	5.92	331	03-30	2130	4.24	34	04-23	1215	7.43	747
03-30	1245	6.37	443	03-30	2200	4.14	25	04-23	1230	6.89	586
03-30	1300	6.51	481	03-30	2230	4.03	17	04-23	1245	6.39	449
03-30	1315	6.66	522					04-23	1300	5.92	331
03-30	1330	6.80	561	04-02	0415	4.00	15	04-23	1330	5.15	164
03-30	1345	6.83	569	04-02	0430	7.74	845	04-23	1400	4.65	80
				04-02	0445	9.93	1,580	04-23	1430	4.33	42
				04-02	0500	10.34	1,720	04-23	1500	4.09	21

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations

PEARL RIVER BASIN

02486100 LYNCH CREEK AT JACKSON, MS

LOCATION.--Lat 32°17'04", long 90°12'52", in SW1SE1 sec.8, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, near left bank at the downstream side of Valley Street bridge in Jackson, 2,000 ft downstream of Highway 80, and 2.0 mi upstream from the mouth.

DRAINAGE AREA.--12.0 mi² (11.1 mi² at U.S. Highway 80, furnished by City of Jackson plus 0.9 mi² intervening area estimated from City of Jackson 2-ft contour map).

PERIOD OF RECORD.--August 1954 to current year (annual peaks only prior to current year).

GAGE.--Water-stage recorder. Datum of gage is 261.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,600 ft³/s, June 16, 17, 1958, gage height, 18.05 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 29, 1953, maximum discharge, 7,500 ft³/s, gage height, 18.9 ft (from floodmark). Flood prior to 1939 reached a stage of 19.2 ft (from Mississippi Highway Department).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,040 ft³/s, Apr. 2, gage height, 13.85 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1988 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
03-30	1145	1.72	49	04-02	0200	1.84	58	04-23	0945	1.69	47
03-30	1200	2.29	96	04-02	0300	1.94	66	04-23	1000	2.09	78
03-30	1215	2.93	162	04-02	0330	2.04	74	04-23	1015	3.87	284
03-30	1230	4.58	395	04-02	0400	2.10	79	04-23	1030	8.10	1,150
03-30	1245	6.34	733	04-02	0430	2.19	87	04-23	1045	9.67	1,590
03-30	1300	7.95	1,110	04-02	0445	2.62	128	04-23	1100	10.25	1,770
03-30	1315	8.86	1,360	04-02	0500	5.76	612	04-23	1115	10.81	1,950
03-30	1330	9.39	1,510	04-02	0515	10.25	1,770	04-23	1130	11.05	2,030
03-30	1345	9.52	1,550	04-02	0530	12.44	2,510	04-23	1145	11.02	2,020
03-30	1400	9.60	1,570	04-02	0545	13.26	2,810	04-23	1200	10.91	1,980
03-30	1415	9.87	1,650	04-02	0600	13.70	2,980	04-23	1230	10.44	1,830
03-30	1430	10.36	1,800	04-02	0615	13.85	3,040	04-23	1300	9.84	1,640
03-30	1445	10.92	1,990	04-02	0630	13.78	3,010	04-23	1330	9.02	1,400
03-30	1500	11.32	2,120	04-02	0700	13.29	2,820	04-23	1400	7.88	1,100
03-30	1515	11.49	2,180	04-02	0730	12.33	2,470	04-23	1430	6.82	839
03-30	1530	11.47	2,170	04-02	0800	11.21	2,080	04-23	1500	5.76	612
03-30	1600	11.03	2,020	04-02	0830	10.22	1,760	04-23	1530	4.81	434
03-30	1700	9.42	1,520	04-02	0900	9.28	1,480	04-23	1600	4.17	329
03-30	1800	7.85	1,090	04-02	0930	8.20	1,160	04-23	1700	3.44	225
03-30	1900	6.81	837	04-02	1000	7.13	912	04-23	1800	3.14	187
03-30	2000	6.27	718	04-02	1030	6.29	722	04-23	1900	2.87	155
03-30	2100	5.84	628	04-02	1100	5.61	582	04-23	2000	2.67	133
03-30	2200	5.40	542	04-02	1130	5.01	470	04-23	2200	2.48	114
03-30	2300	4.92	454	04-02	1200	4.56	392	04-23	2400	2.27	94
03-30	2400	4.44	372	04-02	1300	3.97	299				
				04-02	1400	3.54	238				
03-31	0100	4.02	307	04-02	1500	3.28	204				
03-31	0200	3.61	248	04-02	1700	2.91	160				
03-31	0300	3.31	208	04-02	2000	2.59	125				
03-31	0400	3.07	178	04-02	2400	2.32	98				
03-31	0500	2.93	162								
03-31	0600	2.77	144								
03-31	0700	2.65	131								
03-31	0800	2.54	120								
03-31	0900	2.46	112								
03-31	1000	2.40	106								
03-31	1100	2.34	100								
03-31	1200	2.30	97								
03-31	1300	2.26	93								
03-31	1400	2.21	88								
03-31	1500	2.17	85								
03-31	1530	2.16	84								

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 1988

Annual maximum discharge at crest-stage partial-record stations during water year 1900						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†, 1971-88	1-19-88	13.96	4,620
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	1953-88	4-18-88	12.69	(†)
*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†, 1968-88	4-18-88	4.42	4,670
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, 1952-88	4- 3-88	91.93	5,500
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	1967-88	9-27-88	3.89	(†)
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†, 1969-88	2-13-88	6.96	1,220
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.	66.7	1963-68, 1969-80, 1984-86, 1988	11-10-87	(b)	(†)
*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†, 1974-88	4- 2-88	12.68	3,140

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 1988

Annual Maximum Discharge at Selected Record Stations during Water Year 1968							Annual Maximum	
Station No.	Station Name	Location	Drainage area (mi ²)	Period of record	Date	Gage height	Dis-charge	
						(feet)	(ft ³ /s)	
MOBILE RIVER BASIN--Continued								
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†, 1969-88	3- 9-88	13.23	2,130	
*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†, 1974-88	4- 2-88	16.23	7,220	
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	1952-88	2-15-88	15.84	690	
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	1952-88	4-21-88	18.24	(†)	
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	1966-88	2- 4-88	3.76	58	
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†, 1969-88	2- 4-88	(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†, 1978-88	1-21-88	12.10	2,920	
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	1967-88	3- 4-88	4.27	69	
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	1940-43 ^c , 1957-88	4- 3-88	(d)	<4,800	
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	1968-88	4- 3-88	240.57	6,800	

See footnotes at end of table.

Annual maximum discharge at crest-stage partial-record stations during water year 1988

Annual maximum discharge at crest-stage partial-record stations during water year 1966					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†, 1968-88	4- 2-88	285.66	2,300
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 southwest of junction with U.S. Highway 49.	262	1968-88	2-19-88	16.39	3,140
02473047	Gordon Creek 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	1969-88	7-17-88	10.26	1,320
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†, 1971-88	4- 3-88	13.57	495
02473850	Tallanoma 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	1966-88	4- 3-88	7.14	730
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	1951-88	4- 2-88	(d)	<1,560
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	1955-88	4- 2-88	5.18	155
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	1965-88	9- 4-88	7.13	340
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	1963-88	3-26-88	12.12	1,200
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†, 1972-88	4- 2-88	15.68	4,170

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 1988

Annual maximum discharge at crest-stage partial-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)
BILOXI RIVER BASIN							
02481130	Biloxi River near Lyman, MS	Lat 30°29'18", long 89°02'09", in SE½SE¼ 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	1965-88	4- 2-88	18.72	12,200
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	1965-88	12-28-87	2.86	48.0
*02484600	Coffee Bogue at Ludlow, MS	Lat 32°34'25", long 89°43'48", in N½ 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	1975-88	4- 1-88	(b)	(†)
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	1965-88	4- 1-88	4.06	35.5
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	1975-88	4- 1-88	10.66	2,080
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	1952-88	4- 1-88	8.51	825
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	1962-88	4- 2-88	8.32	711
02487300	Strong River near Puckett, MS	Lat 32°03'48", long 89°44'50", in SE½SE¼ 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	1958-88	4- 2-88	19.56	3,000
*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‡, 1972-88	4- 3-88	19.28	5,270

See footnotes at end of table.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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Annual maximum discharge at crest-stage partial-record stations during water year 1988

Annual maximum discharge at crest-stage partial-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)
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†, 1969-88	9-15-88	12.59	2,000
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	1955-88	3-26-88	7.52	400
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†, 1969-88	3- 4-88	18.21	5,600
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†, 1952-88	9-29-88	11.09	5,840
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†, 1952-88	1-19-88	17.03	8,100
07269000	North Tippah Creek near Ripley, MS	Lat 34°44'00", long 89°01'34", in SW¼ sec.18, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, at bridge on State Highway 4, 2.0 mi upstream from Tippah Creek, and 5.5 mi west of Ripley.	20.0	1939-42†, 1952-85, 1988	5-24-88	14.41	2,350
07274250	Otoulalofa 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	1952-88	1-19-88	(d)	(†)
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†, 1952-88	12-28-87	6.18	5,800
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	1965-88	11-17-87	9.25	705
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.	e103	1953-65 ^f , 1968-88	11-17-87	20.18	8,960

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 1988

Annual Maximum Discharge at Crest-Stage Partial-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							
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	1975-88	11-17-87	22.94	800
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	1948-88	3- 5-84 2-11-85 3-19-86 2-28-87 2-15-88	17.70 17.83 18.40 17.18 17.45	e2,250 e2,430 e3,500 e1,490 1,920
*07290005	Clear Creek near Bovina, MS	Lat 32°21'42", long 90°43'32", in SW¼ sec.17, T.16 N., R.5 E., Washington Meridian, Warren County, Hydrologic Unit 08060202, on county road, 1.0 mi northeast of Bovina.	e32.0	1953-88	3-24-88	19.41	2,750
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†, 1963-88	4- 1-88	(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	1967-88	4- 1-88	7.20	435
COLES CREEK BASIN							
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†, 1963-88	4- 2-88	(d)	<19,300
HOMOCHITTO RIVER BASIN							
07291250	McCall Creek near Lucien	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.	e60.0	1953, 1955-88	4- 1-88	(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	1955-88	3-25-88	3.63	82

† Discharge not determined.

‡ Operated as a continuous-record gaging station.

* Also a low-flow partial-record 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 Revised.

f Published at site near Howard, 3 mi downstream.

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 1988

Station No.	Station name	Location	Drainage area (mi2)	Period of record	Measurements	
					Date	Discharge (ft3/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	1986-88	10- 5-87 9-26-88	<0.01 0.16
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 High- way 371, 4.6 mi north of Mantachie.	150	1962-63, 1965, 1970-71, 1973-74, 1976-78, 1985-88	10- 5-87 9-26-88	0.35 34.4
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, 1985-88	10- 8-87 9-26-88	0.09 4.21
*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, 1949-88	10- 8-87	0.50
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	1949-75, 1987-88	10- 6-87	0
02435900	Calloway Creek near Pontotoc, MS	Lat 34°11'17", long 88°57'50", In NW¼ sec.26, T.10 S., R.3 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 03160102, on State High- way 41, 4.8 mi southeast of Pontotoc.	7.92	1952-54, 1956-57, 1959-60, 1962, 1988	9-28-88	1.54
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	1986-88	10- 7-87 9-28-88	2.24 6.33
*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	1950-88	10- 7-87	2.06

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 1988

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
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	1987-88	10- 7-87 9-28-88	19.4 39.6
*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±, 1974-88	10- 5-87 5-26-88 9-27-88	29.3 7.45 3.06
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, 1986-88	10- 6-87 5-26-88	0 2.84
*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±, 1974-88	10- 6-87 9-27-88	15.4 1.94
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	1986-88	10- 6-87	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	1987-88	10- 6-87 5-26-88	<0.01 0.63
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, 1987-88	10- 6-87 5-24-88 9-28-88	13.4 56.1 20.6
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	1987-88	10- 6-87	0
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, 1987-88	10- 5-87 5-24-88 9-26-88	16.5 44.2 23.4
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	1986-88	5-24-88	0.86
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	1987-88	10- 5-87 5-24-88 9-26-88	0.02 0.19 0.04

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
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	1985-88	10- 5-87 5-24-88 9-26-88	8.83 9.58 10.5
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	1986-88	10- 5-87 5-24-88 9-26-88	11.3 1.72 11.2
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	1955-88	10- 7-87 5-25-88	6.55 10.8
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	1986-88	10- 7-87 5-25-88 9-28-88	0.77 0.45 0.28
PASCASGOULA 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, 1986-88	10- 7-87 5-25-88 9-27-88	0 0.18 2.22
*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	10- 6-87 5-23-88	19.1 26.5
02473950	Tallanoma 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	1986-88	10- 7-87 5-25-88 9-27-88	2.04 9.79 39.6
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, 1986-88	10- 7-87 5-25-88	3.55 17.3
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	1986-88	10- 5-87 5-24-88 9-29-88	6.38 8.94 10.6
02474596	West Tiger Creek near Overt, 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 Overt.	49.6	1986-88	10- 6-87 5-24-88 9-28-88	0.01 0.23 0.62
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, 1986-88	10- 6-87 5-24-88 9-28-88	3.17 0.86 4.75

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 1988

Station No.	Station name	Location	Drainage area (mi2)	Period of record	Measurements	
					Date	Discharge (ft3/s)
PASCAGOULA RIVER BASIN--Continued						
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, 1987-88	10- 6-87 5-24-88 9-27-88	0.57 1.95 13.2
02475580	Tallanatta 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, 1986-88	10- 6-87 5-24-88 9-27-88	1.87 4.00 2.39
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, 1985-88	10- 6-87 5-24-88 9-27-88	35.6 50.2 95.2
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	1985-88	10- 6-87 5-25-88 9-28-88	0.68 11.0 6.52
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.	1,650	1938-50*, 1951-88	10- 6-87	224
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, 1987-88	10- 7-87 5-24-88 9-27-88	10.7 20.0 11.3
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, 1987-88	10- 5-87 5-24-88 9-29-88	10.2 10.4 40.7
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, 1987-88	10- 6-87 5-24-88 9-29-88	19.5 26.5 120
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	1986-88	10- 7-87 5-26-88 9-26-88	2.73 5.31 3.59
02479093	Black Creek near Hattiesburg, MS	Lat 31°18'02", long 89°31'29", In NE¼ sec.20, T.4 N., R.15 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on U.S. Highway 98, 10.0 mi west of Hattiesburg.	60.4	1960, 1966-67, 1973, 1988	9-26-88	13.5
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, 1987-88	10- 5-87 5-24-88 9-30-88	36.5 53.4 52.0

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
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, 1986-88	10- 8-87 5-24-88	23.2 29.4
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†, 1972-88	10- 6-87 5-25-88	17.4 19.3
BILOXI RIVER BASIN						
02481050	Saucier Creek near Wortham, MS	Lat 30°34'07", long 89°06'00", In NW¼ sec:33, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 2.2 mi east of Wortham.	41.2	1953, 1955-56, 1959, 1964, 1966, 1973, 1988	9-28-88	46.3
02481100	Little Biloxi River near Lyman, MS	Lat 30°31'20", long 89°06'31", In NE¼ sec:17, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170008, on U.S. Highway 49, 2.0 mi north of Lyman.	68.5	1943, 1953-57, 1959, 1964, 1966, 1988	9-28-88	44.4
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 High- way 26, 3.9 mi east of Poplarville.	72.6	1952-55, 1957, 1959-61, 1964, 1966, 1971-73, 1987-88	10- 8-87 9-27-88	5.48 17.8
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 High- way 53, 15 mi northwest of Lyman.	253	1944-48†, 1953-54, 1959, 1964-71†, 1986-88	10- 6-87	37.7
PEARL RIVER BASIN						
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, 1986-88	10- 7-87 5-23-88 9-28-88	<0.01 6.54 2.58
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	1986-88	10- 7-87 5-23-88 9-28-88	0 0.05 0
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, 1986-88	10- 7-87 5-23-88 9-26-88	0.46 0.84 0.04

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 1988

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
PEARL RIVER BASIN-Continued						
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, 1985-88	10- 7-87 5-23-88 9-26-88	12.7 14.4 13.4
02482500	Lobutch 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, 1987-88	10- 7-87 5-23-88 9-26-88	10.6 24.8 26.7
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, 1987-88	10- 8-87 5-26-88 9-29-88	3.92 5.90 14.5
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	1985-88	10- 7-87 5-26-88 9-27-88	2.88 12.6 14.0
*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	1971-88	10- 5-87	0
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	1985-88	10- 9-87 5-27-88	1.15 1.21
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	1987-88	10- 5-87 5-26-88 9-26-88	0.30 0.70 0.48
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	1985-88	10- 7-87 5-23-88 9-30-88	1.73 2.39 1.16
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	1985-88	10- 5-87 5-23-88 9-26-88	1.01 2.37 0.93
*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 †, 1972-88	10- 5-87 5-23-88 9-26-88	30.2 51.1 89.4
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	1948-70, 1980, 1987-88	10- 7-87 5-23-88 9-26-88	0.12 0.56 0.25

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Station No.	Station name	Location	Drainage area (mi2)	Period of record	Measurements	
					Date	Discharge (ft3/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, 1985-88	5-26-88 9-26-88	1.49 0.55
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	1986-88	10- 9-87 5-27-88	21.5 18.2
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	1985-88	10- 8-87 5-26-88 9-26-88	110 109 109
02489225	Half Moon Creek near Baxterville, MS	Lat 31°09'48", long 89°35'02", In SW¼ sec.2, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at confluence with Hurricane Creek, 5.5 mi north of Baxterville.	23.3	1961-67, 1988	9-26-88	27.9
02489230	Hurricane Creek near Baxterville, MS	Lat 31°09'48", long 89°35'02", In SW¼ sec.2, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at confluence with Half Moon Creek, 5.5 mi north of Baxterville.	39.7	1961-65, 1987-88	9-26-88	12.3
02489235	Bay Creek near Baxterville, MS	Lat 31°10'00", long 89°35'07", In NW¼ sec.2, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at mouth, 5.5 mi north of Baxterville.	11.2	1961-65, 1988	9-26-88	4.28
02489239	Gully Creek near Baxterville, MS	Lat 31°09'28", long 89°37'33", In SE¼ sec.5, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at mouth, 6.0 mi northwest of Baxterville.	23.2	1961-63, 1988	9-26-88	12.9
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, 1986-88	10- 7-87 5-26-88 9-26-88	44.3 76.5 50.4
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	1985-88	10- 7-87 5-26-88 9-27-88	10.7 15.4 10.2
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	1986-88	10- 8-87 5-26-88 9-27-88	29.3 31.9 33.6

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 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
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	1986-88	10- 8-87	19.6
					5-26-88	19.6
					9-27-88	19.5
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	1985-88	10- 8-87	16.6
					5-26-88	17.9
					9-27-88	13.9
02490700	Union Creek near Tylertown, MS	Lat 31°09'47", long 90°07'49", In SE¼ sec.6, T.2 N., R.11 E., Washington Meridian, Walthall County, Hydrologic Unit 03180005, on State Highway 27, 3.2 mi north of Tylertown.	12.4	1953-54, 1956-57, 1960, 1966, 1971, 1973, 1988	6-23-88	7.33
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 High- way 26, 7.5 mi southwest of Poplarville.	95.3	1961-72, 1986-88	10- 8-87	10.7
					5-25-88	31.8
					9-27-88	37.2
TENNESSEE RIVER BASIN						
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	1985-88	10- 6-87 9-27-88	11.8 16.7
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	1985-88	10- 6-87 9-27-88	10.1 16.0
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	1986-88	10- 6-87 9-27-88	0 0.01
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.	14.8	1985-88	10- 7-87 5-23-88	2.28 14.2
YAZOO RIVER BASIN						
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.	22.2	1950-74, 1986-88	10- 6-87 6-22-88 9-27-88	1.77 2.53 2.59
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.	18.97	1986-88	10- 7-87 9-27-88	0.40 0.06

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
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 High- way 15, 0.5 mi west of Ecru.	47.4	1986-88	10- 7-87 9-27-88	1.44 1.81
07269700	Yellow Rabbit Creek near Ashland, MS	Lat 34°45'22", long 89°08'50", In N¼ sec.12, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on State Highway 4, 5 mi south of Ashland.	16.2	1953, 1955-57, 1959, 1962, 1974, 1985, 1988	6-21-88	3.70
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, 1985-88	10- 7-87 5-23-88 9-29-88	4.21 15.2 4.74
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	1985-88	10- 7-87 9-28-88	41.0 50.3
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	1986-88	10- 7-87 9-30-88	17.0 20.4
07270600	Little Spring Creek at Malone, MS	Lat 34°34'34", long 89°28'30", In SE¼ sec.11, T.6 S., R.3 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, east of State Highway 7, at Malone.	23.2	1955-56, 1959, 1971-72, 1974, 1988	6-20-88	37.8
07270800	Hurricane Creek near Oxford, MS	Lat 34°46'26", long 89°30'42", In NE¼ sec.28, T.7 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 7, 6 mi north of Oxford.	11.0	1955-57, 1959-60, 1971-72, 1988	6-20-88	5.47
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 High- way 6, 8.3 mi west of Oxford.	10.4	1939-41, 1950-74, 1986-88	10- 5-87 5-23-88 9-27-88	9.70 11.3 11.2
07271500	Hudson Creek near Oxford, MS	Lat 34°21'13", long 89°40'39", In SE¼ sec.25, T.8 S., R.5 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 6, 9.5 mi west of Oxford.	9.12	1939-41, 1974, 1988	6-20-88	1.08
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 08030201, on State High- way 35, 4.4 mi northeast of Batesville.	35.1	1975, 1986-88	9-27-88	5.86
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 High- way 331, 1.9 mi north of Tula.	121	1986-88	10- 5-87 9-27-88	1.52 4.76

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 1988

Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
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 High- way 7, 2.4 mi southeast of Taylor.	5.12	1986-88	10- 5-87 5-24-88 9-27-88	1.55 3.23 1.96
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	1986-88	10- 6-87	38.3
07276440	Pigeon Roost Creek near Holly Spring MS	Lat 34°44'17", long 89°32'18", In NW¼ sec.17, T.4 S., R.3 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, on county road, 5 mi southwest of Holly Springs.	35.1	1953-56, 1988	6-21-88	1.84
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	1986-88	10- 6-87 5-23-88 9-29-88	6.89 16.3 14.2
07276500	Pigeon Roost Creek near Bynalia, MS	Lat 34°45'34", long 89°41'44", In SE¼ sec.2, T.4 S., R.5 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08020304, on county road, 8 mi south of Bynalia.	117	1940-43, 1971-72, 1988	6-21-88	50.2
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, 1986-88	10- 6-87 6-21-88	82.2 91.1
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, 1980-88	10- 6-87	0
07277760	Hickhala Creek near Coldwater, MS	Lat 34°39'16", long 89°58'26", In NE¼ sec.18, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on U.S. Highway 51, 2.2 mi south of Coldwater.	213	1953, 1955-56, 1971, 1975, 1988	6-21-88	37.3
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, 1986-88	10- 6-87 9-28-88	8.95 8.60
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, 1985-88	10- 6-87	0.32
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, 1986-88	10- 7-87 9-27-88	1.20 2.50

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
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	1986-88	10- 5-87 9-26-88	1.37 1.71
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	1986-88	10- 5-87 9-26-88	1.89 2.63
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, 1986-88	10- 7-87 9-27-88	3.54 7.32
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	1987-88	10- 9-87 9-26-88	1.94 2.53
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	1987-88	10- 8-87 9-27-88	6.01 28.7
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.	414.4	1951-53, 1955-64, 1987-88	10- 7-87	0.73
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	1986-88	10- 8-87 9-27-88	13.5 37.3
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, 1985-88	10- 8-87 9-27-88	26.0 40.1
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, 1987-88	10- 8-87 9-26-88	0.41 0.74
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, 1986-88	10- 8-87 9-26-88	0.81 2.58
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	1987-88	10- 8-87 9-26-88	1.00 2.14

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 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi2)	Period of record	Date	Discharge (ft3/s)
YAZOO RIVER BASIN--Continued						
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, 1987-88	10- 9-87 9-26-88	2.16 2.48
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.	15.0	1983, 1986-88	10- 7-87 9-27-88	0.08 0.38
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	1985-88	10- 6-87 9-28-88	1.83 9.14
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	1985-88	10- 6-87 9-28-88	3.99 7.18
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, 1985-88	10- 6-87 9-28-88	3.58 8.10
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.	1,493	1936-71, 1972-79, 1987-88	10- 9-87 9-28-88	66.1 288
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, 1986-88	10- 9-87 9-28-88	1.43 4.16
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, 1985-88	10- 5-87 9-29-88	11.0 12.2
07289686	Cypress Creek near Bentonla, 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 Bentonla.	32.4	1966, 1987-88	10- 9-87 9-26-88	0 0
07289850	Bogue Chitto near Flora, MS.	Lat 32°30'02", long 90°21'38", In NW¼ sec.36, T.8 N., R.2 W., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on State Highway 22, 4.6 mi southwest of Flora.	126	1944, 1953-54, 1956, 1966, 1970, 1983	10- 5-87 9-26-88	0.76 1.50

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi2)	Period of record	Date	Discharge (ft3/s)
BIG BLACK RIVER BASIN--Continued						
*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	1953-88	10- 5-87 5-23-88 9-26-88	5.06 7.37 5.66
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, 1987-88	10- 5-87 5-23-88 9-26-88	2.39 5.75 0.73
BAYOU PIERRE RIVER 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, 1985-88	10- 6-87 5-23-88 9-29-88	9.12 9.34 7.24
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, 1987-88	10- 6-87 5-23-88 9-30-88	2.14 3.62 1.53
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, 1986-88	10- 6-87 5-23-88	34.1 56.5
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	1987-88	10- 6-87 5-25-88	0 0.75
07290550	White Oak Creek near Utica, MS	Lat 32°03'35", long 90°37'25", In NE¼ sec.32, T.3 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060203, on State Highway 18, 3.5 mi south of Utica.	173	1952-54, 1956, 1959, 1960, 1988	6-20-88	27.0
07290568	White Oak Creek at Carpenter, MS	Lat 32°01'46", long 90°40'43", In NW¼ sec.11, T.12 N., R.5 E., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 0.3 mi southeast of Carpenter.	198	1970-71, 1988	6-20-88	6.45
07290600	Storm Creek at Carlisle, MS	Lat 31°59'46", long 90°47'21", In SE¼ sec.28, T.12 N., R.4 E., Washington Meridian, Clairborne County, Hydrologic Unit 08060203, on State Highway 18, 0.2 mi southwest of Carlisle.	8.28	1952-54, 1956, 1959, 1988	6-20-88	0.52
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	1965-88	10- 6-87 5-23-88 9-30-88	3.06 3.21 2.19

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 1988

Station No.	Station name	Location	Drainage area (mi2)	Period of record	Measurements	
					Date	Discharge (ft3/s)
BAYOU PIERRE RIVER BASIN-Continued						
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, 1985-88	10- 6-87 5-23-88 9-30-88	2.98 6.11 2.91
07290725	Little Bayou Pierre at Port Gibson, MS	Lat 31°57'54", long 90°58'49", In S¼ sec.18, T.12 N., R.2 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 61, at Port Gibson.	298	1961-64, 1988	6-20-88	23.1
ST. CATHERINE CREEK BASIN						
07290900	St. Catherine Creek near Natchez, MS	Lat 31°31'17", long 91°23'19", In W¼ sec.3, T.6 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, on U.S. Highway 61, 2.5 mi south of Natchez.	63.1	1942, 1945-46, 1953, 1955-56, 1959, 1961-63, 1976, 1988	6-21-88	4.32
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, 1986-88	10- 5-87 5-24-88	138 149
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	1986-88	10- 5-87 5-24-88 9-29-88	5.41 7.86 9.11
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, 1987-88	6-21-88	13.4
07293800	Second Creek near Kingston, MS	Lat 31°28'02", long 91°20'34", In NW¼ sec.41, T.6 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on county road, 5.6 mi northwest of Kingston.	32.0	1960-63, 1965, 1988	6-21-88	10.8
07294000	Second Creek at Sibley, MS	Lat 31°23'20", long 91°23'16", In SE¼ sec.13, T.5 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on county road, 0.7 mi east of Sibley.	55.3	1942, 1953-54, 1965, 1982, 1988	6-21-88	17.7
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.	1,138	1938, 1940-46, 1949-51, 1953-78, 1986-88	10- 5-87 5-24-88	279 398
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	1986-88	10- 5-87 5-24-88 9-29-88	13.0 15.5 15.7

See footnotes at end of table.

Discharge measurements made at low-flow partial-record stations during water year 1988

Discharge measurements made at low-flow record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
BUFFALO RIVER BASIN--Continued						
07294950	Fords Creek near Woodville, MS	Lat 31°11'38", long 91°17'44", In SE¼ sec.41, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on U.S. Highway 61, 6 mi north of Woodville.	17.3	1952-53, 1955-56, 1959, 1968, 1988	6-21-88	1.05
07295050	Big Piney Creek near Woodville, MS	Lat 31°15'25", long 91°19'42", In sec.6, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on U.S. Highway 61, 11 miles north of Woodville.	14.6	1952-53, 1955-56, 1959, 1968-69, 1973, 1988	6-21-88	0.07
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	1985-88	10- 8-87 5-25-88 9-28-88	13.0 16.7 16.6
07375247	Little Tangipahoa River at Fernwood MS	Lat 31°11'18", long 90°26'37", In NW¼ sec.31, T.3 N., R.8 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on county road, 0.5 mi northeast of Fernwood.	21.6	1942, 1954-56, 1968, 1977, 1979, 1988	6-23-88	6.99
07375250	Little Tangipahoa River at Magnolia MS	Lat 31°08'32", long 90°27'22", In NW¼ sec.13, T.2 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on U.S. Highway 48, in Magnolia.	39.8	1942-43, 1952-53, 1955-57, 1959, 1962, 1965, 1968, 1971, 1977, 1988	6-22-88	22.1
07375260	Minnehaha Creek at Magnolia, MS	Lat 31°08'26", long 90°27'47", In NW¼ sec.13, T.2 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on U.S. Highway 51, 0.5 mi south of Magnolia.	6.28	1942, 1953, 1955-56, 1959, 1968, 1988	6-22-88	3.93
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	1985-88	10- 7-87 5-25-88 9-27-88	9.86 12.9 10.0
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	1985-88	10- 7-87 5-25-88 9-28-88	9.84 12.1 11.3
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, 1987-88	10- 7-87 5-25-88 9-28-88	12.8 16.3 13.8

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 1988

Discharge measurements made at low-flow partial-record stations during water year 1988					Measurements	
Station No.	Station name	Location	Drainage area (mi ²)	Period of record	Date	Discharge (ft ³ /s)
AMITE RIVER BASIN--Continued						
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, 4.5 mi southwest of Thompson.	86.5	1959, 1964, 1968, 1973, 1985-88	6-22-88	40.6
07376655	Love Creek near Liberty, MS	Lat 31°10'02", long 90°45'45", In W¼ sec.1, T.2 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 24 and 48, 3 mi northeast of Liberty.	4.89	1952-53, 1955-56, 1968, 1988	6-22-88	0
07376700	West Fork Amite River near Liberty, MS	Lat 31°09'50", long 90°50'42", In SW¼ sec.6, T.2 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 24, 2 mi west of Liberty.	103	1952-53, 1955-56, 1959, 1964, 1968, 1988	6-22-88	38.6
07376740	Waggoner Creek near Liberty, MS	Lat 31°07'27", long 90°51'19", In E¼ sec.26, T.2 N., R.3 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 48, 3.5 mi southwest of Liberty.	28.8	1952-53, 1955-56, 1959, 1968, 1988	6-22-88	0
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	1987-88	10- 7-87 5-25-88 9-28-88	23.8 31.3 39.4

‡ Operated as a continuous-record gaging station.

* Also a crest-stage partial-record station.

a Revised.

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 1988

Drainage measurements made at special study and miscellaneous cross sections				Measured previously (water years)	Measurements	
Stream	Tributary to	Location	Drainage area (mi ²)		Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN						
02430014 Mackey's Creek Min. Flow Structure near Moore's Mill, MS	Tombigbee River	Lat 34°30'28", long 88°19'30", In SW¼ sec.2, T.7 S., R.9 E. Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, on right bank levee access road, 1.3 miles north of Moore's Mill.	(a)	---	9-19-88	47.2
02430060 Rock Creek near Moore's Mill, MS	Tenn-Tom Waterway	Lat 34°29'36", long 88°19'11", In S½ sec.2, T.7 S., R.9 E. Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, on county road, 1.3 mi northeast of Moore's Mill.	24.2	---	9-19-88	2.57
02430097 Red Bud Creek Min. Flow Structure at Moore's Mill, MS	Mackey's Creek	Lat 34°29'19", long 88°19'47", In NE¼ sec.10, T.7 S., R.9 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on right bank levee road, 0.5 mi west of Moore's Mill.	(a)	---	9-19-88	33.5
02430126 Saucer Creek near Moore's Mill, MS	Tenn-Tom Waterway	Lat 34°28'05", long 88°20'18", In S½ sec.15, T.7 S., R.9 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on county road, 1.8 mi southwest of Moore's Mill.	8.97	---	9-19-88	1.97
02430621 Mud Creek Min. Flow Structure near Fulton, MS	Tombigbee River	Lat 34°22'40", long 88°24'24", In NE¼ sec.24, T.8 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on west bank access road, 7.0 miles north of Fulton.	(a)	---	9-20-88	0
02430900 Cummings Creek at Fulton, MS	Tenn-Tom Waterway	Lat 34°16'57", long 88°24'31", In SE¼ sec.24, T.9 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on county road, 0.6 mi north of Fulton.	25.4	---	9-19-88	10.5
02431015 Tombigbee River tributary at Fulton, MS	Tenn-Tom Waterway	Lat 34°14'41", long 88°24'16", In NE¼ sec.1, T.10 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 25, 0.4 mi south of Fulton.	2.37	---	9-20-88	1.20
02431700 Reed Creek at Beans Ferry, MS	Tenn-Tom Waterway	Lat 34°12'20", long 88°22'33", In SE¼ sec.17, T.10 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 25, 0.6 mi southeast of Beans Ferry.	14.9	1975-77, 1979-80	9-20-88	7.03
02432150 Coaches Branch near Smithville, MS	Tenn-Tom Waterway	Lat 34°06'00", long 88°23'01", In NW¼ sec.29, T.11 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 25, 2.0 mi north of Smithville.	2.44	---	9-20-88	0.17

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 1988

Discharge measurements made at special study and miscellaneous sites during water year 1988						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02432920 Bull Mountain Creek near Tilden, MS	Tenn-Tom Waterway	Lat 34°10'48", long 88°18'47", In SW¼ sec.25, T.10 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on county road, 2.6 mi east of Tilden.	274	---	9-20-88	102
02432960 Smith Creek near Smithville, MS	Bull Mountain Creek	Lat 34°07'06", long 88°18'55", In SE¼ sec.14, T.11 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 23, 5.2 mi northeast of Smithville.	5.84	---	9-20-88	0.02
02432970 Bluff Creek near Smithville, MS	Bull Mountain Creek	Lat 34°05'23", long 88°21'00", In SE¼ sec.28, T.11 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 23, 3.7 mi northeast of Smithville.	4.95	---	9-20-88	0.23
02432980 Mill Creek at Smithville, MS	Tenn-Tom Waterway	Lat 34°04'23", long 88°22'42", In NW¼ sec.5, T.12 S., R.9 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 23, 0.8 mi east of Smithville.	11.6	---	9-20-88	2.83
02433050 Bull Mountain Creek Min. Flow Structure near Smithville	Tombigbee River	Lat 34°05'36", long 88°24'50", In NE¼ sec.25, T.11 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on levee road 1.8 mi northwest of Smithville.	(a)	---	9-20-88	116
02433440 Caldwell Branch near Smithville, MS	Tenn-Tom Waterway	Lat 34°02'48", long 88°25'43", In S½ sec.11, T.12 S., R.8 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03060101, on State Highway 25, 3.7 mi southeast of Smithville.	0.96	---	9-19-88	0
02433450 Fourmile Creek near Smithville, MS	Tenn-Tom Waterway	Lat 34°02'12", long 88°26'13", In E½ sec.15, T.12 S., R.8 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 25, 0.7 miles southeast of Smithville.	2.68	---	9-19-88	0.19
02433485 Turner Branch near Smithville, MS	Tenn-Tom Waterway	Lat 34°01'41", long 88°27'26", In NW¼ sec.22, T.12 S., R.8 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 25, 4.6 mi southeast of Smithville.	(a)	---	9-19-88	0.56
02433489 Standifer Creek Min. Flow Structure near Amory, MS	Tenn-Tom Waterway	Lat 34°02'00", long 88°27'50", In SE¼ sec.16, T.12 S., R.18 W., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on the right bank of the Tenn-Tom waterway, 2.3 mi upstream of Lock A.	(a)	---	9-20-88	14.2

See footnotes at end of table.

Discharge measurements made at special study and miscellaneous sites during water year 1988

Discharge measurements made at special study and miscellaneous sites during water year 1988						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02433530 Burkett Creek at Amory, MS	Tenn-Tom Waterway	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	---	9-19-88	0.18
02436800 Town Creek near Bigbee, MS	Tombigbee River	Lat 34°01'20", long 88°33'15", In SW¼ sec.22, T.12 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160102, on county road, 2.0 mi northwest of Bigbee.	676	---	9-20-88	187
02437009 Roundhouse Branch near Amory, MS	Tenn-Tom Waterway	Lat 33°57'34", long 88°31'02", In SE¼ sec.3, T.13 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 2.3 mi southeast of Amory.	(a)	---	9-19-88	0
02437034 Weaver Creek near Becker, MS	Tenn-Tom Waterway	Lat 33°55'53", long 88°30'47", In SW¼ sec.14, T.13 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 1.8 mi west of Becker.	(a)	---	9-19-88	13.1
02437041 Moccasin Creek near Becker, MS	Tenn-Tom Waterway	Lat 33°53'32", long 88°30'58", In NE¼ sec.34, T.13 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 3.7 mi southwest of Becker.	(a)	---	9-19-88	0
02437054 Halfway Creek near Becker, MS	Tenn-Tom Waterway	Lat 33°52'53", long 88°30'59", In SE¼ sec.34, T.13 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 4.3 mi southwest of Becker.	(a)	---	9-19-88	0
02437063 Tadpole Creek near Aberdeen, MS	Tenn-Tom Waterway	Lat 33°51'41", long 88°29'18", In NW¼ sec.12, T.14 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 4.6 mi northeast of Aberdeen.	(a)	---	9-19-88	0
02437480 Matubby Creek at Aberdeen, MS	Tombigbee River	Lat 33°50'13", long 88°32'37", In NE¼ sec.27, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 0.8 mi north of Aberdeen.	(a)	---	9-21-88	2.70

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 1988

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02437560 Nichols Creek near Aberdeen, MS	Tombigbee River	Lat 33°48'53", long 88°29'20", In SW¼ sec.25, T.14 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on U.S. Highway 45, 3.2 mi southeast of Aberdeen.	24.1	1983	9-19-88	6.99
02437566 Little Nichols Creek near Aberdeen, MS	Nichols Creek	Lat 33°48'31", long 88°28'32", In NE¼ sec.25, T.14 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on U.S. Highway 45, 4.3 mi east of Aberdeen.	1.63	---	9-19-88	0
02437570 Buckingham Creek near Aberdeen, MS	Tombigbee River	Lat 33°47'52", long 88°27'48", In SE¼ sec.31, T.14 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on U.S. Highway 45, 6.5 mi southeast of Aberdeen.	0.97	---	9-19-88	0
02437620 Broyles Creek near New Hamilton, MS	Tenn-Tom Waterway	Lat 33°46'06", long 88°27'53", In SE¼ sec.7, T.15 S., R.18 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 3.0 mi northwest of New Hamilton.	(a)	---	9-19-88	0
02437700 McKinley Creek near New Hamilton, MS	Tombigbee River	Lat 33°43'03", long 88°27'00", In NW¼ sec.32, T.15 S., R.18 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on U.S. Highway 45, 1.5 mi south of New Hamilton.	36.6	1963-64	9-20-88	4.28
02437708 Dose Maie Creek near New Hamilton, Ms	Tombigbee River	Lat 33°43'11", long 88°28'59", In SE¼ sec.36, T.15 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 2.0 mi southeast of New Hamilton.	14.6	---	9-19-88	25.5
02437730 Cane Creek near Binford, MS	Tombigbee River	Lat 33°43'26", long 88°31'44", In SE¼ sec.35, T.15 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on county road, 3.5 mi southeast of Binford.	0.81	---	9-21-88	0
02439610 Buttanatchee River near New Hamilton, MS	Tombigbee River	Lat 33°39'48", long 88°27'25", In NE¼ sec.19, T.16 S., R.18 W., Chickasaw Meridian, Lowndes County, Hydrologic Unit 03160103, on Highway 373, 5.2 miles south of New Hamilton.	(a)	---	9-20-88	1,440

See footnotes at end of table.

Discharge measurements made at special study and miscellaneous sites during water year 1988

Discharge measurements made at special study and miscellaneous sites during water year 1988						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02439766 Stinson Creek near Columbus, MS	Tenn-Tom Waterway	Lat 33°36'31", long 88°27'22", In NW-4 Sec. 8, T.17 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, on State Highway 373, 8.4 mi north of Columbus.	(a)	---	9-20-88	0
02440900 Tibbee Creek near West Point, MS	Tenn-Tom Waterway	Lat 33°34'12", long 88°41'20", In SE½ sec.29, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on Illinois Central Railroad bridge, southwest of West Point.	906	1970	9-22-88	35.8
02441025 Town Creek near West Point, MS	Tibbee Creek	Lat 33°34'06", long 88°38'31", In S½ sec.26, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on county road, 2.5 mi south of West Point.	7.52	---	9-22-88	7.47
02441100 McGee Creek near West Point, MS	Tibbee Creek	Lat 33°39'41", long 88°35'46", In SW½ sec.20, T.17 S., R.7 E., Choctaw Meridian, Clay County, Hydrologic Unit 03160108, on county road, 4.0 mi southeast of West Point.	15.6	---	9-21-88	0.29
02441350 Spring Creek near Waverly, MS	Tibbee Creek	Lat 33°34'20", long 88°33'44", In NE½ sec.28, T.17 S., R.7 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on county road, 3.0 mi northwest of Waverly.	7.63	---	9-21-88	0.04
02441440 Oak Slush Creek near Columbus, MS	Tenn-Tom Waterway	Lat 33°29'33", long 88°28'23", In NW½ sec.25, T.19 N., R.17 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160101, on county road, 1.8 mi west of Columbus.	9.82	---	9-21-88	0.71
02441496 Moore Creek at Columbus, MS	Tombigbee River	Lat 33°29'46", long 88°26'03", In SE½ sec.17, T.18 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, on U.S. Highway 82 in Columbus.	(a)	---	9-20-88	5.12
02443000 Luxapallila Creek at Steens, MS	Tombigbee River	Lat 33°33'35", long 88°18'55", In NE½ sec.27, T.17 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on county road, 0.2 mi southeast of Steens.	309	1944-47, 1950-88	10-27-87 1-26-88 3- 8-88 4-19-88 5-25-88 7-12-88 8-24-88	55.8 312 251 332 *247 44.7 189

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 1988

Discharge measurements made at special study and miscellaneous sites during water year 1988						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
024436034 Mile Creek near Columbus, MS	Tenn-Tom Waterway	Lat 33°25'58", long 88°23'59", In NE¼ sec.10, T.19 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 4.7 mi south of Columbus.	(a)	---	9-20-88	0
024436037 Greens Creek near Columbus, MS	Tenn-Tom Waterway	Lat 33°24'34", long 88°23'14", In SE¼ sec.14, T.19 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 6.4 mi south of Columbus.	(a)	---	9-20-88	0
024436042 Ellis Creek near Columbus, MS	Tenn-Tom Waterway	Lat 33°23'58", long 88°22'24", In NE¼ sec.24, T.19 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 0310106, on county road, 7.5 mi south of Columbus.	(a)	---	9-20-88	0.30
02443608 Magowan Creek near Columbus, MS	Tombigbee River	Lat 33°22'39", long 88°26'12", In SW¼ sec.32, T.18 N., R.18 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 8.0 mi south of Columbus.	(a)	---	9-21-88	0.63
02443640 Arkansas Creek near Columbus, MS	Tenn-Tom Waterway	Lat 33°22'34", long 88°20'55", In SE¼ sec.30, T.19 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 9.6 mi south of Columbus.	(a)	---	9-20-88	0
02443710 Cedar Creek near Trinity, MS	Tombigbee River	Lat 33°20'22", long 88°26'26", In SW¼ sec.17, T.17 N., R.18 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 1.4 mi southeast of Trinity.	11.5	1979-83	9-21-88	0.02
02443711 Cedar Creek tributary near Trinity, MS	Cedar Creek	Lat 33°20'52", long 88°26'52", In SE¼ sec.7, T.17 N., R.18 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 0.9 miles northeast of Trinity.	1.61	---	9-22-88	8.90
02443748 Kincaide Creek near Camp Pratt, MS	Tenn-Tom Waterway	Lat 33°21'22", long 88°18'18", In NW¼ sec.3, T.20 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on State Highway 69, 5.5 mi east of Camp Pratt.	(a)	---	9-20-88	1.52

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 1988

Discharge measurements made at special study and miscellaneous sites during water year 1988					Measurements	
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN--Continued						
02443757 Nash Creek near Forrester, MS	Kincaide Creek	Lat 33°22'04", long 88°19'17", In SE¼ sec.33, T.19 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 2.1 mi north of Forrester.	(a)	---	9-20-88	0
02444052 Crow Creek at Bigbee Valley, MS	Broken Pumpkin Creek	Lat 33°14'51", long 88°21'11", In NE¼ sec.16, T.16 N., R.19 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160106, on county road, 0.2 mi west of Bigbee Valley.	(a)	---	9-21-88	0
PASCAGOULA RIVER BASIN						
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, 3.0 miles west of Raleigh.	60.9	1943, 1951-52, 1955-57, 1960, 1968, 1985-87	10-22-87 12- 3-87 1-15-88 3- 3-88 4-14-88 5-27-88	0.09 0.66 12.3 53.0 21.6 *1.21
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	1985-87	10-22-87 1-15-88 3- 3-88 4-14-88	0.27 0.97 11.5 1.23
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 Highway 590, 0.1 mi west of Seminary.	204	1961, 1972, 1980-87	10-19-87 12- 1-87 1-12-88 3- 1-88 4-11-88 5-24-88 6-27-88 7-16-88	71.4 114 145 164 183 *99.4 69.5 66
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	1985-87	10- 7-87 10-22-87 1-14-88 3- 2-88 4-13-88 5-26-88	*0 0 1.70 3.53 7.73 *2.71
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- 2-87 10-21-87 1- 5-88 2-23-88 5-10-88 7- 6-88 8-11-88 9-22-88	*42.0 38.3 140 632 59.9 89.7 138 109

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 1988

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
02490900	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 mi west of Lehr.	785	1969, 1971, 1979, 1982-86	1- 7-88 2-11-88 3-23-88 5- 5-88 6-15-88 7-26-88 9- 8-88	695 1,230 828 536 447 460 693
02492360	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, 1986-87	3-30-88 9-27-88	3,290 *82.9
02492395	West Hobolochitto Creek	Lat 30°34'55", long 89°38'05", In SE¼ sec.30, T.5 S., R.16 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on private road, 2.8 mi southeast of Carriere.	10.3	---	10-12-87 10-25-87 12- 5-87 1-30-88 3- 1-88 3-20-88 4-10-88 5- 1-88 6- 1-88 6-18-88 8-10-88 9- 4-88	1.79 2.29 4.64 7.40 13.7 15.1 18.7 6.8 1.64 1.44 48.0 160
02492400	West Hobolochitto Creek	Lat 30°33'49", long 89°39'21", In SW¼ sec.36, T.5 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on private road, 3.7 mi south of Carriere.	12.4	---	1-30-88 6-18-88	10.2 2.51
YAZOO RIVER BASIN						
07274235	Yocona River	Lat 34°08'56", long 89°26'20", In SE¼ sec.6, T.11 S., R.2 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030203, on county road, 2.2 mi southeast of Paris.	8.28	---	2-10-88 4-22-88 4-23-88 4-24-88 8-16-88 8-18-88	2.80 5.10 5.33 5.14 0.01 <0.01
07274237	Yocona River	Lat 34°10'11", long 89°27'24", In NW¼ sec.31, T.10 S., R.2 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, on county road, 0.5 mi south of Paris.	21.0	---	2-10-88 4-22-88 4-23-88 4-24-88 8-16-88 8-18-88	8.49 14.2 14.6 19.8 0.14 0.15
07274245	Yocona River	Lat 34°09'30", long 89°31'58", In NE¼ sec.5, T.11 S., R.3 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, on county road, 4.2 mi east of Water Valley.	4.2	---	2-10-88 4-22-88 4-23-88 4-24-88 8-16-88 8-18-88	23.6 35.8 33.0 79.0 0.93 0.86

See footnotes at end of table.

Discharge measurements made at special study and miscellaneous sites during water year 1988

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued						
U2479310 Pascagoula River at Graham Ferry, MS	Gulf of Mexico	Lat 30°36'38", long 88°38'28", In NW¼ sec.13, T.5 S., R.7 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on county road, 0.9 mi south of Graham Ferry.	8,204	1959, 1961, 1971-72, 1979	11-16-87	2,040
BILOXI RIVER BASIN						
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, 1985-87	3- 4-88	8,550
PEARL RIVER BASIN						
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, 1985-87,	4-29-88 6-15-88 7-21-88 8-29-88 9-30-88	663 339 325 293 *305
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 Byram.	3,380	1939, 1964, 1972, 1976-78, 1984-86	2- 2-88 3-14-88 4-26-88 6- 8-88 7-13-88 8-26-88 9-27-88	1,410 5,350 5,850 383 341 317 *316
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	1928-55, 1958, 1960-64, 1972, 1974, 1985-87	2-12-88 3-24-88 5- 5-88 6-16-88 7-26-88 9- 8-88	6,270 2,890 2,380 1,020 1,260 2,820
02489505 Chinquapin Creek at Crossroads, MS	Old River	Lat 30°46'32", long 89°46'25", In NW¼ sec.23, T.3 S., R. 18 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on State High- way 43, 0.5 mi south of Crossroads.	8.75	---	10- 14-87	0.09

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 1988

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
07274247 Otoucalofa Creek near Water Valley, MS	Yocona River	Lat 34°07'49", long 89°35'36", In NW¼ sec.14, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, on county road, 2.0 mi east-southeast of Water Valley.	74.0	---	2-10-88	44.2
					4-22-88	63.0
					4-23-88	61.3
					4-24-88	131
					8-16-88	4.24
					8-18-88	4.03
07277520 Hickahala Creek near Independance, MS	Coldwater River	Lat 34°40'30", long 89°45'27", In SE¼ sec.6, T.5 S., R.5 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on county road, 3.6 mi southeast of Independance.	25.3	---	2- 9-88	6.24
					6- 3-88	4.46
					6- 4-88	4.72
					9-13-88	3.97
					9-15-88	3.81
07277530 Hickahala Creek near Looxahoma, MS	Coldwater River	Lat 34°38'29", long 89°48'39", In NE¼ sec.22, T.5 S., R.6 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 305, 3.0 mi northeast of Looxahoma.	44.7	---	2- 9-88	23.8
					6- 3-88	18.1
					6- 4-88	18.2
					9-13-88	15.4
					9-15-88	15.4
07277548 James Wolf Creek near Looxahoma, MS	Hickahala Creek	Lat 34°36'06", long 89°49'17", In SE¼ sec.27, T.5 S., R.6 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030203, on State Highway 4, 1.0 mi northeast of Looxahoma.	35.2	---	2-10-88	7.80
					6- 3-88	5.32
					6- 4-88	4.70
					9-13-88	6.19
					9-15-88	5.84
07277715 Senatobia Creek near Como, MS	Hickahala Creek	Lat 34°33'01", long 89°52'50", In NE¼ sec.24, T.6 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030204, on county road, 3.3 mi northeast of Como.	20.4	---	2-10-88	3.65
					6- 3-88	2.60
					6- 4-88	2.15
					9-13-88	2.46
					9-15-88	2.28
07287330 Fannegusha Creek near Ituma, MS	Yazoo River	Lat 33°13'35", long 90°02'30", In NE¼ sec.25, T.16 N., R.2 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on State Highway 17, 3.7 mi east of Ituma.	39.8	---	2-12-88	17.0
					3-24-88	10.5
					3-24-88	12.1
					3-25-88	13.0
					3-25-88	19.2
					3-25-88	128
					3-25-88	198
					3-25-88	150
					7-26-88	8.31
					7-28-88	5.30
07287375 Black Creek at Bowling Green, MS	Yazoo River	Lat 33°09'37", long 89°57'24", In SW¼ sec.11, T.15 N., R.3 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on county road, 2.4 mi west of Bowling Green.	28.2	---	2-11-88	12.8
					3-24-88	8.93
					3-24-88	11.4
					3-25-88	17.5
					3-25-88	108
					3-25-88	153
					3-25-88	141
					7-26-88	6.26
07287405 Black Creek at Howard, MS	Yazoo River	Lat 33°07'11", long 90°11'28", In SW¼ sec.27, T.15 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on county road, 0.2 mi south of Howard.	178	---	3-24-88	130
					3-25-88	780
					3-25-88	633
					3-25-88	359
					7-26-88	50.0
					7-29-88	43.2

See footnotes at end of table.

Discharge measurements made at special study and miscellaneous sites during water year 1988

Discharge measurements made at special study and miscellaneous stream sections						
Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
07288700 Big Sunflower River near Anguilla, MS	Yazoo River	Lat 32°58'18", long 90°46'41", In SE¼ sec.14, T.13 N., R.6 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08030207, on State Highway 14, 3.0 mi east of Anguilla.	2,615	1980	5-20-88	212
07288720 Big Sunflower River at Holly Bluff, MS	Yazoo River	Lat 32°48'52", long 90°43'04", In NW¼ sec.9, T.11 N., R.5 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, on State Highway 16, 0.6 mi southwest of Holly Bluff.	2,771	1975, 1980	5-20-88	390
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	---	10- 6-87 11-24-87 1-13-88 5-17-88 6-28-88 8-17-88	0.32 0.74 43.4 0.96 0.49 0.48
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	---	10- 6-87 11-24-87 1-13-88 5-17-88 6-28-88 8-17-88	0.02 0.13 7.35 0.17 0.01 0.02
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	1959-61, 1964, 1966, 1969, 1970-73, 1977, 1985-87	10- 7-87 12- 4-87 1-11-88 4-14-88 5-19-88 6-29-88 8-16-88	95.9 287 844 1,500 182 103 101
07289582 Bear Creek at Hwy 22 West of Canton Ms.	Big Black River	Lat 32°36'29", long 90°03'46", In NW¼ sec.23, T.9 N., R.2 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on State Highway 22, 1.0 mi west of Canton.	90.1	1958, 1976, 1983-87	1-11-88 4-14-88 6-29-88	9.91 13.9 0.46

* Baseflow.

a Drainage area not determined.

WATER-QUALITY DATA FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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 1987 TO SEPTEMBER 1988

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)
APR								
11...	1230	--	--	--	--	120	--	--
11...	1231	1.00	114	7.80	17.0	--	11.7	125
11...	1232	5.00	114	7.80	17.0	--	11.7	125
11...	1233	10.0	114	7.80	17.0	--	11.2	119
11...	1234	15.0	112	7.80	17.0	--	11.2	119
11...	1235	20.0	112	7.80	17.0	--	11.1	118
11...	1236	25.0	112	7.80	17.0	--	11.0	117
11...	1237	30.0	115	7.70	17.0	--	10.7	114
11...	1238	35.0	116	7.70	16.0	--	10.6	111
11...	1239	40.0	122	7.70	15.0	--	10.3	105
11...	1240	45.0	119	7.80	13.0	--	10.4	102
11...	1241	50.0	120	7.80	12.0	--	10.2	97
11...	1242	55.0	119	7.80	11.5	--	10.1	95
11...	1243	60.0	119	7.90	11.0	--	10.0	93
11...	1244	65.0	118	7.90	11.0	--	9.9	92
11...	1245	70.0	118	7.80	11.0	--	9.5	89
11...	1246	75.0	118	7.70	11.0	--	8.9	83
11...	1247	80.0	117	7.60	11.0	--	8.9	83
11...	1248	85.0	120	7.70	11.0	--	8.7	81
JUN								
27...	1300	--	--	--	--	156	--	--
27...	1301	1.00	140	6.10	30.5	--	7.6	104
27...	1302	5.00	140	6.10	30.0	--	7.5	101
27...	1303	10.0	140	6.00	30.0	--	7.5	101
27...	1304	15.0	140	5.70	29.5	--	7.3	98
27...	1305	20.0	141	5.80	29.5	--	7.5	100
27...	1306	25.0	137	5.20	27.0	--	5.7	73
27...	1307	30.0	138	5.00	23.0	--	2.7	32
27...	1308	35.0	138	5.00	20.0	--	0.8	9
27...	1309	40.0	140	5.10	16.5	--	0.2	2
27...	1310	45.0	141	5.00	15.5	--	0.2	2
27...	1311	50.0	132	5.20	14.5	--	0.2	2
27...	1312	55.0	136	5.80	13.5	--	0.2	2
27...	1313	60.0	143	6.90	12.5	--	0.2	2
27...	1314	65.0	148	6.90	12.5	--	0.2	2
27...	1315	70.0	152	7.00	12.0	--	0.2	2

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)
APR									
11...	1500	--	0.0	--	--	--	96.0	--	--
11...	1501	1.00	--	115	7.90	16.5	--	11.9	125
11...	1502	5.00	--	114	7.90	16.5	--	11.9	125
11...	1503	10.0	--	115	7.90	16.5	--	12.0	126
11...	1504	15.0	--	115	7.90	16.5	--	11.9	125
JUN									
27...	1700	--	0.0	--	--	--	96.0	--	--
27...	1701	1.00	--	130	7.30	29.0	--	7.1	94
27...	1702	5.00	--	130	7.30	29.0	--	6.9	91
27...	1703	10.0	--	130	7.20	29.0	--	7.1	94
27...	1704	12.0	--	130	7.20	29.0	--	7.1	94

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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)
APR								
11...	1615	--	--	--	--	108	--	--
11...	1616	1.00	90	7.80	17.5	--	12.4	133
11...	1617	5.00	89	7.80	17.5	--	12.0	129
11...	1618	10.0	88	7.80	17.5	--	11.8	127
11...	1619	15.0	88	7.80	17.5	--	11.7	126
JUN								
27...	1830	--	--	--	--	84.0	--	--
27...	1831	1.00	118	7.10	30.5	--	6.8	93
27...	1832	5.00	118	7.10	31.0	--	6.7	92
27...	1833	10.0	115	7.00	30.5	--	6.4	87
27...	1834	15.0	112	6.90	30.5	--	6.0	82

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)
APR								
12...	1000	--	--	--	--	20.0	--	--
12...	1001	1.00	40	7.70	17.5	--	10.4	111
12...	1002	5.00	40	7.60	17.5	--	10.3	110
12...	1003	10.0	40	7.60	17.5	--	10.2	109
12...	1004	13.0	39	7.50	17.5	--	10.1	108
JUN								
28...	1100	--	--	--	--	30.0	--	--
28...	1101	1.00	82	6.60	30.0	--	7.3	98
28...	1102	5.00	82	6.70	30.0	--	7.1	95
28...	1103	10.0	82	6.80	29.5	--	7.0	93
28...	1104	13.0	82	6.80	29.5	--	7.0	93

02437000 - TOMBIGBEE RIVER NR AMORY, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
APR							
12...	1200	2170	106	7.40	15.5	11.6	118
JUN							
28...	1300	497	134	7.40	29.5	7.1	94

WATER-QUALITY DATA FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

MOBILE RIVER BASIN--Continued

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)
APR								
12...	1400	--	--	--	--	24.0	--	--
12...	1401	1.00	115	8.20	19.0	--	10.8	119
12...	1402	5.00	116	8.40	18.5	--	10.3	112
12...	1403	10.0	115	8.40	18.0	--	9.9	106
12...	1404	15.0	115	8.40	18.0	--	9.7	104
12...	1405	20.0	115	8.30	18.0	--	9.4	101
12...	1406	25.0	115	8.20	18.0	--	9.3	100
JUN								
28...	1500	--	--	--	--	36.0	--	--
28...	1501	1.00	137	8.10	33.0	--	8.2	116
28...	1502	5.00	137	8.00	32.5	--	8.0	112
28...	1503	10.0	138	7.60	30.5	--	5.8	78
28...	1504	15.0	138	7.30	30.0	--	5.4	72
28...	1505	20.0	138	7.20	30.0	--	4.9	66
28...	1506	22.0	138	7.10	30.0	--	4.9	66

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)
APR									
12...	1500	--	2650	--	--	--	22.0	--	--
12...	1501	1.00	--	119	7.90	18.0	--	11.5	124
12...	1502	5.00	--	119	7.90	18.0	--	11.3	122
12...	1503	10.0	--	118	7.90	18.0	--	11.2	120
12...	1504	12.0	--	118	7.90	18.0	--	11.1	119
JUN									
28...	1700	--	106	--	--	--	33.0	--	--
28...	1701	1.00	--	136	7.60	31.5	--	7.2	99
28...	1702	5.00	--	136	7.50	31.0	--	6.4	87
28...	1703	10.0	--	136	7.40	31.0	--	6.3	86
28...	1704	15.0	--	136	7.40	31.0	--	6.6	90
28...	1705	16.0	--	136	7.40	31.0	--	6.6	90

334219088281935 - TTW COLUMBUS LAKE MCKINLEY CREEK BENDWAY 50A

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)
APR								
13...	1530	--	--	--	--	--	--	--
13...	1531	1.00	205	7.20	20.5	--	11.0	124
13...	1532	5.00	263	7.30	18.5	--	10.4	112
13...	1533	10.0	465	7.20	17.0	--	9.6	101
13...	1534	15.0	495	7.20	16.5	--	9.3	96
JUN								
29...	1530	--	--	--	--	50.4	--	--
29...	1531	1.00	705	7.40	34.0	--	7.8	112
29...	1532	5.00	1110	7.50	33.0	--	8.4	119
29...	1533	10.0	972	7.40	31.5	--	7.5	103
29...	1534	15.0	1330	7.10	31.0	--	5.3	72

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

MOBILE RIVER BASIN--Continued

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)
APR								
13...	1615	--	--	--	--	24.0	--	--
13...	1616	1.00	139	7.20	19.0	--	10.3	112
13...	1617	5.00	139	7.20	18.5	--	10.3	111
13...	1618	10.0	139	7.10	18.5	--	10.2	110
13...	1619	15.0	139	7.10	18.5	--	10.2	110
JUN								
29...	1700	--	--	--	--	36.0	--	--
29...	1701	1.00	210	7.60	33.0	--	8.1	114
29...	1702	5.00	209	7.60	32.5	--	8.1	113
29...	1703	10.0	207	7.40	31.0	--	6.6	90
29...	1704	15.0	212	7.20	30.5	--	5.2	70
29...	1705	17.0	216	6.90	30.0	--	4.4	59

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)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
APR 13...	1030	1480	30	6.80	16.5	9.4	97
JUN 29...	1000	108	39	7.00	28.0	7.0	91

02441000 - TIBBEE CREEK NR TIBBEE, MS

DATE	TIME	STREAM- FLOW, INSTAN- TANEOUS (CFS)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	OXYGEN, DIS- SOLVED (MG/L)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION)
APR 13...	0830	1330	213	7.80	14.5	10.6	105
JUN 29...	0800	140	342	7.70	28.5	6.4	84

WATER-QUALITY DATA FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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)
APR								
13...	1700	--	--	--	--	24.0	--	--
13...	1701	1.00	114	7.60	19.5	--	10.8	119
13...	1702	5.00	114	7.60	19.5	--	10.7	118
13...	1703	10.0	113	7.60	19.0	--	10.1	110
13...	1704	15.0	118	7.60	19.0	--	9.9	108
13...	1705	20.0	127	7.60	18.5	--	9.7	105
13...	1706	25.0	130	7.60	18.5	--	9.4	101
JUN								
29...	1800	--	--	--	--	31.2	--	--
29...	1801	1.00	212	8.20	33.5	--	8.9	127
29...	1802	5.00	210	8.20	33.5	--	8.8	125
29...	1803	10.0	213	7.80	31.5	--	7.5	103
29...	1804	15.0	220	7.50	30.5	--	5.1	69
29...	1805	20.0	210	7.20	30.0	--	4.1	55
29...	1806	24.0	218	7.00	29.5	--	3.1	41

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 1987 TO SEPTEMBER 1988

PASCAGOULA RIVER BASIN

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI

303018088351800 - PASCAGOULA RIVER AT MI 15

02479340

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)
AUG						
24...	1026	1.00	106	7.10	28.5	7.6
24...	1027	5.00	107	6.80	28.5	7.6
24...	1028	10.0	106	6.60	28.0	7.6

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCOI FECAL, KF AGAR (COLS. PER 100 ML)
AUG			
24...	1025	K25	K15

302954088344000 - PASCAGOULA RIVER AT MI 14

02479340

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)
AUG						
23...	1806	1.00	146	7.10	29.5	8.6
23...	1807	5.00	146	6.90	29.5	8.2
23...	1808	10.0	146	6.80	29.5	8.2
23...	1809	12.0	146	6.70	29.5	8.2
24...	1015	1.00	115	7.10	28.5	7.6
24...	1016	5.00	114	6.90	28.5	7.6
24...	1017	10.0	117	6.80	28.5	7.6
24...	1018	15.0	215	6.60	28.5	7.6
24...	1019	16.0	215	6.60	28.5	7.6

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCOI FECAL, KF AGAR (COLS. PER 100 ML)
AUG			
23...	1805	100	K28

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)
AUG						
23...	1800	1.00	164	7.00	29.5	8.5
23...	1801	5.00	167	6.90	29.5	8.2
23...	1802	10.0	172	6.80	29.5	8.1
23...	1803	12.0	174	6.70	29.5	8.2
24...	1010	1.00	208	6.90	29.0	7.8
24...	1011	5.00	250	6.80	28.5	7.7
24...	1012	10.0	13000	6.70	29.0	3.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 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)
AUG						
23...	1745	1.00	1000	6.80	29.5	8.0
23...	1746	5.00	1470	6.70	29.5	7.5
23...	1747	10.0	11000	6.70	29.5	4.5
23...	1748	15.0	35200	7.00	28.0	0.1
23...	1749	17.0	35900	7.10	28.0	0
24...	1000	1.00	720	7.10	29.0	7.7
24...	1001	5.00	2240	6.60	29.0	6.5
24...	1002	10.0	19300	6.90	29.0	2.5
24...	1003	15.0	32600	7.00	28.5	0
24...	1004	20.0	36000	7.10	28.0	0
24...	1005	23.0	37000	7.10	28.0	0

302822088332500 - PASCAGOULA RIVER AT MI 11

02479342

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)
AUG						
23...	1735	1.00	2640	6.70	29.5	7.6
23...	1736	5.00	31600	6.70	29.5	6.9
23...	1737	10.0	21600	6.90	29.0	1.7
23...	1738	15.0	36000	7.20	28.0	0.1
23...	1739	20.0	36600	7.20	28.0	0
23...	1740	22.0	36600	7.20	28.0	0
24...	0945	1.00	1290	6.80	29.0	7.5
24...	0946	5.00	3030	6.70	29.0	6.3
24...	0947	10.0	19800	6.90	29.5	2.8
24...	0948	15.0	29200	7.10	29.0	0.6
24...	0949	19.0	35800	7.20	28.0	0

302725088333700 - PASCAGOULA RIVER AT MI 10

02479342

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)
AUG						
23...	1725	1.00	3440	6.80	29.5	8.0
23...	1726	5.00	3760	6.80	29.5	7.5
23...	1727	10.0	18900	6.90	29.0	3.2
23...	1728	15.0	36100	7.10	28.0	0.1
23...	1729	19.0	36500	7.20	28.0	0
24...	0940	1.00	2340	6.90	29.0	7.0
24...	0941	5.00	9700	6.80	29.5	4.6
24...	0942	10.0	23200	7.00	29.5	2.4
24...	0943	12.0	25500	7.10	29.0	2.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302648088340600 - PASCAGOULA RIVER AT MI 9

02479342

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)
AUG						
23...	1720	1.00	3450	6.80	30.0	7.6
23...	1721	5.00	4370	6.80	30.0	7.2
23...	1722	9.00	11300	6.80	29.0	5.2
24...	0930	1.00	2250	7.00	29.0	7.4
24...	0931	5.00	6700	6.80	29.5	5.6
24...	0932	10.0	26000	7.10	29.0	2.9
24...	0933	12.0	28900	7.40	29.5	3.6

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)
AUG						
23...	1711	1.00	4450	6.80	30.0	7.6
23...	1712	5.00	7700	6.80	29.5	6.5
23...	1713	10.0	31400	7.20	29.0	2.0
23...	1714	15.0	35200	7.50	29.0	2.6
23...	1715	18.0	36000	7.50	29.0	1.7
24...	0916	1.00	4490	7.20	29.0	7.0
24...	0917	5.00	13200	7.00	29.0	3.9
24...	0918	10.0	25400	7.30	29.5	4.7
24...	0919	15.0	34900	7.80	29.5	4.2
24...	0920	20.0	39500	7.80	29.5	4.0
24...	0921	25.0	40300	7.90	29.5	4.1

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML)	STREP- TOCOCCHI 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)
AUG											
23...	1710	--	1100	K120	0.020	0.100	0.200	0.80	0.040	0.020	11
24...	0915	1.3	450	200	0.010	0.100	0.180	0.22	0.040	0.030	7.8

302526088333600 - PASCAGOULA RIVER AT MI 7

02479343

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)
AUG						
23...	1700	1.00	5510	6.80	30.0	7.6
23...	1701	5.00	5930	6.80	30.0	7.3
23...	1702	10.0	10900	6.90	30.0	5.8
23...	1703	13.0	28900	7.20	29.0	2.1
24...	0910	1.00	7370	6.90	29.5	7.6
24...	0911	5.00	11600	6.90	29.5	5.9
24...	0912	10.0	41400	7.90	29.5	5.4
24...	0913	13.0	43500	8.00	29.5	5.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 PASCAGOULA RIVER BASIN--Continued
 PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

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)
AUG						
23...	1946	1.00	53	6.10	27.0	7.6
23...	1947	5.00	50	5.90	27.0	7.4
23...	1948	10.0	49	5.90	27.0	7.3
23...	1949	15.0	47	5.60	27.0	7.3
23...	1950	20.0	47	5.30	27.0	7.2
24...	1111	1.00	60	5.90	27.0	7.0
24...	1112	5.00	63	5.80	27.0	6.8
24...	1113	10.0	68	5.80	27.0	6.7
24...	1114	15.0	73	5.60	27.0	6.7

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCI FECAL, KF AGAR (COLS. PER 100 ML)
AUG			
23...	1945	430	88
24...	1110	1000	160

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)
AUG						
23...	1935	1.00	67	6.50	26.5	7.7
23...	1936	5.00	68	6.20	27.0	7.5
23...	1937	10.0	61	6.70	27.0	7.4
23...	1938	15.0	67	5.60	27.0	7.3
24...	1100	1.00	87	6.40	27.5	7.0
24...	1101	5.00	100	6.20	27.0	6.8
24...	1102	10.0	130	6.00	27.0	6.8
24...	1103	13.0	130	5.90	27.0	6.7

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302541088290100 - ESCATAWPA RIVER AT MI 7

02480205

		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)			
AUG									
23...		1921	1.00	520	6.40	27.0	7.6		
23...		1922	5.00	520	6.20	27.0	7.3		
23...		1923	10.0	530	6.10	27.0	7.3		
23...		1924	15.0	520	5.80	27.0	7.4		
23...		1925	20.0	520	5.70	27.0	7.4		
23...		1926	25.0	520	5.70	27.0	7.3		
23...		1927	30.0	520	5.60	27.0	7.4		
23...		1928	35.0	520	5.60	27.0	7.4		
24...		1041	1.00	360	6.80	27.5	6.7		
24...		1042	5.00	380	6.50	27.5	6.6		
24...		1043	10.0	380	6.00	27.0	6.7		
24...		1044	15.0	460	6.00	27.0	6.5		
24...		1045	20.0	4800	5.90	27.0	5.3		
24...		1046	25.0	6200	6.00	27.5	5.0		
24...		1047	30.0	7100	6.10	27.5	4.8		
24...		1048	40.0	--	--	--	--		
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, ORTHOPHOSPHATE TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	
AUG									
23...	1920	--	<0.010	0.200	0.040	0.46	0.030	0.010	10
24...	1040	1.1	<0.010	0.100	0.080	0.42	0.030	0.010	11

302512088292200 - ESCATAWPA RIVER AT MI 6

02480205

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)
AUG						
23...	1905	1.00	890	6.90	27.0	7.6
23...	1906	5.00	1300	6.50	27.0	7.2
23...	1907	10.0	1340	6.40	27.0	7.1
23...	1908	15.0	1540	6.10	27.0	7.1
23...	1909	20.0	2740	5.90	27.0	6.8
24...	1030	1.00	720	6.90	28.0	6.6
24...	1031	5.00	880	6.60	28.0	6.5
24...	1032	10.0	2700	6.40	28.0	5.6
24...	1033	15.0	18900	6.70	28.0	2.9
24...	1034	17.0	--	--	--	--

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 PASCAGOULA RIVER BASIN--Continued
 PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302515088301300 - ESCATAWPA RIVER AT MI 5

02480205

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)	
AUG							
23...	1856	1.00	2220	7.10	27.5	6.6	
23...	1857	5.00	2330	6.70	27.5	6.4	
23...	1858	10.0	2450	6.30	27.5	6.5	
23...	1859	15.0	3130	6.30	27.5	6.3	
23...	1900	18.0	3560	6.30	27.5	6.2	
24...	1021	1.00	1100	7.00	28.0	6.3	
24...	1022	5.00	1600	6.70	27.5	6.1	
24...	1023	10.0	10000	6.50	28.0	3.9	
24...	1024	15.0	16000	6.70	29.0	3.3	
24...	1025	20.0	12700	6.80	29.0	3.3	
DATE	TIME	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, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
AUG							
23...	1855	<0.010	0.100	0.120	0.58	0.030	11
24...	1020	<0.010	0.100	0.180	0.42	0.040	9.7

302528088304400 - ESCATAWPA RIVER AT MI 4

02480205

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)
AUG						
23...	1845	1.00	3230	7.20	27.0	6.7
23...	1846	5.00	3370	6.50	27.5	6.2
23...	1847	10.0	3450	6.50	27.5	6.2
23...	1848	15.0	4500	6.30	28.0	6.0
23...	1849	20.0	18500	6.20	28.0	3.5
23...	1850	25.0	31100	6.70	28.5	3.3
24...	1010	1.00	2700	7.00	28.0	5.7
24...	1011	5.00	5700	6.80	28.0	4.7
24...	1012	10.0	18900	6.70	29.0	3.9
24...	1013	15.0	28600	6.80	29.0	3.3
24...	1014	19.0	29200	7.00	29.0	3.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302455088313100 - ESCATAWPA RIVER AT MI 3

02480206

		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								
AUG									
23...	1801	1.00	7070	7.00	28.0	5.6			
23...	1802	5.00	7150	6.80	28.0	5.4			
23...	1803	10.0	8620	6.70	28.0	5.2			
23...	1804	15.0	12600	6.70	28.0	4.6			
23...	1805	18.0	18300	6.70	28.0	3.7			
24...	0956	1.00	6800	7.50	29.0	5.1			
24...	0957	5.00	11500	7.20	29.0	3.7			
24...	0958	10.0	28600	7.10	29.0	3.9			
24...	0959	15.0	32300	7.20	29.0	3.5			
24...	1000	20.0	37000	7.30	29.0	3.1			
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- PHOROUS TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
AUG									
23...	1800	--	<0.010	<0.100	0.250	0.65	0.070	0.030	11
24...	0955	1.2	0.010	<0.100	0.240	0.46	0.080	0.030	9.0

302459088320800 - ESCATAWPA RIVER AT MI 2

02480206

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)
AUG						
23...	1745	1.00	860	6.70	29.0	5.3
23...	1746	5.00	875	6.80	29.0	5.1
23...	1747	10.0	910	6.80	29.0	4.9
23...	1748	15.0	945	6.70	29.0	4.9
23...	1749	20.0	980	6.60	29.0	4.8
23...	1750	25.0	1280	6.60	28.5	4.4
23...	1751	30.0	30300	6.50	28.5	3.5
24...	0940	1.00	6200	7.70	28.0	5.6
24...	0941	5.00	12900	7.30	29.0	3.9
24...	0942	10.0	30200	7.20	29.0	4.1
24...	0943	15.0	36500	7.50	29.0	4.8
24...	0944	20.0	38400	7.60	29.5	5.0
24...	0945	25.0	39200	7.70	29.5	4.9
24...	0946	26.0	--	--	--	--

02480207

- ESCATAWPA RIVER AT MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET)	SPE- CIFIC CON- DUCT- ANCE	PH	TEMPER-	OXYGEN,
			(US/CM)	(STAND- ARD UNITS)	ATURE WATER	DIS- SOLVED
AUG						
23...	1721	1.00	960	6.90	30.0	5.4
23...	1722	5.00	960	6.80	30.0	5.4
23...	1723	10.0	970	6.70	30.0	5.4
23...	1724	15.0	1120	6.60	29.5	4.9
23...	1725	20.0	25600	6.90	28.5	3.8
24...	0931	1.00	8300	7.60	28.5	5.2
24...	0932	5.00	12000	7.40	29.0	4.6
24...	0933	10.0	32500	7.40	29.0	4.9
24...	0934	15.0	41000	7.70	29.0	5.3
24...	0935	20.0	42300	7.90	29.0	5.3
24...	0936	23.0	42700	7.90	29.0	5.2

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
PASCAGOULA RIVER BASIN--Continued
PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--C

02480207 - ESCATAWPA RIVER AT MOSS POINT, MS--Continued

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP- TOCOCI GEN, 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)
AUG											
23...	1720	--	380	230	0.010	<0.100	0.240	0.46	0.060	0.030	10
24...	0930	0.9	3300	410	0.020	<0.100	0.260	0.44	0.050	0.040	7.8

DATE	TIME	TUR- BID- ITY (FTU)	HARD- NESS TOTAL (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)	SODIUM PERCENT	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
AUG 23...	1720	1.2	1900	130	380	3300	7.8	95	830	5300

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L)	BERYL- LUM, 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)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)
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AUG
23... 10600 6 <10 <1 4 13 <5 0.10 3 50

[illegible]

AUG											
23...	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<10.0	<10.0	<5.0	<5.0	<5.0

[illegible]

AUG												
23...	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<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)
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[illegible][illegible][illegible]

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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)
AUG 23...	<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)
AUG						
23...	1700	1.00	1000	6.70	30.0	5.2
23...	1701	5.00	1030	6.70	30.0	5.4
23...	1702	10.0	1070	6.70	30.0	5.4
23...	1703	15.0	1400	6.60	29.5	4.6
23...	1704	20.0	28400	6.80	29.0	3.9
24...	0910	1.00	10100	6.80	29.0	6.4
24...	0911	5.00	11800	6.70	29.0	5.4
24...	0912	10.0	34600	7.20	29.0	5.8
24...	0913	15.0	44500	7.60	29.0	5.6
24...	0914	20.0	44900	7.80	29.0	5.5
24...	0915	25.0	45400	7.90	29.0	5.9
24...	0916	27.0	--	--	--	--

302507088342800 - PASCAGOULA RIVER AT MI 6

02480208

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)
AUG						
23...	1631	1.00	9600	6.80	29.5	6.4
23...	1632	5.00	11600	6.80	30.0	5.1
23...	1633	10.0	22800	7.00	29.0	3.1
23...	1634	12.0	36300	7.10	29.0	2.5
24...	0841	1.00	10900	7.00	29.0	5.7
24...	0842	5.00	19000	7.10	29.0	5.6
24...	0843	10.0	43100	8.00	29.5	5.2
24...	0844	14.0	45500	8.00	29.0	5.1

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- PHOROUS TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
AUG									
23...	1630	--	<0.010	<0.100	0.200	0.50	0.070	0.030	10
24...	0840	1.2	0.010	<0.100	0.230	0.27	0.060	0.030	7.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 PASCAGOULA RIVER BASIN--Continued
 PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302430088350400 - PASCAGOULA RIVER AT MI 5

02480208

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)
AUG						
23...	1625	1.00	8640	6.90	30.5	6.9
23...	1626	5.00	15100	6.90	30.0	4.7
23...	1627	10.0	28500	7.20	29.0	3.1
23...	1628	13.0	33800	7.40	29.0	3.0
24...	0830	1.00	17800	7.20	29.0	6.7
24...	0831	5.00	30500	7.70	29.0	6.3
24...	0832	10.0	46000	8.00	29.5	5.4
24...	0833	13.0	46100	8.00	29.5	5.2

302345088343800 - PASCAGOULA RIVER AT MI 4

02480208

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)
AUG						
23...	1616	1.00	14000	4.90	30.0	--
23...	1617	5.00	15800	4.90	30.0	--
23...	1618	10.0	30700	5.20	29.5	--
23...	1619	15.0	33800	5.60	29.0	--
23...	1620	18.0	34600	5.60	29.0	--
24...	0821	1.00	21900	7.50	29.0	7.1
24...	0822	5.00	33600	7.90	29.0	6.7
24...	0823	10.0	45200	8.00	29.5	5.3
24...	0824	15.0	46700	8.00	29.5	5.3
24...	0825	20.0	46900	8.10	29.5	5.3
24...	0826	21.0	46900	8.10	29.5	5.3

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- PHOROUS TOTAL (MG/L AS P)	PHOS- PHOROUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
AUG									
23...	1615	--	0.010	<0.100	0.220	0.38	0.050	0.030	8.2
24...	0820	1.5	0.020	<0.100	0.370	0.23	0.060	0.040	5.1

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

302319088335400 - PASCAGOULA RIVER AT MI 3

02480209

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)
AUG						
23...	1555	1.00	16000	4.70	31.0	--
23...	1556	5.00	16400	4.80	31.0	--
23...	1557	10.0	23900	4.90	31.0	--
23...	1558	15.0	27300	5.10	30.0	--
23...	1559	20.0	26000	5.30	30.0	--
24...	0810	1.00	29300	7.80	29.0	7.5
24...	0811	5.00	38800	8.00	29.5	6.6
24...	0812	10.0	45300	8.10	29.5	5.9
24...	0813	15.0	46900	8.10	29.5	5.8
24...	0814	20.0	47000	8.10	29.5	5.6
24...	0815	25.0	47200	8.10	29.5	5.6
24...	0816	30.0	47700	8.10	29.5	5.6
24...	0817	35.0	47400	8.10	29.5	5.5
24...	0818	40.0	47400	8.10	29.0	5.5
24...	0819	45.0	47200	8.10	29.5	5.6

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)
AUG						
23...	1531	1.00	18600	6.60	30.5	2.7
23...	1532	5.00	23300	6.80	30.0	2.7
23...	1533	10.0	24100	6.90	30.0	2.8
23...	1534	15.0	26300	7.10	30.0	2.9
23...	1535	20.0	36500	7.40	29.5	2.2
23...	1536	21.0	36500	7.40	29.5	2.2
24...	0756	1.00	38300	8.00	29.5	6.8
24...	0757	5.00	42500	8.00	29.5	6.5
24...	0758	10.0	42700	8.10	29.5	6.5
24...	0759	15.0	46100	8.10	29.5	6.7
24...	0800	20.0	47100	8.10	29.5	6.5
24...	0801	22.0	47900	8.10	29.0	6.0

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- PHOROUS TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
AUG											
23...	1530	--	260	K62	0.020	<0.100	0.200	0.30	0.040	0.030	7.4
24...	0755	1.6	540	K140	0.010	<0.100	0.400	0.10	0.070	0.060	3.4

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY NEAR PASCAGOULA, MISSISSIPPI--Continued

02480210 - PASCAGOULA RIVER AT HWY 90 AT PASCAGOULA, MS--Continued

		TUR- BID- ITY (FTU)	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)		
AUG 23...	1530	1.5	3300	220	660	5800	78	150	1400	9800		
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L)	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)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN)	
AUG 23...	21600	74	<10	<1	3	4	<5	0.30	4	40		
DATE	TIME	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)
AUG 23...		<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<10.0	<10.0	<5.0	<5.0	<5.0
DATE	TIME	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 ETHER TOTAL (UG/L)	CHRY- SENE 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)
AUG 23...		<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
DATE	TIME	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)
AUG 23...		<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
DATE	TIME	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)
AUG 23...		<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
DATE	TIME	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)	
AUG 23...		<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

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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)
AUG						
23...	1515	1.00	23600	8.30	30.5	9.2
23...	1516	5.00	25700	8.30	30.0	8.6
23...	1517	10.0	31200	8.40	30.0	7.5
23...	1518	15.0	42000	8.60	29.5	7.1
23...	1519	20.0	45900	8.50	29.0	6.8
23...	1520	25.0	47800	8.50	29.0	6.9
23...	1521	30.0	48200	8.50	29.0	6.9
23...	1522	35.0	48900	8.50	29.0	6.8
23...	1523	40.0	49000	8.40	29.0	6.4
24...	0745	1.00	33000	8.00	30.0	7.9
24...	0746	5.00	40800	8.00	30.0	6.9
24...	0747	10.0	45200	8.10	29.5	7.4
24...	0748	15.0	46600	8.10	29.5	7.4
24...	0749	20.0	48400	8.10	29.0	6.8
24...	0750	25.0	48400	8.10	29.0	6.6

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)
AUG						
23...	1451	1.00	26000	7.60	30.5	5.8
23...	1452	5.00	30000	7.70	30.0	9.4
23...	1453	10.0	33500	8.70	29.5	8.6
23...	1454	15.0	43400	8.70	29.5	8.1
23...	1455	20.0	44800	8.80	29.5	8.1
23...	1456	25.0	48000	8.00	29.0	3.8
23...	1457	30.0	48400	8.80	29.0	6.5
23...	1458	35.0	48800	8.50	29.0	6.7
23...	1459	38.0	48900	8.30	29.0	5.7
24...	0726	1.00	33200	8.00	29.5	8.2
24...	0727	5.00	40200	8.00	30.0	6.7
24...	0728	10.0	44400	8.00	29.5	5.8
24...	0729	15.0	46700	8.10	29.5	6.3
24...	0730	20.0	48100	8.10	29.0	6.0
24...	0731	25.0	48600	8.10	29.0	6.1
24...	0732	30.0	48800	8.10	29.0	6.1
24...	0733	35.0	49100	8.10	29.0	5.8
24...	0734	40.0	49200	8.10	29.0	5.8

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- PHOROUS TOTAL (MG/L AS P)	PHOS- PHOROUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
AUG									
23...	1450	--	0.030	<0.100	0.380	0.02	0.070	0.030	5.2
24...	0725	1.7	0.010	<0.100	0.420	0.0	0.050	0.030	4.0

GROUND-WATER LEVELS

ADAMS COUNTY

313330091223702. Local number, CU02.

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 U8060204, at city water treatment plant on Brennam 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.

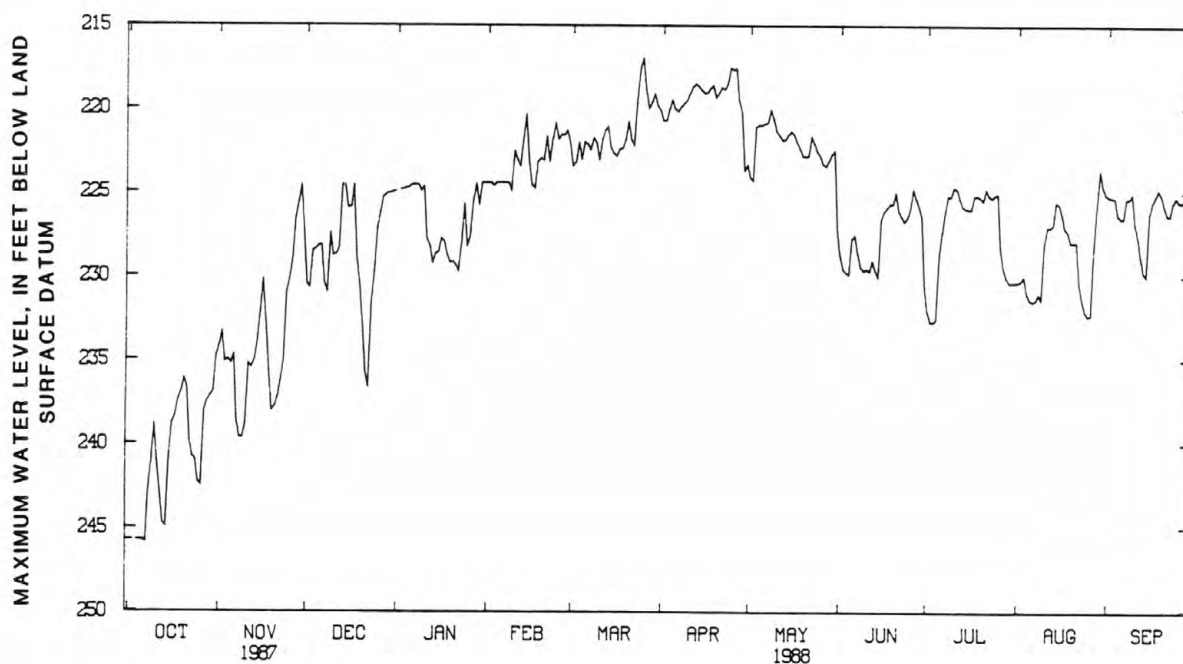
PERIOD OF RECORD.--Miscellaneous water-level measurements, August 1940, September 1955; periodic water-level measurements June 1980 to July 1982; August 1982 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	235.23	228.21	224.67	224.45	222.01	220.02	221.00	227.77	228.90	231.38	226.52
10	238.86	238.90	228.79	224.67	222.54	223.06	219.09	221.34	229.59	224.70	228.06	226.84
15	240.90	232.22	225.95	228.57	223.22	222.69	219.05	221.38	226.59	226.01	225.69	226.24
20	236.14	237.84	232.79	229.16	223.07	220.81	219.08	222.87	225.02	225.49	227.98	225.80
25	242.30	230.19	227.17	228.22	221.85	216.92	217.64	222.84	226.05	225.06	232.37	225.51
EOM	234.76	227.18	---	224.45	222.04	220.11	223.35	227.29	230.56	230.38	225.10	226.81

WTR YR 1988 MEAN 226.96 HIGH 216.92 MAR 25 LOW 245.90 OCT 7



GROUND-WATER LEVELS
ADAMS COUNTY--Continued

209

313256091214201. Local number, CU67.

LOCATION.--Lat 31°32'56", Long 91°21'42", in NW1/4 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.

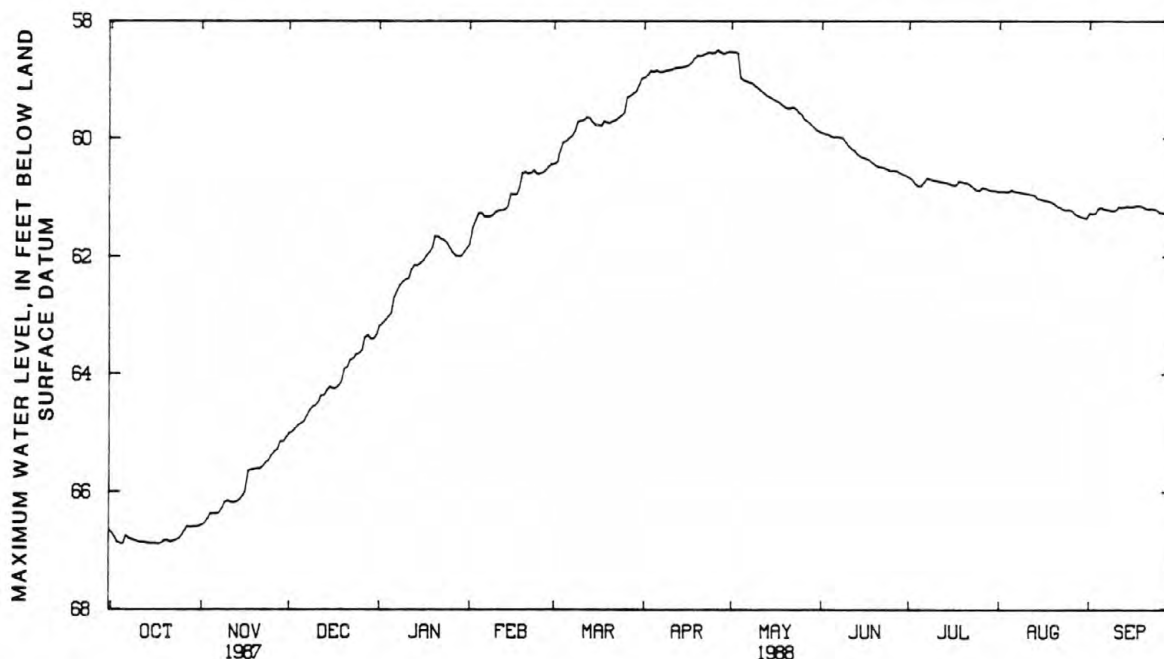
PERIOD OF RECORD.--Miscellaneous water-level measurements April 1961 to May 1982; June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 58.49 ft below land-surface datum, Apr. 26, 1988; lowest, 80.18 ft below land-surface datum, July 25, 1963.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	66.90	66.37	64.84	62.97	61.26	60.05	58.84	59.01	59.99	60.81	60.88	61.17
10	66.86	66.15	64.53	62.39	61.24	59.70	58.83	59.15	60.13	60.72	60.94	61.22
15	66.89	66.08	64.22	62.11	60.95	59.77	58.77	59.33	60.33	60.78	61.03	61.16
20	66.83	65.61	63.91	61.66	60.57	59.74	58.60	59.49	60.48	60.76	61.12	61.18
25	66.76	65.38	63.65	61.85	60.60	59.56	58.54	59.60	60.55	60.89	61.21	61.25
EOM	66.59	65.08	63.34	61.86	60.44	58.98	58.52	59.89	60.64	60.90	61.36	61.30

WTR YR 1988 MEAN 61.77 HIGH 58.49 APR 26 LOW 66.90 OCT 5



GROUND-WATER LEVELS
ADAMS COUNTY--Continued

313605091202201. Local number, DU01.

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.

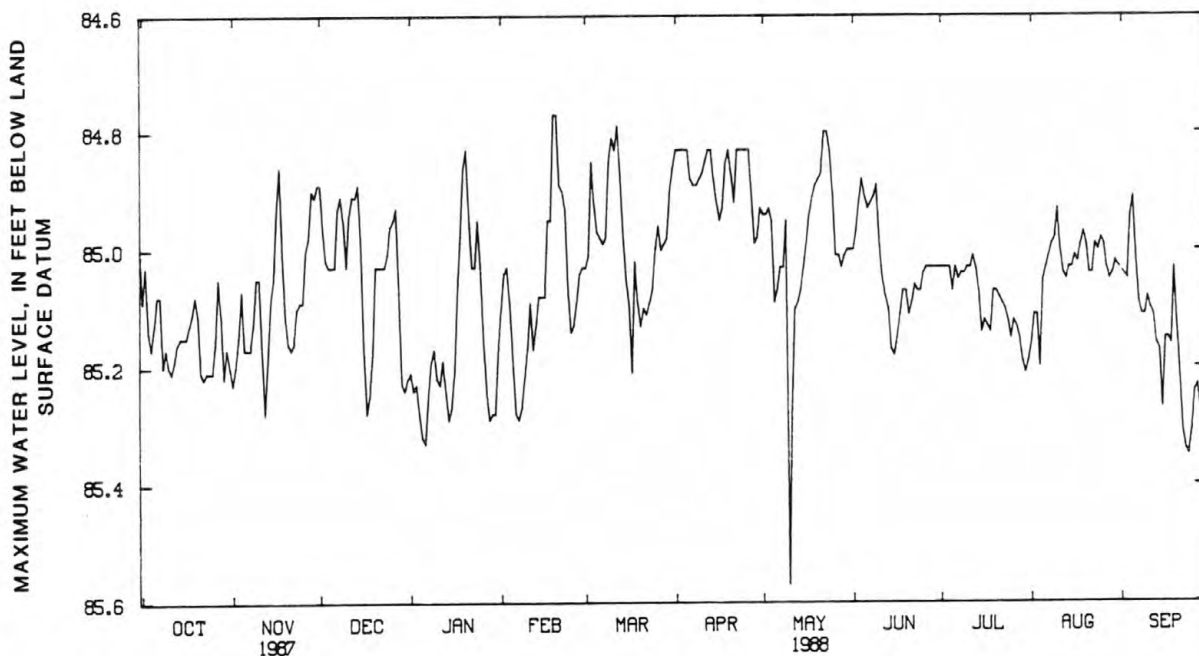
PERIOD OF RECORD.--Periodic water-level measurements June 1975 to March 1983; April 1983 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	85.13	85.17	85.03	85.32	85.19	84.97	84.83	85.09	84.91	85.07	85.05	84.91
10	85.20	85.05	85.03	85.22	85.17	84.81	84.87	85.57	84.99	85.03	84.93	85.08
15	85.15	85.05	84.99	85.27	85.08	85.05	84.92	85.03	85.18	85.14	85.03	85.27
20	85.11	85.16	85.03	84.83	84.77	85.13	84.87	84.88	85.11	85.07	84.99	85.13
25	85.21	85.09	84.96	85.03	85.14	85.00	84.83	84.90	85.04	85.15	84.98	85.31
EOM	85.20	84.89	85.22	85.17	85.03	84.86	84.93	85.00	85.03	85.19	---	85.33

WTR YR 1988 MEAN 85.06 HIGH 84.77 FEB 19 AND OTHERS LOW 85.57 MAY 10



GROUND-WATER LEVELS

211

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.

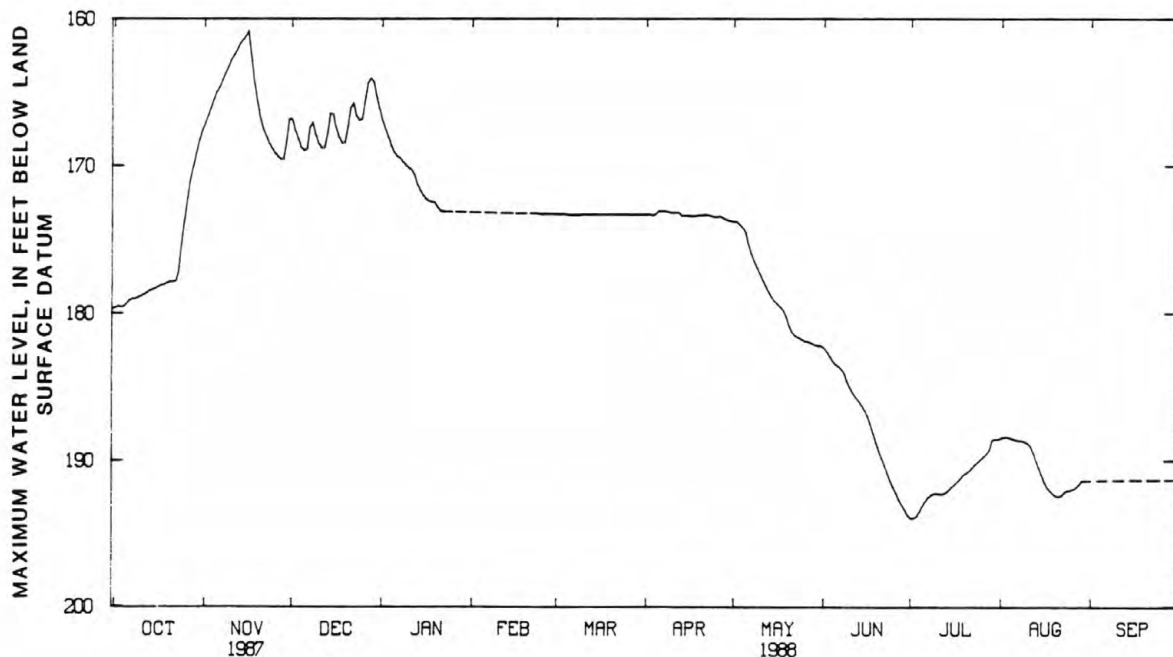
PERIOD OF RECORD.--Miscellaneous water-level measurements August 1962 to October 1963; January 1964 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	179.36	164.99	168.97	169.08	---	173.37	173.10	174.46	183.50	193.17	188.54	
10	178.83	162.78	168.49	170.17	---	173.31	173.19	177.33	185.09	192.24	188.82	
15	178.30	161.18	166.49	172.01	---	173.31	173.37	179.20	186.58	191.82	190.93	
20	177.85	166.79	167.44	172.82	---	173.31	173.37	180.87	189.34	190.85	192.43	
25	173.68	169.15	166.84	---	173.31	173.31	173.48	181.89	191.82	189.93	192.02	
EOM	167.66	166.86	166.11	---	173.31	173.30	173.77	182.25	193.71	188.55	---	

WTR YR 1988 MEAN 177.52 HIGH 160.84 NOV 16 LOW 193.94 JUL 2



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.

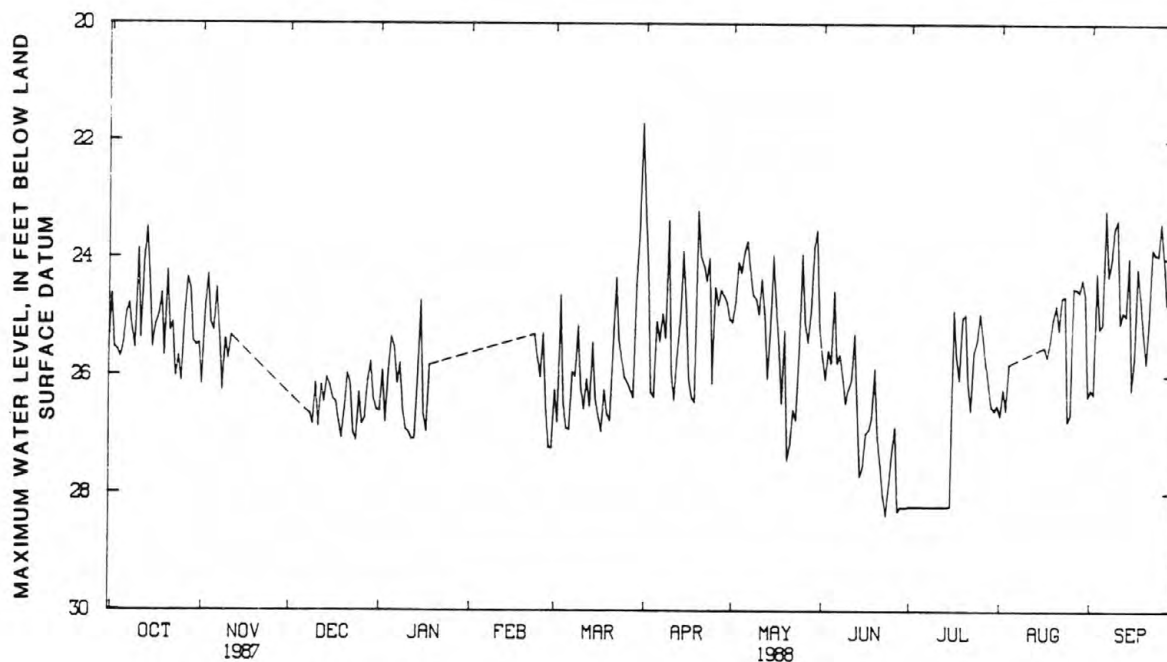
PERIOD OF RECORD.--Miscellaneous water-level measurements January 1957, October 1969; February 1981 to current year.

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 1987 TO SEPTEMBER 1988

LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.49	25.25	---	25.36	---	26.91	25.09	23.88	24.56	28.23	---	25.13
10	23.86	25.72	26.14	26.93	---	26.23	25.97	24.96	26.23	28.23	---	23.35
15	25.54	---	26.18	24.74	---	26.43	24.80	23.95	27.56	28.22	---	26.25
20	24.23	---	26.60	---	---	26.78	23.99	27.44	27.02	24.96	24.80	25.79
25	26.11	---	26.30	---	26.04	26.04	24.50	23.94	27.29	24.95	26.67	23.40
EOM	25.47	---	26.60	---	27.25	21.71	25.05	25.18	28.24	26.51	26.36	21.88
WTR YR 1988	MEAN	25.71	HIGH	21.71	MAR 31	LOW	28.38	JUN 23				



GROUND-WATER LEVELS

213

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.

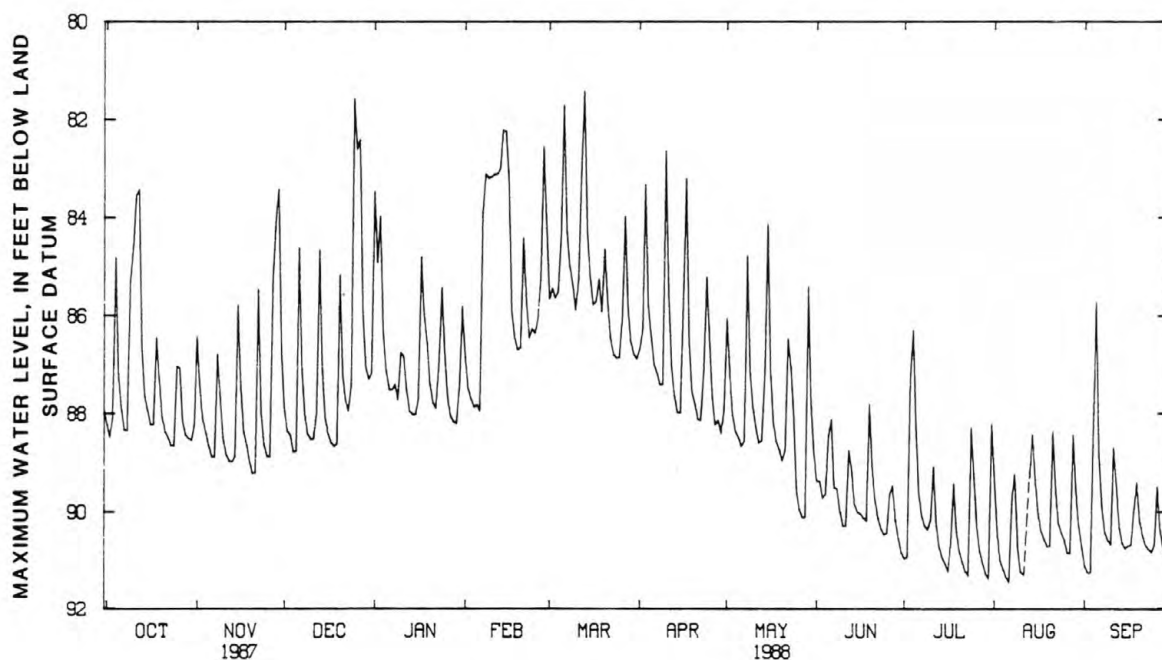
REMARKS.--Water levels affected by nearby pumping.

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, 91.46 ft below land-surface datum, Aug. 6, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	87.17	88.66	88.77	87.13	87.83	84.34	86.42	88.50	88.44	88.29	91.35	85.74
10	84.65	88.55	88.52	86.75	83.17	85.88	82.64	87.90	90.29	90.17	91.24	90.67
15	87.94	85.79	88.10	88.02	82.24	85.22	87.99	84.13	90.01	91.06	89.34	90.75
20	88.09	89.22	85.17	87.42	86.66	84.64	87.80	88.96	89.08	90.82	90.71	90.21
25	87.04	88.87	81.57	86.76	86.36	86.86	86.49	89.60	90.44	89.30	90.58	90.69
EOM	88.23	86.78	87.19	85.81	84.08	86.89	87.97	88.79	90.84	88.22	90.71	91.02
WTR YR 1988	MEAN	87.87	HIGH	81.42	MAR 13	LOW	91.46	AUG 6				



GROUND-WATER LEVELS
CLAY COUNTY--Continued

333509088402801. Local number, H099.

LOCATION.--Lat 33°35'09", long 88°40'28", in NE1/4 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.

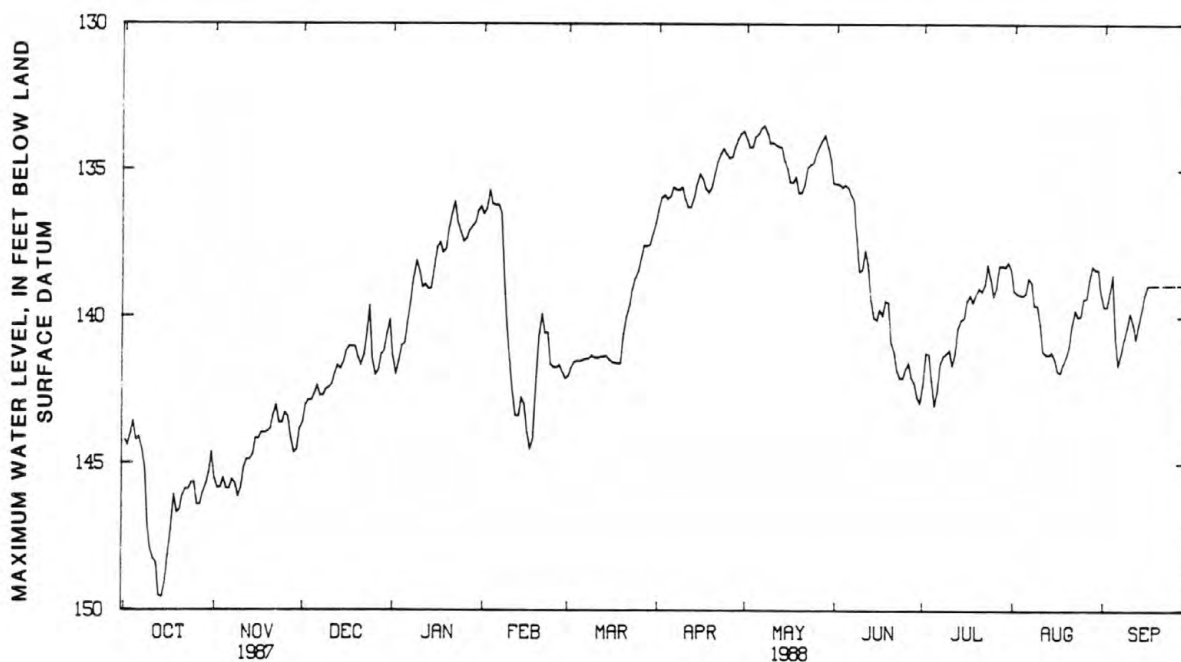
PERIOD OF RECORD.--Miscellaneous water-level measurements November 1971, August 1976; April 1985 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	144.23	145.88	142.65	140.92	136.22	141.54	135.92	133.78	135.61	143.04	139.20	140.70
10	147.93	145.88	142.43	138.43	141.50	141.40	136.00	134.07	138.40	141.14	140.22	139.87
15	149.12	144.17	141.59	138.34	143.01	141.47	135.14	134.93	140.12	140.04	141.43	139.23
20	146.62	143.84	141.39	136.97	140.63	140.59	135.17	135.79	140.90	139.03	141.03	---
25	145.64	143.29	141.49	137.46	141.75	138.49	134.59	134.43	141.78	139.30	139.39	---
EOM	144.64	143.83	140.11	136.26	142.12	136.84	133.68	135.45	142.96	138.36	139.22	---

WTR YR 1988 MEAN 140.09 HIGH 133.49 MAY 7 LOW 149.59 OCT 14



GROUND-WATER LEVELS

215

FORREST COUNTY

312115089193601. Local number, 8006.

LOCATION.--Lat 31°21'15", long 89°19'36", in SE1/4NW1/4 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.

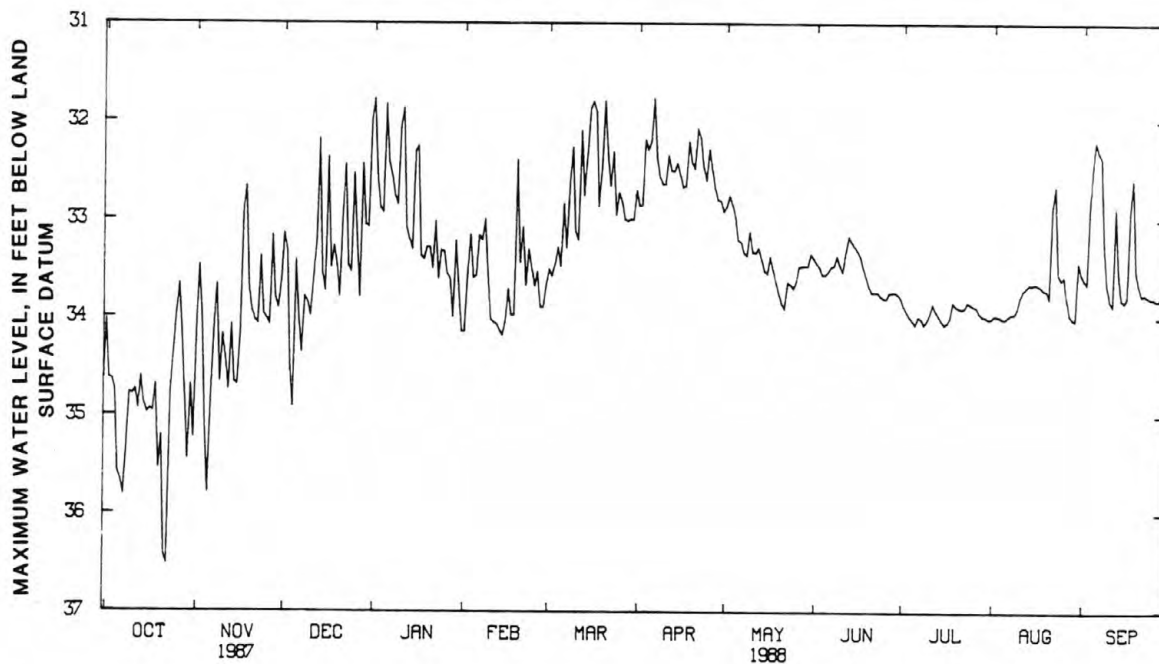
PERIOD OF RECORD.--Miscellaneous water-level measurements September 1955, May 1981, August 1981; October 1981 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	35.58	35.79	33.42	31.83	33.58	33.48	32.21	33.21	33.53	34.07	34.01	32.21
10	34.79	34.18	33.99	32.04	34.03	33.13	32.64	33.33	33.53	33.96	33.79	33.83
15	34.98	34.69	33.73	32.31	34.05	31.87	32.55	33.55	33.31	34.07	33.65	33.84
20	35.21	33.94	33.79	33.29	33.44	31.79	32.48	33.86	33.74	33.90	33.80	33.67
25	33.97	34.02	32.54	33.33	33.68	32.73	32.29	33.63	33.81	33.88	33.58	33.80
EOM	35.23	33.64	31.98	34.15	33.68	32.71	32.92	33.39	33.80	34.01	33.55	33.72

WTR YR 1988 MEAN 33.53 HIGH 31.77 APR 6 LOW 36.52 OCT 22



GROUND-WATER LEVELS

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 U31700U4, 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.

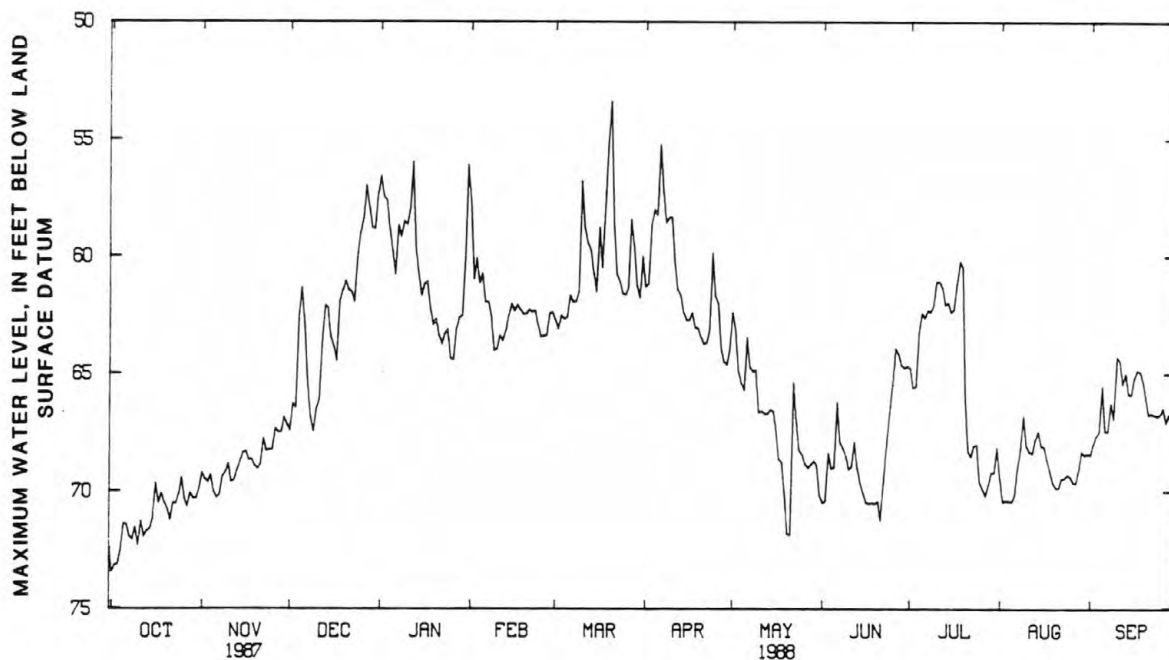
REMARKS.--Water levels affected by nearby pumping.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	71.41	70.03	61.35	59.78	60.77	62.61	58.23	65.71	69.00	62.43	70.46	65.52
10	72.30	68.85	66.53	58.65	63.97	56.81	58.34	66.65	69.08	61.09	68.07	64.27
15	71.20	68.38	63.48	61.68	62.05	61.52	62.73	66.62	70.09	62.39	68.07	65.91
20	70.75	69.05	61.07	62.71	62.46	53.39	63.46	71.83	70.46	66.00	69.86	66.01
25	69.45	68.23	58.99	64.37	63.44	61.66	61.71	68.45	65.48	69.62	69.40	66.74
EOM	69.93	67.17	57.36	56.10	62.39	60.04	64.01	70.18	64.68	68.14	68.41	67.02
WTR YR 1988	MEAN	65.22	HIGH	53.39	MAR 20	LOW	73.44	OCT 1				



GROUND-WATER LEVELS

217

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).

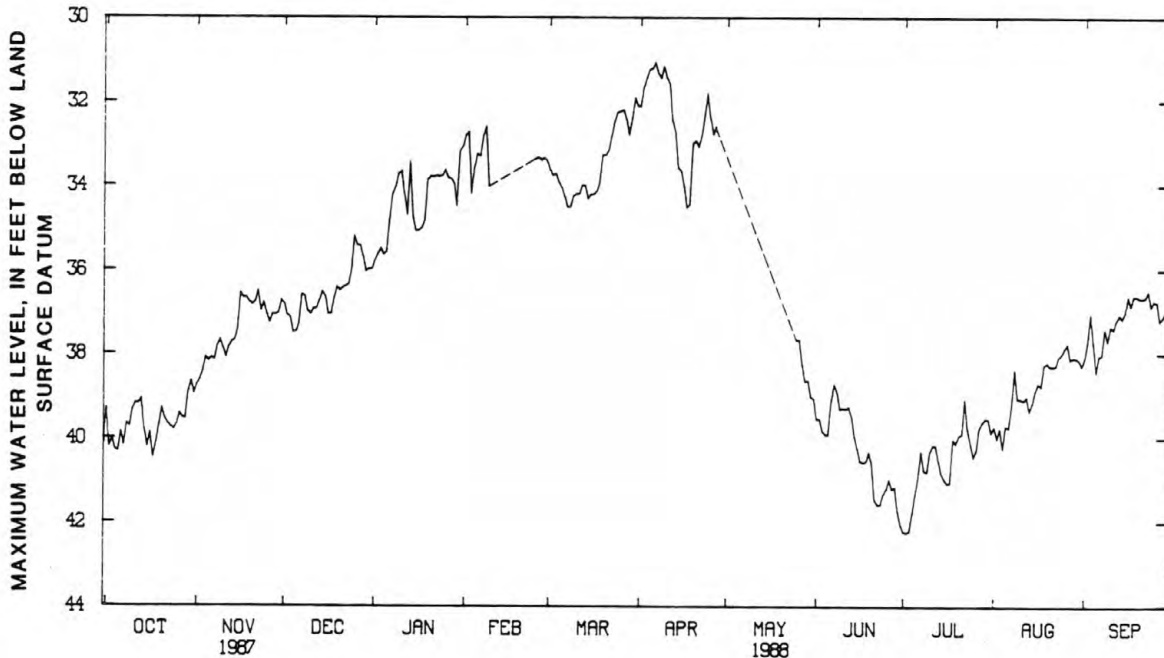
Measuring point: 1/2-in. plastic plug, top of seal, 1.00 ft above land-surface datum.

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, 42.25 ft below land-surface datum, July 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	40.33	38.17	37.48	35.58	33.26	34.05	31.21	---	39.92	41.34	39.71	38.44
10	39.32	37.87	37.06	33.67	---	34.21	31.43	---	39.29	40.32	39.07	37.35
15	40.20	37.43	36.64	35.08	---	34.22	33.67	---	40.24	40.99	38.88	37.00
20	39.30	36.83	36.49	33.79	---	33.27	32.93	---	40.61	39.94	38.29	36.66
25	39.69	37.06	35.20	33.64	33.36	32.23	32.38	37.67	41.20	40.45	37.87	36.74
EOM	38.95	36.73	35.99	33.08	33.43	32.10	---	39.07	42.06	39.86	38.29	36.79
WTR YR 1988 MEAN	36.97		HIGH	31.07	APR 6	LOW	42.25	JUL 2				



GROUND-WATER LEVELS

HINDS COUNTY

321945090152201. Local number, G125.

LOCATION.--Lat 32°19'45", long 90°15'22", in SE1SW4 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).

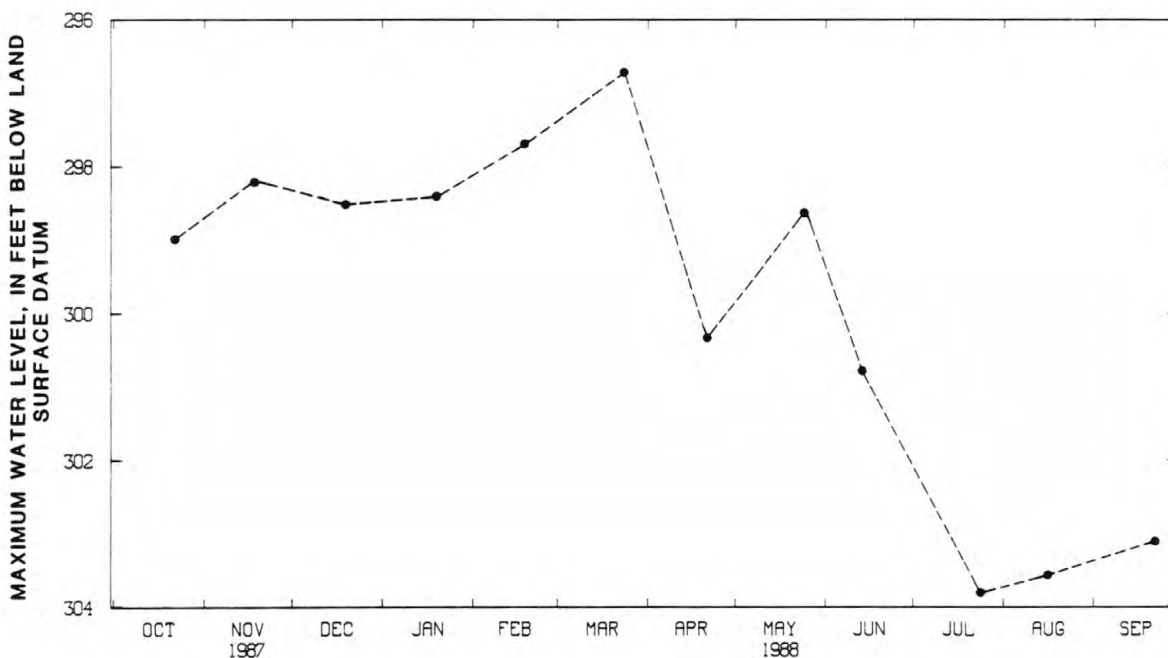
Measuring point: Top of 4-in coupling, 0.50 ft above land-surface datum.

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, 303.72 ft below land-surface datum, Aug. 18, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	299.06	DEC 22	298.89	FEB 25	297.70	APR 28	300.48	JUN 16	301.16	AUG 18	303.72
NOV 24	298.39	JAN 28	298.51	MAR 29	296.60	MAY 26	298.90	JUL 22	303.90	SEP 26	303.14



GROUND-WATER LEVELS
HINDS COUNTY--Continued

219

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).

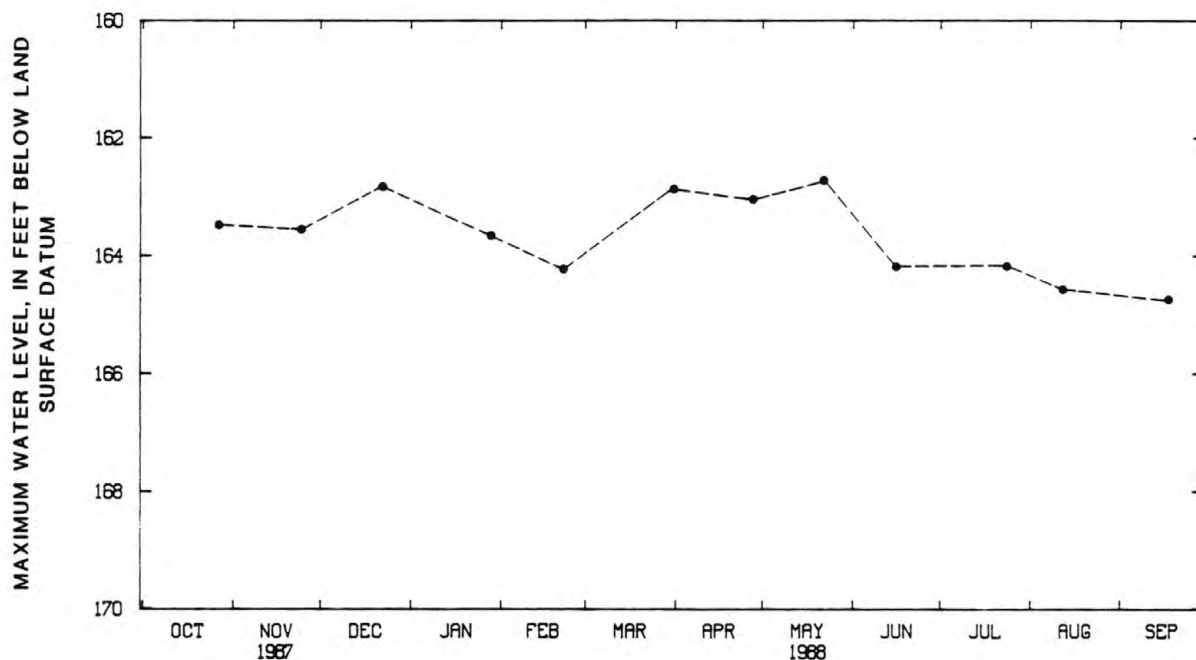
Measuring point: Top of casing, 40 ft above land-surface datum.

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, 164.69 ft below land-surface datum, Sept. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	163.61	DEC 22	162.98	FEB 25	164.16	APR 28	163.99	JUN 17	164.13	AUG 18	164.38
NOV 24	163.67	JAN 28	163.82	MAR 29	163.74	MAY 25	163.68	JUL 22	164.25	SEP 26	164.69



GROUND-WATER LEVELS

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 U3160101, 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.

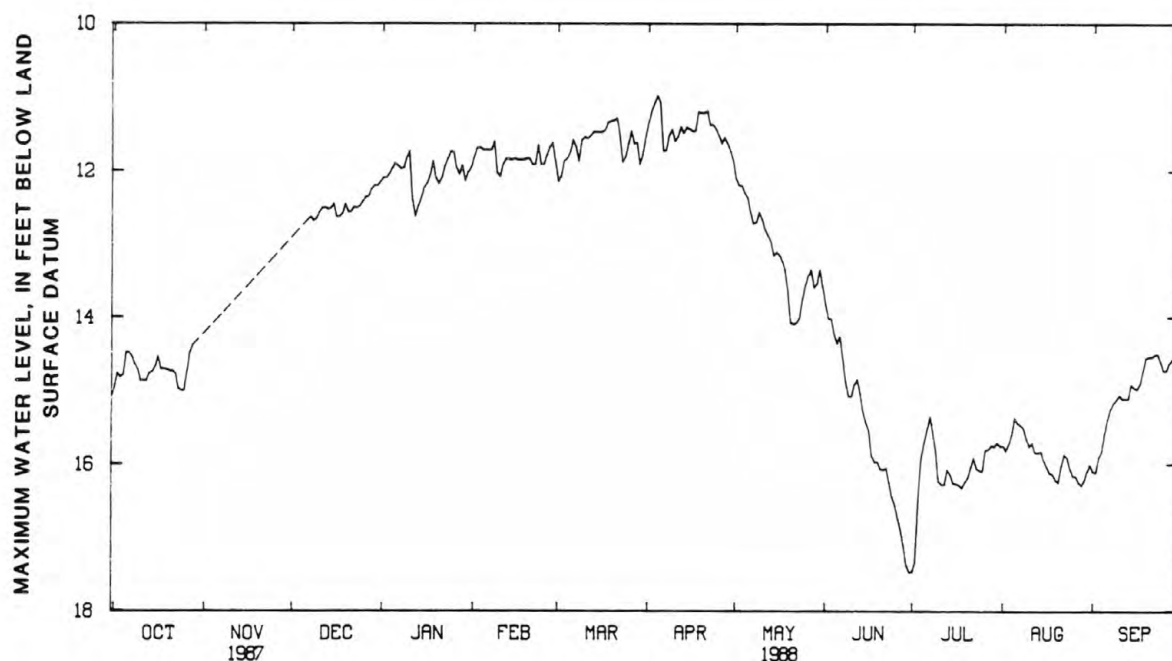
PERIOD OF RECORD.--June 1978 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.49		---	11.90	11.71	11.75	11.06	12.38	14.36	15.71	15.37	15.58
10	14.87		12.58	11.73	12.08	11.54	11.60	12.67	15.08	16.24	15.76	15.06
15	14.68		12.46	12.24	11.83	11.47	11.43	13.12	15.44	16.26	15.95	14.96
20	14.74		12.57	12.18	11.83	11.31	11.21	14.08	16.07	16.19	16.25	14.54
25	15.01		12.43	11.74	11.91	11.63	11.52	13.57	16.56	16.10	16.16	14.73
EOM	---		12.16	11.96	11.87	11.54	11.86	13.59	17.47	15.75	16.01	14.56

WTR YR 1988 MEAN 13.64 HIGH 10.98 APR 4 LOW 17.47 JUN 30 AND OTHERS



GROUND-WATER LEVELS

221

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.

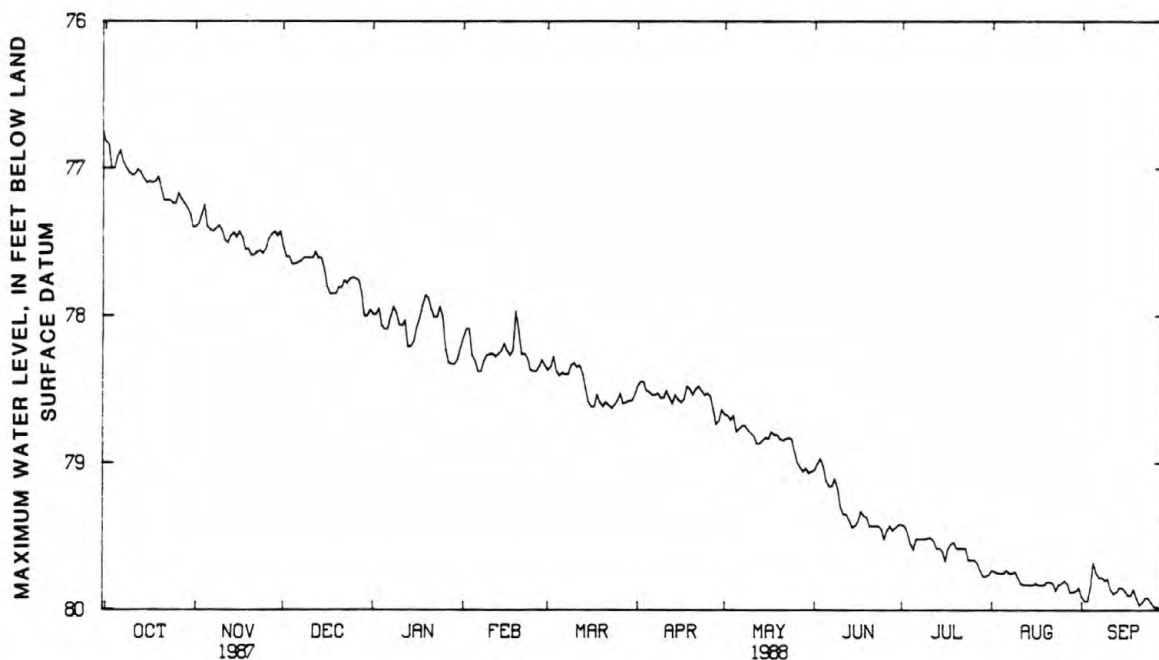
PERIOD OF RECORD.--February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 67.01 ft below land-surface datum, Feb. 5, 1986; lowest, 79.99 ft below land-surface datum, Sept. 28, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	76.92	77.40	77.65	78.09	78.31	78.41	78.52	78.79	79.12	79.59	79.75	79.68
10	77.05	77.42	77.61	78.06	78.26	78.32	78.56	78.80	79.30	79.51	79.78	79.79
15	77.10	77.47	77.68	78.18	78.19	78.59	78.57	78.83	79.43	79.60	79.83	79.85
20	77.14	77.59	77.81	77.88	78.10	78.62	78.54	78.84	79.43	79.58	79.81	79.92
25	77.24	77.55	77.74	78.01	78.38	78.58	78.53	78.92	79.52	79.66	79.82	79.95
EOM	77.40	77.43	77.96	78.22	78.34	78.54	78.64	79.06	79.42	79.76	79.85	79.97

WTR YR 1988 MEAN 78.59 HIGH 76.82 OCT 1 LOW 79.99 SEP 28



GROUND-WATER LEVELS

JONES COUNTY

314210089084401. Local number, C034.

LOCATION.--Lat 31°42'47", long 89°08'44", in SW1SE1 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.

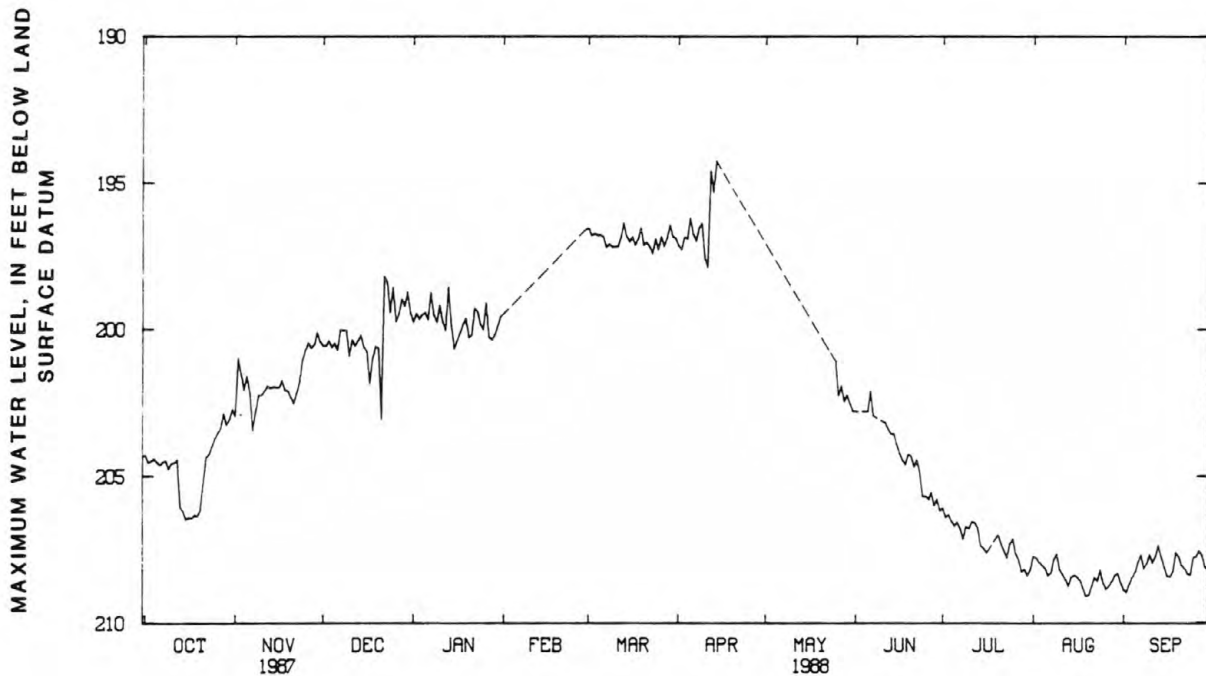
PERIOD OF RECORD.--Miscellaneous water-level measurement October 1945; September 1982 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	204.54	201.62	200.49	199.44	---	196.78	196.21	---	202.81	206.70	208.15	208.30
10	204.58	202.24	200.91	199.19	---	197.18	197.60	---	---	206.79	208.20	207.69
15	206.49	201.99	200.61	200.67	---	197.01	---	---	203.91	207.47	208.38	208.10
20	206.17	202.33	200.66	200.28	---	197.12	---	---	204.34	207.01	209.07	207.75
25	203.72	200.70	198.58	200.01	---	197.28	---	201.09	205.69	207.15	208.65	207.79
EOM	202.73	200.42	199.46	199.58	196.59	196.91	---	202.79	206.18	208.21	208.62	208.20

WTR YR 1988 MEAN 203.02 HIGH 194.25 APR 14 LOW 209.09 AUG 19



GROUND-WATER LEVELS

223

JONES COUNTY--Continued

313928089103001. Local number, F020.

LOCATION.--Lat 31°39'28", long 89°10'30", in NE1SE4 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.

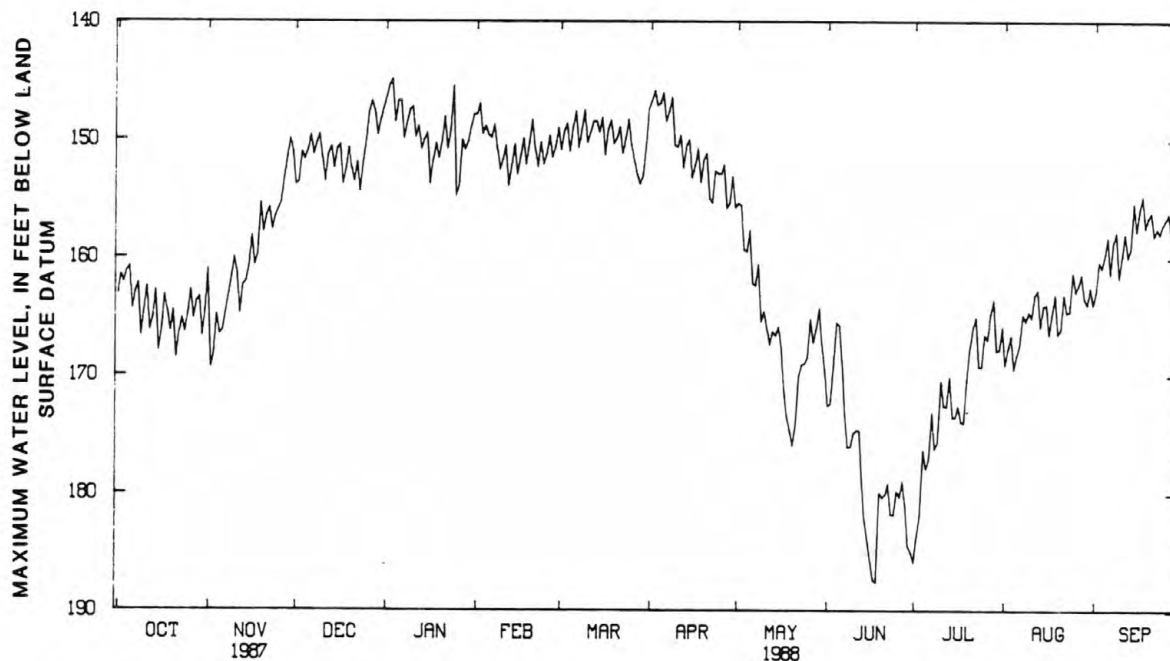
REMARKS.--Water levels affected by nearby pumping.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	160.82	166.51	150.88	146.70	149.58	148.83	145.98	157.62	165.64	177.78	168.17	158.18
10	164.48	160.02	151.61	147.19	151.66	150.15	150.54	164.47	174.78	170.36	164.90	159.86
15	167.99	160.79	150.75	149.42	152.88	148.03	153.15	165.78	183.90	173.42	163.82	157.57
20	164.52	157.80	152.40	150.16	148.27	149.81	151.08	175.82	180.21	167.43	165.96	156.04
25	164.73	155.89	150.01	154.71	151.19	150.33	152.82	168.37	179.73	166.43	162.73	156.63
EOM	164.54	150.96	147.25	147.86	148.96	147.33	155.67	169.40	184.91	165.79	163.84	154.21
WTR YR 1988 MEAN	159.53		HIGH	144.87	JAN 3	LOW	187.44	JUN 18				



GROUND-WATER LEVELS

LAFAYETTE COUNTY

342550089312801. Local number, 8004.

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 Tallanatta 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).

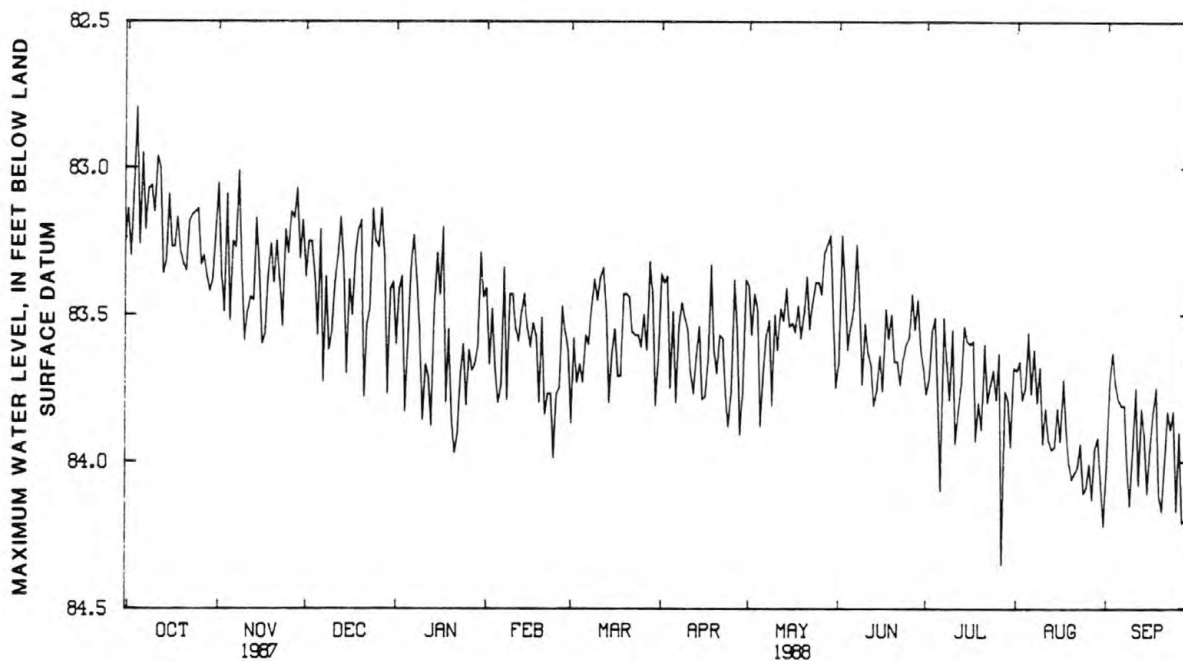
Measuring point: Top of concrete base, 1.80 ft above land-surface datum.

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, 84.35 ft below land-surface datum, July 27, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	83.26	83.52	83.57	83.60	83.80	83.73	83.49	83.88	83.54	83.80	83.56	83.79
10	83.15	83.59	83.56	83.86	83.43	83.45	83.55	83.50	83.53	83.55	83.94	83.96
15	83.09	83.35	83.70	83.29	83.55	83.63	83.79	83.54	83.64	83.59	83.82	84.11
20	83.33	83.39	83.18	83.86	83.51	83.43	83.70	83.50	83.66	83.89	84.06	84.17
25	83.14	83.29	83.25	83.81	83.77	83.61	83.77	83.39	83.58	83.79	84.09	84.17
EOM	83.22	83.18	83.39	83.44	83.62	83.64	83.38	83.75	83.68	83.68	84.22	84.03
WTR YR 1988 MEAN	83.58		HIGH	82.79	OCT 4	LOW	84.35	JUL 27				



GROUND-WATER LEVELS

225

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.

INSTRUMENTATION.--Water-level recorder--60-minute punch.

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.

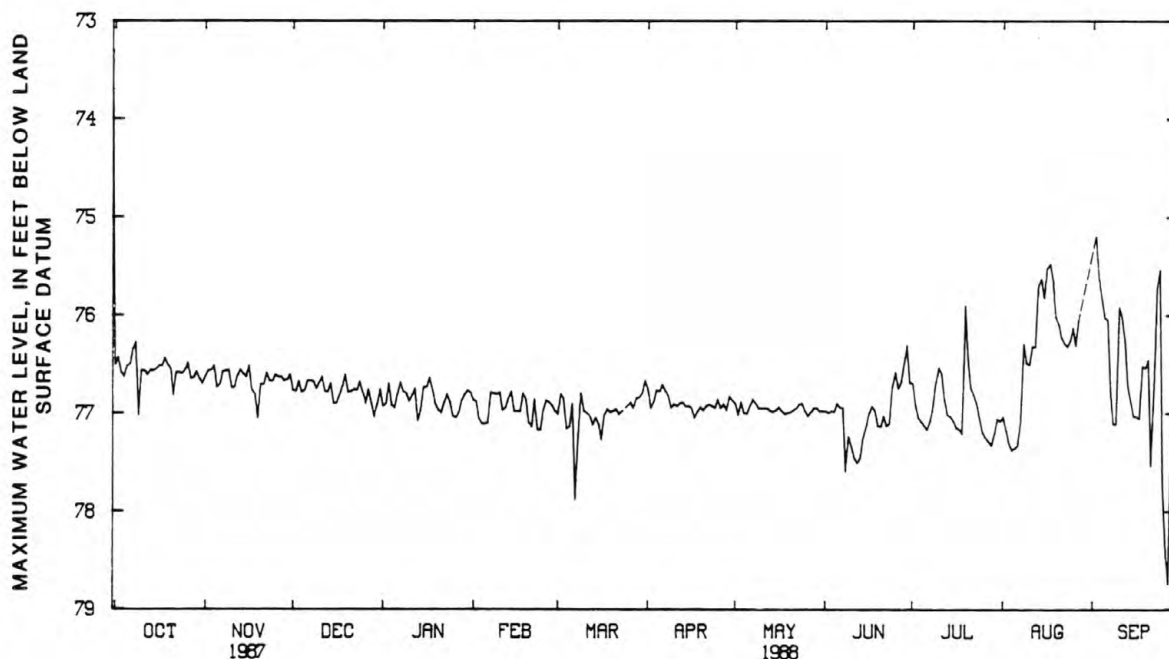
PERIOD OF RECORD.--Miscellaneous water-level measurement 1962; October 1976 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	76.52	76.74	76.77	76.95	77.11	77.14	76.78	77.01	76.90	77.13	77.36	76.03
10	76.57	76.74	76.69	76.88	76.79	76.98	76.91	76.95	77.34	76.54	76.51	75.92
15	76.55	76.63	76.90	76.74	76.98	77.11	76.93	76.97	77.14	77.08	75.82	77.03
20	76.55	76.71	76.79	76.97	77.10	76.98	76.97	76.99	77.14	76.46	76.09	76.46
25	76.56	76.61	76.79	77.03	76.97	---	76.86	76.98	76.59	77.20	76.13	77.69
EOM	76.70	76.61	76.76	76.79	76.98	76.67	76.87	76.98	76.69	77.08	---	78.09

WTR YR 1988 LOW 78.74 SEP 27



GROUND-WATER LEVELS

LAMAR COUNTY

310935089252001. Local number, LU63.

LOCATION.--Lat 31°09'35", long 89°25'20", in SE¼SE¼ sec.5, T.2 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, 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.

INSTRUMENTATION.--Water-level recorder--60-minute punch.

DATUM.--Land-surface datum is about 370 ft. above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 2.30 ft above land-surface datum.

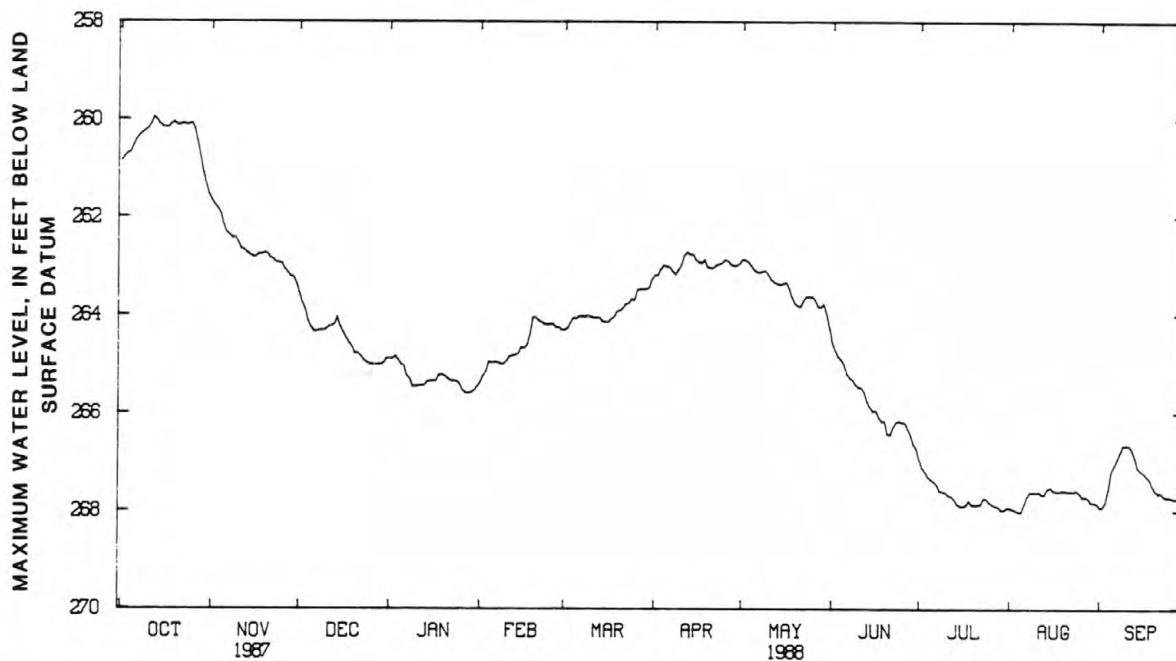
PERIOD OF RECORD.--Periodic water-level measurements 1968; September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 220 ft below land-surface datum, 1968; lowest measured, 268.03 ft below land-surface datum, Aug. 5, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	260.54	262.16	264.26	265.02	264.98	264.08	263.00	263.07	265.02	267.36	268.03	267.19
10	260.19	262.52	264.30	265.47	264.95	264.04	262.98	263.18	265.48	267.62	267.62	266.65
15	260.15	262.82	264.24	265.36	264.67	264.15	262.87	263.36	265.96	267.90	267.51	267.17
20	260.11	262.75	264.79	265.26	264.05	263.91	263.04	263.82	266.43	267.87	267.59	267.58
25	260.08	262.96	265.01	265.42	264.19	263.70	262.87	263.63	266.19	267.82	267.63	267.72
EOM	261.54	263.36	264.90	265.48	264.31	263.27	262.95	264.25	266.73	267.94	267.85	267.64

WTR YR 1988 MEAN 264.70 HIGH 259.96 OCT 12 LOW 268.03 AUG 5



GROUND-WATER LEVELS

227

LEE COUNTY

341527088432401. Local number, G013.

LOCATION.--Lat 34°15'27", long 88°15'18", in SE¼NE¼ sec.36, T.9 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 1 mi west of center of Tupelo along State Highway 6.

Owner: City of Tupelo.

AQUIFER.--Sand of McShan Member of Eutaw Formation of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 543 ft.

INSTRUMENTATION.--Water-level recorder--60-minute punch.

DATUM.--Land-surface datum is 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

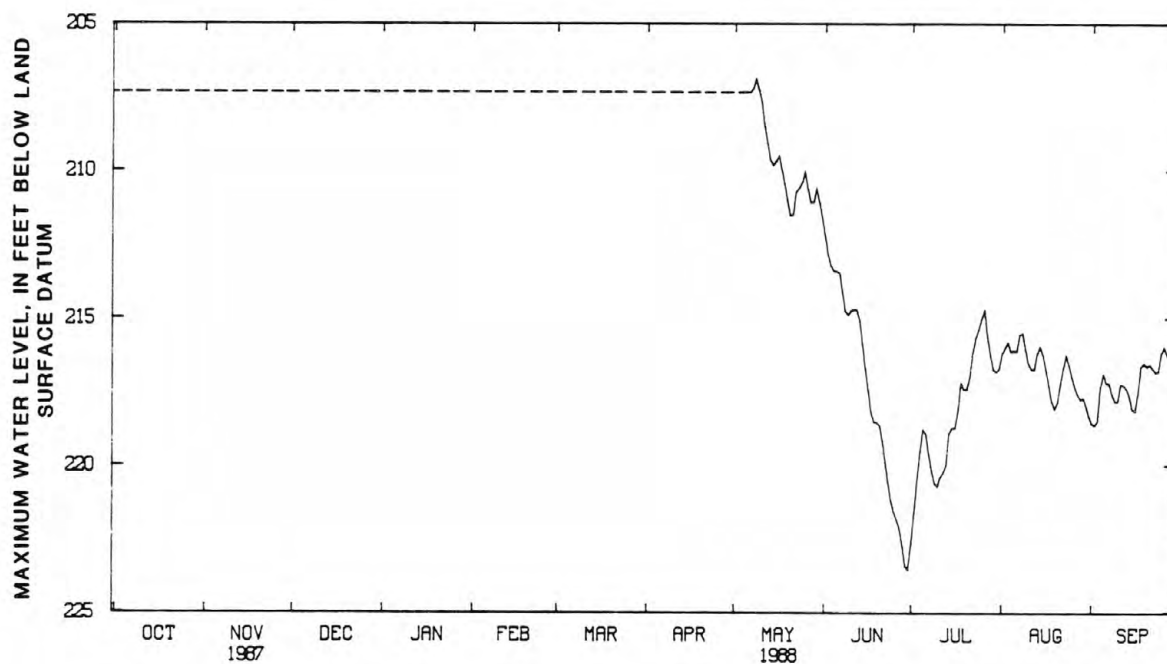
Measuring point: Top of recorder house floor at land-surface datum.

PERIOD OF RECORD.--Miscellaneous water-level measurements 1949; May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level reported, 100 ft below land-surface datum, Dec. 8, 1949; lowest measured, 223.55 ft below land-surface datum, June 30, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5								---	213.42	218.79	216.11	216.89
10								207.64	214.75	220.72	216.54	217.83
15								209.69	216.71	218.73	216.23	218.09
20								211.52	218.66	217.42	217.88	216.63
25								210.04	221.60	215.01	217.00	216.19
EOM								211.60	223.55	216.72	218.32	216.47
WTR YR 1988	MEAN	216.08		HIGH	206.87	MAY 8		LOW	223.55	JUN 30		



GROUND-WATER LEVELS

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 U8030207, 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 136 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.

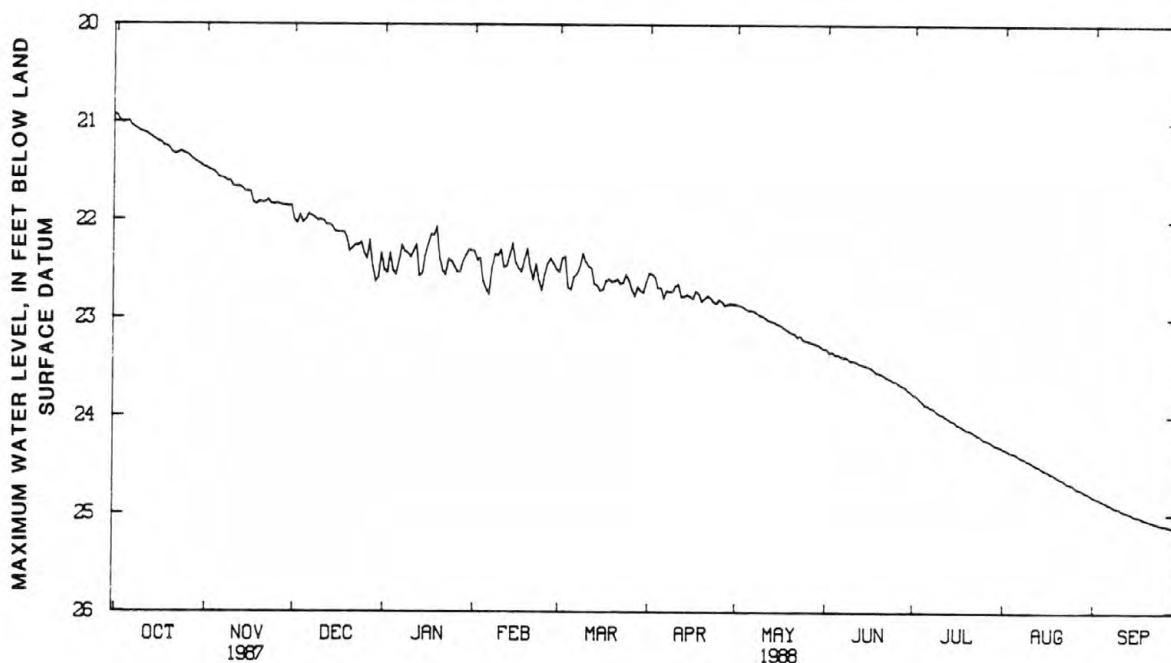
PERIOD OF RECORD.--Periodic water-level measurements September 1982 to March 1983; April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.11 ft below land-surface datum, Mar. 29, 1984; lowest water level measured 25.15 ft below land-surface datum, Sept. 30, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.99	21.56	22.00	22.56	22.71	22.71	22.69	22.92	23.37	23.88	24.38	24.87
10	21.11	21.65	22.00	22.38	22.30	22.42	22.67	22.98	23.43	23.97	24.46	24.94
15	21.20	21.71	22.12	22.36	22.43	22.72	22.78	23.06	23.49	24.05	24.55	25.01
20	21.31	21.82	22.32	22.40	22.49	22.62	22.80	23.15	23.57	24.14	24.63	25.06
25	21.33	21.83	22.34	22.47	22.55	22.61	22.81	23.23	23.65	24.23	24.70	25.11
EOM	21.46	21.85	22.34	22.31	22.50	22.63	22.86	23.31	23.75	24.31	24.80	25.15

WTR YR 1988 MEAN 22.96 HIGH 20.94 OCT 1 LOW 25.15 SEP 30



GROUND-WATER LEVELS

229

LOWNDES COUNTY

333805088291002. Local number A034. (USCE TTM38)

LOCATION.--Lat 33°38'05", long 88°29'10", in NW1/4 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.

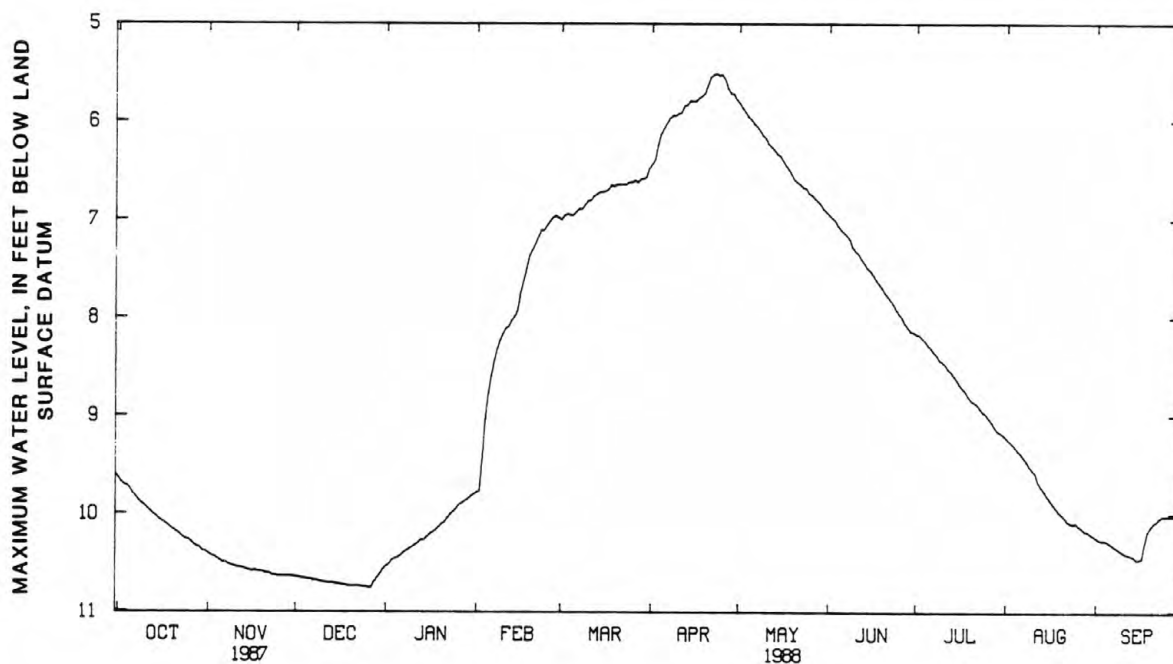
PERIOD OF RECORD.--June 1975 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.75	10.48	10.67	10.45	8.78	6.95	6.07	5.98	7.10	8.28	9.35	10.28
10	9.92	10.54	10.70	10.34	8.17	6.81	5.92	6.17	7.32	8.45	9.55	10.38
15	10.06	10.58	10.72	10.24	7.93	6.72	5.79	6.35	7.52	8.63	9.81	10.46
20	10.17	10.60	10.74	10.11	7.31	6.64	5.63	6.59	7.74	8.84	10.00	10.13
25	10.27	10.64	10.75	9.95	7.06	6.62	5.52	6.73	7.96	8.98	10.09	10.02
EOM	10.39	10.64	10.57	9.80	6.98	6.48	5.77	6.92	8.15	9.19	10.22	10.03

WTR YR 1988 MEAN 8.73 HIGH 5.51 APR 23 LOW 10.76 DEC 26 AND OTHERS



GROUND-WATER LEVELS

MONROE COUNTY

334958088323601. Local number, L075. (USCE AB11)

LOCATION.--Lat 33°49'58" long 88°32'36", in SE1SE1 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.

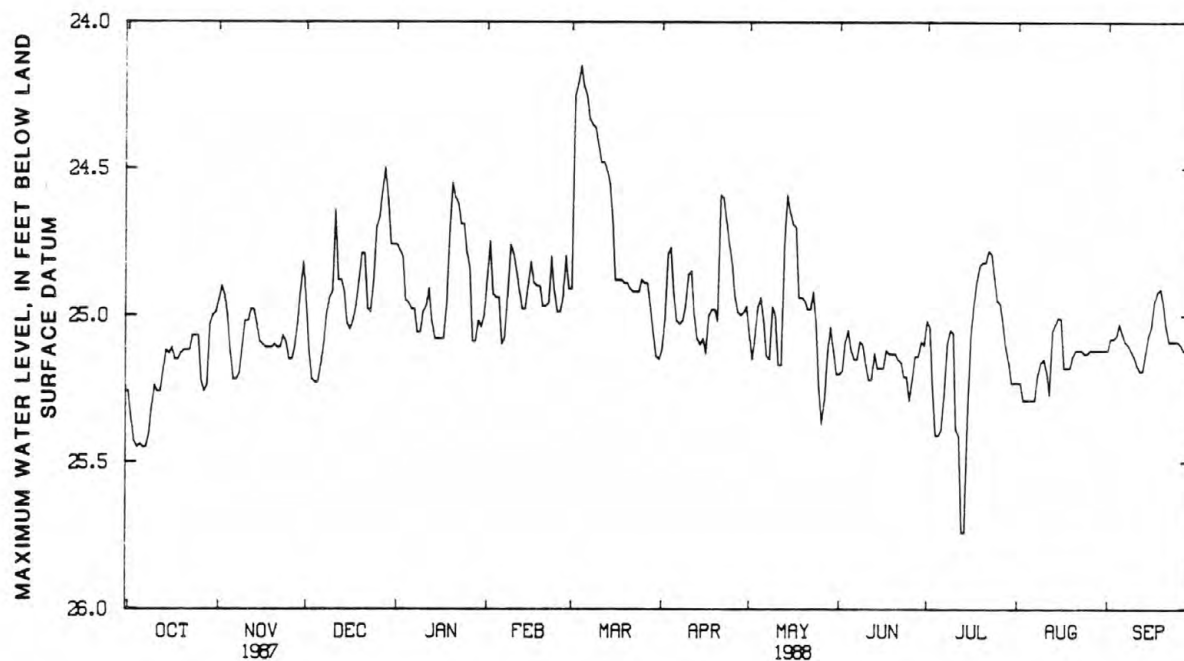
REMARKS.--Water levels affected by nearby pumping.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.44	25.13	25.23	24.96	24.94	24.22	24.93	24.94	25.12	25.41	25.29	25.03
10	25.24	25.02	24.92	24.99	24.79	24.42	24.86	25.00	25.17	25.06	25.15	25.14
15	25.13	25.09	25.03	25.08	24.90	24.67	25.08	24.65	25.18	25.35	25.01	25.07
20	25.12	25.10	24.79	24.55	24.97	24.89	25.02	24.95	25.13	24.82	25.14	24.96
25	25.07	25.15	24.70	24.79	24.99	24.88	24.83	25.25	25.29	24.95	25.13	25.09
EOM	24.99	24.82	24.76	25.00	24.91	25.15	24.97	25.20	25.10	25.23	25.12	25.11
WTR YR 1988 MEAN	25.01		HIGH	24.15	MAR 4	LOW	25.74	JUL 13	AND OTHERS			



GROUND-WATER LEVELS

231

PANOLA COUNTY

342332090060001. Local number, KUI2.

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.

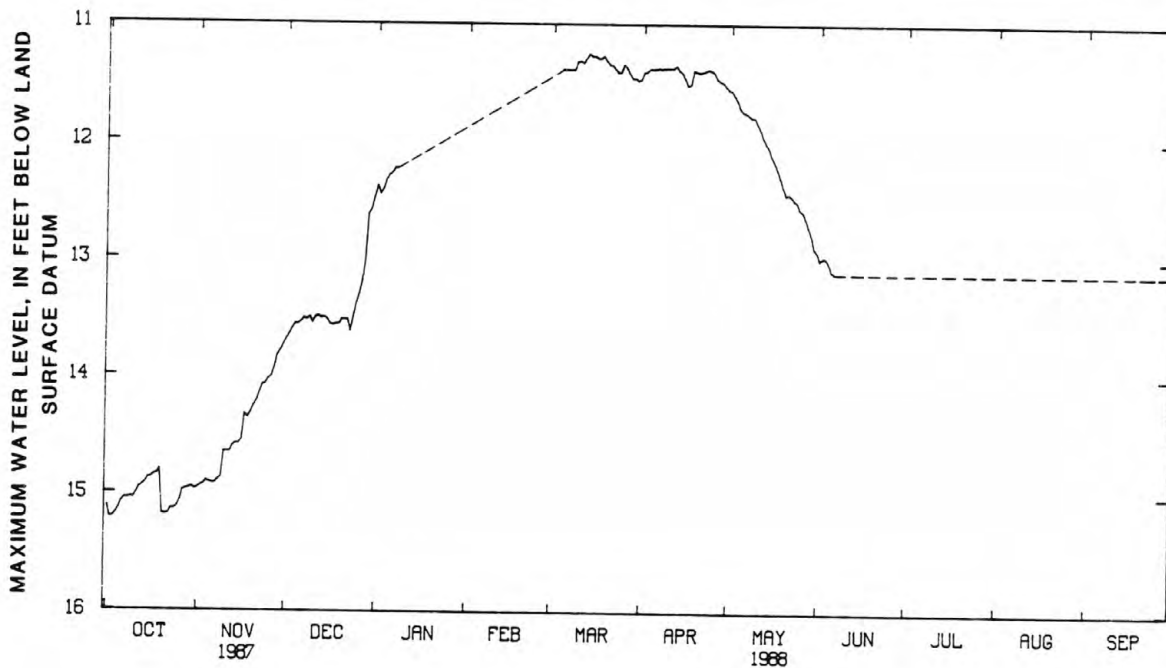
REMARKS.--Water level affected by seasonal pumping.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.14	14.91	13.56	12.29		11.39	11.38	11.74	13.09			
10	15.05	14.65	13.55	---		11.31	11.37	11.84	---			
15	14.88	14.58	13.52	---		11.27	11.46	12.12	---			
20	15.18	14.26	13.52	---		11.34	11.41	12.45	---			
25	15.12	14.03	13.38	---		11.34	11.41	12.57	---			
EOM	14.97	13.74	12.48	---		11.47	11.55	12.93	---			
WTR YR 1988 MEAN		12.98	HIGH	11.25	MAR 13	LOW	15.21	OCT 2	AND OTHERS			



GROUND-WATER LEVELS

PRENTISS COUNTY

344045088325501. Local number, F061.

LOCATION.--Lat 34°40'45", long 88°32'55", in SW1/4 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.

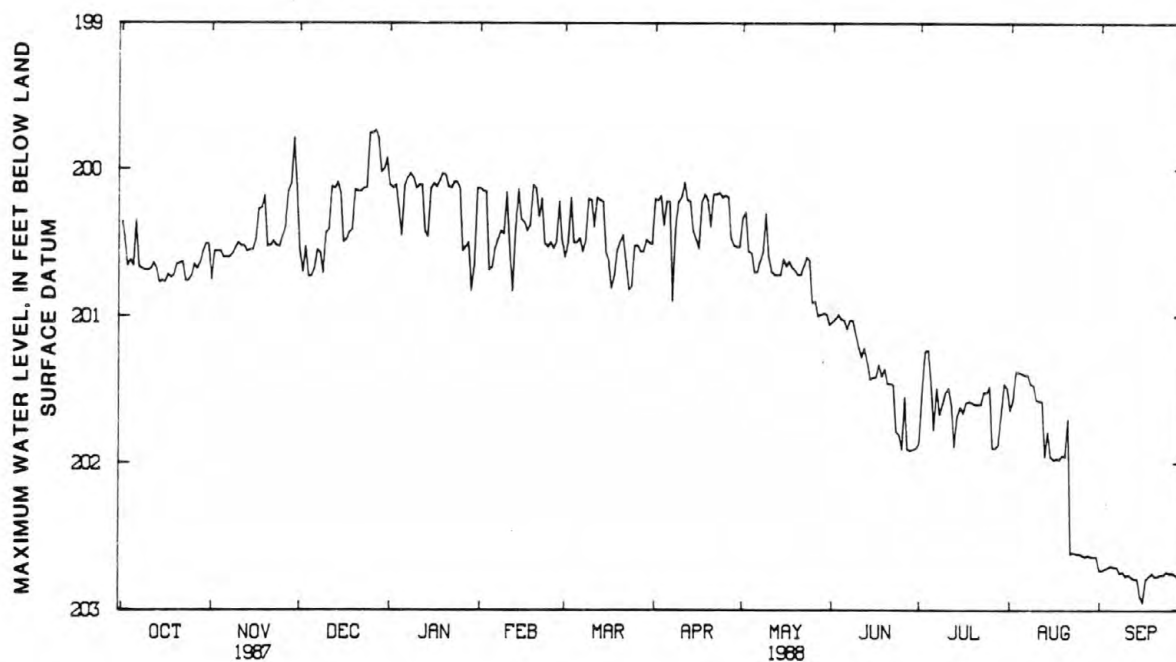
PERIOD OF RECORD.--October 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 193.69 ft below land-surface datum, Jan. 28, 1985; lowest, 202.95 ft below land-surface datum, Sept. 16, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	200.66	200.60	200.73	200.45	200.67	200.50	200.22	200.70	201.03	201.44	201.39	202.70
10	200.69	200.50	200.43	200.13	200.16	200.21	200.19	200.60	201.21	201.52	201.57	202.77
15	200.76	200.55	200.16	200.13	200.34	200.57	200.48	200.61	201.42	201.62	201.96	202.91
20	200.65	200.53	200.14	200.04	200.13	200.49	200.39	200.72	201.46	201.60	201.96	202.77
25	200.73	200.46	199.75	200.13	200.50	200.52	200.18	200.91	201.91	201.48	202.62	202.75
EOM	200.51	200.13	199.92	200.13	200.49	200.51	200.53	201.06	201.90	201.49	202.64	202.76

WTR YR 1988 MEAN 200.93 HIGH 199.73 DEC 27 LOW 202.95 SEP 16



GROUND-WATER LEVELS

233

SUNFLOWER COUNTY

332826090441601. Local number, M038.

LOCATION.--Lat 33°28'26", long 90°44'16", NE1/4 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 123 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

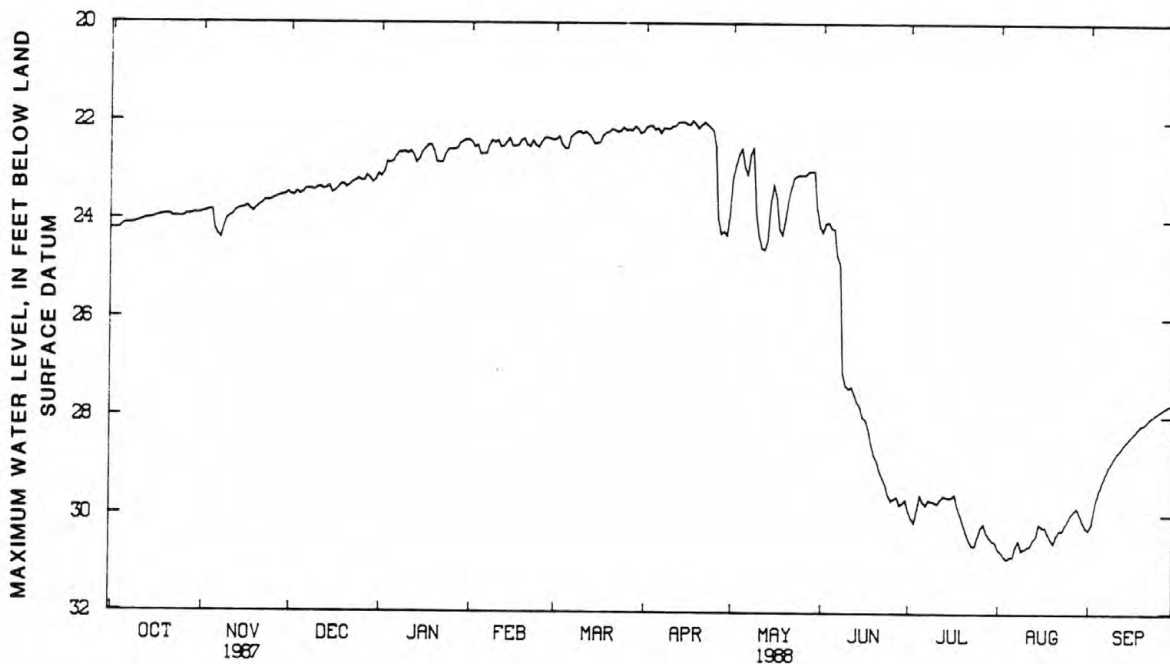
Measuring point: Top of recorder house, 0.50 ft above land-surface datum.

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, 30.90 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.11	24.22	23.47	22.83	22.67	22.56	22.14	22.93	24.19	29.59	30.85	29.46
10	24.06	23.96	23.37	22.67	22.40	22.26	22.10	24.34	27.44	29.74	30.68	28.82
15	23.98	23.78	23.47	22.64	22.51	22.46	22.05	23.28	28.02	29.65	30.17	28.43
20	23.92	23.74	23.36	22.84	22.49	22.16	22.07	23.61	28.91	30.18	30.57	28.14
25	23.97	23.59	23.22	22.58	22.43	22.18	22.51	23.09	29.71	30.43	30.08	27.90
EOM	23.89	23.46	23.08	22.39	22.39	22.22	23.89	24.15	29.69	30.55	30.24	27.72
WTR YR 1988	MEAN	25.10	HIGH	21.98	APR 17	LOW	30.90	AUG 4				



GROUND-WATER LEVELS

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).

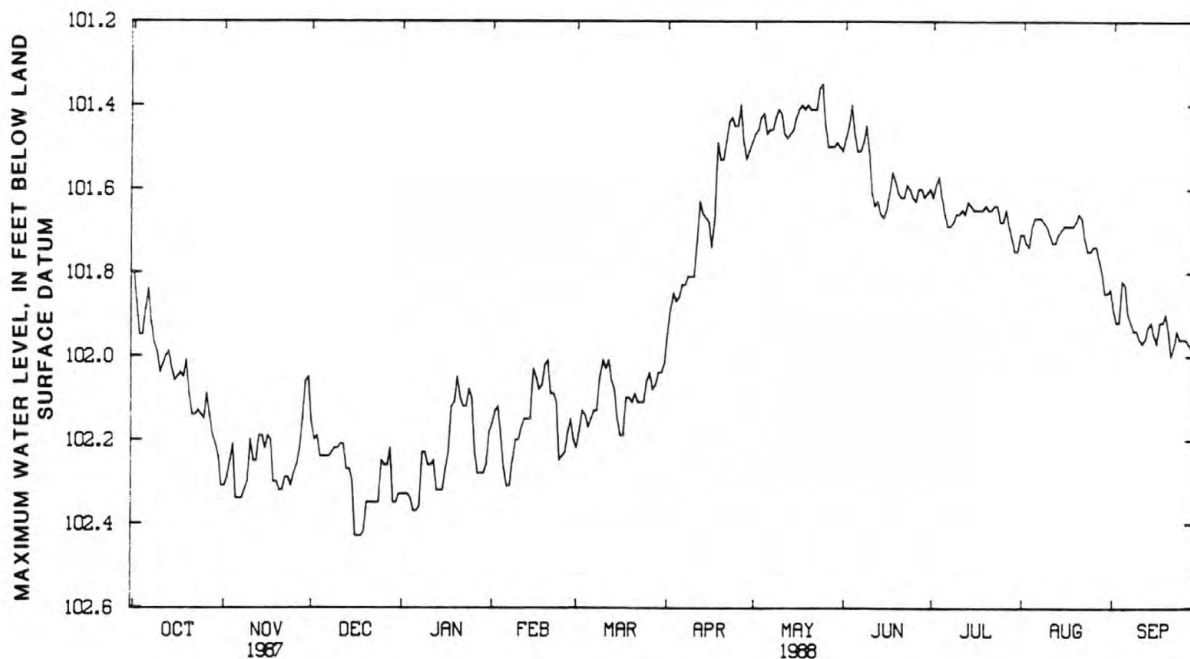
Measuring point: Top of recorder house floor, 1.0 ft above land-surface datum.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	101.89	102.34	102.24	102.37	102.27	102.17	101.86	101.47	101.51	101.66	101.67	101.83
10	102.04	102.20	102.22	102.26	102.20	102.01	101.81	101.42	101.61	101.66	101.71	101.96
15	102.06	102.22	102.30	102.32	102.03	102.15	101.68	101.43	101.65	101.65	101.69	101.95
20	102.09	102.32	102.35	102.05	102.01	102.11	101.53	101.41	101.62	101.65	101.66	101.94
25	102.15	102.28	102.25	102.10	102.24	102.06	101.45	101.45	101.63	101.68	101.74	101.96
EOM	102.31	102.05	102.33	102.18	102.20	102.02	101.49	101.51	101.60	101.71	101.84	101.99
WTR YR 1988 MEAN	101.92		HIGH	101.35 MAY 24		LOW	102.43 DEC 16 AND OTHERS					



GROUND-WATER LEVELS

235

TISHOMINGO COUNTY--Continued

344053088161203. Local number, J014. (USCE 348)

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).

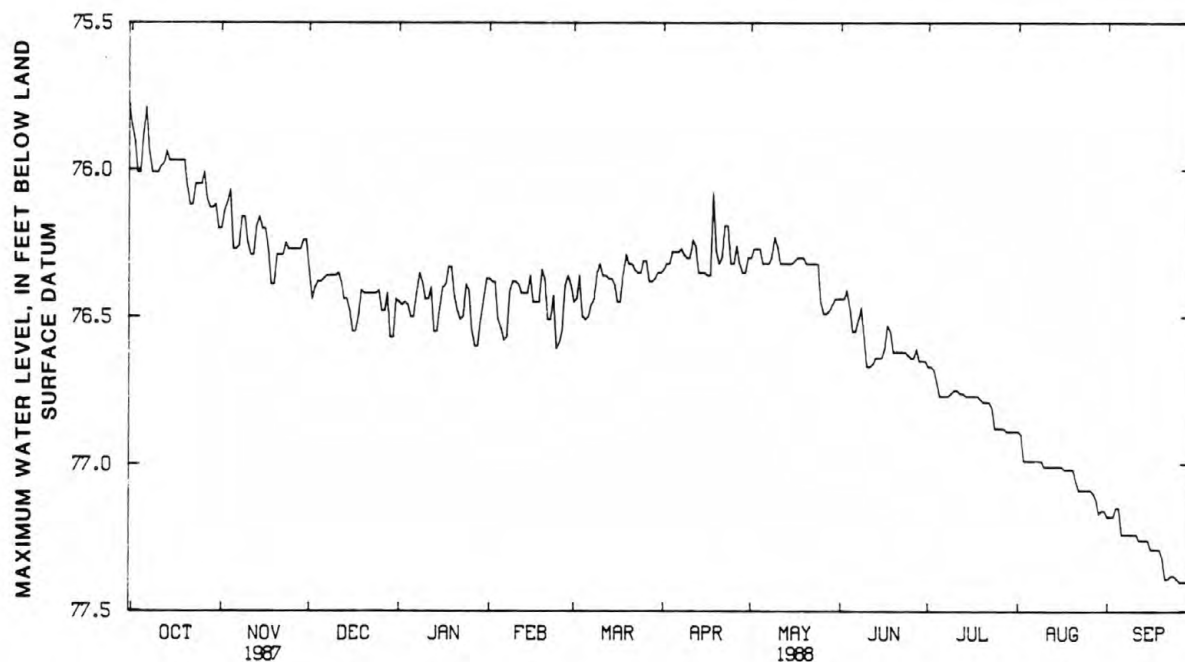
Measuring point: Top of casing, 1.65 ft above land-surface datum.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	75.88	76.27	76.38	76.50	76.54	76.51	76.28	76.32	76.55	76.77	76.99	77.15
10	76.01	76.25	76.36	76.44	76.38	76.32	76.30	76.26	76.67	76.75	77.01	77.24
15	75.97	76.20	76.48	76.47	76.36	76.39	76.35	76.32	76.64	76.77	77.01	77.26
20	76.06	76.29	76.42	76.43	76.37	76.32	76.32	76.32	76.62	76.79	77.02	77.32
25	76.05	76.27	76.41	76.41	76.59	76.31	76.32	76.45	76.64	76.88	77.09	77.39
EOM	76.20	76.24	76.44	76.37	76.39	76.35	76.30	76.44	76.65	76.89	77.16	77.40
WTR YR 1988	MEAN	76.52	HIGH	75.79	OCT 6	LOW	77.40	SEP 26	AND OTHERS			



GROUND-WATER LEVELS

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.

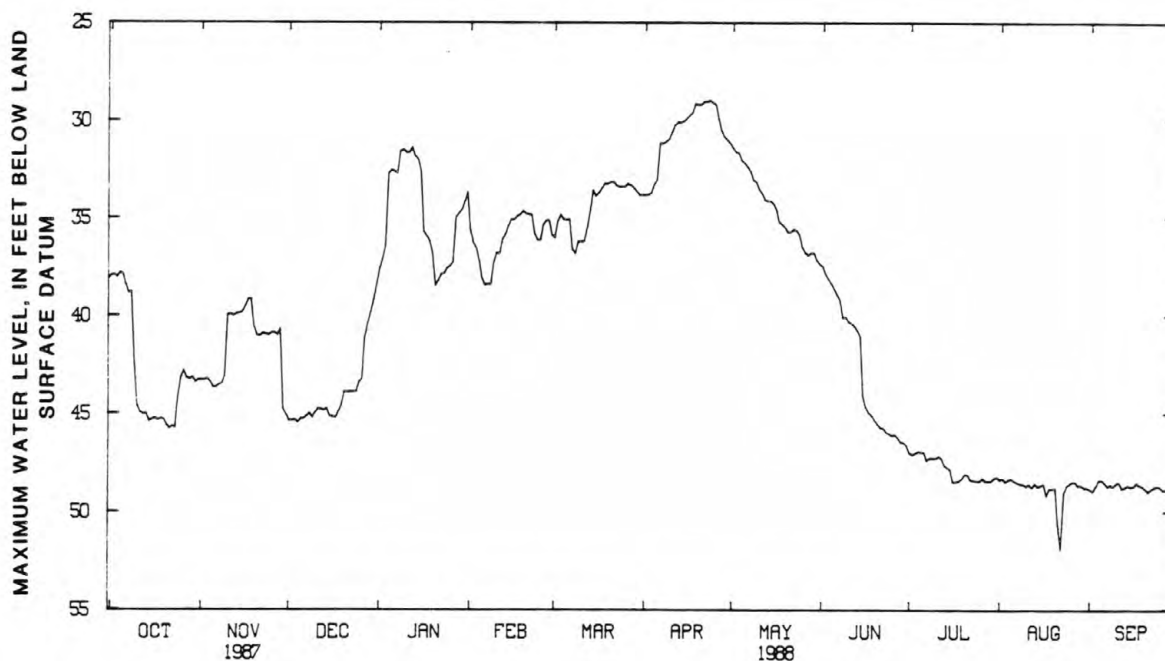
PERIOD OF RECORD.--October 1965 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	37.89	43.67	45.29	32.56	38.11	35.11	33.06	32.18	38.62	46.97	48.30	48.35
10	44.63	39.95	44.97	31.62	36.79	36.19	30.61	33.55	40.30	47.29	48.69	48.54
15	45.32	39.80	45.14	32.61	35.09	33.89	29.90	34.27	44.13	47.84	48.64	48.72
20	45.60	41.01	43.90	38.47	34.77	33.16	29.17	35.71	45.53	48.09	48.77	48.81
25	43.16	40.89	43.42	37.47	36.15	33.43	29.20	36.48	46.12	48.45	48.55	48.72
EOM	43.29	45.06	38.40	33.71	35.87	33.84	31.15	37.36	46.62	48.22	48.75	48.87

WTR YR 1988 MEAN 40.59 HIGH 28.97 APR 23 LOW 51.92 AUG 22



GROUND-WATER LEVELS

237

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.

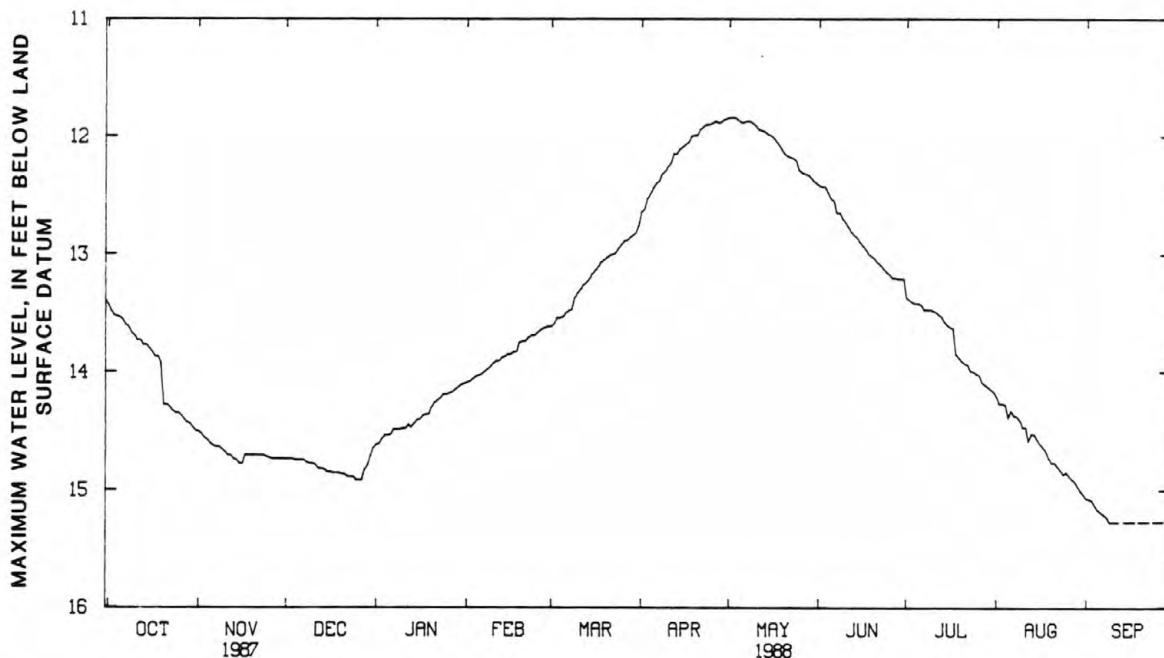
PERIOD OF RECORD.--May 1983 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.54	14.61	14.75	14.54	14.03	13.53	12.44	11.88	12.53	13.42	14.39	15.17
10	13.69	14.68	14.78	14.48	13.93	13.33	12.26	11.91	12.73	13.48	14.47	---
15	13.80	14.78	14.85	14.41	13.85	13.17	12.09	11.99	12.90	13.60	14.57	---
20	14.28	14.71	14.87	14.30	13.74	13.03	11.99	12.15	13.04	13.91	14.77	---
25	14.35	14.73	14.92	14.19	13.67	12.92	11.89	12.29	13.17	14.02	14.85	---
EOM	14.50	14.74	14.65	14.10	13.61	12.76	11.85	12.40	13.21	14.17	15.04	---

WTR YR 1988 MEAN 13.70 HIGH 11.84 MAY 1 AND OTHERS LOW 15.27 SEP 9



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.

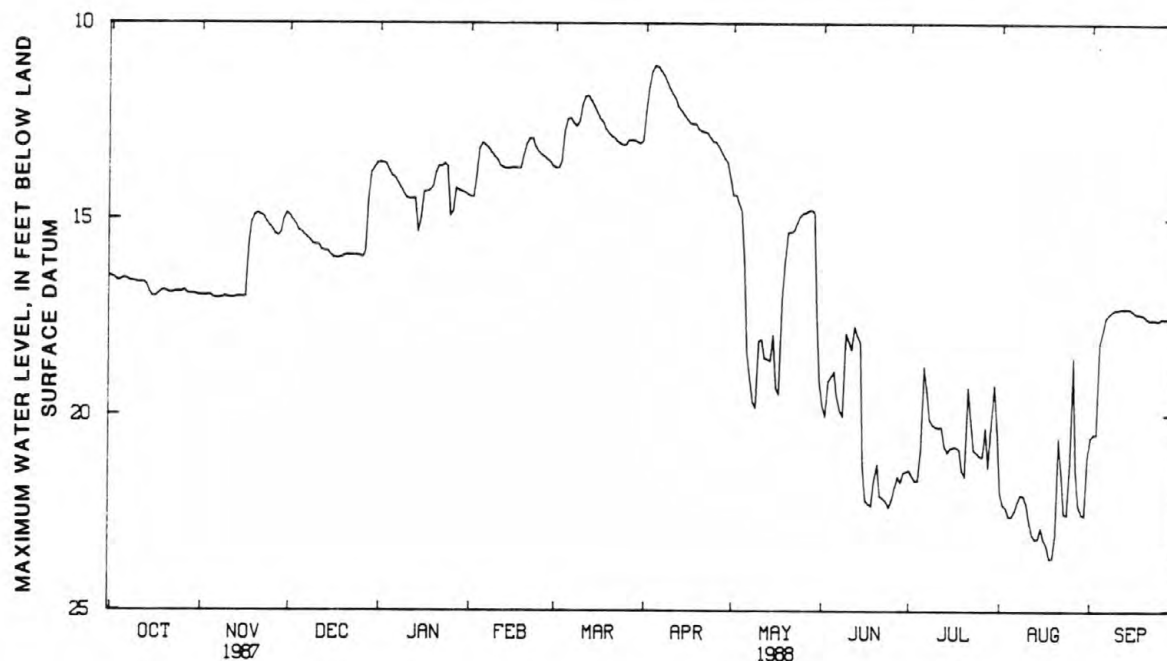
REMARKS.--Water level affected by seasonal pumping.

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, 23.66 ft below land-surface datum, Aug. 18, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.54	17.03	15.34	13.89	13.05	12.45	11.11	16.16	18.90	20.92	22.58	17.86
10	16.65	17.03	15.67	14.47	13.48	12.09	11.80	18.11	18.11	20.31	22.25	17.30
15	17.00	17.02	15.93	14.99	13.69	12.27	12.44	17.97	21.29	20.85	22.88	17.32
20	16.88	14.87	15.94	13.82	13.08	12.88	12.75	15.34	21.26	21.57	23.07	17.52
25	16.89	15.27	15.95	14.94	13.35	13.11	13.04	14.86	22.17	21.05	21.25	17.53
EOM	16.98	14.86	13.57	14.40	13.64	13.01	13.94	19.24	21.44	20.34	21.06	17.60
WTR YR 1988 MEAN	16.61		HIGH	11.09	APR 4	LOW	23.66	AUG 18				



GROUND-WATER LEVELS

239

WEBSTER COUNTY

333021089202901. Local number, M028.

LOCATION.--Lat 33°30'21", long 89°20'29", in SE1SW1 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 artesian 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.

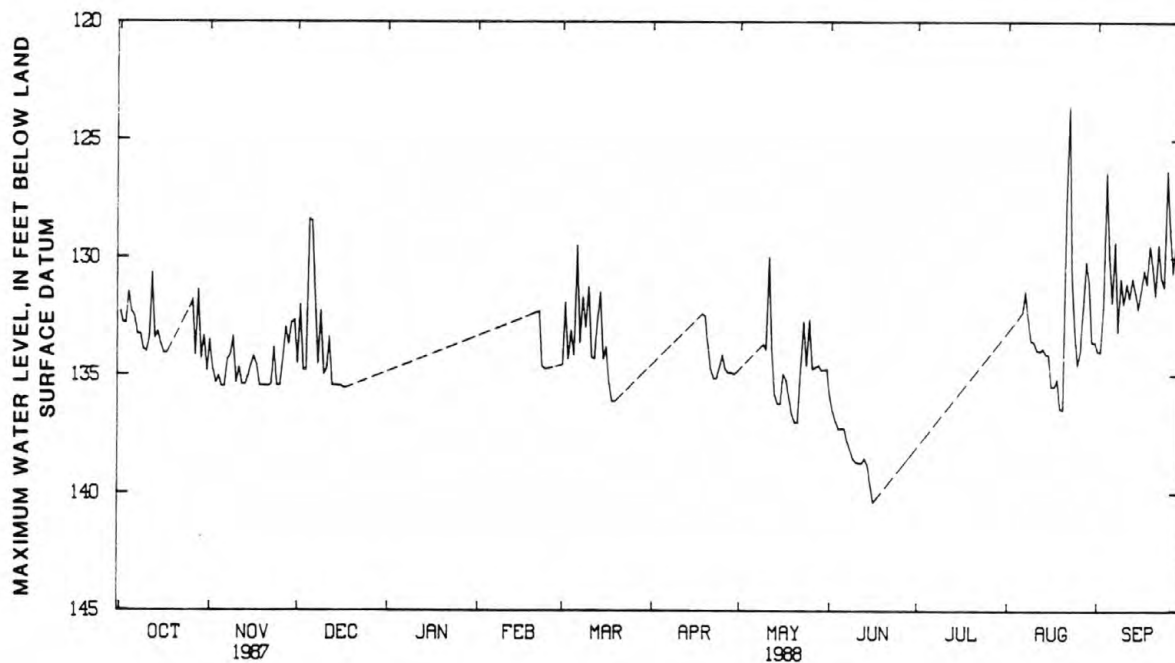
PERIOD OF RECORD.--April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 98.09 ft below land-surface datum, Apr. 29, 1985; lowest, 140.37 ft below land-surface datum, June 16, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	132.34	135.51	128.38		---	134.15	---	---	137.29		---	129.95
10	134.04	135.36	135.00		---	131.26	---	133.92	138.68		133.61	131.94
15	133.71	134.61	135.49			134.34	---	136.24	139.62		134.15	132.18
20	---	135.50	---		---	---	133.64	137.01	---		136.48	130.34
25	---	135.46	---		---	---	134.16	132.64	---		134.57	126.32
EOM	134.84	132.68	---		---	---	---	134.75	---		133.60	130.60

WTR YR 1988 MEAN 133.73 HIGH 123.61 AUG 22 LOW 140.37 JUN 16



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., Cnoctaw 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.

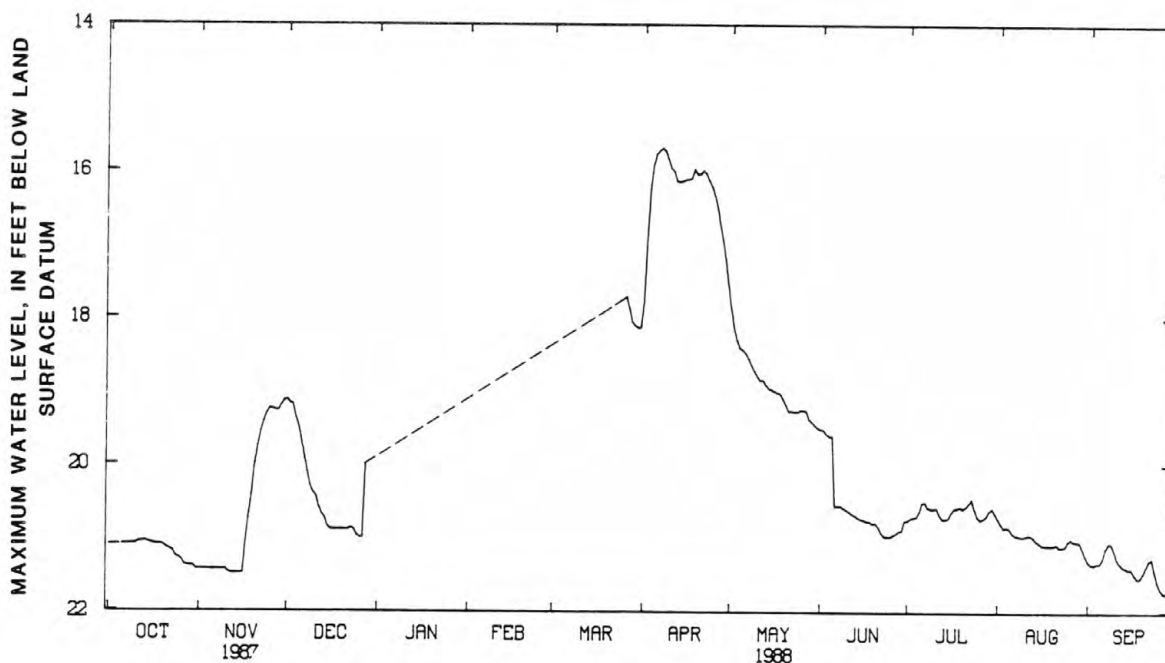
REMARKS.--Water levels affected by river stage.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	21.44	19.49			---	15.76	18.44	19.61	20.64	20.86	21.33
10	21.09	21.43	20.39			---	15.96	18.79	20.61	20.59	20.97	21.15
15	21.08	21.49	20.85			---	16.12	18.98	20.74	20.72	21.05	21.41
20	21.12	20.00	20.89			---	16.04	19.18	20.79	20.59	21.09	21.47
25	21.28	19.25	20.97			---	16.33	19.26	20.97	20.70	21.03	21.58
EOM	21.43	19.14	---			18.14	17.54	19.50	20.76	20.65	21.22	21.74
WTR YR 1988	MEAN	20.03	HIGH	15.68	APR 7	LOW	21.74	SEP 28	AND OTHERS			



GROUND-WATER LEVELS

241

YAZOO COUNTY--Continued

324615090375001. Local number, J013. (USCE L7Y2)

LOCATION.--Lat 32°46'15", long 90°37'50", in SE1NW4 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.

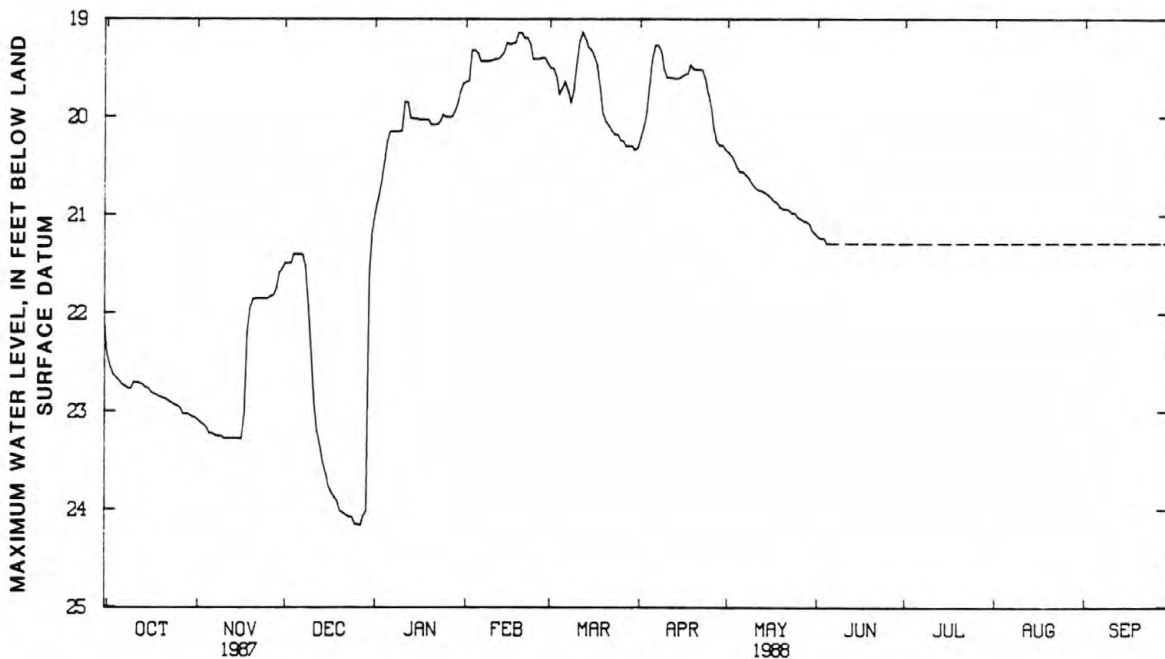
PERIOD OF RECORD.--November 1978 to current year.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.69	23.23	21.40	20.25	19.35	19.71	19.40	20.56	21.29			
10	22.71	23.28	22.40	20.14	19.42	19.46	19.60	20.71	---			
15	22.77	23.28	23.64	20.02	19.24	19.32	19.59	20.80	---			
20	22.87	21.86	24.02	20.08	19.14	20.05	19.52	20.94	---			
25	22.95	21.85	24.15	20.00	19.41	20.24	19.88	21.02	---			
EOM	23.07	21.55	21.16	19.66	19.45	20.32	20.33	21.19	---			

WTR YR 1988 MEAN 21.04 HIGH 19.13 MAR 12 LOW 24.17 DEC 27



GROUND-WATER LEVELS

YAZOO COUNTY--Continued

324419090351201. Local number, P018. (USCE L7Y3)

LOCATION.--Lat 32°44'19", long 90°35'12", in SW¼SW¼ sec.2, T.10 N., R.4 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, 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.

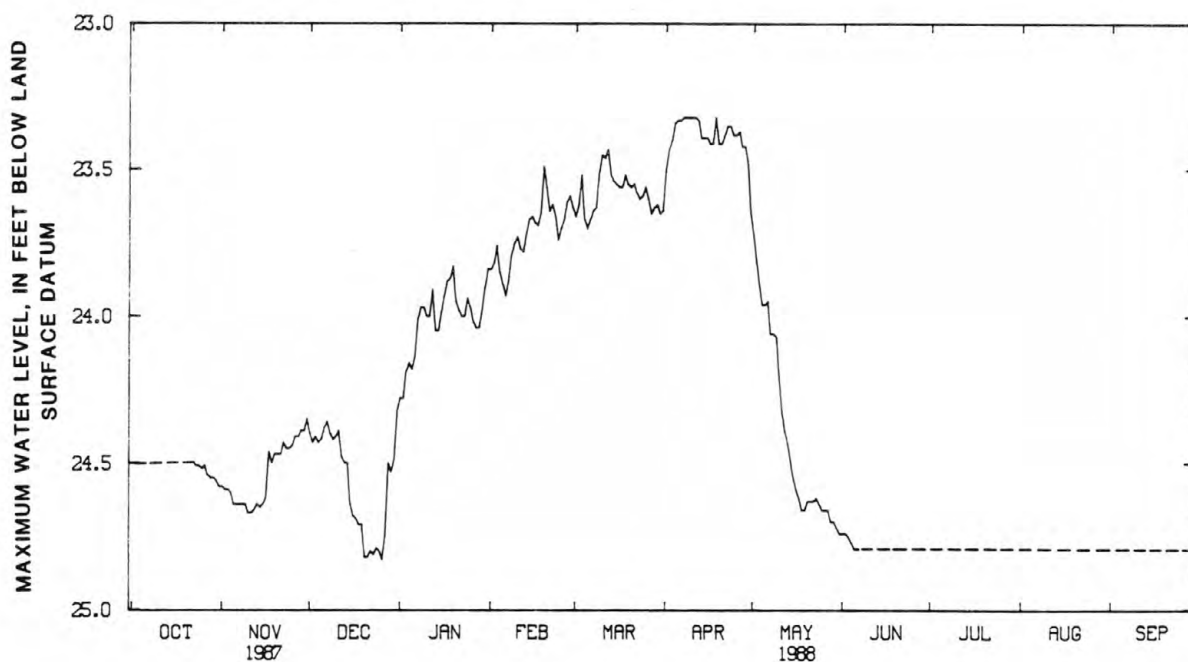
REMARKS.--Water level affected by Yazoo River stage.

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 1987 TO SEPTEMBER 1988
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	24.64	24.42	24.18	23.89	23.70	23.33	23.96	24.79			
10	---	24.67	24.41	24.00	23.73	23.45	23.32	24.20	---			
15	---	24.64	24.64	23.99	23.66	23.55	23.39	24.55	---			
20	---	24.47	24.82	23.95	23.56	23.56	23.41	24.63	---			
25	24.52	24.44	24.80	23.97	23.70	23.56	23.38	24.66	---			
EOM	24.58	24.35	24.32	23.84	23.63	23.64	23.65	24.74	---			
WTR YR 1988 MEAN		24.07	HIGH	23.32	APR 7 AND OTHERS	LOW	24.83	DEC 26				



GROUND-WATER LEVELS

243

ADAMS COUNTY

312730091200602. Local number, G007.

LOCATION.--Lat 31°27'30", long 91°20'06", in NE¼NW¼ Lot 41, T.6 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, 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 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 72.40 ft below land-surface datum, Nov. 7, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	63.61	MAY 4	63.32

312752091202201. Local number, G021.

LOCATION.--Lat 31°27'52", long 91°20'22", in NE¼NW¼ Lot 41, T.6 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, 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 223 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	168.28	MAY 4	164.18

ALCORN COUNTY

345545088311002. Local number, G003.

LOCATION.--Lat 34°55'45", long 88°31'10", in NW¼NW¼ sec.12, T.2 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, 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 432 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 13.02 ft below land-surface datum, Oct. 27, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	13.02	MAR 3	11.00

345604088321902. Local number, G101.

LOCATION.--Lat 34°56'04", long 88°32'19", in SW¼SW¼ sec.2, T.2 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, 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 480 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Hole 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, 150.30 ft below land-surface datum, Mar. 3, 1988; lowest measured, 199.00 ft below land-surface datum, Feb. 11, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	151.99	MAR 3	150.30

GROUND-WATER LEVELS
ALCORN COUNTY--Continued

344642088340501. Local number, K011.

LOCATION.--Lat 34°46'42", long 88°34'05", in NW¼NE¼ sec.33, T.3 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, 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 460 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.

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	127.57	MAR 2	127.67

344642088333001. Local number, K053.

LOCATION.--Lat 34°46'42", long 88°33'30", in SW¼NW¼ sec.34, T.3 S., R.7 W., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, 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 450 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 49.01 ft below land-surface datum, Oct. 27, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	49.01	MAR 2	46.50

ATTALA COUNTY

330713089365302. Local number, G013.

LOCATION.--Lat 33°07'13", long 89°36'53", in NW¼NE¼ sec.31, T.15 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, 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 361 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 2	12.39

330110089455001. Local number, K022.

LOCATION.--Lat 33°01'10", long 89°45'50", in SW¼SW¼ sec.35, T.14 N., R.5 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 0.95 ft above land-surface datum, Apr. 26, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	0.95

ATTALA COUNTY--Continued

330328089365901. Local number, M008.

LOCATION.--Lat 33°03'28", long 89°36'59", in NE¼ sec.20, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, 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 423 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Air vent in pump base, 1.70 ft above land-surface datum.

PERIOD OF RECORD.--January 1959, March 1962, October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 101.92 ft below land-surface datum, Jan. 29, 1959; lowest measured, 128.15 ft below land-surface datum, Apr. 7, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 2	124.50

330330089354501. Local number, M030.

LOCATION.--Lat 33°03'30", long 89°35'45", in SW¼NW¼ sec.21, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, 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 467 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 2	145.70

330241089270501. Local number, N013.

LOCATION.--Lat 33°02'41", long 89°27'05", in SE¼NW¼ sec.26, T.14 N., R.8 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, 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 510 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 2	23.22

325844089462701. Local number, Q014.

LOCATION.--Lat 32°58'44", long 89°46'27", in NE¼SW¼ sec.15, T.13 N., R.5 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, 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 290 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	4.13

GROUND-WATER LEVELS

ATTALA COUNTY--Continued

325902089333901. Local number, S021.

LOCATION.--Lat 32°59'02", long 89°33'39", in SE¼NE¼ sec.15, T.13 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, 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 488 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 172.35 ft below land-surface datum, May 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 2	172.35

BOLIVAR COUNTY

335630090461501. Local number, D031.

LOCATION.--Lat 33°56'30", long 90°46'15", in SW¼NE¼ sec.12, T.24 N., R.6 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 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 147 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 to SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	31.19

335558090465202. Local number, D032.

LOCATION.--Lat 33°55'58", long 90°46'52", in SE¼NE¼ sec.14, T.24 N., R.6 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 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 150 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	34.08

334957090564301. Local number, F020.

LOCATION.--Lat 33°49'57", long 90°56'43", in NE¼NW¼ sec.20, T.23 N., R.7 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 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 145 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 29.62 ft below land-surface datum, Oct. 7, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	29.62	MAR 22	27.10	JUN 7	28.22

GROUND-WATER LEVELS

247

BOLIVAR COUNTY--Continued

334700090584501. Local number, J008.

LOCATION.--Lat 33°47'00", long 90°58'45", in SW¼NE¼ sec.27, T.22 N., R.8 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 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 145 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	38.02

334217090475201. Local number, L050.

LOCATION.--Lat 33°42'17", long 90°47'52", in SE¼SE¼ sec.34, T.22 N., R.6 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, near center of Skene.

Owner: Town of Skene.

AQUIFER.--Sand of Tallahatta Formation of Middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in., depth 1470 ft.

DATUM.--Land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 1/2-in hole in well seal, 1.80 ft above land-surface datum.

PERIOD OF RECORD.--May 1939, September 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34 ft above land-surface datum, May 1939; lowest measured, 21.70 ft below land-surface datum, Mar. 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	16.60	MAR 22	21.70

334218090475701. Local number, L092.

LOCATION.--Lat 33°41'30", long 90°47'57", in SE¼SE¼ sec.34, T.22 N., R.6 E., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, near center of Skene.

Owner: Town of Skene.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 782 ft.

DATUM.--Land-surface datum is 130 ft above National geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 1/2-in hole in well seal, 0.60 ft above land-surface datum.

PERIOD OF RECORD.--February 1973, September 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24 ft below land-surface datum, Feb. 1973; lowest measured, 39.49 ft below land-surface datum, Oct. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	39.49	MAR 2	37.02

334106090590902. Local number, N002.

LOCATION.--Lat 33°41'06", long 90°59'09", in SE¼NW¼ sec.34, T.21 N., R.8 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 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 135 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 22	19.84	JUN 7	21.64

GROUND-WATER LEVELS
BOLIVAR COUNTY--Continued

333959090435001. Local number, Q150.
LOCATION.--Lat 33°39'59", long 90°43'50", in NE¼SE¼ sec.17, T.21 N., R.5 W., Choctaw Meridian, Bolivar County,
Hydrologic Unit 08030207, 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 (from topographic map).
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, 19.21 ft below land-surface datum, Oct. 19, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	19.21	MAR 22	19.08

333530090582401. Local number, R064.
LOCATION.--Lat 33°35'30", long 90°58'24", in SE¼SE¼ sec.12, T.20 N., R.8 W., Choctaw Meridian, Bolivar County,
Hydrologic Unit 08030209, 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 133 ft above National Geodetic Vertical Datum of 1929 (from topographic map).
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, 41.55 ft below land-surface datum, Mar. 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	41.55

CALHOUN COUNTY

335118089175901. Local number, K101.
LOCATION.--Lat 33°51'18", long 89°17'59", in NE¼SW¼ sec.13, T.23 N., R.9 E., Choctaw Meridian, Calhoun County,
Hydrologic Unit 08030205, 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 270 ft above National Geodetic Vertical Datum of 1929 (from topographic map).
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, 100.00 ft below land-surface datum, Oct. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	100.00	APR 18	95.71

CARROLL COUNTY

333116089550401. Local number, F001.
LOCATION.--Lat 33°31'16", Long 89°55'04", in SE¼SW¼ sec.7, T.19 N., R.4 E., Choctaw Meridian, Carroll County,
Hydrologic Unit 08030205, 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 230 ft above National Geodetic Vertical Datum of 1929 (from topographic map).
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.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	11.55	MAR 24	11.55

GROUND-WATER LEVELS

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CARROLL COUNTY--Continued

333057089552002. Local number, F019.

LOCATION.--Lat 33°30'57", long 89°55'20", in SE1SW1 sec.7, T.19 N., R.4 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, 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 225 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 13.34 ft below land-surface datum, Oct. 22, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	13.34	MAR 24	12.56

CHICKASAW COUNTY

340030088444801. Local number, D006.

LOCATION.--Lat 34°00'30", long 88°44'48", in NW1SE1 sec.26, T.12 S., R.5 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160101, 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 307 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	155.34	APR 18	152.28	MAY 11	161.00

335400088595001. Local number, F016.

LOCATION.--Lat 33°54'00", long 88°59'50", in SW1SW1 sec.33, T.13 S., R.3 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, 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 340 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 1931; lowest measured 172.54 ft below land-surface datum, Apr. 22, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 18	146.10

335400088594601. Local number, F018.

LOCATION.--Lat 33°54'00", long 88°59'46", in SW1SW1, sec.33, T.13 S., R.3 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, 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 340 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 64.40 ft below land-surface datum May 24, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 18	58.68

GROUND-WATER LEVELS

CHICKASAW COUNTY--Continued

335136089005301. Local number, K037.

LOCATION.--Lat 33°51'36", long 89°00'53", in SW¼SW¼ sec.17, T.14 S., R.3 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03180001, 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 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	63.72	APR 18	62.01

CHOCTAW COUNTY

331543089171801. Local number, J035.

LOCATION.--Lat 33°15'43", long 89°17'18", in NW¼SE¼ sec.8, T.16 N., R.10 E., Choctaw Meridian, Choctaw County, Hydrologic Unit 03180001, 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 485 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of 30-in concrete curb, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to April 1988 (discontinued).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	23.09	DEC 7	22.46	FEB 22	22.95	APR 18	21.32

CLAIBORNE COUNTY

315718090591501. Local number, L005.

LOCATION.--Lat 31°57'18", long 90°59'15", in Irregular Lot 4, T.11 N., R.2 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, 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 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 6	116.38	MAY 4	118.04

COAHOMA COUNTY

342400090322001. Local number, C111.

LOCATION.--Lat 34°24'00", long 90°32'20", in NW¼SW¼ sec.7, T.29 N., R.2 W., Choctaw Meridian, Coahoma County, Hydrologic Unit 08030204, 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, 12.94 ft below land-surface datum, Oct. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	12.94	MAR 22	12.80

GROUND-WATER LEVELS

251

COAHOMA COUNTY--Continued

341720090304301. Local number, F012.

LOCATION.--Lat 34°17'19", long 90°30'43", in NE¼NW¼ sec.21, T.28 N., R.3 W., Choctaw Meridian, Coahoma County, Hydrologic Unit 08030207, 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 168 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 15.98 ft below land-surface datum, Oct. 20, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	15.98	MAR 22	15.50

341311090371801. Local number J005.

LOCATION.--Lat 34°13'11", long 90°37'18", in SW¼NE¼SW¼ 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.

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.--April 1955, September 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23 ft below land-surface datum, April 1955; lowest measured, 29.16 ft below land-surface datum, Sept. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 22	26.49	JUN 7	27.65

341230090323101. Local number, K022.

LOCATION.--Lat 34°12'30", long 90°32'31", in SW¼NE¼ sec.18, T.27 N., R.3 W., Choctaw Meridian, Choctaw County, Hydrologic Unit 08030207, 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 170 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 27.40 ft below land-surface datum, Mar. 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	27.40

COPIAH COUNTY

315129090233901. Local number, P009.

LOCATION.--31°51'29", long 90°23'39", in NE¼NE¼ sec.10, T.10 N., R.8 E., Washington Meridian, Copian County, Hydrologic Unit 03180003, near center of Hazlehurst.

Owner: Town of Hazlehurst.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12-in, depth 333 ft.

DATUM.--Land-surface datum is 446 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 3/4-in hole in well seal at land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--August 1948, August 1971, May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 176 ft below land-surface datum, Aug. 1, 1948; lowest measured, 187 ft below land-surface datum, Aug. 12, 1971.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3	181.20	JUL 5	186.57

GROUND-WATER LEVELS

COPIAH COUNTY--Continued

315128090205202. Local number, P049.

LOCATION.--Lat 31°51'28", long 90°20'52", in NE¼NE¼ sec.12, T.10 N., R.8 E., Washington Meridian, Copiah County, Hydrologic Unit 03180003, 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 435 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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JUL 5	137.41
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COVINGTON COUNTY

314447089302201. Local number, C028.

LOCATION.--Lat 31°44'47", long 89°30'22", in NW¼SW¼ sec.15, T.9 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, 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 400 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 25	122.67
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313352089243202. Local number, L019.

LOCATION.--Lat 31°33'52", long 89°24'32", in NE¼NW¼ sec.21, T.7 N., R.14 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, 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 435 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 28	337.20
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DE SOTO COUNTY

345726089492901. Local number, D002.

LOCATION.--Lat 34°57'26" long 89°49'29", in SE¼NW¼ sec.34, T.1 S., R.6 W., Chickasaw Meridian, De Soto County, Hydrologic Unit 08030204, 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 400 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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MAR 23	143.05
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GROUND-WATER LEVELS

253

FORREST COUNTY

311834089170101. Local number, D008.

LOCATION.--Lat 31°18'34", long 89°17'01", in SE¼NE¼ sec.15, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, 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 140 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	87.80	APR 7	75.34

311958089195001. Local number, D108.

LOCATION.--Lat 31°19'58", long 89°07'31", in SE¼SE¼ sec.6, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, 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 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	85.76	APR 26	83.95

311137089110501. Local number, G116.

LOCATION.--Lat 31°11'37", long 89°11'05", in SW¼NE¼ sec.27, T.3 N., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, 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 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	145.73	APR 7	147.32

310135089093101. Local number, L079.

LOCATION.--Lat 31°01'35", long 89°09'31", in NW¼NW¼ sec.25, T.1 N., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, 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 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 7	182.33

GROUND-WATER LEVELS

FRANKLIN COUNTY

313026091035101. Local number, F001.

LOCATION.--Lat 31°30'26", long 91°03'51", in NW¼NE¼ sec.19, T.6 N., R.1 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, 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 230 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	21.12	MAY 4	19.32

GREENE COUNTY

311435088312201. Local number, M002.

LOCATION.--Lat 31°35'30", long 88°31'05", in NE¼NW¼ sec.7, T.3 N., R.5 W., ST. Stephens Meridian, Greene County, Hydrologic Unit 03170003, 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 107 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	13.8

310856088325401. Local number, P039.

LOCATION.--Lat 31°08'56", long 88°32'54", in NW¼SW¼ sec.12, T.2 N., R.6 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, 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 artesian well, diameter 2 in, depth 341 ft.

DATUM.--Land-surface datum is 80 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	13.8

GRENADA COUNTY

335032089473101. Local number, B102.

LOCATION.--Lat 33°50'32", long 89°47'31", in SE¼SE¼ sec.20, T.23 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, 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 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 8.55 ft below land-surface datum, Mar. 24, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	6.28	MAR 24	8.55

GRENADA COUNTY--Continued

334556089583501. Local number, F112.

LOCATION.--Lat 33°45'56", long 89°58'45", in SE¼SE¼ sec.16, T.22 N., R.3 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, 0.2 mi northwest 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, Mar. 29, 1984.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	6.03

334128089441701. Local number, H111.

LOCATION.--Lat 33°41'28", long 89°44'17", in SE¼SE¼ sec.11, T.21 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, 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, 7.69 ft below land-surface datum, Mar. 24, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	7.69

334147089433801. Local number, H113.

LOCATION.--Lat 33°41'47", long 89°43'38", in NE¼SW¼ sec.12, T.21 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	9.58

334148089425701. Local number, J002.

LOCATION.--Lat 33°41'48", long 89°42'57", in NW¼SW¼ sec.7, T.21 N., R.6 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, 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, 19.53 ft below land-surface datum, Mar. 24, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	19.53

GROUND-WATER LEVELS

HANCOCK COUNTY

302158089372901. Local number, H003.

LOCATION.--Lat 30°21'58", long 89°37'29", in SW¼NW¼ sec.8, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 28 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 46.0 ft above land-surface datum, Apr. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	49.4	APR 28	49.3

302140089345901. Local number, H004.

LOCATION.--Lat 30°21'40", long 89°34'59", in NE¼SE¼ sec.10, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 21 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	62.8	APR 28	64.8

302227089373001. Local number, H005.

LOCATION.--Lat 30°22'27", long 89°37'30", in NE¼SW¼ sec.5, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 29 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 45.3 ft above land-surface datum Apr. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	49.9	APR 28	52.2

302140089351401. Local number, H006.

LOCATION.--Lat 30°21'40", long 89°35'14", in NE¼SW¼ sec.10, T.8 S., R.16 W., ST. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 23 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	53.6	APR 28	54.5

GROUND-WATER LEVELS

257

HANCOCK COUNTY--Continued

302206089350601. Local number, H007.

LOCATION.--Lat 30°22'06", long 89°35'06", in NW¼NE¼ sec.10, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 25 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	52.9	APR 28	52.8

302126089351401. Local number, H008.

LOCATION.--Lat 30°21'26", long 89°35'14", in SW¼SE¼ sec.10, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 19 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 0.62 ft below land-surface datum, Apr. 28, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	0.13	APR 28	0.62

302118089351501. Local number, H011.

LOCATION.--Lat 30°21'18", long 89°35'15", in NW¼NE¼ sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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, 1.38 ft above land-surface datum, Oct. 14, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	1.38	APR 28	4.35

302118089351502. Local number, H012.

LOCATION.--Lat 30°21'18", long 89°35'15", in NW¼NE¼ sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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, 2.65 ft above land-surface datum, Apr. 28, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	5.02	APR 28	2.65

GROUND-WATER LEVELS

HANCOCK COUNTY--Continued

302118089351503. Local number, H013.

LOCATION.--Lat 30°21'18", long 89°35'15", in NW¼NE¼ sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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, 0.96 ft above land-surface datum, Apr. 28, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	3.24	APR 28	0.96

302118089351504. Local number, H014.

LOCATION.--Lat 30°21'18", long 89°35'15", in NE¼ sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, 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 20 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	7.29	APR 28	5.19

301858089202301 Local number, K001.

LOCATION.--Lat 30°18'58", long 89°20'23", in NW¼SW¼ sec.3, T.8 S., R.13 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, 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 16 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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, 6.86 ft below land-surface datum, Oct. 16, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	6.86	APR 28	6.09

301900089201801. Local number, K004.

LOCATION.--Lat 30°19'00", long 89°20'18", in SW¼ sec.30, T.8 S., R.13 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, 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 16 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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 below land-surface datum, Apr. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	2.20	APR 28	2.40

GROUND-WATER LEVELS

259

HARRISON COUNTY

303110089070201. Local number, G121.

LOCATION.--Lat 30°31'10", long 87°07'02", in NE¼SW¼ sec.17, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, 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 70 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 75.65 ft below land-surface datum, Apr. 7, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	69.07	APR 7	75.65

302400098022403. Local number, L141.

LOCATION.--Lat 30°22'40", long 89°02'54", in SW¼NW¼ sec.1, T.8 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, 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 21 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 52.10 ft below land-surface datum, Oct. 15, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	52.10	APR 7	43.97

302200089053301. Local number, L154.

LOCATION.--Lat 30°22'00", long 89°05'33", in NW¼NE¼ sec.9, T.8 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	14.65	APR 7	14.03

302403089141801. Local number, L454.

LOCATION.--Lat 30°24'03", long 89°14'18", in SW¼SW¼ sec.30, T.7 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, 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 20 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 55.9 ft above land-surface datum, Oct. 26, 1984; lowest measured, 49.7 ft above land-surface datum, Mar. 17, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 17	49.7

GROUND-WATER LEVELS

HARRISON COUNTY--Continued

302410089082201. Local number, L654.

LOCATION.--Lat 30°24'10", long 89°08'22", in SW¼SE¼ sec.30, T.7 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, 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 17 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 43.9 ft above land-surface, Apr. 8, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	46.2	MAR 17	44.5

301856089145301. Local number, N003.

LOCATION.--Lat 30°18'56", long 89°14'53", in SW¼NW¼ sec.30, T.8 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, 0.1 mi northwest 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 15 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	5.03	APR 7	4.02

HINDS COUNTY

322828090170501. Local number, C015.

LOCATION.--Lat 32°28'28", long 90°17'05", in SW¼SE¼ sec.3, T.2 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, 0.2 mi northeast of center of Pochahontas at elevated water tank.

Owner: Town of Pochahontas.

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 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 124.95 ft below land-surface datum, Oct. 7, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	124.95	APR 28	123.16

321949090361501. Local number, D001.

LOCATION.--Lat 32°19'49", long 90°36'15", in SW¼SW¼ sec.27, T.6 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, 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 220 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 21	121.26

GROUND-WATER LEVELS

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HINDS COUNTY--Continued

322112090195601. Local number, G059.

LOCATION.--Lat 32°21'12", long 90°19'56", in NW¼ sec.19, T.6 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, 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 325 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Air vent at pump base, 2.10 ft above land-surface datum.

REMARKS.--Water level affected by length of time pump off before measurement made.

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	231.42	DEC 22	232.80	FEB 25	231.40	MAY 25	232.84	JUL 22	232.43	SEP 26	230.63
NOV 24	232.41	JAN 28	230.32	APR 28	230.84	JUN 17	234.16	AUG 18	232.19		

322128090174901. Local number, G101.

LOCATION.--Lat 32°21'28", long 90°17'49", in SE¼ sec.16, T.6 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, 2.5 mi northeast of center of Clinton off Northside Drive.

Owner: City of Clinton.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16 in, depth 842 ft.

DATUM.--Land-surface datum is 297 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Air vent at pump base, 2.15 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--July 1984, May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 225 ft below land surface datum, July 18, 1984; lowest measured, 243.69 ft below land-surface datum, May 25, 1988

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 25	243.69	JUN 17	239.47	JUL 22	240.17	AUG 18	243.22	SEP 26	234.71	OCT 25	231.73

322301090090001. Local number, H023.

LOCATION.--Lat 32°23'01", long 90°09'00", in NW¼ sec.12, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, 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 315 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 237.82 ft below land-surface datum, Sept. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 24	233.01	JAN 28	230.04	MAR 29	230.75	MAY 25	232.70	JUL 22	236.76	SEP 26	237.82
DEC 22	230.99	FEB 25	230.44	APR 28	231.89	JUN 17	234.81	AUG 18	237.35		

32241090073701. Local number, H160.

LOCATION.--Lat 32°22'41", long 90°07'37", in SE¼ sec.7, T.6 N., R.2 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, 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 305 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 222.39 ft below land-surface datum, Aug. 18, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	218.59	DEC 22	215.84	FEB 25	214.92	APR 28	215.59	JUN 17	219.85	AUG 18	222.39
NOV 24	217.82	JAN 28	214.70	MAR 29	214.76	MAY 25	217.10	JUL 22	221.62	SEP 26	222.22

GROUND-WATER LEVELS

HINDS COUNTY--Continued

322223090132801. Local number, H163.

LOCATION.--Lat 32°22'23", long 90°13'28", in sec.8, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, 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 360 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	287.02	DEC 22	285.09	FEB 25	283.30	APR 28	285.33	JUN 17	287.12	AUG 18	294.69
NOV 24	285.74	JAN 28	284.62	MAR 29	284.55	MAY 25	285.33	JUL 22	285.33	SEP 26	295.15

322222090095201. Local number, H164.

LOCATION.--Lat 32°22'22", long 90°09'52", in SW¼ sec.11, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, 7 mi north of center of Jackson on North State Street.

Owner: Homewood Manor Traylor 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 298 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	214.62	DEC 22	211.28	FEB 25	210.84	APR 28	212.23	JUN 17	214.23	AUG 18	217.07
Nov 24	212.66	JAN 28	211.12	MAR 29	210.84	MAY 25	212.70	JUL 22	215.80	SEP 26	216.78

321512090283301. Local number, K055.

LOCATION.--Lat 32°15'12", long 90°28'33", in NW¼ sec.26, T.5 N., R.3 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, 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 242 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 64.64 ft below land-surface datum, July 23, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	64.44	APR 28	63.60

321521090245101. Local number, L005.

LOCATION.--Lat 32°15'21", long 90°24'51", in NE¼NW¼ sec.20, T.5 N., R.2 E., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, 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 328 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	228.13	APR 28	222.37

GROUND-WATER LEVELS

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HINDS COUNTY--Continued

321815090100201. Local number, NU25.

LOCATION.--Lat 32°18'15", long 90°10'02", in NW¼SE¼ sec.2, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit U3180002, 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 275 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 1.01 ft below land-surface datum, Sept. 26, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	0.36	DEC 22	0.24	FEB 25	0.06	APR 28	-0.05	JUN 17	-0.42	AUG 18	-0.80
NOV 24	0.21	JAN 28	-0.06	MAR 29	-0.28	MAY 25	-0.20	JUL 22	-0.67	SEP 26	-1.01

321752090102601. Local number, NU92.

LOCATION.--Lat 32°17'52", long 90°10'26", in SW¼SW¼ sec.2, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit U3180002, 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 271 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 101.58 ft below land-surface datum, Sept. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	100.89	DEC 22	100.05	FEB 25	100.70	APR 28	100.83	JUN 17	101.18	AUG 18	101.40
NOV 24	100.91	JAN 28	100.69	MAR 29	100.69	MAY 25	100.96	JUL 22	101.34	SEP 26	101.58

321300090142001. Local number, RU23.

LOCATION.--Lat 32°13'00", long 90°14'20", in SE¼NW¼ sec.6, T.4 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit U3180002, 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 380 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	263.42	APR 29	262.72

320554090173902. Local number, VU33.

LOCATION.--Lat 32°04'30", long 90°54'33", in NW¼SW¼ sec.15, T.3 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit U3180002, 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 286 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of concrete base, 1.65 ft above land-surface datum.

REMARKS.--Standby well, pumped occasionally, and affected by nearby pumping.

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, 145.42 ft below land-surface datum, July 25, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	131.43	MAR 29	129.91	MAY 26	135.16	JUL 25	145.42	SEP 26	140.74
FEB 25	130.84	APR 28	130.10	JUN 17	144.50	AUG 18	142.81		

GROUND-WATER LEVELS

HOLMES COUNTY

330650090034501. Local number, L043.

LOCATION.--Lat 33°06'50", long 90°03'45", in SW¼NE¼ sec.35, T.15 N., R.2 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, 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 205 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 3.07 ft below land-surface datum, Apr. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	3.07

330448090192201. Local number, P159.

LOCATION.--Lat 33°04'48", long 90°19'22", in NE¼NW¼ sec.8, T.14 N., R.1 W., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
JUN 9	53.4

330443089512503. Local number, T0U4.

LOCATION.--Lat 33°04'43", long 89°51'25", in SE¼ sec.11, T.14 N., R.4 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08060201, 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 267 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	24.72

330420089510901. Local number, T014.

LOCATION.--Lat 33°04'20", long 89°51'09", in SE¼NE¼ sec.14, T.14 N., R.4 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08060201, 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 263 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 11.94 ft below land-surface datum, Apr. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	11.94

GROUND-WATER LEVELS

265

HUMPHREYS COUNTY

331539090351701. Local number, B014.

LOCATION.--Lat 33°15'39", long 90°35'17", in SW¼NW¼ sec.2, T.16 N., R.4 W., Choctaw Meridian, Humphreys County, Hydrologic Unit 08030207, 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 11.1 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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MAR 25	11.5
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330606090353501. Local number, E088.

LOCATION.--Lat 33°06'06", long 90°35'35", in NW¼SW¼ sec.35, T.15 N., R.4 W., Choctaw Meridian, Humphreys County, Hydrologic Unit 08030207, 7.5 mi southwest 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 96 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 RECORD.--Highest water level measured, 17.28 ft below land-surface datum, Mar. 25, 1985; lowest measured, 27.70 ft below land-surface datum June 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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MAR 25	23.00	JUN 9	27.70
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330805090205501. Local number, G061.

LOCATION.--Lat 33°08'05", long 90°20'55", in SE¼NE¼ sec.24, T.15 N., R.2 W., Choctaw Meridian, Humphreys County, Hydrologic Unit 08030207, 8 mi southeast of Belzoni.

Owner: Bernard Jones.

AQUIFER.--Meridian Sand member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 1520 ft.

DATUM.--Land-surface datum is 115 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Faucet at well head, 1.5 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.8 ft above land-surface datum, June 9, 1988; lowest measured 53.8 ft above land-surface datum, June 9, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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JUN 9	53.8
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ITAWAMBA COUNTY

341633088243801. Local number, G024.

LOCATION.--Lat 34°16'33", long 88°24'38", in NW¼NE¼ sec.25, T.9 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, 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 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 64.64 ft below land-surface datum, Oct. 7, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 28	41.45	APR 19	38.10
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GROUND-WATER LEVELS

JACKSON COUNTY

302454088493401. Local number, N048.

LOCATION.--Lat 30°24'55", long 88°49'35", in SE¼SW¼ sec.19, T.7 S., R.8 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, 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 23 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 95.49 ft below land-surface datum, July 12, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	95.31	APR 26	84.21	JUL 12	95.49

302357088473801. Local number, N073.

LOCATION.--Lat 30°23'57", long 88°47'38", in SE¼NW¼ sec.28, T.2 S., R.8 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, 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 22 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 79.55 ft below land-surface datum, Oct. 15, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	79.55	APR 27	76.34

302503088481602. Local number, N511.

LOCATION.--Lat 30°25'03", long 88°48'16", in NE¼SE¼ sec.20, T.7 S., R.8 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, 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 5 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 11.6 ft above land-surface datum Oct. 15, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	11.6	APR 27	13.8

302451088325901. Local number, P045.

LOCATION.--Lat 30°24'51", long 99°32'59", in NE¼NE¼ sec.10, T.7 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, 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 20 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	49.04	APR 26	47.45

GROUND-WATER LEVELS

267

JACKSON COUNTY--Continued

302244088325801. Local number, P068.

LOCATION.--Lat 30°22'44", long 88°32'58", in SE¼ sec.2, T.8 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, 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 12 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	59.55	APR 27	56.18

302134088330803. Local number, P124.

LOCATION.--Lat 30°21'34", long 88°33'08", in SW¼ sec.11, T.8 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, 0.5 mi southeast of center of Pascagoula at Commuhy 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	91.57	APR 27	76.05

302042088331801. Local number, P134.

LOCATION.--Lat 30°20'42", long 88°33'18", in SE¼ sec.6, T.8 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 27	66.37

302623088311101. Local number, Q016.

LOCATION.--Lat 30°26'23", long 88°31'11", in SW¼ sec.17, T.7 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, 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 7 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 3.36 ft below land-surface datum, Oct. 15, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	3.36	APR 26	2.34

GROUND-WATER LEVELS

JACKSON COUNTY--Continued

302535088303501. Local number, Q025.

LOCATION.--Lat 30°25'35", long 88°30'35", in NW¼NE¼ sec.20, T.7 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, 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 4 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	39.84	APR 26	31.85

302126088293801. Local number, Q112.

LOCATION.--Lat 30°21'32", long 88°29'38", in SW¼SW¼ sec.9, T.8 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	10.23	APR 26	9.19	JULY 6	10.10

302304088305901. Local number, Q149.

LOCATION.--Lat 30°23'04", long 88°30'59", in SE¼SE¼ sec.31, T.8 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, 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 15 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 116.30 ft below land-surface datum, Aug. 30, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	95.31	APR 27	91.51

302103088294701. Local number, Q403.

LOCATION.--Lat 33°21'03", long 88°29'47", in NE¼SE¼ sec.17, T.8 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, 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 12 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 82.84 ft below land-surface datum, July 8, 1988; lowest measured, 145.1 ft below land-surface datum, June 19, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	88.10	JUL 8	82.84

GROUND-WATER LEVELS

269

JACKSON COUNTY--Continued

302253088302401. Local number, Q407.

LOCATION.--Lat 30°22'53", long 88°30'24", in SW¼NW¼ sec.5, T.8 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, 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, 146.93 ft below land-surface datum, Oct. 4, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	138.63	APR 26	128.33

302141088313101. Local number, Q424.

LOCATION.--Lat 30°21'41", long 88°31'31", in sec.30, T.8 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170009, 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 12 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.--September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.16 ft below land-surface datum, Apr. 27, 1988; lowest measured, 25.0 ft below land-surface datum, Sept. 2, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	19.16	APR 27	18.16

JEFFERSON COUNTY

314245091034601. Local number, H001.

LOCATION.--Lat 31°42'45", long 91°03'46", in SW¼NW¼ sec.45, T.9 N., R.1E., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).
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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 6	152.00	MAY 4	144.51

JONES COUNTY

314716089054801. Local number, C111.

LOCATION.--Lat 31°47'16", long 89°05'48", in NE¼SE¼ sec.33, T.10 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, 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 305 ft above National Geodetic Vertical Datum of 1929 (from topographic map).
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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	143.00	APR 25	132.10

GROUND-WATER LEVELS

JONES COUNTY--Continued

314143089083901. Local number, G055.

LOCATION.--Lat 31°41'43", long 89°08'39", in NW¼NW¼ sec.6, T.8 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 031700U5, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	206.17	APR 25	190.63

LAFAYETTE COUNTY

343005089301301. Local number, BU01.

LOCATION.--Lat 34°30'05", long 89°30'13", in NW¼SE¼ sec.3, T.7 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 080302U1, 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 420 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 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, 164.11 ft below land-surface datum, Mar. 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	164.11

342130089313001. Local number, F021.

LOCATION.--Lat 34°21'30", long 89°31'30", in SW¼NW¼ sec.28, T.8 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 080302U3, 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 470 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.--October 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 98.80 ft below land-surface datum, Jan. 6, 1976; lowest measured, 108.10 ft below land-surface datum, Aug. 31, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	104.92

342104089320301. Local number, F112.

LOCATION.--Lat 34°21'04", long 89°32'03", in SW¼SE¼ sec.29, T.8 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 080302U3, 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 470 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 pumping.

PERIOD OF RECORD.--October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 162.11 ft below land-surface datum, June 18, 1985; lowest measured, 226.15 ft below land-surface datum, June 30, 1977.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	163.81	MAR 23	162.90

GROUND-WATER LEVELS

271

LAMAR COUNTY

311938089211101. Local number, E214.

LOCATION.--Lat 31°19'38", long 89°21'11", in SW¼SE¼ sec.12, T.4 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170004, 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 218 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	100.09	APR 26	99.05

310935089252001. Local number, L063.

LOCATION.--Lat 31°09'35", long 89°25'20", in SE¼SE¼ sec.5, T.2 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, 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 370 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	260.06	FEB 5	264.81	APR 25	262.78	SEP 16	266.88

310934089252101. Local number, L093.

LOCATION.--Lat 31°09'35", long 89°25'21", in SE¼SE¼ sec.5, T.2 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, 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 artesian well, diameter 8-6 in, depth 264 ft.

DATUM.--Land-surface datum is 375 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 177.15 ft below land-surface datum, June 20, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 14	153.74	JUN 20	177.15

LAUDERDALE COUNTY

321902088445701. Local number, M003.

LOCATION.--Lat 32°19'02", long 88°44'57", in NW¼SE¼ sec.34, T.6 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 14.80 ft below land-surface datum, Apr. 16, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT	11.80	AUG 24	12.45

GROUND-WATER LEVELS

LAWRENCE COUNTY

313310090062001. Local number, G002.

LOCATION.--Lat 31°33'10", long 90°06'20", in NW¼NW¼ sec.28, T.7 N., R.11 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, 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 198 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 10	142.36

LEAKE COUNTY

324427089295201. Local number, L001.

LOCATION.--Lat 32°44'20", long 89°29'50", in SW¼SE¼ sec.5, T.10 N., R.8 E., Cnoctaw Meridian, Leake County, Hydrologic Unit 03180001, 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 350 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 51.77 ft below land-surface datum, Oct. 7, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	51.77	APR 27	51.30

LEE COUNTY

341555088463501. Local number, G043

LOCATION.--Lat 34°15'55", long 88°46'35", in SW¼SE¼ sec.28, T.9 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 248.86 ft below land-surface datum, Dec. 17, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	246.95	APR 20	241.63

341632088403001. Local number, H009.

LOCATION.--Lat 34°16'32", long 88°40'30", in SW¼NE¼ sec.28, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	170.67	APR 19	161.28

LEE COUNTY--Continued

341547088422901. Local number, H022.

LOCATION.--Lat 34°15'47", long 88°42'29", in NW¼NW¼ sec.31, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 247.09 ft below land-surface datum, Dec. 16, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 19	223.94
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341948088423101. Local number, H033.

LOCATION.--Lat 34°19'48", long 88°42'31", in NW¼SE¼ sec.6, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 315 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 158.51 ft below land-surface, Oct. 27, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 27	158.51	APR 19	155.75
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341536088421001. Local number, H042.

LOCATION.--Lat 34°15'36", long 88°42'10", in SE¼NE¼ sec.31, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 257.00 ft below land-surface datum, May 13, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 27	242.11	APR 19	237.77
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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 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 304.60 ft below land-surface datum, Aug. 25, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 7	285.03	DEC 4	281.32	JAN 27	276.81	MAR 23	276.63	JUL 29	295.54
NOV 18	283.06	DEC 21	279.59	FEB 24	276.60	APR 26	276.90	AUG 5	295.78

GROUND-WATER LEVELS
LEE COUNTY--Continued

340522088371701. Local number, 0014.

LOCATION.--Lat 34°05'25", long 88°37'17", in SW¼SE¼ sec.25, T.11 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 260 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 65.61 ft below land-surface datum, Oct. 28, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	65.61	APR 19	64.90

340523088371701. Local number, 0015.

LOCATION.--Lat 34°05'23", long 88°37'17", in SW¼SE¼ sec.25, T.11 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, 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 266 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
SEP 28	86.28

LEFLORE COUNTY

333823090205101. Local number, D160.

LOCATION.--Lat 33°38'23", long 90°20'51", in NW¼SW¼ sec.31, T.21 N., R.1 W., Choctaw Meridian, Leflore County, Hydrologic Unit 08030207, 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, 13.65 ft below land-surface datum, Mar. 24, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	13.65

333437090262601. Local number, F053.

LOCATION.--Lat 33°34'37", long 90°26'26", in NW¼NW¼ sec.29, T.20 N., R.2 W., Choctaw Meridian, Leflore County, Hydrologic Unit 08030207, 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 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	38.88	MAR 24	37.48

GROUND-WATER LEVELS

275

LEFLORE COUNTY--Continued

333159090113401. Local number, L079.

LOCATION.--Lat 33°31'59", long 90°11'34", in SW¼SE¼ sec.4, T.19 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030205, 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 128 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	26.17

333135090124402. Local number, L111.

LOCATION.--Lat 33°31'35", long 90°12'44", in SE¼SE¼ sec.8, T.19 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030205, 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 95 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 6	19.51	MAR 24	17.96	JUN 8	19.19

333050090112501. Local number, L150.

LOCATION.--Lat 33°30'50", long 90°11'25", in NE¼NE¼ sec.16, T.19 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030205, 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 126 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	17.60

333100090105801. Local number, L152.

LOCATION.--Lat 33°31'00", long 90°10'58", in NE¼NW¼ sec.15, T.19 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030206, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 24	16.44

GROUND-WATER LEVELS

LINCOLN COUNTY

313731090370101. Local number, B037.

LOCATION.--Lat 31°37'31", long 90°37'01", in NE¼NE¼ sec.32, T.8 N., R.6 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, 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 434 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 64.50 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 24	68.30	MAY 10	68.70	JUN 26	68.78

313504090261401. Local number, H010.

LOCATION.--Lat 31°35'04", long 90°26'14", in SW¼SE¼ sec.7, T.7 N., R.8 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, 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 485 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 10	63.00

LOWNDES COUNTY

333845088275404. Local number, A014.

LOCATION.--Lat 33°38'45", long 88°27'54", in NE¼SW¼ sec.19, T.16 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, 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 188 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.--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, 32.81 ft below land-surface datum, Oct. 28, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	32.81	APR 21	31.35

333306088255601. Local number, C029.

LOCATION.--Lat 33°33'06", long 88°25'56", in SW¼SW¼ sec.28, T.17 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, 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, 45.18 ft below land-surface datum, Oct. 29, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
Oct 29	45.18	APR 20	42.67

GROUND-WATER LEVELS

277

LOWNDES COUNTY--Continued

333703088244801. Local number, C030.

LOCATION.--Lat 33°37'03", long 88°24'48", in SE¼NW¼ sec.3, T.17 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160101, 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 210 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 current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.53 ft below land-surface datum, Mar. 13, 1959; lowest measured, 22.05 ft below land-surface datum, Apr. 20, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 20	22.05

332838088393401. Local number, E005.

LOCATION.--Lat 33°28'38", long 88°39'34", in NW¼NE¼ sec.31, T.19 N., R.16 E., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160104, 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 226 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.--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, 112.65 ft below land-surface datum, Apr. 21, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 21	112.65

333052088234101. Local number, G185.

LOCATION.--Lat 33°30'52", long 88°23'41", in SW¼ sec.11, T.18 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, 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 178 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 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, 19.29 ft below land-surface datum, July 12, 1988.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	18.60	DEC 16	18.42	MAR 8	18.75	APR 20	8.47	JUL 12	19.29
OCT 29	18.75	JAN 26	18.14	APR 19	9.23	MAY 25	8.87		

332656088335801. Local number, K037.

LOCATION.--Lat 33°26'56", long 88°33'58", in SW¼SW¼ sec.6, T.18 N., R.17 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, 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 artesian well, diameter 12 in, depth 1,312 ft.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 21	102.45

GROUND-WATER LEVELS

LOWNDES COUNTY--Continued

332718088333903. Local number, KU39.

LOCATION.--Lat 33°27'18", long 88°33'39", in SW¼SW¼ sec.6, T.18 N., R.17 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, 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 artesian observation well, diameter 12 in, depth 329 ft.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 21	99.85
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332517088235601. Local number, LQ22.

LOCATION.--Lat 33°25'17", long 88°23'56", in SE¼SE¼ sec.10, T.19 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, 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 178 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 20	30.88
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332508088235409. Local number, LQ34.

LOCATION.--Lat 33°25'08", long 88°23'54", in NW¼SE¼ sec.10, T.19 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, 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 180 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 39.73 ft below land-surface datum, Oct. 29, 1987; lowest measured, 108.80 ft below land-surface datum, May 12, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 29	39.73	APR 20	59.55
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332142088380101. Local number, NQ29.

LOCATION.--Lat 33°21'42", long 88°38'01", in SW¼SW¼ sec.4, T.17 N., R.16 E., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160106, 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 280 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 149.57 ft below land-surface datum, Apr. 21, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 21	149.57
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MADISON COUNTY

322413090101701. Local number, V013.

LOCATION.--Lat 32°24'13", long 90°10'17", in NE¼SE¼ sec.35, T.7 N., R.1 E., Choctaw Meridian, Madison County, Hydrologic Unit 03180002, 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 380 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 24	214.77	JAN 28	214.83	MAR 29	213.53	MAY 25	214.04	JUL 22	215.84	SEP 26	215.89
DEC 22	214.83	FEB 25	214.14	APR 28	214.04	JUN 17	215.03	AUG 18	216.35		

322458090084601. Local number, V023.

LOCATION.--Lat 32°24'58", long 90°08'46", in NE¼NE¼ sec.36, T.7 N., R.1 E., Choctaw Meridian, Madison County, Hydrologic Unit 03180002, 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 330 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 1-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, 150 ft below land-surface datum, Aug. 26, 1965; lowest measured, 202.62 ft below land-surface datum, Sept. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 24	195.45	JAN 28	198.16	MAR 29	194.97	MAY 25	197.71	JUL 22	200.79	SEP 26	202.62
DEC 22	197.87	FEB 25	196.42	APR 28	194.42	JUN 17	199.99	AUG 18	201.16		

322627090062401. Local number, W005.

LOCATION.--Lat 32°26'27", long 90°06'24", in NE¼NE¼ sec.20, T.7 N., R.2 E., Choctaw Meridian, Madison County, Hydrologic Unit 03180002, 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 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	178.50	APR 28	174.02	JUN 17	177.12	JUL 22	179.22	AUG 18	178.37	SEP 26	177.48

322517090054201. Local number, W066.

LOCATION.--Lat 32°25'17", long 90°05'42", in SW¼SE¼ sec.22, T.7 N., R.2 E., Choctaw Meridian, Madison County, Hydrologic Unit 03180002, 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 308 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Air vent at pump motor base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--April 1974, August 1981 to October 1987 (discontinued).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
OCT 28	169.30

GROUND-WATER LEVELS

MADISON COUNTY--Continued

322702090082301. Local number, W074.

LOCATION.--Lat 32°27'02", long 90°08'23", in SW¼NW¼ sec.18, T.7 N., R.2 E., Cnoctaw Meridian, Madison County, Hydrologic Unit 03180002, 0.75 mi southwest of center of Madison.

Owner: Town of Madison

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 1380 ft.

DATUM.--Land-surface datum is 379 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Vent pipe at pump base, 1.10 ft above land-surface datum.

PERIOD OF RECORD.--November 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 290.42 ft below land-surface datum, Dec. 22, 1987; lowest measured, 296.58 Sept. 26, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 24	294.62	JAN 28	293.19	MAR 29	290.95	MAY 25	291.88	JUL 22	295.05	SEP 26	296.58
DEC 22	290.42	FEB 25	293.95	APR 28	291.18	JUN 17	292.35	AUG 18	295.57		

MARSHALL COUNTY

344618089272801. Local number, P072.

LOCATION.--Lat 34°46'18", long 89°27'24", in NW¼NW¼ sec.6, T.4 S., R.2 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, at Holly Springs on West Boundary 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 510 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.--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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	128.61

MONROE COUNTY

335917088304401. Local number, C003.

LOCATION.--Lat 33°59'17", long 88°30'44", in NE¼SE¼ sec.26, T.12 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, 0.3 mi northwest 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 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	26.17	APR 20	24.43

334836088390201. Local number, 0003.

LOCATION.--Lat 33°48'36", long 88°39'02", in NE¼NE¼ sec.3, T.15 S., R.6 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03170101, 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 315 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 178.68 ft below land-surface datum, Mar. 11, 1981; lowest measured, 193.74 ft below land-surface datum, Oct. 16, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	177.47	APR 20	180.57

GROUND-WATER LEVELS

281

MONROE COUNTY--Continued

334359088391601. Local number, 0016.

LOCATION.--Lat 33°43'59", long 88°39'16", in SW¼NE¼ sec.34, T.15 S., R.6 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160104, 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 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 152.1 ft below land-surface datum, May 4, 1977; lowest measured, 164.91 ft below land-surface datum, Apr. 24, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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APR 20	164.15
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334836088333301. Local number, P022.

LOCATION.--Lat 33°48'36", long 88°33'33", in NW¼NW¼ sec.3, T.15 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, 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 218 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 28	105.78	APR 20	104.99
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334147088261501. Local number, Q018.

LOCATION.--Lat 33°41'47", long 88°26'15", in SE¼SE¼ sec.5, T.16 S., R.18 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160103, 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 216 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 71.55 ft below land-surface datum, Apr. 20, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 28	69.8	APR 20	71.55
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MONTGOMERY COUNTY

332916089432002. Local number, F002.

LOCATION.--Lat 33°29'16", long 89°43'20", in NW¼NE¼ sec.25, T.19 N., R.5 E., Choctaw Meridian, Montgomery County, Hydrologic Unit 08060201, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
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MAR 24	117.16
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GROUND-WATER LEVELS

NEWTON COUNTY

322722089162002. Local number, E023.

LOCATION.--Lat 32°27'22", long 89°16'20", in NW¼NW¼ sec.15, T.7 N., R.10 E., Choctaw Meridian, Newton County, Hydrologic Unit 03180001, 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 525 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 240.47 ft below land-surface datum, Oct. 30, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	240.47	APR 29	240.01

NOXUBEE COUNTY

330645088332801. Local number, H115.

LOCATION.--Lat 33°06'50", long 88°34'10", in NW¼NW¼ sec.33, T.15 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, 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 185 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 17.94 ft below land-surface datum, Oct. 29, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	17.94	APR 21	17.72

325927088442701. Local number, Q018.

LOCATION.--Lat 32°59'27", long 88°44'27", in NW¼SW¼ sec.11, T.13 N., R.15 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, 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 485 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 314.00 ft below land-surface datum, Oct. 29, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	314.00	APR 21	313.27

OKTIBBEHA COUNTY

332710088471701. Local number, G102.

LOCATION.--Lat 33°27'10", long 88°47'17", in NE¼SW¼ sec.1, T.18 N., R.14 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, 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, 234.00 ft below land-surface datum, Apr. 21, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 21	234.00

PERRY COUNTY

311056088551201. Local number, J015.

LOCATION.--Lat 31°10'56", long 88°55'12", in SE¼NW¼ sec.32, T.3 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, 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 artesian well, diameter 2 in, depth 576 ft.

DATUM.--Land-surface datum is 90 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring Point: End 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, 37.0 ft above land-surface datum, May 9, 1984; lowest measured, 24.8 ft above land-surface datum, Apr. 22, 1983.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	32.8

310956088552101. Local number, M011.

LOCATION.--Lat 31°09'56", long 88°55'21", in SW¼SW¼ sec.5, T.2 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, 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) artesian well, diameter 11 in, depth 666 ft, reported screened 626-666 ft.

DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 20.8 ft above land-surface datum, Apr. 7, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 26	21.9

PIKE COUNTY

311453090271302. Local number, D089.

LOCATION.--Lat 31°14'53", long 90°27'13", in NE¼SE¼ sec.1., T.3 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, 0.6 mi northeast of center of McComb on Warren Street.

Owner: City of McComb.

AQUIFER.--Sand of Miocene Age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 606 ft.

DATUM.--Land-surface datum is 425 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of shelter floor, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--July 1971, July 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 198 ft below land-surface datum, July 1, 1971; lowest measured, 228.95 ft below land-surface datum, July 5, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 5	228.95	SEP 1	227.02

310833090272801. Local Number, G002.

LOCATION.--Lat 31°08'33", long 90°27'28", in NW¼NW¼ sec.13, T.2 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, 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 300 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAY 10	13.85

GROUND-WATER LEVELS

PRENTISS COUNTY

343921088334101. Local number, F002.

LOCATION.--Lat 34°39'21", long 88°33'41", in SE¼SE¼ sec.9, T.5 S., R.7 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 08010207, 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 525 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	242.91	APR 19	237.55

343142088384401. Local number, J084.

LOCATION.--Lat 34°31'42", long 88°38'44", in SE¼NE¼ sec.26, T.6 S., R.6 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, 1.7 mi north of center of Baldwyn on west side of U.S. Highway 45.

Owner: Baldwyn 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 345 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 61.14 ft below land-surface datum, Apr. 19, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 19	61.14

QUITMAN COUNTY

341538090161501. Local number, E034.

LOCATION.--Lat 34°15'38", long 90°16'15", in SW¼NE¼ sec.35, T.28 N., R.1 W., Choctaw Meridian, Quitman County, Hydrologic Unit 08030204, 0.3 mi east of intersection of State Highways 3 and 6 on Coldwater Street.

Owner: Town of Marks.

AQUIFER.--Sand of lower part of Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled public-supply (standby) well, diameter 12 in, depth 150 ft.

DATUM.--Land-surface datum is 166 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Vent pipe on north side of pump, 2.90 ft above land-surface datum.

PERIOD OF RECORD.--October 1970, March 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24 ft above land-surface datum, Oct. 1970; lowest measured, 1.31 ft above land-surface datum, Mar. 23, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	1.31

341516090161601. Local number, E050.

LOCATION.--Lat 34°15'16", long 90°16'16", in NE¼SW¼ sec.35, T.28 N., R.1 W., Choctaw Meridian, Quitman County, Hydrologic Unit 08030204, near center of Marks, approximately 1/4 mi from State Highway 3 on Ash Street.

Owner: Town of Marks.

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 12 in, depth 869 ft.

DATUM.--Land-surface datum is 166 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Inspection plug on east side of pump, 0.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.11 ft below land-surface datum, Mar. 23, 1988; lowest measured, 5.11 ft below land-surface datum, Mar. 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	5.11

RANKIN COUNTY

322249089582101. Local number, GU43.

LOCATION.--Lat 32°22'49", long 89°58'21", in SW¼NW¼ sec.10, T.6 N., R.3 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, 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 320 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 22	174.73	FEB 25	173.08	APR 28	172.88	JUL 22	176.96	SEP 26	178.52		
JAN 28	173.10	MAR 29	172.13	MAY 25	173.63	AUG 18	179.21				

321846089475101. Local number, J110.

LOCATION.--Lat 32°18'46", long 89°47'51", in SW¼SW¼ sec.33, T.6 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, 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 365 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 130.33 ft below land-surface datum, APR. 28, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	130.30	APR 28	130.33

SCOTT COUNTY

322148089283201. Local number, L001.

LOCATION.--Lat 32°21'48", long 89°28'32", in SE¼NE¼ sec.16, T.6 N., R.8 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, 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 480 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.

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	96.82	APR 29	96.84

322202089290502. Local number, LU13.

LOCATION.--Lat 32°22'02", long 89°29'05", in SE¼NE¼ sec.16, T.6 N., R.8 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, 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 480 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 227.09 ft below land-surface datum, Oct. 7, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	227.09	APR 29	225.37

GROUND-WATER LEVELS
SCOTT COUNTY--Continued

322147089305801. Local number, L039.

LOCATION.--Lat 32°21'47", long 89°30'58", in SW¼NE¼ sec.18, T.6 N., R.8 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, 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 475 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	236.62	APR 29	235.60

SHARKEY COUNTY

325839090501601. Local number, C043.

LOCATION.--Lat 32°58'39", long 90°50'16", in sec.17, T.13 N., R.6 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08080209, 0.6 mi northwest of center of Anguilla on west side of Deer Creek.

Owner: M. C. Ewing.

AQUIFER.--Meridian Sand Member of Tallanatta 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 106 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
JUN 6	73.9

324749090553101. Local number, G044.

LOCATION.--Lat 32°47'49", long 90°55'31", in NE¼NW¼ sec.16, T.11 N., R.7 W., Choctaw Meridian, Sharkey County, Hydrologic Unit 08030209, 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 102 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 27.96 ft below land-surface datum, Mar. 21, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 21	27.96

SIMPSON COUNTY

315256089392401. Local number, L001.

LOCATION.--Lat 31°52'56", long 89°39'24", in SE¼NW¼ sec.35, T.1 N., R.6 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03170004, 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 530 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 344.68 ft below land-surface datum, Apr. 25, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 25	344.68

SIMPSON COUNTY--Continued

315258089392201. Local number, L013.

LOCATION.--Lat 31°52'58" long 89°39'22", in SE¼NW¼ sec.35, T.1 N., R.6 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03170004, 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 515 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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, 119.48 ft below land-surface datum, Apr. 25, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 25	119.48

SUNFLOWER COUNTY

334017090301801. Local number, H018.

LOCATION.--Lat 33°40'17", long 90°30'18", in SE¼NE¼ sec.21, T.21 N., R.3 W., Choctaw Meridian, Sunflower County, Hydrologic Unit 08030207, 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 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 7.96 ft below land-surface datum, Oct. 22, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	7.96	MAR 21	7.56

332505090293001. Local number, R021.

LOCATION.--Lat 33°25'05", long 90°29'30", in NW¼SW¼ sec.22, T.18 N., R.3 W., Choctaw Meridian, Sunflower County, Hydrologic Unit 08030207, 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 110 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 5.3 ft above land-surface datum, Oct. 22, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	5.30	MAR 21	13.80

TATE COUNTY

343723089592801. Local number, F022.

LOCATION.--Lat 34°37'23", long 89°59'28", in SE¼SE¼ sec.25, T.5 S., R.8 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, 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 340 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	153.82

GROUND-WATER LEVELS

TATE COUNTY--Continued

343811089580401. Local number, G037.

LOCATION.--Lat 34°38'11", long 89°58'04", in NW¼SW¼ sec.20, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, 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 250 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 108.71 ft below land-surface datum, Mar. 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 23	108.71

TIPPAH COUNTY

345658088534101. Local number, B008.

LOCATION.--Lat 34°56'58", long 88°53'41", in SE¼ sec.32, T.1 S., R.4 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, 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 470 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.--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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	66.30	MAR 3	62.37

344409088565401. Local number, J022.

LOCATION.--Lat 34°44'09", long 88°56'54", in NW¼SW¼ sec.13, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, 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 490 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 242.13 ft below land-surface datum, Aug. 15, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 15	242.13	SEP 27	239.15

TISHOMINGO COUNTY

345802088142701. Local number, B018.

LOCATION.--Lat 34°58'02", long 88°14'27", in SW¼NE¼ sec.28, T.1 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, 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 560 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.--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, 106.55 ft below land-surface datum, Apr. 1, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 3	103.95

TISHIMINGO COUNTY--Continued

345603088170601. Local number, 8019.

LOCATION.--Lat 34°56'03", long 88°17'06", in NE¼SW¼ sec.6, T.2 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, 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 467 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 3	11.69

343936088161901. Local number, J010.

LOCATION.--Lat 34°39'36", long 88°16'19", in NW¼SE¼ sec.8, T.5 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, 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 420 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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.

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	3.85	MAR 3	3.95

TUNICA COUNTY

344540090230801. Local number, D029.

LOCATION.--Lat 34°45'40", long 90°23'08", in SW¼SE¼ sec.5, T.4 S., R.11 W., Chickasaw Meridian, Tunica County, Hydrologic Unit 08030204, 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 188 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 7.66 ft above land-surface datum, Mar. 26, 1985; lowest measured, 16.59 ft below land-surface datum, Jan. 22, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	15.74	OCT 20	14.79	MAR 22	11.40	JUN 7	11.91

UNION COUNTY

343200089045901. Local number, B006.

LOCATION.--Lat 34°32'00", long 89°04'59", in SE¼NW¼ sec.27, T.6 S., R.2 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, 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 385 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 19	68.80

GROUND-WATER LEVELS

UNION COUNTY--Continued

343418088484901. Local number, E022.

LOCATION.--Lat 34°34'18", long 88°48'49", in NW¼SE¼ sec.7, T.6 S., R.5 W., Chickasaw Meridian, Union County, Hydrologic Unit 08010207, 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 680 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Plug in top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected 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, 451.40 ft below land-surface datum, May 16, 1979.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
APR 19	395.80

WASHINGTON COUNTY

332432091031501. Local number, D016.

LOCATION.--Lat 33°24'32", long 91°03'15", in irregular sec.4, T.18 N., R.8 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, 0.2 mi northeast 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 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 84.30 ft below land-surface datum, Mar. 27, 1984; lowest measured, 107.87 ft below land-surface datum, June 7, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	88.44

332228091045402. Local number, D033.

LOCATION.--Lat 33°22'28", long 91°04'54", in irregular sec.10, T.18 N., R.9 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, 4 mi southwest 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 22	26.10

332223091043301. Local number, D178.

LOCATION.--Lat 33°22'23", long 91°04'33", in sec.10, T.18 N., R.9 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, 2.5 mi north of intersection of Stat 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.

DATUM.--Land-surface datum is about 124 ft above National Geodetic Vertical Datum of 1929. 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 measured, 1.19 ft above land-surface datum, May 19, 1983; lowest measured, 17.71 ft below land-surface datum, Oct. 1, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	17.71	JAN 9	12.32	MAR 23	9.72	JUL 14	13.07

WASHINGTON COUNTY--Continued

332007090525401. Local number, H014.

LOCATION.--Lat 33°20'07", long 90°52'54", in NW¼SW¼ sec.12, T.17 N., R.7 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, 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 115 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 26.35 ft below land-surface datum, Aug. 20, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	25.16	MAR 21	22.26	JUN 7	24.02

331808090532901. Local number, H101.

LOCATION.--Lat 33°18'08", long 90°53'29", in SW¼SE¼ sec.23, T.17 N., R.7 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, 0.1 mi southwest 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 120 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 6.00 ft above land-surface datum, Mar. 21, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	6.32	MAR 21	6.00

331120090413001. Local number, MU44.

LOCATION.--Lat 33°11'20", long 90°41'30", in NW¼SW¼ sec.35, T.16 N., R.5 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030207, 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 105 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.

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, June 7, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 21	30.04	JUN 7	31.98

WAYNE COUNTY

315011088413601. Local number, C058.

LOCATION.--Lat 31°50'11", long 88°41'36", in SE¼NE¼ sec.16, T.10 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, 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 artesian well, diameter 16 in, depth 2,402 ft.

DATUM.--Land-surface datum is 252 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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, 41.1 ft below land-surface datum, Sept. 12, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	46.2	SEP 12	41.1

GROUND-WATER LEVELS

WAYNE COUNTY--Continued

314115088392301. Local number, N151.

LOCATION.--Lat 31°41'15", long 88°39'23", in NE¼SE¼ sec.2, T.8 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, 1 mi northwest of center of Waynesboro at Turner Street and Gulf Mobile and Ohio 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 180 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, Jan. 22, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	24.47	APR 25	23.15	SEP 12	25.06

WEBSTER COUNTY

332425089212001. Local number, M025.

LOCATION.--Lat 33°24'25", long 89°21'20", in SW¼NW¼ sec.28, T.19 N., R.9 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, 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 artesian well, diameter 10 in, depth 359 ft.

DATUM.--Land-surface datum is 350 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 42.86 ft below land-surface datum, Oct. 26, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	42.86	APR 18	41.68

WILKINSON COUNTY

310415091042201. Local number, T101.

LOCATION.--Lat 31°04'15", long 91°04'22", in SE¼NW¼ sec.2, T.1 N., R.1 E., Washington Meridian, Wilkinson County, Hydrologic Unit 08070202, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	49.85	MAY 4	49.73

310415091042202. Local number, T102.

LOCATION.--Lat 31°04'15", long 91°04'22", in SE¼NW¼ sec.2, T.1 N., R.1 E., Washington Meridian, Wilkinson County, Hydrologic Unit 08070202, 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, 167.50 ft below land-surface datum, Oct. 5, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	167.50	MAY 4	164.91

GROUND-WATER LEVELS

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WILKINSON COUNTY--Continued

310415091042203. Local number, T103.

LOCATION.--Lat 31°04'15", long 91°04'22", in SE¼NW¼ sec.2, T.1 N., R.1 E., Washington Meridian, Wilkinson County, Hydrologic Unit 08070202, 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, 280.32 ft below land-surface datum, Oct. 5, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	280.32	MAY 4	279.94

YAZOO COUNTY

325905090192202. Local number, B102.

LOCATION.--Lat 32°59'05", long 90°19'22", in SE¼SW¼ sec.8, T.13 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, 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, 31.9 ft above land-surface datum, Feb. 1, 1939; lowest measured, 24.98 ft below land-surface datum, Oct. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	24.98	MAR 25	24.59

325905090192201. Local number, B103.

LOCATION.--Lat 32°59'05", long 90°19'22", in SE¼SW¼ sec.8, T.13 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, 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 112 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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, 85.8 ft above land-surface datum, Oct. 9, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	85.8	MAR 25	99.6

325100090250701. Local number, G006.

LOCATION.--Lat 32°51'00", long 90°25'07", in SW¼NE¼ sec.32, T.12 N., R.2 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, 0.3 mi northwest 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 100 ft above National Geodetic Vertical Datum of 1929 (from topographic map). 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, 16.72 ft below land-surface datum, Mar. 26, 1984; lowest measured, 37.72 ft below land-surface datum, Oct. 22, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	22.80	MAR 25	19.72	JUN 9	22.00

GROUND-WATER LEVELS
YAZOO COUNTY--Continued

325016090251601. Local number, G126.

LOCATION.--Lat 32°50'16", long 90°25'16", in SW¼NE¼ sec.32, T.12 N., R.2 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, 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 96 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
MAR 25	43.52

324936090423001. Local number, J128.

LOCATION.--Lat 32°49'36", long 90°42'30", in NE¼SE¼ sec.4, T.11 N., R.5 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, 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 103 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 26.24 ft below land-surface datum, Oct. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	26.24	MAR 25	25.43

324354090325501. Local number, Q013.

LOCATION.--Lat 32°43'54", long 90°32'55", in center NW¼ sec.7, T.10 N., R.3 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, 4 mi north of Sartatia.

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 95 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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, 12.51 ft below land-surface datum, June 24, 1983; lowest measured, 28.39 ft below land-surface datum, Sept. 25, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
OCT 19	22.25

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, 106.78 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	106.30	FEB 23	106.45	MAY 3	105.61	AUG 2	106.78

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, 95.52 ft below land-surface datum, Feb. 23, 1988.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	93.80	FEB 23	95.52	MAY 3	94.54	AUG 2	95.40

344608088232602. Local number, L038. (USCE NW2-2)

LOCATION.--Lat 34°46'08", long 88°23'26", Hydrologic Unit 06010207, 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, 197.60 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	197.01	FEB 24	197.05	MAY 12	196.44	AUG 11	197.60

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, 192.45 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	191.72	MAY 3	192.22	AUG 2	192.45

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, 201.46 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	200.69	FEB 3	200.65	MAY 3	200.27	AUG 2	201.46

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	199.60	FEB 3	199.61	MAY 3	199.32	AUG 2	200.32

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, 218.02 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	217.17	FEB 3	216.80	MAY 3	216.23	AUG 2	218.02

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, 222.17 below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	220.09	FEB 3	220.82	MAY 3	220.24	AUG 2	222.17

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, 199.73 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	199.58	FEB 23	199.51	MAY 3	198.90	AUG 2	199.73

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	199.28	FEB 23	199.16	MAY 3	198.56	AUG 2	199.63

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, 146.05 ft below land-surface datum, Dec. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	146.05	FEB 23	145.34	MAY 3	145.58

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, 132.85 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	132.08	FEB 23	132.33	MAY 3	131.03	AUG 2	132.85

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY

342554088240401. Local number, A023. (USCE GW118)

LOCATION.--Lat 34°25'54", long 88°24'04", Hydrologic Unit 03160101, SE¼NE¼ 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, 9.74 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	7.67	FEB 25	5.42	MAY 5	6.34	AUG 4	9.72

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, 8.48 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	7.01	MAR 2	3.27	MAY 10	4.69	AUG 10	8.48

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, 3.19 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	1.19	MAR 2	0.00	MAY 10	0.60	AUG 10	3.19

342612088225801. Local number, BU05. (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, 3.83 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	3.72	FEB 25	2.56	MAY 5	2.84	AUG 4	3.83

ITAWAMBA COUNTY--Continued

342705088215001. Local number, B008. (USCE P601B)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	105.85	FEB 25	105.20	MAY 5	105.20	AUG 4	106.29

342654088210701. Local number, B009. (USCE P602B)

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, 126.29 ft below land-surface datum, May. 5, 1988; lowest measured, 127.85 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	127.20	FEB 25	126.38	MAY 5	126.29	AUG 4	127.68

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, 0.77 ft above land-surface datum, May 5, 1988; lowest measured, 2.65 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	0.36	FEB 25	0.75	MAY 5	0.77	AUG 4	-0.58

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	1.05	FEB 25	1.22	MAY 5	2.49	AUG 4	3.60

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	3.91	MAR 2	5.20	MAY 10	4.84	AUG 10	1.78

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, 9.38 ft below land-surface datum, Dec. 8, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	9.38	MAR 2	6.56	MAY 10	6.72	AUG 10	9.04

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, 24.43 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	23.61	FEB 25	22.77	MAY 5	23.13	AUG 4	24.43

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, 2.70 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	1.21	MAR 2	0.95	MAY 10	1.15	AUG 10	2.70

ITAWAMBA COUNTY--Continued

342058088243601. Local number, D045. (USCE P5008)

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, 14.78 ft above land-surface datum, May 5, 1988; lowest measured, 5.77 ft above land-surface datum, Aug. 13, 1987.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	10.50	FEB 25	10.70	MAY 5	14.78	AUG 4	7.85

342151088240401. Local number, D046. (USCE P5018)

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, 8.27 ft below land-surface datum, AUG. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	7.29	FEB 25	6.64	MAY 5	6.53	AUG 4	8.27

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	1.51	FEB 25	1.93	MAY 5	2.01	AUG 4	0.75

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	16.68	FEB 25	15.09	MAY 5	15.38	AUG 4	17.25

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

342301088230201. Local number, EU10. (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, 8.35 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	5.34	FEB 25	4.01	MAY 5	4.65	AUG 4	8.35

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	98.06	FEB 25	98.00	MAY 5	97.32	AUG 4	98.95

341610088264801. Local number, GU65. (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 ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	-0.95	MAR 2	0.07	MAY 10	0.71	AUG 10	0.48

341610088264802. Local number, GU66. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	18.51	MAR 2	16.94	MAY 10	17.88	AUG 10	19.49

ITAWAMBA COUNTY--Continued

341604088244601. Local number, GU67. (USCE GW106B)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	12.70	FEB 25	11.82	MAY 5	12.38	AUG 4	15.19

341604088244602. Local number, GU68. (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, 1.10 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	0.36	FEB 25	0.44	MAY 5	-0.22	AUG 4	-1.10

341621088255001. Local number, GU70. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	1.95	MAR 2	2.10	MAY 10	1.83	AUG 10	0.48

341627088250201. Local number, GU72. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	0.83	FEB 25	1.36	MAY 5	0.81	AUG 4	-0.48

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

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, 16.59 ft below land-surface datum, Feb. 25, 1988; lowest measured, 25.80 ft below land-surface datum, Mar. 5, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	18.69	FEB 25	16.59	MAY 5	17.55

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	15.70	FEB 25	14.72	MAY 5	14.84	AUG 4	17.45

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	6.39	MAR 2	0.23	MAY 10	1.21

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, 18.75 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	17.84	MAR 2	15.61	MAY 10	16.93	AUG 10	18.75

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	3.52	FEB 25	2.71	MAY 5	2.77	AUG 4	3.74

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	1.35	FEB 25	0.48	MAY 5	0.85	AUG 4	3.74

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, 5.54 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	4.50	MAR 2	3.20	MAY 10	3.84	AUG 10	5.54

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, 0.03 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	1.47	MAR 2	1.80	MAY 10	1.60	AUG 10	-0.03

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

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, 11.27 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	10.71	MAR 2	5.41	MAY 10	6.25	AUG 10	11.27

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	2.17	MAR 3	1.44	MAY 10	1.65	AUG 10	2.20

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, 12.89 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	9.98	FEB 25	6.18	MAY 5	7.11	AUG 4	12.89

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	10.53	MAR 2	8.75	MAY 10	8.69	AUG 10	11.20

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, 12.04 ft below land-surface datum, Dec. 8, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	12.04	MAR 2	5.34	MAY 10	11.86	AUG 15	11.39

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	7.50	FEB 25	8.40	MAY 5	9.29	AUG 9	6.95

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	16.71	FEB 25	14.63	MAY 11	15.64	AUG 9	18.49

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	26.92	FEB 25	24.74	MAY 11	24.99	AUG 9	27.97

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	-1.39	MAR 1	0.69	MAY 10	0.43	AUG 10	-4.91

341151088231301. Local number, L021. (USCE BF170-75)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	3.39	FEB 25	2.52	MAY 11	4.77	AUG 9	3.06

341233088234701. Local number, L022. (USCE BF173-75)

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 AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	1.18	FEB 25	3.10	MAY 11	2.85	AUG 9	-0.03

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	7.35	FEB 25	2.76	MAY 11	3.98	AUG 9	7.36

ITAWAMBA COUNTY--Continued

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, 10.80 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	8.93	FEB 25	6.35	MAY 11	7.51	AUG 9	10.80

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, 7.73 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	4.90	FEB 25	3.63	MAY 5	4.30	AUG 9	7.73

34142088241601. 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, 9.39 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 4	5.02	FEB 25	3.39	MAY 5	4.74	AUG 9	9.39

340544088255201. 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	12.70	MAR 2	11.55	MAY 10	11.51	AUG 10	15.27

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

ITAWAMBA COUNTY--Continued

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, 8.18 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	5.94	MAR 2	3.69	MAY 10	4.75	AUG 10	8.18

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, through current year.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	DRY	FEB 25	DRY	MAY 11	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, 21.93 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	21.93	FEB 25	21.10	MAY 11	20.81	AUG 9	21.60

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, 15.95 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	15.95	FEB 25	11.64	MAY 11	13.16	AUG 9	14.98

ITAWAMBA COUNTY--Continued

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, 7.71 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	7.15	MAR 1	3.45	MAY 10	4.02	AUG 10	7.71

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, 8.13 ft below land-surface datum, Aug. 10, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	7.84	MAR 2	2.11	MAY 10	2.77	AUG 10	8.13

MONROE COUNTY

332900088313601. Local number, 8068. (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, 16.28 ft below land-surface datum, Feb 26, 1988; lowest measured, 18.27 ft below land-surface datum, Aug. 27, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	17.02	FEB 26	16.28	MAY 12	17.18	AUG 11	17.30

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	1.27	FEB 26	2.35	MAY 10	2.38	AUG 11	0.63

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	3.40	FEB 26	3.10	MAY 10	3.51	AUG 11	3.33

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	-2.54	FEB 26	0.07	MAY 10	-0.59	AUG 11	-5.05

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 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 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	1.51	FEB 26	1.26	MAY 10	1.74	AUG 11	5.05

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	9.55	FEB 26	7.18	MAY 11	8.66	AUG 11	10.63

MONROE COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	0.59	FEB 26	0.65	MAY 11	0.69	AUG 11	0.39

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, 10.17 ft below land-surface datum, Sept. 24, 1975.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	3.50	FEB 27	3.04	MAY 11	3.03	AUG 11	3.82

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, 5.73 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	3.40	MAR 1	2.09	MAY 11	2.41	AUG 11	5.73

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	8.31	MAR 1	3.32	MAY 11	3.60	AUG 11	7.40

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

340149088292202. Local number, C069. (USCE 918)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	10.83	MAR 1	9.03	MAY 11	7.29	AUG 11	10.55

340018088270702. Local number, C070. (USCE 968)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	7.43	FEB 26	3.94	MAY 11	6.42	AUG 11	10.41

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	13.38	FEB 26	11.99	MAY 12	11.09	AUG 11	13.12

335902088314502. Local number, C081. (USCE TTM6B)

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, 13.05 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	13.05	FEB 26	11.34	MAY 12	10.86	AUG 11	12.86

MONROE COUNTY--Continued

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 FOR PERIOD OF RECORD.--Highest water level measured, 0.51 ft above land-surface datum, Mar. 4, 1987; lowest measured, dry, Aug. 11, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	-0.70	MAR 1	0.35	MAY 10	0.35	AUG 11	DRY

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, 2.54 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	-0.70	MAR 1	0.78	MAY 10	0.66	AUG 11	-2.54

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, 2.41 ft below land-surface datum Aug. 11, 1986.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	-0.55	MAR 1	1.65	MAY 11	0.87	AUG 11	-2.41

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, dry, Aug. 11, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	0.59	MAR 1	-0.14	MAY 11	0.40	AUG 11	DRY

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

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, 6.60 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	5.12	MAR 1	1.03	MAY 11	1.40	AUG 11	6.60

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, dry, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	0.88	MAR 1	0.00	MAY 11	0.07	AUG 11	DRY

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 6.42 ft below land-surface datum, Feb. 26, 1988; lowest measured, 19.82 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	7.00	FEB 26	6.42	MAY 12	7.04	AUG 11	7.35

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, 11.16 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	9.66	FEB 26	2.26	MAY 11	4.65	AUG 11	11.16

MONROE COUNTY--Continued

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, 5.57 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	2.87	FEB 26	0.44	MAY 11	1.86	AUG 11	5.57

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, 9.54 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	6.63	FEB 26	3.16	MAY 11	5.52	AUG 11	9.54

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, 10.33 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	10.18	FEB 26	2.84	MAY 11	4.78	AUG 11	10.33

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, 2.96 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	1.72	FEB 26	1.44	MAY 11	1.80	AUG 11	2.96

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

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, 10.52 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	9.72	FEB 26	1.73	MAY 11	5.24	AUG 11	10.52

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, 14.74 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	14.74	FEB 26	11.93	MAY 11	12.05	AUG 11	13.86

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, 8.73 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 8	7.98	MAR 1	2.34	MAY 11	3.33	AUG 11	8.73

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, 13.13 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	11.14	FEB 26	3.99	MAY 11	6.71	AUG 11	13.13

MONROE COUNTY--Continued

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, 14.08 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	14.08	FEB 26	10.64	MAY 11	11.70	AUG 11	13.55

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, 25.72 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	25.09	FEB 26	24.37	MAY 11	24.17	AUG 11	25.72

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, 25.48 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 97	24.94	FEB 26	24.24	MAY 11	24.04	AUG 11	25.48

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, 23.41 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	21.71	FEB 26	21.80	MAY 11	21.38	AUG 11	23.41

MONROE COUNTY--Continued

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, 22.66 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	22.33	FEB 26	21.30	MAY 11	21.95	AUG 11	22.66

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, 38.88 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	36.54	FEB 26	36.40	MAY 11	36.20	AUG 11	38.88

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, 13.51 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	12.28	FEB 26	6.37	MAY 11	8.24	AUG 11	13.51

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, 9.04 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	7.12	FEB 26	6.70	MAY 11	6.33	AUG 11	9.04

MONROE COUNTY--Continued

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, 12.09 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	11.90	FEB 26	9.25	MAY 11	9.47	AUG 11	12.09

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, 4.44 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	3.94	FEB 26	3.43	MAY 11	3.41	AUG 11	4.44

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, 9.09 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	8.44	FEB 25	1.20	MAY 11	3.73	AUG 9	9.09

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, 18.86 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	17.58	FEB 26	16.18	MAY 11	16.32	AUG 11	18.86

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

340408088240602. Local number, D034. (USCE GW938)

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, 18.56 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	17.30	FEB 26	15.90	MAY 11	16.05	AUG 11	18.56

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, 7.98 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	5.83	FEB 26	2.82	MAY 11	5.13	AUG 11	7.98

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, 4.59 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	2.67	FEB 25	2.72	MAY 11	3.34	AUG 9	4.59

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, 13.43 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	13.20	FEB 26	11.87	MAY 12	12.24	AUG 11	13.43

MONROE COUNTY--Continued

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, 15.94 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	15.94	FEB 26	14.28	MAY 12	15.15	AUG 11	15.79

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, 7.13 ft below land-surface datum, Dec. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	7.13	MAR 1	3.14	MAY 12	3.21	AUG 11	6.93

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, 12.74 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	12.31	MAR 1	9.43	MAY 12	9.65	AUG 11	12.74

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, 6.05 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	4.64	MAR 1	2.33	MAY 12	3.66	AUG 11	6.05

MONROE COUNTY--Continued

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 south-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 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, 4.78 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	3.51	MAR 1	1.73	MAY 12	2.69	AUG 11	4.78

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, 13.77 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	13.77	MAR 1	11.65	MAY 12	11.76	AUG 11	13.44

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, 12.86 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	12.86	FEB 26	11.19	MAY 12	11.66	AUG 11	12.78

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, 7.40 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	6.81	MAR 1	2.32	MAY 12	3.68	AUG 11	7.40

MONROE COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	10.73	MAR 1	7.97	MAY 12	8.40	AUG 11	10.35

335122048293001. 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, 15.52 ft, May 12, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	14.17	MAR 1	10.84	MAY 12	15.52	AUG 11	14.23

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	24.15	MAR 1	23.40	MAY 12	21.95	AUG 11	24.30

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.20	MAR 1	2.67	MAY 12	3.19	AUG 11	6.08

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.20	MAR 1	1.78	MAY 12	2.68	AUG 11	6.07

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.15	MAR 1	2.38	MAY 12	2.64	AUG 11	6.50

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.66	MAR 1	2.79	MAY 12	3.23	AUG 11	6.09

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	12.99	MAR 1	12.44	MAY 12	9.09	AUG 11	12.48

MONROE COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	24.82	MAR 1	24.92	MAY 12	25.14	AUG 12	25.26

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	42.95	MAR 1	41.81	MAY 12	56.18	AUG 12	41.80

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	41.62	MAR 1	43.00	MAY 12	45.48	AUG 11	41.30

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	32.10	MAR 1	31.94	MAY 12	32.34	AUG 12	31.77

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

MONROE COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	28.36	MAR 1	27.90	MAY 12	28.54	AUG 12	27.60

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, 30.93 ft below land-surface datum, May 12, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	29.84	MAR 1	29.30	MAY 12	30.93	AUG 12	30.06

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, 5.37 ft below land-surface datum, Dec. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.37	MAR 1	2.92	MAY 12	2.28	AUG 11	5.01

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, 23.93 ft below land-surface datum, Dec. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	23.93	MAR 1	23.48	MAY 12	23.48	AUG 12	24.01

MONROE COUNTY--Continued

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, 19857
lowest measured, 24.45 ft below land-surface datum, Aug. 12, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	24.15	MAR 1	23.44	MAY 12	24.30	AUG 12	23.12

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, 7.15 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.98	MAR 1	2.24	MAY 12	3.52	AUG 11	7.15

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, 5.48 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	5.35	MAR 1	2.35	MAY 12	3.38	AUG 11	5.48

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, 15.37 ft below land-surface datum, Dec. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	15.37	MAR 1	14.03	MAY 12	13.31	AUG 11	15.32

MONROE COUNTY--Continued

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, 8.01 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	7.30	MAR 1	2.15	MAY 12	3.69	AUG 11	8.01

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, 4.81 ft below land-surface datum, Aug. 12, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	0.83	MAR 1	2.26	MAY 12	3.67	AUG 12	4.81

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, 11.15 ft below land-surface datum, Dec. 10, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	11.15	MAR 1	9.97	MAY 12	9.17	AUG 12	10.69

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	75.04	FEB 23	75.00	MAY 3	73.80	AUG 2	74.87

PRENTISS COUNTY--Continued

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, 96.59 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	96.32	FEB 23	95.97	MAY 3	95.84	AUG 2	96.59

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, 40.17 ft below land-surface datum, Aug. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	40.04	FEB 23	39.27	MAY 3	38.93	AUG 2	40.17

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, 40.61 ft below land-surface datum, Dec. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	40.61	FEB 23	39.81	MAY 12	39.58

344456088224901. Local number, D036. (USCE W1-1)

LOCATION.--Lat 34°44'56", long 88°22'49", Hydrologic Unit 0603005, 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, 187.69 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	186.35	FEB 23	186.39	MAY 3	185.72	AUG 2	187.69

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

PRENTISS COUNTY--Continued

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, 186.54 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	185.68	FEB 23	185.85	MAY 3	185.01	AUG 2	186.54

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, 79.43 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 9	79.43	FEB 23	79.19	MAY 3	77.60	AUG 2	78.77

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, 82.61 ft below land-surface datum, Dec. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	82.61	FEB 23	82.40	MAY 3	80.80	AUG 2	82.06

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	43.61	FEB 23	43.40	MAY 3	43.55	AUG 2	43.55

PRENTISS COUNTY--Continued

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	64.46	FEB 23	63.28	MAY 3	63.44	AUG 2	64.75

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 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	64.55	FEB 23	63.07	MAY 3	63.50	AUG 2	64.87

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, 57.33 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	56.91	FEB 23	56.57	MAY 3	56.60	AUG 2	57.33

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, 43.37 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	42.96	FEB 23	42.65	MAY 3	42.54	AUG 2	43.37

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	2.74	FEB 24	0.48	MAY 5	1.84	AUG 9	6.00

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	28.86	FEB 24	29.25	MAY 5	28.99	AUG 9	29.32

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	45.54	FEB 24	46.02	MAY 5	45.82	AUG 9	46.06

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	7.24	FEB 24	4.87	MAY 5	5.61	AUG 9	8.04

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, 35.41 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	33.84	FEB 24	31.84	MAY 5	32.62	AUG 9	35.41

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, 157.72 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	156.79	FEB 24	156.75	MAY 5	156.76	AUG 9	157.72

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	76.35	FEB 24	76.80	MAY 5	76.60	AUG 9	77.13

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
DEC 3	47.51

PRENTISS COUNTY--Continued

343150088205801. Local number, MU26. (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 Baldwin.

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.

Note: No measurements made in 1988 (obstruction).

343150088205802. Local number, MU27. (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 Baldwin.

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 to 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	21.22	FEB 24	20.96	MAY 5	20.92	AUG 9	21.86

342838088215001. Local number, MU28. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	7.61	FEB 24	2.47	MAY 5	3.51	AUG 9	9.61

342851088233501. Local number, MU30. (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, 8.27 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	7.29	FEB 24	4.31	MAY 5	5.19	AUG 9	8.27

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, 14.32 ft below land-surface datum, Aug. 4, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	14.18	FEB 25	11.62	MAY 5	12.51	AUG 4	14.32

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, 33.94 ft below land-surface datum, Aug. 9, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	33.71	FEB 24	32.37	MAY 5	32.37	AUG 9	33.94

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, 15.85 ft below land-surface datum, May 3, 1988; lowest measured, 20.05 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	19.75	FEB 23	19.37	MAY 3	15.85	AUG 2	16.60

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, 59.15 ft below land-surface datum, Apr. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	59.09	FEB 23	59.18	MAY 3	58.80	AUG 2	59.15

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, 59.05 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	59.00	FEB 23	59.08	MAY 3	58.730	AUG 2	59.05

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	69.30	FEB 23	69.77	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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	65.42	FEB 23	65.70	MAY 3	63.39	AUG 2	63.48

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	57.81	FEB 23	59.45	MAY 3	57.58	AUG 2	57.80

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. (Discontinued).

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, 44.93 ft below land-surface datum, Aug. 4, 1988; lowest measured, 50.02 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	48.67	MAR 3	48.88	MAY 4	45.13	AUG 4	44.93

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	44.29	MAR 3	44.57	MAY 4	43.11	AUG 4	42.49

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, 120.52 ft below land-surface datum, May 12, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL
FEB 23	117.04

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	92.99	FEB 3	92.99	MAY 3	93.00	AUG 2	92.87

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, 30.00 ft below land-surface datum, Dec. 2, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	30.00	MAR 3	29.81	MAY 4	27.63	AUG 4	30.00

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, 31.30 ft below land-surface datum, Aug. 4, 1988; lowest measured, 34.51 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	34.29	MAR 3	34.50	MAY 4	31.55	AUG 4	31.30

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, 23.94 ft below land-surface datum, May 4, 1988; lowest measured, 29.86 ft below land-surface datum, Feb. 21, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	27.36	MAR 3	27.28	MAY 4	23.94	AUG 4	24.20

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	24.73	MAR 3	25.25	MAY 4	22.27	AUG 4	22.73

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	61.74	FEB 23	61.57	MAY 3	59.97	AUG 2	61.12

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, 54.07 ft below land-surface datum, Dec. 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	54.07	FEB 23	53.89	MAY 3	53.26	AUG 2	53.96

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, 26.98 ft below land-surface datum, Dec. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	26.98	FEB 23	26.10	MAY 3	24.65	AUG 2	26.00

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 U6030005, 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, 36.03 ft below land-surface datum, Dec. 1, 1987; lowest measured, 39.14 ft below land-surface datum, Dec. 9, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	36.03	FEB 23	38.35	MAY 3	37.30	AUG 2	38.64

345033088191103. Local number, D069. (USCE 2MW8)

LOCATION.--Lat 34°50'33", long 88°19'11", Hydrologic Unit U6030005, 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, 41.24 ft below land-surface datum, Dec. 1, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	41.24	FEB 23	40.64	MAY 3	39.38	AUG 2	40.70

344634088173201. Local number, E014. (USCE 15A)

LOCATION.--Lat 34°46'34", long 88°17'32", Hydrologic Unit U6030005, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	100.43	FEB 24	100.15	MAY 4	98.39	AUG 3	99.18

344634088173202. Local number, E015. (USCE 15B)

LOCATION.--Lat 34°46'34", long 88°17'32", Hydrologic Unit U6030005, 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	67.13	FEB 24	66.87	MAY 4	66.12	AUG 3	67.09

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	57.80	FEB 24	57.40	MAY 4	57.93	AUG 3	58.10

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, 66.69 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	66.25	FEB 24	59.91	MAY 4	65.84	AUG 3	66.69

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, 120.55 ft below land-surface datum, Dec. 2, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	120.55	FEB 24	119.86	MAY 4	119.00	AUG 3	120.13

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, 35.64 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	34.17	FEB 24	33.86	MAY 4	34.14	AUG 3	35.64

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	29.75	FEB 24	29.09	MAY 4	29.20	AUG 3	30.67

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, 83.92 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	83.85	FEB 24	83.19	MAY 4	83.12	AUG 3	83.92

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, 84.15 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	83.93	FEB 24	83.34	MAY 4	82.67	AUG 3	84.15

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, 0.01 ft below land-surface datum, May 4, 1988; lowest measured, 3.37 ft below land-surface datum, Feb. 24, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	0.88	FEB 24	3.37	MAY 4	0.01	AUG 3	1.53

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, 1.04 ft below land-surface datum, May 4, 1988.

WATER LEVEL, IN FEET ABOVE AND BELOW (-) LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	0.07	FEB 24	0.60	MAY 4	-1.04	AUG 2	-0.47

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	39.73	FEB 23	39.70	MAY 3	38.87	AUG 2	39.09

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	39.66	FEB 23	39.78	MAY 3	38.74	AUG 2	38.99

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 23	106.30	MAY 3	106.35	AUG 2	112.29

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344155088194802. Local number, GU05. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	101.76	FEB 3	99.68	MAY 3	99.33	AUG 2	101.37

344110088151002. Local number, GU13. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	119.19	FEB 24	119.17	MAY 4	119.80	AUG 3	120.65

344110088151003. Local number, GU14. (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, 102.77 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	102.41	FEB 24	102.23	MAY 4	101.95	AUG 3	102.77

344253088162802. Local number, GU15. (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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	118.24	FEB 24	118.40	MAY 4	117.97	AUG 3	118.59

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	108.25	FEB 24	107.30	MAY 4	108.45	AUG 3	110.25

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	53.30	FEB 24	52.56	MAY 4	52.30	AUG 3	53.51

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	45.93	FEB 24	45.18	MAY 4	45.12	AUG 3	46.66

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	44.50	FEB 24	43.73	MAY 4	43.50	AUG 3	45.10

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	165.00	MAR 3	163.17	MAY 4	162.43	AUG 3	162.16

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	172.33	MAR 3	169.42	MAY 4	170.20	AUG 3	170.04

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 Gordo Formation 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	162.78	MAR 3	162.70	MAY 4	159.81	AUG 3	158.76

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	80.07	MAR 3	80.18	MAY 4	80.16	AUG 3	80.24

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	184.33	FEB 23	184.38	MAY 3	183.80	AUG 2	184.19

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	175.41	FEB 23	175.53	MAY 3	175.46	AUG 2	175.82

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, 165.10 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	162.08	MAR 3	162.10	MAY 4	163.09	AUG 3	165.10

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	145.37	MAR 3	145.48	MAY 4	143.26	AUG 3	143.25

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 Lebanon 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 1988 (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, 0.96 ft above land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET ABOVE LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	1.42	FEB 24	1.86	MAY 4	2.04	AUG 3	0.96

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	3.56	FEB 24	4.00	MAY 4	4.05	AUG 3	3.17

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, 52.10 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	51.85	FEB 24	50.70	MAY 4	50.82	AUG 3	52.10

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, 43.53 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	43.32	FEB 24	42.34	MAY 4	42.15	AUG 3	43.53

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, 28.24 ft below land-surface datum, May 4, 1988; lowest measured, 30.82 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	29.34	FEB 24	28.56	MAY 4	28.24	AUG 3	30.82

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, 12.69 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	11.84	FEB 24	10.67	MAY 4	11.01	AUG 3	12.69

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	16.01	FEB 24	14.28	MAY 4	14.40	AUG 3	16.30

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	57.48	FEB 24	56.78	MAY 4	56.60	AUG 3	57.68

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, 46.34 ft below land-surface datum, Dec. 10, 1986 and Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	46.25	FEB 24	45.58	MAY 4	45.44	AUG 3	46.34

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	64.93	FEB 24	64.79	MAY 4	65.34	AUG 3	65.61

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, 50.24 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	49.83	FEB 24	50.19	MAY 4	49.80	AUG 3	50.24

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, 86.04 ft below land-surface datum, May 4, 1988; lowest measured, 92.89 ft below land-surface datum, Mar. 8, 1985.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	90.02	MAR 3	90.22	MAY 4	86.04	AUG 3	86.40

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	93.17	MAR 3	93.38	MAY 4	89.22	AUG 3	89.00

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	52.73	MAR 3	52.58	MAY 4	51.49	AUG 3	51.62

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	46.85	MAR 3	45.99	MAY 4	45.91	AUG 3	46.17

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, 130.67 ft below land-surface datum, Mar. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	128.37	MAR 3	130.67	MAY 4	130.52	AUG 3	129.29

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	91.53	MAR 3	91.82	MAY 4	91.85	AUG 3	91.98

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	64.00	FEB 24	63.31	MAY 4	62.79	AUG 3	63.35

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	102.18	FEB 24	102.25	MAY 4	101.40	AUG 3	101.69

TISHOMINGO COUNTY--Continued

344053088161203. Local number, J014. (USCE 34B)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	76.44	FEB 24	76.61	MAY 4	76.19	AUG 3	76.99

344041088164402. Local number, J016. (USCE 33B)

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	60.74	FEB 24	60.34	MAY 4	59.52	AUG 3	60.75

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	65.52	FEB 24	65.45	MAY 4	64.66	AUG 3	65.14

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	36.23	FEB 23	36.15	MAY 3	35.89	AUG 2	36.35

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

TISHOMINGO COUNTY--Continued

344017088180403. Local number, J019. (USCE 31B)

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, 14.02 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	13.66	FEB 23	13.17	MAY 3	12.85	AUG 1	14.02

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	86.20	FEB 23	86.20	MAY 3	85.40	AUG 2	85.70

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, 76.30 ft below land-surface datum, Feb. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	75.98	FEB 3	76.30	MAY 3	76.07	AUG 2	76.27

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, 90.96 ft below land-surface datum, Feb. 3, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	89.74	FEB 23	90.96	MAY 3	89.75	AUG 2	90.52

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 1987 TO SEPTEMBER 1988

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 1987 TO SEPTEMBER 1988

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 1987 TO SEPTEMBER 1988

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 1987 TO SEPTEMBER 1988

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

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, 105.19 ft below land-surface datum, Aug. 2, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 1	104.69	FEB 23	104.42	MAY 3	104.27	AUG 2	105.19

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	6.56	MAR 3	6.53	MAY 4	7.08	AUG 3	6.80

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, 16.97 ft below land-surface datum, Dec. 2, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	16.97	MAR 3	16.82	MAY 4	14.33	AUG 3	14.43

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, 59.58 ft below land-surface datum, Aug. 3, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	59.29	FEB 24	59.27	MAY 4	59.04	AUG 3	59.58

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, 66.90 ft below land-surface datum, Dec. 10, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 2	66.16	FEB 24	66.34	MAY 4	66.44	AUG 3	66.90

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	0.14	FEB 25	-0.10	MAY 5	-1.01	AUG 4	-1.82

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	22.13	FEB 25	21.53	MAY 5	21.80	AUG 4	22.74

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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	56.82	FEB 24	56.98	MAY 5	56.89	AUG 4	57.30

GROUND-WATER LEVELS IN THE TENNESSEE-TOMBIGBEE STUDY AREA

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, 0.24 ft above land-surface datum, Dec. 3, 1987; 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 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	0.24	FEB 25	-0.25	MAY 5	-1.78	AUG 4	-2.43

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	0.40	FEB 25	0.94	MAY 5	1.95	AUG 4	2.15

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, 11.92 ft below land-surface datum, Dec. 3, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 3	11.92	FEB 25	3.18	MAY 5	6.92	AUG 4	10.71

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
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
CALHOUN COUNTY

340121089212801 - C024 MT COMFORT W A

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	MERCL TOT/ RECC ERAE (UG/ AS F)
OCT 26...	1620	211GORD	26	0.10	1925.00	395	10	150	910	7.70	33.5	<0.

HARRISON COUNTY

303405089074601 - C287 US FOREST SERVICE

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)
MAY 27...	1100	122PCGL	5	4.00	-9.70	875.00	50.0	7200	15
DATE		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)
MAY 27...		310	8.80	25.0	<5	0.20	<0.10	66	0.20
DATE		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)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
MAY 27...	128		12	3.1	0.30	21	187	30	<10

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

HARRISON COUNTY--Continued

302447089165201 - J211 GW BYRNE

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
MAR 17...	1000	122MOCN	31	4.00	-10.70	2413.00	80.0	10080	80	625
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)
MAR 17...	8.70	34.5	5	9	3.0	0.30	140	97	22	1.3
DATE	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)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
MAR 17...	187	2.9	90	0.30	21	375	371	40	20	

302342088563003 - M004 BILOXI

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 25...	1500	122PCGL	27	8.00	1200.00	10.0	1440
DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	
JUL 25...	450	550	9.00	30.5	10	48	

302338088535401 - M008 BUENA VISTA

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 27...	1345	122PCGL	5	8.00	1243.00	15.0	1440
DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	
JUL 27...	50	1400	7.10	30.0	10	300	

QUALITY OF GROUND WATER
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 HARRISON COUNTY--Continued

302332088520402 - M091 INTERNATIONAL SEAFOOD

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 26...	1630	121GRMF	27	8.00	560.00	20.0	60
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUL 26...	85	285	8.70	27.5	<5	14	

302410088533601 - M115 BILOXI

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 25...	1545	122POGL	27	8.00	1226.00	32.0	120
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUL 25...	900	900	8.50	30.0	20	150	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

HARRISON COUNTY--Continued

302406088513801 - M135 DEJEAN PACKING

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	0945	122PCGL	27	8.00	1004.00	10.0	1440
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	250		450	8.90	28.0	5	26

302318088513601 - M147 MASTAR PACKING

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	1140	122PCGL	27	8.00	945.00	10.0	60
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	500		625	9.00	29.0	10	54

302515088580101 - M408 WESTWICK UTIL

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 29...	0900	122PCGL	27	4.00	1037.00	10.0	1000	8.80	29.0	5	180

302347088513601 - M494 SEA PRODUCTS INC

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	0900	122PCGL	27	8.00	971.00	10.0	120
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	137		500	8.50	27.0	5	49

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
HARRISON COUNTY--Continued

302505088544401 - M515 SHEPPER SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	1500	122PCGL	28	8.00	926.00	10.0	60

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	150	538	8.90	32.5	5	47

302328088514001 - M566 BEACHVIEW

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHL (RIDE DIS-SOLV (MG, AS (
JUL 26...	1020	122PCGL	27	8.00	978.00	5.0	30	810	7.00	25.0	<5	220

302334088521401 - M671 SUAREZ SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	1430	122PCGL	27	8.00	885.00	7.0	30

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	380	610	9.20	29.5	5	49

302400088523601 - M679 L D GOLLOTT

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 27...	0900	122PCGL	27	8.00	960.00	15.0	1440

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	80	455	9.20	28.0	<5	25

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

HARRISON COUNTY--Continued

302441088525801 - M694 GOLLOTT SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	1345	122PCGL	27	8.00	910.00	10.0	60

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	400	550	8.80	31.5	5	47

302812088592101 - M711 JOHN SHERMAN

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	1540	122PCGL	5	4.00	1493.00	50.0	1440	10	1300	20	230

302346088513601 - M712 W. BROS SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 26...	1525	122PCGL	27	8.00	900.00	4.0	90

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	350	510	9.00	27.5	<5	40

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

HARRISON COUNTY--Continued

302346088513701 - M715 SEA PRODS

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
MAR 17...	1500	121CRNL	31	8.00	130.00	12.0	1440	105	230
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO
MAR 17...	6.60	23.0	5	7	1.4	0.90	47	91	8
DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
MAR 17...	2.4	95	<0.10	11	0.20	48	175	110	20

302329088520301 - M719 BILOXI SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	1100	122PCGL	27	8.00	4.0	240	560	9.10	28.0	<5	58	

302439088531501 - M720 LECKICH FAYARD

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	1200	122PCGL	27	8.00	902.00	7.0	10	680	9.20	30.5	5	78

302522088532501 - M721 C F GOLLOTT

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	1130	122PCGL	27	8.00	860.00	6.0	1440	570	9.00	30.5	5	49

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

HARRISON COUNTY--Continued

302439088531301 - M722 DELS SEAWAY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	1220	122PCGL	27	8.00	1240.00	7.0	10	670	9.10	5	66

302442088525601 - M723 LESSO SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	0945	122PCGL	27	8.00	920.00	5.0	15	480	8.40	30.0	<5	37

302407088520201 - M724 CAPN ED SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	1550	122PCGL	27	8.00	980.00	9.0	20	595	9.00	28.5	5	63

302527088531101 - M725 FOURNIER SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	1025	122PCGL	28	8.00	860.00	5.0	240	650	9.00	29.0	10	63

302532088531901 - M726 PAUL SEYMOUR

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	1100	111ALVM	27	8.00	40.00	11.0	10	275	6.40	23.5	<5	42

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
HUMPHREYS COUNTY

330805090205501 - G061 BERNARD JONES

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)
JUN 09...	0939	124MUWX	1	4.00	-53.80	1520.00	115	420	8.60
DATE	TEMPER-ATUE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)
JUN 09...	27.0	20	3	0.80	0.20	110	98	30	0.80
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 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)
JUN 09...	234	0.10	2.5	<0.10	15	270	270	140	<10

JACKSON COUNTY

303912088322201 - C015 W S LOWERY

DATE	TIME	GEO-LOGIC UNIT	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-ATUE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 12...	1555	122PCGL	1	4.00	573.00	50.0	774	9.00	24.0	60	22

303930088301501 - D052 JACKSON CO SCH

DATE	TIME	GEO-LOGIC UNIT	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-ATUE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1525	122PCGL	1	8.00	418.00	85.0	15	450	8.10	25.0	20	12

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

303930088310501 - D062 JACKSON CO SCH

DATE	TIME	GEO-LOGIC UNIT	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)
SEP 01...	1545	122PCGL	1	8.00	407.00	84.0	15	350	8.40
DATE	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	HARD- NESS TOTAL (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)	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	
SEP 01...	25.5	10	35	12	1.2	74	81	6	1.6
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)	SOL IDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
SEP 01...	157	6.2	8.7	0.40	37	226	235	70	130

303637088335601 - G012 C O ROCKWELL

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBAL T UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1820	122PCGL	1	8.00	810.00	50.0	10	650	8.80	25.0	40	19

303630088335901 - G032 CALVIN PIERCE

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBAL T UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1110	122PCGL	27	8.00	729.00	20.0	10	720	8.90	25.5	30	20

303630088335902 - G033 FRANK INGRAM

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBAL T UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1750	122PCGL	1	8.00	808.00	10.0	15	650	8.80	25.5	40	15

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

303730088334501 - G055 ERNEST HARVARD

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF 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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1504	122PCGL	1	4.00	-28.54	830.00	50.0	650	9.00	24.0	40	15

303557088341501 - G068 L CUMBEST

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1710	122PCGL	28	4.00	702.00	40.0	700	9.00	24.5	40	17

303703088340001 - G073 CLARENCE FOSTER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1910	122PCGL	1	8.00	802.00	15.0	20	710	8.80	24.5	50	19

303658088333401 - G078 JIM BROWN

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1555	122PCGL	1	4.00	903.00	40.0	700	9.00	28.0	30	15

303838088360501 - G087 BENNIE LASSITER

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1850	122PCGL	1	8.00	848.00	30	750	8.70	26.0	40	80

303833088351701 - G105 GREG CUMBEST

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF 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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1745	122PCGL	-6.93	960.00	14.0	700	8.90	25.0	30	14

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

303618088332801 - G109 BARRY CUMBEST

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1200	122PCGL	27	8.00	350.00	48.0	10	675	8.80	23.0	30	14

303622088333301 - G111 LUM CUMBEST

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1125	111ALVM	1	8.00	80.00	46.0	5	90	4.90	24.0	<5	18

303615088334801 - G112 BRENT CUMBEST

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1645	111ALVM	1	8.00	60.00	45.0	15					
DATE				FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)			
SEP 14...			12	30	6.00	20.5	<5	5.1				

303601088334701 - G113 GERALD R CUMBEST

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1720	111ALVM	1	8.00	45.00	45.0	5	26	6.10	24.5	<5	5.2

303607088263601 - H029 ED RAY WILSON

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1015	122PCGL	1	4.00	-10.60	599.00	30.0	1020	8.80	25.0	70	190

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

303838088260201 - H045 DAVID WEST

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1320	122PCGL	28	8.00	470.00	23.0	10	750	9.00	23.5	40	21

303457088273001 - H046 ALBERT GREENOUGH

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW 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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	1055	122PCGL	1	4.00	-6.90	440.00	31.0	1010	8.80	23.0	70	120

303610088264401 - H051 J W BELL

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 14...	0940	121GRMF		215.00	25.0		10	600	9.00	22.0	50	15

303141088445901 - J013 WILEY MCLAIN

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1345	122PCGL		8.00	1100.00	65.0	5	660	8.80	28.0	30	76

303048088500501 - J018 ANDY PAGE

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1220	122PCGL	27	8.00	1300.00	50.0	10	200	7.20	27.0	5	5.9

302859088510701 - J038 J R CONWAY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1245	122PCGL	1	8.00	1102.00	55.0	10	700	8.60	26.0	30	58

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302852088504301 - J153 JIM PARKER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	0910	122PCGL	1	8.00	1075.00	50.0	5	1150	8.50	26.5	30	230

302918088392801 - K043 ANDRE DAVIS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 15...	1310	122PCGL	1	4.00	1333.00	20.0	900	8.70	40	120

302927088400001 - K069 CLEARWATER CAMP

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1745	122PCGL	1	4.00	1346.00	15.0	880	8.50	10	130

302915088401001 - K124 W MANSFIELD

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1700	122PCGL	27	8.00	1055.00	10	700	8.90	26.5	60	29

302957088444401 - K137 A K PETERSON

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 15...	1415	122PCGL	1	4.00	-39.27	1346.00	17.0	600	8.90	20	22

302957088382501 - K148 MIKE YOUNG

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1630	122PCGL	27	4.00	1340.00	20.0	590	8.90	28.0	20	23

QUALITY OF GROUND WATER
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 JACKSON COUNTY--Continued

302913088392701 - K160 W A WILBY

DATE	TIME	GEO-LOGIC UNIT	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)
AUG 30...	1820	121CRNL	1	8.00	130.00	25.0	5	540	8.40	23.0	41

303114088331201 - L009 JACK HUDSON

DATE	TIME	GEO-LOGIC UNIT	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)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 07...	1530	122PCGL	28	4.00	-9.70	957.00	10.0						
JUL 07...			2.0	1020	8.80	28.0	160	31					

302936088331601 - L032 ESCATAWPA UTIL DIST

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	1650	121GRMF	1	245.00	10.0	120	205	673	8.70	22.5	20	55

303326088321901 - L078 W D LOFTON

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 15...	0948	122PCGL	28	4.00	1081.00	30.0	900	8.80	70	22	

303240088325101 - L121 JUSTIN A STONE

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 15...	1105	122PCGL	1162.00	25.0	10	1010	8.70	70	54	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

303039088330101 - L126 TEST WELL

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF SURFACE DATUM (FT. ABOVE NGVD)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
JAN 09...	1500	122MOCN	1	8.00	-51.00	1410.00	18.0	420	88	3500
DATE		PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM AD-SORP-TION RATIO	
JAN 09...		8.40	32.0	40	36	9.9	2.8	700	97	52
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 SIO2)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
JAN 09...		5.6	296	<0.10	920	1.1	16	1890	240	40

302856088250001 - M025 MRS HOLLIS ELDER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 13...	1040	121GRMF	4	1.00	352.00	20.0	1330	8.80	23.5	100	160

302838088242901 - M061 T E PATTERSON

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 29...	1620	122PCGL	1	4.00	433.00	10.0	10	1500	8.60	25.0	100	220

302855088240001 - M074 RANDOLPH COOPER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 29...	1715	122PCGL	1	4.00	399.00	10.0	1550	8.50	25.0	80	260

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

303338088305901 - M088 LEON HOLLEWAY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 13...	0840	122PCGL	1	4.00	442.00	10.0	1600	8.70	23.5	100	230

302900088253001 - M109 DAVID DOHERTY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 13...	0945	122PCGL	1	4.00	-13.86	383.00	12.0	848	8.80	21.5	70	90

302950088310601 - M112 WALTER ROBERTS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1115	122PCGL	1	8.00	726.00	15.0	5	1000	8.80	27.5	60	40

303104088270001 - M154 CLARENCE FURBY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1700	122PCGL	27	8.00	814.00	10.0	10	1550	8.50	27.5	120	190

302830088270301 - M163 SYLVIA CRONIER

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 07...	1400	122PCGL	1	4.00	-21.70	1059.00	10.0

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 07...	5.0	1450	8.80	200	97

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

303202088312301 - M165 KENNETH CLARKE

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 07...	1500	122PCGL	1	4.00	-21.70	1163.00	30.0

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 07...	5.0	1000	8.90	26.5	80	64

303143088282701 - M190 JIM CLARK

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 13...	1600	122PCGL	1	4.00	-1.28	742.00	1510	8.80	30	300

303005088303001 - M214 P D BAUGH

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 13...	1205	122PCGL	28	8.00	322.00	20	1460	7.80	22.0	60	260

303233088270201 - M232 C J MAY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1635	122PCGL	1	8.00	600.00	30.0	10	1450	8.40	27.5	80	130

302859088240801 - M234 JAMES I POOLE

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 13...	1115	121GRMF	1	4.00	-11.55	398.00	13.0	1310	8.50	21.5	70	210

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302843088245801 - M239 JOHN MORIE JR

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 29...	1600	121GRMF	1	8.00	435.00	13.0	10	1500	8.50	25.5	100	180

303202088313001 - M250 MILTON BULLOCK

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1040	122PCGL	1	8.00	572.00	35.0	5	810	8.90	23.5	30	18

303152088314801 - M256 DAVID BULLOCK

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1800	122PCGL	1	8.00	1178.00	33.0	15	1000	8.80	80	42

303412088250901 - M257 HOLLIS ELDER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 29...	1630	122PCGL	5	4.00	424.00	25.0	1630	8.70	25.5	100	240

303054088234301 - M258 MIKE HAMILTON

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1315	122PCGL	1	8.00	345.00	18.0	5	1150	7.40	22.0	40	190

303158088313401 - M260 DAVID BULLOCK

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1810	111ALVM	27	8.00	30.00	32.0	10	32	5.30	24.0	<5	4.9

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

303208088244701 - M261 JERRY LANDER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1250	122PCGL	1	8.00	352.00	46.0	10	1300	8.30	25.0	100	190

303206088245101 - M262 ASHTON CANNON

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1230	111ALVM	27	8.00	17.00	45.0	5	60	5.20	<5	4.9	

303154088245401 - M263 JAMES E CLARK

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 31...	1210	121CRNL	1	8.00	120.00	43.0	10	30	5.70	24.5	<5	3.6

303235088302101 - M264 J B ENGLAND JR

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1730	121CRNL	1	8.00	121.00	25.0	10	29	7.00	25.5	<5	4.9

302431088444401 - N037 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1800	122PCGL	27	0.10	496.00	20.0	90

DATE	FLOW RATE, INSTANTANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	150	452	8.80	24.5	5	3.9

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302437088493601 - N052 OCEAN SPRINGS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1420	121GRMF	1	8.00	555.00	20.0	1440	600	28.0	<5	61

302527088495101 - N066 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1400	122PCGL	27	0.10	75.79	525.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	15	80	300	8.80	25.0	5	3.4

302435088481701 - N069 OCEAN SPRINGS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1500	121GRMF	1	8.00	540.00	23.0	120	365	25.5	<5	3.9

302440088471301 - N090 OCEAN SPRINGS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1635	121GRMF	1	8.00	565.00	20.0	1440	330	25.0	<5	3.5

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302659088521701 - N095 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1045	121GRMF	27	0.10	79.80	599.00	39.0
DATE	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	15	250	540	9.30	27.0	5	7.0

302438088480601 - N096 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1200	122PCGL	27	0.10	853.00	40.0	15
DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	
JUL 13...	250	360	9.10	28.5	5	11	

302409088494401 - N122 GULF C RES LAB

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 12...	1445	122PCGL	31	4.00	1205.00	18.0	185	1400	8.40	29.5	30	200

302409088494501 - N159 OCEAN SPRINGS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1400	122PCGL	1	8.00	881.00	10.0	20	630	28.0	<5	89

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302630088522301 - N175 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	1250	122PCGL	27	0.10	825.00	25.0	90	344	8.60	26.0	5	14

302555088511501 - N213 SEASHORE UTIL

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	1105	122PCGL	27	0.10	824.00	5.0	15	430	9.10	28.0	5	29

302600088503001 - N217 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1415	121GRMF	27	0.10	525.00	10.0	90

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	250	295	8.70	22.5	5	6.8

302655088522902 - N246 E V SHOVE

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 27...	1045	122PCGL	27	0.10	61.82	868.00	40.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 27...	45	165	420	9.00	27.0	<5	22

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302545088525001 - N277 J J WATER WORKS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 26...	1150	122PCGL	27	0.10	877.00	10.0	90	600	8.90	27.5	5	42

302539088492301 - N278 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1615	121GRMF	27	0.10	79.20	499.00	10.0

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	15	400	315	8.30	25.0	5	3.8

302624088492201 - N288 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1645	121GRMF	27	0.10	505.00	25.0	90

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	500	335	8.90	24.0	5	3.9

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302702088524501 - N355 COAST WATER WKS

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 13...	1015	122PCGL	27	0.10	59.24	792.00	45.0
DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 13...	15	350	460	9.00	28.0	5	34

302610088503301 - N381 COAST WATER WKS

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 13...	1540	122PCGL	27	0.10	874.00	17.0	90
DATE		FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 13...	250		760	8.90	28.0	5	48

302610088502201 - N391 COAST WATER WKS

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 13...	1540	122PCGL	27	0.10	51.01	876.00	25.0
DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 13...	15	250	800	8.70	26.5	5	110

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302158088461701 - N425 GULF PARK W A

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 14...	1030	122PCGL	27	0.10	1055.00	10.0	90
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 14...	350		850	9.10	27.0	5	110

302701088493001 - N451 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1710	122PCGL	27	0.10	865.00	40.0	90
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	500		380	9.10	27.5	10	12

302638088521001 - N461 BAY WATER WORKS

DATE	TIME	GEO-LOGIC UNIT	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)	
JUL 13...	1125	122PCGL	27	0.10	42.46	792.00	15.0	
DATE		PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	15	130	525	9.00	28.0	5	48	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302338088453901 - N462 GULF PARK W A

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 14...	1015	121GRMF	27	0.10	519.00	15.0	20

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 14...	350	500	9.30	24.0	10	9.5

302338088475001 - N479 GULF COAST RES LAB

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 12...	1525	121GRMF	27	0.10	578.00	18.0	15

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 12...	100	640	9.30	25.0	10	39

302418088485801 - N496 OCEAN SPRGS SEAFOOD

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 14...	1230	122PCGL	27	0.10	940.00	15.0	15	360	8.90	5	5.8

302704088505101 - N500 PORTEAUX BAY SUBD

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 29...	1000	122PCGL	27	0.10	784.00	38.0	15

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
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QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302600088491501 - N505 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1630	121GRMF	27	0.10	482.00	25.0	90

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	254	330	8.70	24.5	5	3.8

302503088481602 - N511 TOMMY MORETON

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 12...	1530	122PCGL	28	4.00	1280.00	5.0	100	1700	8.60	5	380

302545088500001 - N512 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	1500	121GRMF	27	0.10	89.32	512.00	25.0							
JUL 13...	15	150	299	8.30	24.5	5	2.9							

302420088480001 - N517 OCEAN SPRINGS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1520	121GRMF	1	8.00	561.00	15.0	15	400	25.0	<5	4.5

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302453088492401 - N520 OCEAN SPRINGS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1440	121GRMF	1	8.00	533.00	20.0	1440	370	25.5	<5	5.2

302441088493401 - N533 RUTH MULLINS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVE (MG/L AS CL)
JUL 14...	1315	111ALVM	27	0.10	63.00	20.0	10	190	6.80	22.0	30	13

302506088455101 - N534 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1715	121GRMF	27	8.00	493.00	15.0	15

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	200	300	8.60	24.5	<5	3.1

302641088503501 - N535 COAST WATER WKS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 13...	1320	121GRMF	27	8.00	476.00	25.0	90

DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 13...	85	240	8.20	25.0	<5	3.0

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302907088521701 - N536 D W LAMEY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1000	121GRMF	1	8.00	250.00	43.0	30	300	8.10	25.0	<5	4.5

302913088522601 - N537 RICHARD LAMEY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1030	121GRMF	27	8.00	220.00	46.0	30	295	8.00	26.5	5	4.6

302920088522301 - N538 PETE LAMEY

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
AUG 30...	1100	121GRMF	27	8.00	400.00	46.0	5	270	7.60	27.5	<5	3.2

302251088385401 - 0156 GAUTIER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 22...	1410	122PCGL	1	8.00	760.00	15.0	180	1120	8.80	27.5	40	170

302539088430001 - 0197 ST ANDREWS

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 22...	1200	121GRMF	1	8.00	628.00	10.0	120	377	8.50	25.0	40	180

302712088381201 - 0206 GAUTIER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 22...	1210	122PCGL	1	8.00	773.00	20.0	1440	1220	8.70	27.0	70	190

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302452088384901 - 0208 GAUTIER

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	0905	122PCGL	1	8.00	760.00	10.0	240	1120	8.40	27.0	40	87

302345088393301 - 0286 GAUTIER

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	0945	121GRMF	1	8.00	569.00	21.0	1440	845	8.70	25.5	30	45

302230088395901 - 0295 GAUTIER

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	1130	121GRMF	1	8.00	584.00	10.0	240	725	9.00	26.0	50	140

302304088393601 - 0300 GAUTIER

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	1015	121GRMF	1	8.00	596.00	20.0	1440	690	8.90	26.5	20	46

302324088391101 - 0307 GAUTIER

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	1435	121GRMF	1	8.00	573.00	21.0	15	780	9.00	26.0	50	58

302331088395601 - 0313 GAUTIER

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	1100	121GRMF	1	8.00	540.00	19.0	1440	740	9.00	26.5	20	58

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302259088375101 - 0314 GAUTIER

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 22...	0830	122PCGL	1	8.00	847.00	23.0	1440	950	8.50	27.0	20	140

302422088321201 - P054 MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	1410	122PCGL	1	8.00	808.00	18.0	360						
JUN 21...	455		960	8.80	27.5	30	140						

302244088325801 - P068 PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	1110	121GRMF	1	8.00	292.00	12.0	120						
JUN 21...	370		820	7.80	23.5	10	130						

302241088321701 - P069 PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	1050	121GRMF	1	8.00	302.00	14.0	90						
JUN 21...	470		1020	8.20	23.5	10	88						

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302221088330903 - P072 PASC ICE FREEZR

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1145	121GRMF	1	8.00	336.00	16.0	45

DATE	TIME	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	250	870	7.80	25.5	10	140	

302205088334003 - P111 ALPO

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	0945	122PCGL	5	4.00	1466.00	14.0	2100	7.80	30.0	50	480

302157088334901 - P115 ALPO NO 1

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	0855	121GRMF	1	8.00	316.00	8.0	1440	674	8.00	30	74

302134088330803 - P124 PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	0915	122PCGL	1	8.00	801.00	11.0	1440

DATE	TIME	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	400	1550	8.60	27.5	30	310	

QUALITY OF GROUND WATER
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 JACKSON COUNTY--Continued

302120088330001 - P145 INGALLS

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 07...	1030	122PCGL	27	8.00	805.00	10.0	15
DATE		FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 07...	1750		2200	8.50	27.0	5	620

302115088330404 - P150 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	0900	122PCGL	1	8.00	785.00	10.0	1440
DATE		FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 21...	730		1400	8.60	27.0	40	270

302157088335001 - P166 ALPO

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 23...	0905	121GRMF	1	8.00	326.00	10.0	30	740	8.00	24.0	20	86

302627088322401 - P226 JACKSON COUNTY

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	1540	121GRMF	1	8.00	345.00	10.0	60
DATE		FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 21...	260		740	9.00	24.0	30	72

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302100088341501 - P291 INGALLS

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 07...	0825	121GRMF	27	8.00	280.00	10.0	90
DATE		FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 07...	670		750	8.20	22.5	30	92

302313088365401 - P326 TIKI RESTAURANT

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 22...	1550	121GRMF	27	8.00	22.95	262.00	10.0
DATE		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)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUN 22...	60		460	7.60	24.5	20	22

302057088333901 - P348 INGALLS

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 07...	1100	122PCGL	27	8.00	800.00	10.0	90
DATE		FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
JUL 07...	1000		1600	8.70	27.5	50	330

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302101088341501 - P349 INGALLS

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 07...	0900	122PCGL	27	8.00	72.69	782.00	10.0
DATE	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN)	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 07...	15	670	2000	8.60	28.0	20	420

302323088321801 - P355 MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1350	122PCGL	1	8.00	827.00	14.0	360
DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	
JUN 21...	700	1350	8.60	28.0	30	240	

302219088331001 - P370 PASC ICE FREEZR

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1145	121CRNL	1	8.00	180.00	16.0	30
DATE	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	
JUN 21...	40	390	6.80	23.5	<5	53	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302137088334501 - P372 PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	0830	121GRMF	1	8.00	336.00	11.0	1440

DATE	TIME	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	600		1050	8.00	24.0	10	190

302259088360701 - P374 BOAT CITY MARINA

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1300	121GRMF	27	8.00	409.00	8.0	20	670	24.0	40	25

302644088321801 - P376 ESCATAWPA UTIL DIST

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1555	121GRMF	1	8.00	417.00	10.0	90

DATE	TIME	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	250		800	9.00	24.5	30	62

302428088325101 - P382 MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1425	122PGCL	1	8.00	846.00	10.0	190

DATE	TIME	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	1000		1000	8.70	27.5	30	160

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302258088365301 - P395 MAGNOLIA OAKS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 22...	1630	122PCGL	1	8.00	725.00	12.0	15	480	7.40	24.0	20	23

302215088335901 - P418 M & M PIPING

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	0950	121GRMF	1	8.00	300.00	20.0	1440	925	26.5	20	140

302152088341101 - P421 CONCRETE PRODUCTS

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 23...	1240	121GRMF	27	8.00	300.00	8.0	1440	680	25.0	20	70

302114088314101 - P423 M T NEAL

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 25...	1610	111ALVM	27	0.10	75.00	12.0	15						
JUL 25...			12	510	6.80	22.0	5	75					

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302111088314401 - P424 GROVER WALKER

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 25...	1540	111ALVM	27	0.10	85.00	12.0	15
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)

JUL 25...	12		649	6.80	22.0	20	120
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302453088324601 - P425 JOHN BOWMAN

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 25...	1445	111ALVM	27	0.10	40.00	20.0	15
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)

JUL 25...	8.0		80	5.70	21.0	<5	15
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302604088314901 - P428 GARLAND COX

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
SEP 01...	1250	111ALVM	1	8.00	75.00	8.0	5	900	7.00	24.5	5	170

302524088305501 - Q019 ZAPATA

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1030	122PCGL	1	8.00	950.00	6.0	90
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)

JUN 21...	150		2100	8.60	28.0	60	410
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QUALITY OF GROUND WATER
 WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
 JACKSON COUNTY--Continued

301956088295601 - Q103 CHEVRON

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 06...	1105	121GRMF	27	8.00	372.00	8.0	15
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	

JUL 06...	350	1010	8.50	24.5	60	170	
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302104088300301 - Q108 NU SOUTH IND

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 06...	1400	121GRMF	27	8.00	350.00	8.0	90
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	

JUL 06...	450	1000	8.40	24.5	40	150	
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302110088295901 - Q110 NU SOUTH IND

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 06...	1325	121GRMF	27	8.00	363.00	9.0	90
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	

JUL 06...	4950	970	8.40	24.5	40	130	
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QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302100088295501 - Q111 NU SOUTH IND

DATE	TIME	GEO- LOGIC UNIT	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)
JUL 06...	1345	121GRMF	27	8.00	351.00	10.0	90
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUL 06...	450	1020	8.40	24.0	40	150	

302042088292301 - Q135 STANDARD OIL CO

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 22...	0954	121GRMF	1	8.00	350.00	5.0	440
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 22...	600	1000	8.30	24.5	40	160	

302104088292701 - Q137 CHEVRON

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 22...	0930	121GRMF	1	8.00	387.00	3.0	320
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 22...	600	1010	8.40	25.0	40	170	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302548088304401 - Q151 FISHMEAL CORP

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	1100	121GRMF	1	8.00	232.00	5.0	240
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	500	540	7.90	22.5	80	42	

302548088304501 - Q159 THIOKOL CORP

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	0820	121GRMF	1	8.00	231.00	4.0	90
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	400	710	7.20	22.5	70	96	

302548088304502 - Q160 THIOKOL CORP

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	0905	121GRMF	1	8.00	236.00	4.0	120
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	500	1000	7.10	22.5	10	200	

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302122088312401 - Q164 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	0940	122PCGL	1	8.00	682.00	10.0	1440
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	380	1780	8.60	27.5	20	390	

302130088312901 - Q180 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	1010	122PCGL	1	8.00	663.00	10.0	120
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	500	1300	8.80	27.5	30	250	

302128088313101 - Q181 PASCAGOULA

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	1000	122PCGL	1	8.00	682.00	10.0	90
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	375	1620	8.70	27.5	30	390	

QUALITY OF GROUND WATER

405

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302300088312001 - Q293 PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1030	121GRMF	1	8.00	326.00	15.0	120
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	550		880	8.00	25.5	40	110

302356088312401 - Q417 MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1335	122PCGL	1	8.00	802.00	20.0	400
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	577		1170	8.60	28.5	30	200

302247088302901 - Q420 PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	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 08...	1500	121GRMF	1	8.00	346.00	10.0	1440	600	950	7.90	24.0	120

301952088294201 - Q421 CHEVRON

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 06...	1031	121GRMF	27	8.00	366.00	5.0	20
DATE		FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 06...	350		1000	8.50	24.5	40	160

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302448088292901 - Q422 INT PAPER CO.

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 21...	1350	121GRMF	1	8.00	255.00	6.0	360
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 21...	500	1010	8.50	23.0	30	140	

302802088251801 - Q429 MS HWY DEPT

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 20...	1715	122PCGL	1	8.00	559.00	15.0	90
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 20...	100	1500	8.70	26.0	80	240	

302736088260601 - Q430 MS HWY DEPT

DATE	TIME	GEO- LOGIC UNIT	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)
JUN 20...	1620	122PCGL	1	8.00	577.00	12.0	45
DATE	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	
JUN 20...	25	1430	8.80	25.5	70	230	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302627088313701 - Q434 MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	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)
JUN 21...	1515	121GRMF	1	8.00	435.00	10.0	90

DATE	FLOW RATE, INSTANTANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUN 21...	300	850	8.80	25.5	50	54

302734088310601 - Q439A THIOKOL TEST

DATE	TIME	GEO-LOGIC UNIT	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)	HARD-NESS TOTAL (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)	SODIUM PERCENT
NOV 11...	1700	122MOCN	7	2.00	1830.00	17.0	8680	91	20	10	1800	97
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 IO2)	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 11...	84	13	479	64	2600	1.0	17	4800	4820	3000	80	

302734088310602 - Q439B THIOKOL TEST

DATE	TIME	GEO-LOGIC UNIT	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)	HARD-NESS TOTAL (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)	SODIUM PERCENT
NOV 11...	1800	122MOCN	7	2.00	1980.00	17.0	24100	640	140	70	5200	94
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 IO2)	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 11...	92	32	274	150	7900	0.70	16	15100	13700	520	100	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
JACKSON COUNTY--Continued

302354088283901 - Q440 POLICE ACAD RANGE

DATE	TIME	GEO- LOGIC UNIT	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 (G/M)	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 08...	1200	121GRMF	28	8.00	270.00	7.0	30	12	1190	8.20	24.0	170

302400088274401 - Q441 RICHARD MARTIN

DATE	TIME	GEO- LOGIC UNIT	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 (G/M)	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 08...	1230	121GRMF	28	8.00	257.00	7.0	30	15	1180	8.00	24.0	160

302400088274402 - Q442 RICHARD MARTIN

DATE	TIME	GEO- LOGIC UNIT	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 (G/M)	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 08...	1300	111ALVM	28	8.00	40.00	7.0	30	20	430	4.50		
DATE	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)	HARD- NESS TOTAL (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)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)			
JUN 08...	22.0	<5	45	4.5	8.3	48	65	3	9.4			
DATE	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)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)			
JUN 08...	0.3	62	66	0.30	8.1	233	207	20	250			

302251088293401 - Q443 AIRPORT AUTHORITY

DATE	TIME	GEO- LOGIC UNIT	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 (G/M)	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 08...	1400	121GRMF	28	8.00	258.00	15.0	30	12	830	7.50	24.0	94

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302357088281601 - Q444 HUGH L STORK

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	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 08...	1330	121GRMF	28	8.00	270.00	8.0	30	10	1050	7.70	24.0	140

302345088284401 - Q445 JACKSON CO PORT AUTH

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
JUN 08...	1100	121GRMF	28	8.00	279.00	7.0	30	15	1200

DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO
JUN 08...	7.90	24.0	40	17	4.1	1.6	260	97	28

DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY LAB (MG/L AS CAC03)	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)
JUN 08...	2.6	372	170	1.1	17	704	10	10

302411088294601 - Q446 MIKE VICE

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 14...	1625	111ALVM	27	0.10	80.00	15.0	10	243	6.50	22.0	5	14

302541088270401 - Q447 ORANGE GR REC PK

DATE	TIME	GEO-LOGIC UNIT	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)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 28...	1600	121GRMF	28	0.10	235.00	6.0	90	1010	8.70	23.0	70	150

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

JACKSON COUNTY--Continued

302109088295101 - Q448 FIRST CHEMICAL

DATE	TIME	GEO-LOGIC UNIT	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)
JUL 28...	1000	121CRNL	27	0.10	180.00	12.0	30

DATE	TIME	FLOW RATE, INSTAN-TANEOUS (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
JUL 28...	70	750	6.70	22.0	20	140	

KEMPER COUNTY

325316088220501 - E035 PRIME LINE CATFSH

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
DEC 11...	0955	211EUTW	26	8.00	108.65	945.00	232	20	200	1590

DATE	TIME	PH (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM AD-SORP-TION RATIO
DEC 11...	8.90	25.0	<5	11	3.1	0.70	340	98	47

DATE	TIME	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 AS S04)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
DEC 11...	3.8	244	<0.10	350	0.70	13	869	50	10	

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

MADISON COUNTY

323522090051901 - M049 BIG BLACK W A

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN)	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	COLOR (PLATINUM-COBALT UNITS)
AUG 23...	1330	124MUWX	1951.00	278	90	750	8.60	35.0	40

DATE	HARDNESS TOTAL (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)	SODIUM PERCENT	SODIUM ADSORPTION RATIO	POTASSIUM, DIS-SOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CAC03)
AUG 23...	5	1.4	0.30	190	98	40	1.4	414

DATE	SULFATE DIS-SOLVED (MG/L AS SO4)	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)	IRON, DIS-SOLVED (UG/L AS FE)	MANGANESE, DIS-SOLVED (UG/L AS MN)
AUG 23...	0.20	1.9	0.30	17	459	461	230	10

322702090082301 - W074 MADISON

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPECIFIC CONDUCTANCE (US/CM)	PH (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	COLOR (PLATINUM-COBALT UNITS)
OCT 21...	1130	124SPRT	1	8.00	1380.00	379	1440	525	385	8.20	33.0	5

DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNESIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTASSIUM, DIS-SOLVED (MG/L AS K)	ALKALINITY LAB (MG/L AS CAC03)	SULFATE DIS-SOLVED (MG/L AS SO4)	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)	IRON, DIS-SOLVED (UG/L AS FE)	MANGANESE, DIS-SOLVED (UG/L AS MN)
OCT 21...	0.60	<0.10	92	0.50	196	6.9	1.8	0.10	18	231	30	10

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
MARSHALL COUNTY

345216089400201 - D060 BYHALIA

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBAL T UNITS)
MAR 23...	1330	211RPLY	173.11	1689.00	397	808	8.80	26.0	5
DATE		HARD- NESS TOTAL (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)	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	
MAR 23...		6	1.7	0.40	190	98	35	1.4	420
DATE		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)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
MAR 23...		4.8	1.0	0.70	14	479	466	30	<10

QUITMAN COUNTY

341516090161601 - E050 MARKS

DATE	TIME	GEO- LOGIC UNIT	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)	COLOR (PLAT- INUM- COBAL T UNITS)
MAR 23...	0905	124SPRT	5.11	869.00	166	160	6.90	22.0	20
DATE		HARD- NESS TOTAL (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)	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	ALKA- LINITY LAB (MG/L AS CAC03)	
MAR 23...		5	1.3	0.50	39	92	8	1.5	88
DATE		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)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)
MAR 23...		4.4	1.0	0.10	25	126	126	730	30

QUALITY OF GROUND WATER

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WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

RANKIN COUNTY

321936090063301 - F067 REFLECTION APTS

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
JUN 15...	1412	124CCKF	1	8.00	136.19	350.00	280	600	60	500
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	
JUN 15...	8.50	24.0	<5	5	1.2	0.40	120	98	25	1.1
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)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
JUN 15...	208	28	17	0.30	14	311	307	30	<10	

322034089582001 - G051 LANGFORD W A

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
FEB 24...	1500	124SPRT	1	8.00	299.47	1325.00	422	300	300	340
DATE	PH (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	HARD-NESS TOTAL (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)	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	
FEB 24...	8.10	31.0	5	3	1.1	0.10	84	98	22	0.80
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)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
FEB 24...	174	6.7	2.0	0.10	22	223	221	150	20	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
SMITH COUNTY

320046089224201 - L012 SYLVARENA W A

DATE	TIME	GEO- LOGIC UNIT	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)
OCT 16...	1230	124SPRT	26	0.10	156.75	1086.00	375

DATE	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN)	FLOW RATE, INSTAN- TANEOUS (G/M)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG)
OCT 16...	15	220	438	8.60	28.0	<0.10

TISHOMINGO COUNTY

343855088155380 - J071 USCE 1704-A

DATE	TIME	GEO- LOGIC UNIT	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)
MAR 04...	0839	211EUTW	1004	0.11	21.46	32.00	440	900	4.60	16.5
AUG 09...	0830	211EUTW	1004	0.11	21.29	32.00	440	320	5.10	17.0

343855088155381 - J072 USCE 1704-B

DATE	TIME	GEO- LOGIC UNIT	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)
MAR 04...	0916	211EUTW	1004	0.11	8.67	21.00	440	1500	5.70	13.0
AUG 09...	0900	211EUTW	1004	0.11	13.18	21.00	440	600	5.76	18.0

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988
WASHINGTON COUNTY

332621090533801 - E120 USDA STONEVILLE

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH (STAND-ARD UNITS)
OCT 20...	1128	124SPRT	26	0.10	1080.00	120	15	150	1200	8.80
DATE	TEMPER- ATURE (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	
OCT 20...	23.0	60	4	1.2	0.20	280	99	65	2.0	
DATE	ALKA- LINITY LAB (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	
OCT 20...	388	0.20	160	0.60	14	711	691	160	10	

332523090542901 - E122 MSU DELTA BRANCH

DATE	TIME	GEO-LOGIC UNIT	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 (G/M)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
OCT 20...	1015	124SPRT	26	0.10	39.52	1100.00	126	30	150	1930
DATE	PH (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBAL T UNITS)	HARD- NESS TOTAL (MG/L AS CACO3)	CALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K)
OCT 20...	9.30	26.5	70	6	2.1	0.30	420	99	75	2.0
DATE	ALKA- LINITY LAB (MG/L AS CACO3)	SULFATE DIS- SOLVED (MG/L AS SO4)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	SILICA, DIS- SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L)	IRON, DIS- SOLVED (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	
OCT 20...	417	0.20	380	0.80	12	1080	1070	100	10	

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 1987 TO SEPTEMBER 1988

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	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
OCT				MAR 29-			
01-06	0.0	--	--	APR 05	7.50	10	5.50
06-13	0.0	--	--	05-12	0.15	--	--
13-20	0.0	--	--	12-19	0.26	35	4.70
20-27	0.22	21	4.60	19-26	0.01	--	--
OCT 27-				APR 26-			
NOV 03	0.0	--	--	MAY 03	0.40	35	4.55
03-10	1.04	11	5.65	03-10	0.0	--	--
10-17	1.98	6	5.10	10-17	0.02	--	--
17-24	0.0	--	--	17-24	1.18	12	5.20
NOV 24-				24-31	0.20	34	4.75
DEC 01	0.23	28	4.45	MAY 31-			
01-08	0.68	20	5.65	JUN 07	0.64	--	--
08-15	0.16	--	--	07-14	E1.13	31	4.35
15-22	1.63	12	5.45	14-21	0.0	--	--
DEC 22-				21-28	0.14	23	4.60
JAN 1988				JUN 28-			
-05	1.68	19	4.80	JUL 05	0.33	18	4.60
05-12	0.60	18	4.60	05-12	0.87	19	4.55
12-19	0.95	15	4.70	12-19	1.93	16	4.55
19-26	0.69	15	4.90	19-26	1.10	23	4.80
JAN 26-				JUL 26-			
FEB 02	1.94	8	5.10	AUG 02	0.58	34	4.25
02-09	1.89	13	4.75	02-09	4.50	19	4.50
09-16	1.78	9	4.95	09-16	2.70	26	4.40
16-23	3.88	5	5.15	16-23	3.20	16	4.55
FEB 23-				23-30	0.53	31	4.20
MAR 01	0.05	46	6.05	AUG 30-			
01-08	4.91	9	5.10	SEP 06	4.70	11	4.80
08-15	0.63	7	5.10	06-13	3.50	8	5.20
15-22	0.98	11	4.80	13-20	1.36	10	4.95
22-29	1.10	19	4.75	20-27	0.0	--	--
				27-30	1.25	12	4.65

QUALITY OF PRECIPITATION

417

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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- PHOROUS ORTHO, DIS- SOLVED (MG/L AS P)
OCT											
20-27	0.22	0.08	0.26	0.03	1.6	0.31	0.02	0.010	0.360	0.200	0.020
NOV											
03-10	0.09	0.09	0.68	0.04	0.76	0.91	0.01	0.010	0.100	0.040	<0.010
DEC											
01-08	0.50	0.16	2.1	0.18	1.1	2.1	0.04	0.010	0.170	0.090	0.020
DEC											
15-22	0.05	0.04	0.29	0.02	0.98	0.48	0.02	0.010	0.100	0.080	0.020
DEC 22-											
JAN 05	0.09	0.14	1.2	0.06	1.5	1.9	<0.01	0.010	0.210	0.200	<0.010
JAN											
05-12	0.06	0.09	0.68	0.04	1.3	1.2	<0.01	<0.010	0.130	0.040	0.020
JAN											
12-19	0.07	0.08	0.52	0.04	1.3	0.88	<0.01	0.010	0.130	0.150	0.020
JAN											
19-26	0.14	0.10	1.0	0.07	1.2	1.7	0.02	<0.010	0.090	0.110	<0.010
JAN 26-											
FEB 02	0.04	0.07	0.56	0.05	0.51	0.93	<0.01	<0.010	0.060	0.020	<0.010
FEB											
02-09	0.06	0.06	0.33	0.03	1.0	0.62	<0.01	0.010	0.120	0.110	0.020
FEB											
09-16	0.06	0.07	0.46	0.03	0.60	0.76	<0.01	0.010	0.110	0.060	<0.010
FEB 23-											
MAR 01	2.0	0.52	5.0	0.25	4.1	8.5	0.01	0.020	0.680	0.410	0.020
MAR											
01-08	0.05	0.05	0.36	0.04	0.95	0.54	0.02	<0.010	0.090	0.140	<0.010
MAR											
08-15	0.16	0.02	0.15	0.02	0.73	0.23	0.04	<0.010	0.110	0.140	<0.010
MAR											
15-22	0.09	0.04	0.25	0.03	0.97	0.42	0.01	<0.010	0.100	0.090	<0.010
MAR											
22-29	0.27	0.11	0.88	0.07	1.7	1.5	0.02	0.010	0.220	0.220	<0.010
MAR 29-											
APR 05	0.15	0.08	0.58	0.04	0.66	0.96	0.01	0.010	0.110	0.090	<0.010
APR											
12-19	0.66	0.16	1.0	0.25	4.5	1.7	0.11	0.010	0.780	1.10	<0.010
APR 26-											
MAY 03	0.33	0.13	0.90	0.09	3.2	1.6	0.04	0.010	0.540	0.560	<0.010
MAY											
17-24	0.14	0.04	0.16	0.08	1.3	0.39	0.02	<0.010	0.260	0.460	<0.010
MAY											
24-31	0.70	0.28	2.0	0.20	3.0	3.5	0.04	0.010	0.730	0.620	<0.010
JUN											
07-14	0.19	0.04	0.10	0.05	3.0	0.27	0.03	<0.010	0.390	0.450	0.010
JUN											
21-28	0.15	0.08	0.51	0.04	0.82	0.78	0.01	0.010	0.400	<0.010	0.010
JUN 28-											
JUL 05	0.22	0.04	0.12	0.06	1.5	0.25	0.03	0.010	0.360	0.240	0.010
JUL											
05-12	0.09	0.05	0.27	0.03	1.0	0.53	0.01	0.020	0.280	0.080	<0.010
JUL											
12-19	0.14	0.04	0.14	0.04	1.1	0.30	0.01	<0.010	0.270	0.090	0.010
JUL											
19-26	0.12	0.02	0.05	0.05	1.9	0.20	0.03	0.010	0.460	0.460	0.020
JUL 26-											
AUG 02	0.21	0.04	0.12	0.06	2.8	0.35	0.03	<0.010	0.550	0.360	0.010
AUG											
02-09	0.05	0.05	0.34	0.05	1.4	0.61	0.01	<0.010	0.160	0.070	<0.010
AUG											
09-16	0.07	0.05	0.28	0.03	2.1	0.54	0.01	0.010	0.200	0.100	<0.010
AUG											
16-23	0.06	0.05	0.27	0.09	1.1	0.50	0.02	<0.010	0.190	0.070	0.010
AUG											
23-30	0.09	0.03	0.12	0.03	2.4	0.23	0.03	<0.010	0.370	0.160	0.010
AUG 30-											
SEP 06	0.03	0.04	0.26	0.02	0.69	0.50	<0.01	<0.010	0.070	0.030	0.020
SEP											
06-13	0.03	0.07	0.72	0.03	0.41	1.4	<0.01	0.010	0.040	0.030	<0.010
SEP											
13-20	0.04	0.07	0.64	0.03	0.59	1.2	<0.01	<0.010	0.060	0.030	<0.010
SEP											
27-30	0.08	0.03	0.16	0.02	0.88	0.32	<0.01	<0.010	0.150	0.050	<0.010

QUALITY OF PRECIPITATION

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

PERRY COUNTY

PRECIPITATION QUALITY STATION NEAR JANICE, MS

LOCATION.--Lat 31°01'52", long 88°59'09", in NW1/4SE1/4 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	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
OCT				MAR 29-			
01-06	0.0	--	--	APR 05	4.04	8	4.95
06-13	0.0	--	--	05-12	0.62	--	--
13-20	0.0	--	--	12-19	1.40	16	4.70
20-27	0.0	--	--	19-26	0.02	--	--
OCT 27-				APR 26-			
NOV 03	0.0	--	--	MAY 03	0.0	--	--
03-10	0.61	12	4.80	03-10	0.0	--	--
10-17	3.70	16	5.10	10-17	0.0	--	--
17-24	0.0	--	--	17-25	0.75	18	4.60
NOV 24-				25-31	0.0	--	--
DEC 01	0.81	--	--	MAY 31-			
01-08	0.44	19	4.70	JUN 07	0.29	42	4.05
08-15	0.42	--	--	07-14	0.02	--	--
15-20	0.08	--	--	14-21	0.65	34	4.25
20-29	2.07	13	4.80	21-28	0.31	19	4.45
DEC 29-				JUN 28-			
JAN 1988				JUL 05	1.45	11	4.50
-05	0.55	20	4.60	05-12	0.89	16	4.45
05-12	1.02	--	--	12-19	3.19	11	4.55
12-20	1.92	25	4.75	19-26	2.12	13	4.55
20-26	0.69	17	4.80	JUL 26-			
JAN 26-				AUG 02	1.08	13	4.45
FEB 02	0.93	14	4.95	02-09	1.90	16	4.40
02-09	1.55	11	4.75	09-16	1.90	31	4.20
09-16	2.10	10	5.00	16-24	0.51	22	4.30
16-23	1.86	7	5.00	24-30	<0.01	--	--
FEB 23-				AUG 30-			
MAR 01	0.10	--	--	SEP 06	3.00	6	4.80
01-08	3.53	7	4.75	06-13	3.36	12	4.60
08-15	0.37	--	--	13-20	2.49	9	5.00
15-22	0.42	20	4.80	20-27	0.0	--	--
22-29	4.07	10	4.60	27-30	1.25	14	4.55

QUALITY OF PRECIPITATION

419

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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- PHOROUS ORTHO, DIS- SOLVED (MG/L AS P)
NOV											
NOV 03-10	0.06	0.07	0.50	0.04	0.74	0.72	<0.01	0.010	0.100	0.040	0.010
NOV 10-17	0.04	0.06	0.68	0.02	0.50	0.97	<0.01	0.070	0.050	0.030	<0.010
DEC											
DEC 01-08	0.10	0.10	1.0	0.06	1.1	1.5	0.01	<0.010	0.210	0.100	<0.010
DEC 20-29	0.04	0.04	0.30	0.06	0.76	0.46	0.01	<0.010	0.080	0.050	0.010
DEC 29- JAN 05	0.06	0.07	0.38	0.05	1.1	0.68	<0.01	0.010	0.110	<0.010	0.010
JAN 12-20	0.08	0.09	0.90	0.05	1.1	1.1	0.01	<0.010	0.100	0.090	0.010
JAN 20-26	0.02	0.01	<0.01	<0.01	0.74	0.02	<0.01	<0.010	0.060	<0.010	<0.010
JAN 26- FEB 02	0.05	0.07	0.76	0.06	0.57	0.99	0.01	<0.010	0.060	0.020	<0.010
FEB 02-09	0.05	0.04	0.35	0.05	0.79	0.50	0.02	<0.010	0.110	0.080	<0.010
FEB 09-16	0.07	0.06	0.50	0.06	0.77	0.68	0.01	<0.010	0.090	0.060	0.020
FEB 16-23	0.02	<0.01	0.03	0.03	0.55	0.04	<0.01	<0.010	0.050	0.010	<0.010
MAR 01-08	0.06	0.03	0.25	0.03	0.91	0.40	<0.01	0.010	0.060	0.120	<0.010
MAR 15-22	0.18	0.09	0.58	0.01	1.5	0.84	<0.01	0.010	0.210	0.150	<0.010
MAR 22-29	0.09	0.04	0.15	0.05	0.96	0.29	0.01	<0.010	0.110	0.100	0.010
MAR 29- APR 05	0.05	0.04	0.31	0.05	0.60	0.46	0.01	<0.010	0.090	0.060	<0.010
APR 12-19	0.15	0.08	0.39	0.13	1.7	0.67	0.07	<0.010	0.210	0.510	<0.010
MAY 17-25	0.21	0.07	0.06	0.03	1.8	0.27	0.02	<0.010	0.300	0.460	<0.010
MAY 31- JUN 07	0.27	0.08	0.24	0.06	3.4	0.42	0.03	<0.010	0.510	0.150	<0.010
JUN 14-21	0.10	0.03	0.14	0.05	2.6	0.25	0.04	<0.010	0.310	0.140	<0.010
JUN 21-28	0.07	0.05	0.30	0.06	1.6	0.50	0.02	0.010	0.250	0.110	<0.010
JUN 28- JUL 05	0.10	0.01	0.10	0.13	0.73	0.25	0.02	0.010	0.160	0.100	0.050
JUL 05-12	0.15	0.03	0.07	0.05	1.1	0.25	0.01	0.010	0.220	0.050	0.010
JUL 12-19	0.04	0.01	0.03	0.01	0.75	0.08	0.01	<0.010	0.150	0.020	0.010
JUL 19-26	0.08	0.02	0.12	0.02	0.91	0.22	0.01	<0.010	0.230	0.100	0.010
JUL 26- AUG 02	0.09	0.01	0.04	0.03	0.88	0.06	0.01	0.010	0.200	0.100	0.010
AUG 02-09	0.05	0.03	0.22	0.03	1.1	0.35	0.01	<0.010	0.100	0.030	0.010
AUG 09-16	0.06	0.05	0.23	0.02	2.0	0.41	0.02	<0.010	0.250	0.030	0.010
AUG 16-24	0.12	0.04	0.13	0.04	1.7	0.26	0.02	0.010	0.340	0.110	0.010
AUG 30- SEP 06	0.01	0.02	0.21	0.01	0.39	0.27	0.01	0.010	0.030	<0.010	0.010
SEP 06-13	0.06	0.07	0.50	0.03	0.88	0.85	0.01	0.010	0.100	0.040	0.010
SEP 13-20	0.02	<0.01	0.17	<0.01	0.68	0.23	0.02	<0.010	0.050	0.020	<0.010
SEP 27-30	0.05	<0.01	0.06	0.01	1.1	0.10	0.02	<0.010	0.120	0.030	<0.010

QUALITY OF PRECIPITATION

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)	DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH (STAND- ARD UNITS)
OCT				MAR 29-			
01-06	0.0	--	--	APR 05	5.30	5	5.50
06-13	0.0	--	--	05-12	0.57	21	4.65
13-20	0.0	--	--	12-19	1.20	13	4.70
20-27	0.80	8	4.70	19-26	<0.01	--	--
OCT 27-				APR 26-			
NOV 03	0.0	--	--	MAY 03	0.0	--	--
03-10	1.05	18	4.35	03-10	0.0	--	--
10-17	2.00	9	5.25	10-17	0.0	--	--
17-24	0.0	--	--	17-24	0.50	--	--
NOV 24-				24-31	0.0	--	--
DEC 01	0.74	8	4.65	MAY 31-			
01-08	0.20	25	4.20	JUN 07	2.44	37	4.05
08-15	0.25	--	--	07-14	0.0	--	--
15-22	2.20	--	--	14-21	0.30	42	4.05
22-29	0.85	--	--	21-28	0.55	4	4.80
DEC 29-				JUN 28-			
JAN 1988				JUL 05	0.45	13	4.50
-05	0.75	12	4.65	05-12	2.10	11	4.65
05-12	0.77	23	4.60	12-19	0.80	12	4.50
12-19	1.13	13	4.95	19-26	0.80	22	4.35
19-26	0.09	--	--	JUL 26-			
JAN 26-				AUG 02	0.36	44	4.00
FEB 02	0.93	4	5.70	02-10	1.95	15	4.45
02-09	2.35	8	5.45	10-16	0.90	18	4.40
09-16	1.98	11	5.30	16-23	0.29	--	--
16-23	1.87	5	5.45	23-30	0.95	16	4.40
FEB 23-				AUG 30-			
MAR 01	0.03	--	--	SEP 06	3.25	7	4.85
01-08	1.22	5	5.65	06-13	3.20	8	4.80
08-15	1.73	7	5.45	13-20	2.28	3	5.25
15-22	0.85	8	4.80	20-27	0.0	--	--
22-29	3.35	6	5.45	27-30	0.91	8	4.80

QUALITY OF PRECIPITATION

421

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1988

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- PHOROUS ORTHO, DIS- SOLVED (MG/L AS P)
OCT 20-27	0.10	0.04	0.11	0.03	0.71	0.21	<0.01	<0.010	0.130	0.090	0.020
NOV 03-10	0.10	0.11	1.2	0.07	1.2	1.8	0.01	0.010	0.240	0.150	<0.010
NOV 10-17	0.10	0.09	0.89	0.06	0.63	1.3	0.01	0.010	0.070	0.080	0.020
NOV 24-DEC 01	0.05	0.02	0.41	0.02	0.35	0.60	<0.01	<0.010	0.100	0.040	0.010
DEC 01-08	0.21	0.18	1.8	0.12	1.7	2.6	0.03	<0.010	0.360	0.220	<0.010
DEC 29-JAN 05	0.05	0.05	0.33	0.02	0.75	0.57	0.01	<0.010	0.100	0.050	0.010
JAN 05-12	0.11	0.10	0.75	--	1.6	1.2	0.01	0.010	0.180	0.100	<0.010
JAN 12-19	0.20	0.09	0.63	0.09	1.8	0.98	0.03	0.010	0.190	0.540	0.010
JAN 26-FEB 02	0.03	0.03	0.20	0.03	0.26	0.32	<0.01	<0.010	0.040	0.010	<0.010
FEB 02-09	0.04	0.03	0.16	0.04	0.64	0.29	<0.01	<0.010	0.070	0.040	<0.010
FEB 09-16	0.09	0.06	0.39	0.05	1.1	0.62	0.01	<0.010	0.120	0.160	<0.010
FEB 16-23	0.06	0.01	0.06	0.04	0.57	0.13	<0.01	0.010	0.080	0.070	0.020
MAR 01-08	0.05	0.02	0.10	0.03	0.50	0.18	<0.01	<0.010	0.070	0.110	<0.010
MAR 08-15	0.09	0.03	0.13	0.02	0.77	0.25	<0.01	<0.010	0.120	0.110	<0.010
MAR 15-22	0.07	0.03	0.14	0.06	0.67	0.26	0.03	<0.010	0.110	0.050	<0.010
MAR 22-29	0.06	0.02	0.11	0.07	0.72	0.24	0.01	<0.010	<0.010	0.090	<0.010
MAR 29-APR 05	0.05	0.02	0.11	0.03	0.45	0.19	0.01	<0.010	0.070	0.060	<0.010
APR 05-12	0.21	0.06	0.08	0.07	2.0	0.16	0.01	0.010	0.320	0.340	<0.010
APR 12-19	0.17	0.06	0.15	0.08	1.7	0.24	0.01	0.010	0.150	0.350	<0.010
MAY 31-JUN 07	0.10	0.03	0.06	0.04	4.4	0.15	0.03	<0.010	0.300	0.340	<0.010
JUN 14-21	0.18	0.05	0.14	0.09	5.0	0.36	0.07	<0.010	0.740	0.420	0.020
JUN 21-28	0.06	0.01	0.06	0.02	0.24	0.13	0.01	<0.010	0.070	<0.010	<0.010
JUN 28-JUL 05	0.10	0.04	0.20	0.04	0.91	0.35	0.03	0.010	0.320	0.110	0.010
JUL 05-12	0.08	0.03	0.11	0.03	0.89	0.22	0.01	0.010	0.180	0.110	<0.010
JUL 19-26	0.08	0.03	0.04	0.03	1.5	0.12	0.01	<0.010	0.300	0.140	0.010
JUL 26-AUG 02	0.10	0.04	0.09	0.06	3.0	0.28	0.06	<0.010	0.540	0.240	0.010
AUG 10-16	0.08	0.03	0.12	0.04	1.4	0.23	0.03	<0.010	0.260	0.130	<0.010
AUG 23-30	0.07	0.02	0.05	0.02	1.1	0.13	0.02	0.010	0.270	0.080	0.020
AUG 30-SEP 06	0.02	0.01	0.05	0.02	0.47	0.10	<0.01	<0.010	0.060	0.010	<0.010
SEP 06-13	0.06	--	0.16	0.03	0.60	0.24	0.04	<0.010	0.090	<0.010	0.020
SEP 13-20	0.01	<0.01	0.07	0.03	0.18	0.14	0.01	<0.010	0.020	<0.010	<0.010
SEP 27-30	0.03	<0.01	0.03	0.01	0.69	0.05	0.02	<0.010	0.090	0.060	<0.010

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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^{-2}	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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