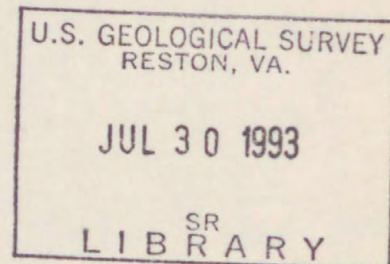
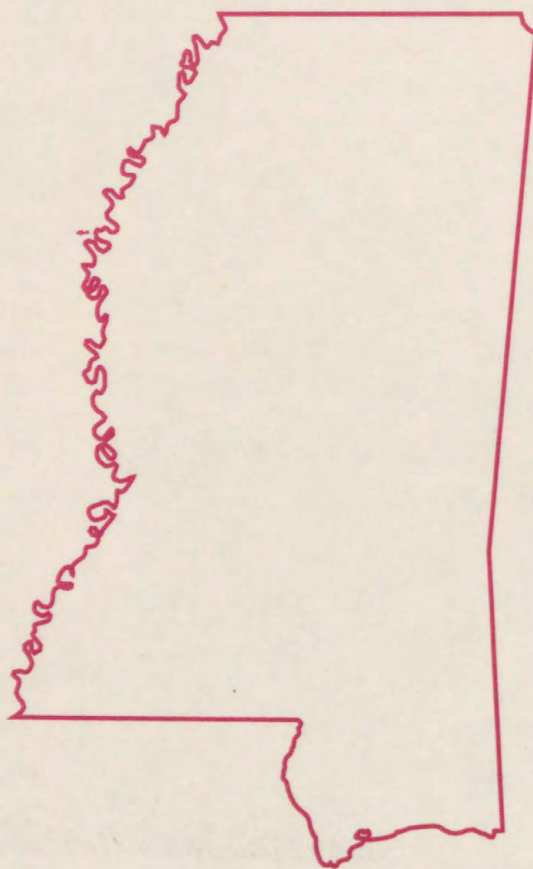


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Water Resources Data Mississippi Water Year 1992



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-92-1
Prepared in cooperation with the Mississippi Department of
Environmental Quality and with other State, county,
municipal, and Federal agencies

CALENDAR FOR WATER YEAR 1992

1991

OCTOBER

S	M	T	W	T	F	S
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1992

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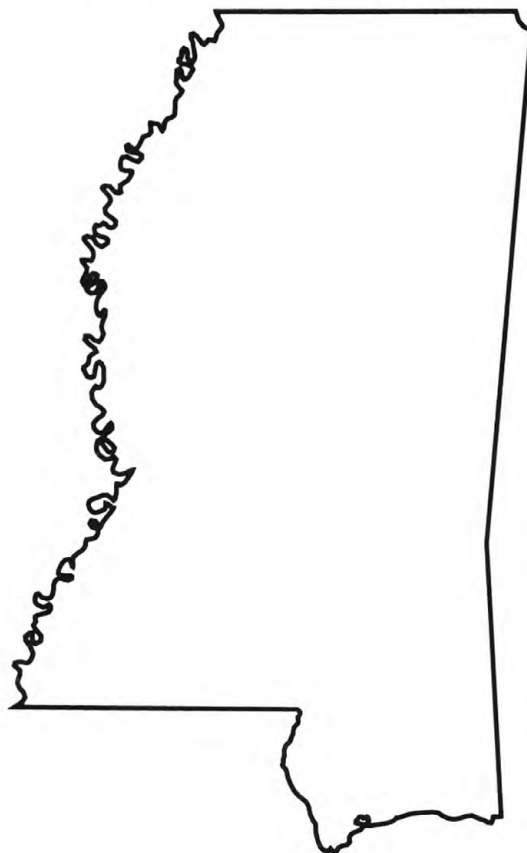
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Water Resources Data Mississippi Water Year 1992

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



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-92-1
Prepared in cooperation with the Mississippi Department of
Environmental Quality and with other State, county,
municipal, and Federal agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, 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

1993

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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Joyce Gabourie, is responsible for typing and editing this report.

This report was prepared in cooperation with the State of Mississippi and with other agencies under the general supervision of Gerald L. Ryan, District Chief, Mississippi.

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[Letter after station name designates type of data: (d) discharge, (g) gage height, (c) chemical, (m) microbiological, (t) water temperature, (s) sediment, (r) radiochemical, (p) pesticide, (f) field values; temperature, pH, dissolved-oxygen, specific conductance]

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WATER RESOURCES DATA - MISSISSIPPI, 1992

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 82 streamflow-gaging stations, stage records for 19 of these gaging stations, discharge records for 91 partial-record or miscellaneous streamflow stations, including 6 flood hydrograph partial-record stations, 55 crest-stage partial-record stations and 30 special study and miscellaneous sites, (2) stage only at 6 gaging stations, (3) water-quality records for 24 streamflow-gaging stations, 2 ungaged streamsites, 8 partial-record or miscellaneous sites, 448 short-term study sites, 65 wells, and 4 precipitation-quality stations, and (4) water-level records for 235 observation wells. 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-92-1." 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. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc.

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. A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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 Environmental Quality, James I. Palmer, Jr., Executive Director.
Office of Land and Water Resources, Charles T. Branch, Director.
Office of Pollution Control, Charles H. Chisolm, Director.
Office of Geology, Cragin Knox, Director.
Mississippi Department of Transportation, John R. Tabb, Director.
Mississippi Department of Agriculture and Commerce, Jack D. Coley, Director.
Pat Harrison Waterway District, Herlon D. Pierce, Executive Director.
Pearl River Basin Development District, Mike Davis, Executive Vice President.
Pearl River Valley Water Supply District, Charles E. Moak, General Manager.
Yazoo Mississippi Delta Joint Water Management District, Dean Pennington, Executive Director.
Harrison County Board of Supervisors, Bobby Eleuterius, President.
Harrison County Development Commission, Michael J. Olivier, Executive Director.
Jackson County Board of Supervisors, Carroll L. Clifford III, President.
Jackson County Port Authority, Johnny S. Tillman, President.
City of Jackson, Kane Ditto, Mayor.

Assistance with funds or services was provided by the U. S. Army Corps of Engineers in collecting records for 54 streamflow-gaging stations, 6 crest-stage gages, and 49 surface-water quality sites; and by the National Aeronautics and Space Administration in collecting records for 1 precipitation quality site published in this report.

Organizations that provided data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Annual mean streamflow was below normal in most streams in Mississippi during the 1992 water year. Comparisons of monthly mean and annual mean discharges in the 1992 water year with median values for the period 1961-90 were made for three representative gaging stations: Tombigbee River at Columbus Lock and Dam near Columbus, in northeastern Mississippi, Big Black River near Bovina, in central Mississippi, and Pascagoula River at Merrill, in southeastern Mississippi. The monthly mean discharges at these sites generally were within the normal range (± 25 percent of the median or the reference period 1961-90) in October, November, January, February, March, June, and July, below normal in April and May, and above normal in December, August, and September.

Runoff of the Tombigbee River at Columbus Lock and Dam near Columbus was 15.69 inches for the water year, or 74 percent of the median annual runoff of 21.10 inches for the reference period 1961-90. Discharge was above normal in the months of December, August, and September, when the monthly mean discharges were 406, 252, and 205 percent of the median monthly means, respectively, for the reference period. Discharge was below normal in January, April, and May when the monthly mean discharges were 39, 38, and 18 percent of the median monthly means, respectively, for the reference period. Monthly mean discharges for other months were within the normal range.

Runoff of the Pascagoula River at Merrill was 18.11 inches for the water year, or 88 percent of the median annual runoff for the reference period (20.64 inches). Discharge was above normal in January and February when the monthly mean discharges were 150 and 159 percent of the median monthly means, respectively, for the reference period. Discharge was below normal in the May when the monthly mean discharge was 37 percent of the median monthly mean for the reference period. Monthly mean discharges for other months were within the normal range.

Runoff of the Big Black River near Bovina was 11.19 inches for the water year, or 63 percent of the median annual runoff for the reference period (17.67 inches). Discharge was above normal in the months of December, August, and September when the monthly mean discharges were 218, 357, and 324 percent of the median monthly means, respectively, for the reference period. Discharge was below normal in March, April and May when the monthly mean discharges were 41, 27 and 14 percent of the median monthly means for the reference period. Monthly mean discharges for other months were within the normal range.

Streamflow Quality

The surface-water quality of most of Mississippi's 84,003 miles of rivers fully or partially supports designated uses. Major causes of impaired water quality during water year 1992 were nonpoint agricultural runoff; lesser causes were industrial and municipal point-source discharges and runoff from nonagricultural nonpoint sources.

The surface-water quality in Mississippi generally did not change appreciably during water year 1992 compared to that of previous years. Dissolved-solids concentrations are low in water from most streams in Mississippi. Concentrations generally were less than 100 mg/L (milligrams per liter) in most streams in the State, except for the Mississippi River where dissolved-solids concentrations ranged from 194 to 253 mg/L. The minimum and median values of dissolved-solids concentrations during water year 1992 generally were similar to the minimum and median values during water years 1987-89 for four National Stream Quality Accounting Network stations on major streams that drain the interior of the State, as shown in the following table. The maximum values of dissolved-solids concentrations were substantially smaller during 1992 than during 1987-89.

	Dissolved-solids concentration, in milligrams per liter					
	Water year 1992			Water years 1987-89		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Pascagoula River near Benndale	33	57	83	32	72	165
Yazoo River at Redwood	50	66	139	43	70	163
Big Black River near Bovina	31	65	74	42	82	152
Homochitto River at Rosetta	38	46	49	42	56	69

Dissolved-oxygen concentrations in streams were generally greater than 5.0 mg/L and were lowest during the summer months when stream temperatures were high and flow velocities were low. Minimum, median, and maximum values for dissolved-oxygen concentrations at the index stations during water year 1992 generally were similar to corresponding values during water years 1987-89, as shown in the following table.

	Dissolved-oxygen concentration, in milligrams per liter					
	Water year 1992			Water years 1987-89		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Pascagoula River near Benndale	5.9	7.4	10.5	6.6	8.1	10.2
Yazoo River at Redwood	5.1	8.6	10.1	4.8	7.6	11.5
Big Black River near Bovina	5.4	7.8	9.3	5.2	7.8	10.0
Homochitto River at Rosetta	7.4	9.4	10.4	5.6	8.1	11.0

Determinations of pH at the index stations indicate that most streams were slightly acidic at times and that the pH generally was lowest in the southern part of the State. Values of pH during water year 1992 were quite similar to those during water years 1987-1989, as shown by the following table.

	pH, in standard units					
	Water year 1992			Water years 1987-89		
	Minimum	Median	Maximum	Minimum	Median	Maximum
Pascagoula River near Benndale	6.5	7.1	7.1	5.8	6.9	7.2
Yazoo River at Redwood	6.4	7.4	8.0	6.6	7.4	7.8
Big Black River near Bovina	6.7	7.2	7.6	6.7	7.1	7.6
Homochitto River at Rosetta	6.6	6.9	7.2	6.6	6.8	7.1

Ground-Water Levels

Ground-water levels in most artesian aquifers statewide continued long-term declines in the latter part of the 1992 water year following seasonal water-level recoveries during the early part of the year. Fluctuations of ground-water levels in representative observation wells are shown in the hydrographs in figure 1.

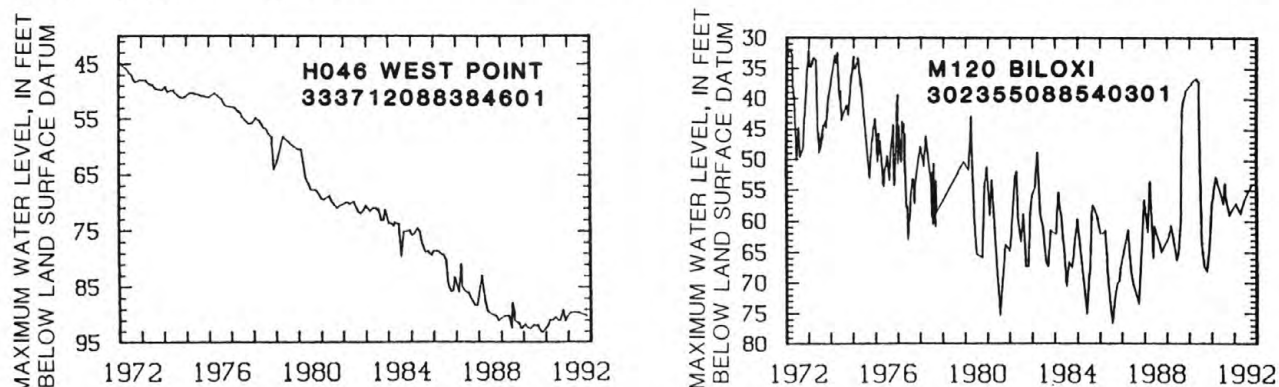


Figure 1.--Hydrographs of wells in the Gordo Formation at West Point and the Graham Ferry Formation at Biloxi.

In wells screened in deposits of Miocene age in southern Mississippi, water levels generally declined 1 foot, with the exception of a few sites near heavy withdrawals where water levels declined 1 to 3 feet. In wells screened in the Graham Ferry Formation along the Gulf coast, water levels declined less than 1 foot with a few sites indicating slight recoveries. Water levels rose slightly at selected sites where wells were screened in the shallow Citronelle aquifer.

In central Mississippi, water levels in the Cockfield Formation rose slightly at selected sites, while levels in a few wells near pumping centers declined 1 to 3 feet. Wells screened in Sparta Sand indicated declines of 1 to 3 feet. Record low water levels were measured in several wells in the Cockfield and Sparta aquifers in the Jackson metropolitan area. Water levels in wells screened in the Vicksburg Group and Forrest Hill Sands used primarily for domestic use rose slightly at selected sites.

In northern Mississippi, water levels in the Wilcox and upper Cretaceous aquifers declined 1 to 2 feet except at Tupelo in Lee County, where wells screened in the Eutaw-McShan and Tuscaloosa aquifers recovered about 90 feet. In late 1991 the city converted from ground water to a surface supply located on the Tombigbee River near Fulton, Mississippi, allowing ground water levels in the area to recover significantly.

Water levels in the Mississippi River valley alluvial aquifer in northwestern Mississippi declined in response to seasonal withdrawals for irrigation and fish farming throughout much of the area commonly known as the Delta. Although seasonal declines were recorded, water levels at the end of the water year were slightly higher than levels measured last year.

Precipitation Quality

Chemical analysis of atmospheric precipitation at three long-term sites in southern Mississippi indicate that the specific conductance of precipitation ranged from less than 5 uS/cm (microsiemens per centimeter) to as much as 60 uS/cm. The specific conductance of precipitation ranged from 3.3 to 60 uS/cm at the John C. Stennis Space Center near Bay St. Louis on the Mississippi Gulf Coast, from 4.4 to 50 uS/cm at the site near Janice in Perry County, and from 4.4 to 44 uS/cm at a site near Rosetta in Wilkinson County. The dissolved solids in the precipitation at the three sites were 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 4.0 to 5.2 units and had a median pH value of 4.7 units. Near Janice the pH ranged from 4.0 to 6.8 units and the median value was 4.8 units. The pH ranged from 4.1 to 5.2 units and the median value was 4.7 units at the station near Rosetta.

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 1992 water year that began October 1, 1991, and ended September 30, 1992. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage and content data for lakes and reservoirs, water-quality data for surface and ground water, and ground-water-level data. The locations of the stations and wells where the data were collected are shown in figures 4, 5, and 6. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

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

Downstream Order System

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

The station-identification number is assigned according to downstream order. In assigning station numbers, no distinction is made between partial-record stations and other stations, therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established, hence, the numbers are not consecutive. The complete eight-to-fourteen digit number for each station, such as 02429900, which appears just to the left of the station name, includes the two-digit Part number "02" plus the six-to-twelve digit downstream-order number "429900". In this report, the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. Records in this report are in Part 2 (South Atlantic slope and eastern Gulf of Mexico basins), Part 3 (Ohio River basin), and Part 7 (Lower Mississippi River basin). All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in that basin.

Latitude-Longitude System

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

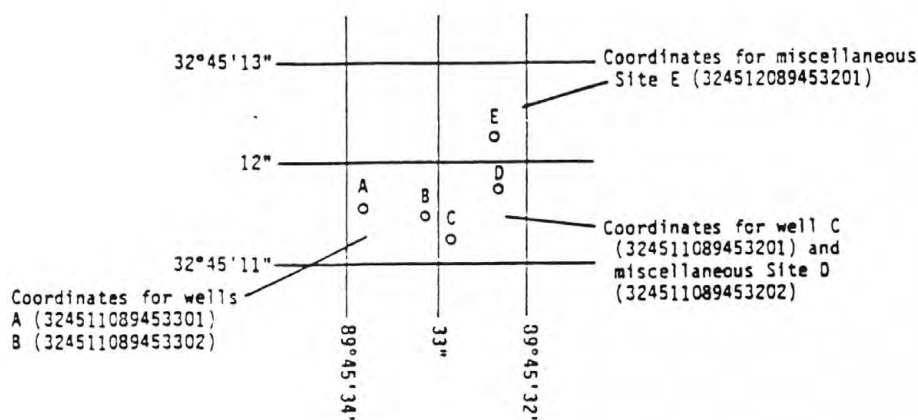


Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

Records of Stage and Water Discharge

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

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device, and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous discharge measurements or of measurements from special studies, such as low-flow seepage studies, may be considered as partial records, but they are presented separately in this report. Location of all complete-record and crest-stage partial-record stations for which data are given in this report are shown in figures 4 and 5.

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

Streamflow data in this report are presented in a new format that is considerably different from the format in data reports prior to the 1992 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or station manuscript above the table. These changes represent the results of a pilot program to reformat the annual water-data report to meet current user needs and data preferences.

The records published for each continuous-record surface-water discharge station (gaging station) now consist of four parts, the manuscript or station description; the data table of daily mean values of discharge for the current year with summary data; a tabular statistical summary of monthly mean flow data for a designated period, by water year; and a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration.

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.

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.--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 in the summary statistics table at the bottom of the page.

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.

Headings for AVERAGE DISCHARGE, EXTREMES FOR PERIOD OF RECORD, and in some cases EXTREMES FOR CURRENT YEAR have been deleted and the information contained in these paragraphs, except for the listing of secondary instantaneous peak discharges in the EXTREMES FOR CURRENT YEAR paragraph, is now presented in the tabular summaries following the discharge table or in the REMARKS paragraph as appropriate.

Manuscript information for stations which only provide stage or low-flow data differs from that for continuous record discharge stations in that headings for AVERAGE DISCHARGE, EXTREMES FOR PERIOD OF RECORD, and EXTREMES FOR CURRENT YEAR are included.

Data table of daily mean values

The daily table of discharge records for stream-gaging stations give mean discharge for each day of the water year. In the monthly summary for the table, the line headed "TOTAL" gives the sum of the daily figures for each month; the line headed "MEAN" gives the maximum and minimum daily mean discharges, respectively, for each 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 or in acre-feet may be omitted if there is extensive regulation or diversion or if the drainage area includes large noncontribution areas. At some stations monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir contents are given. These figures are identified by a symbol and corresponding footnote.

Statistics of monthly mean data

A tabular summary of the mean (line headed "MEAN"), maximum (line headed "MAX"), and minimum (line headed "MIN") of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those figures. The designated period will be expressed as "FOR WATER YEARS _____, by water year (WY)," and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. It will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript.

Summary statistics

A table titled "SUMMARY STATISTICS" follows the statistics of monthly mean data tabulation. This table consists of four columns, with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, "WATER YEARS ____-____", will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript. All of the calculations for the statistical characteristics designated ANNUAL (See line headings below.), except for the "ANNUAL 7-DAY MINIMUM" statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When this occurs, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration curve statistics and runoff data are also given. Runoff data may be omitted if there is extensive regulation or diversion of flow in the drainage basin.

The following summary statistics data, as appropriate, are provided with each continuous record of discharge. Comments to follow clarify information presented under the various line headings of the summary statistics table.

ANNUAL TOTAL.--The sum of the daily mean values of discharge for the year. At some stations the annual total discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

ANNUAL MEAN.--The arithmetic mean of the individual daily mean discharges for the year noted or for the designated period. At some stations the yearly mean discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

HIGHEST ANNUAL MEAN.--The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.--The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.--The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.--The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.--The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic.)

INSTANTANEOUS PEAK FLOW.--The maximum instantaneous discharge occurring for the water year or for the designated period. Note that secondary instantaneous peak discharges above a selected base discharge are stored in District computer files for stations meeting certain criteria. Those discharge values may be obtained by writing to the District Office. (See address on back of title page of this report.)

INSTANTANEOUS PEAK STAGE.--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.--The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.--Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Cubic feet per second per square mile (CSFM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicates the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.--The discharge that is exceeded by 10 percent of the flow for the designated period.

50 PERCENT EXCEEDS.--The discharge that is exceeded by 50 percent of the flow for the designated period.

90 PERCENT EXCEEDS.--The discharge that is exceeded by 90 percent of the flow for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in two sections. The first section contains stage and discharge data for selected events at flood hydrograph stations. The second section is a table of annual maximum stage and discharge at crest-stage stations. The partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. 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.

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:

300	National Atmospheric Deposition Program/	55555	Individual
	National Trends Network	66666	Driller
810	Corps of Engineers, U.S. Army	80020	U.S. Geological Survey, National Water-
1028	U.S. Geological Survey		Quality Laboratory, Denver, Colorado
1053	National Park Service	81213	U.S. Geological Survey, Water-Quality
3315	Tennessee Valley Authority		Service Unit, Ocala, Florida
9728	Mississippi Department of Health	82213	U.S. Geological Survey, Water-Quality
28001	Mississippi Office of Pollution Control		Service Unit, Baton Rouge, Louisiana
28002	Mississippi Office of Geology	99001	Private Contractor
28003	Mississippi Office of Land and	99999	Other
	Water Resources		

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

Sample Source		Sampling Condition	
1	Well head	0.10	Site was being pumped
2	Drill stem test	0.11	Site had been pumped recently
5	Flow line	0.12	Nearby site tapping
8	Tank		same aquifer was being pumped
16	Casing leak	2	Undesignated
26	Pump	4	Flowing
27	Tap near well	8	Pumping
28	Tap away from well	10	Open hole
30	Pressure tank	15	Bailing
31	Discharge Pipe	24	Water flooding
33	Bailer	26	Production and development test
80	After pressure tank	27	Production by unknown method
1001	Wet deposition	30	Seeping
1003	Landfill		
1005	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:

- > Actual value is known to be greater than the value shown
- < Actual value is known to be less than the value shown
- & Biological organism estimated as dominant
- A Average value
- D Biological organism count equal to or greater than 15 percent (dominant)
- E Estimated value
- 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)
- M Presence of material verified but not quantified
- N Presumptive evidence of presence of material
- S Most probable value
- U Material specifically analyzed for but not detected
- V Variance

Dissolved Sulfate Analysis

In March 1989 the National Water-Quality Laboratory discovered a bias in the turbidimetric method for sulfate analysis, indicating that values below 75 mg/L have a median positive bias of 2 mg/L above the true value for the period between 1982 and 1989. Sulfate values during this period have not been corrected for this bias.

Dissolved Trace-Element Concentrations

Traditionally, dissolved trace-element concentrations have been reported at the microgram per liter (ug/L) level. Recent evidence, mostly from large rivers, indicates that actual dissolved-phase concentrations for a number of trace elements are within the range of 10's to 100's of nanograms per liter (ng/L). Present data above the ug/L level should be viewed with caution. Such data may actually represent elevated environmental concentrations from natural or human causes; however, these data could reflect contamination introduced during sampling, processing, or analysis. To confidently produce dissolved trace-element data with insignificant contamination, the U.S. Geological Survey will begin using new trace-element protocols in 1994 water year.

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 6.

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. Water levels above land surface datum are preceded by a minus (-). 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. A hydrograph for a selected period of record follows each water-level table.

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 U.S. Geological Survey is the principal Federal water-data agency and, as such, collects and disseminates about 70 percent of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. As part of the Geological Survey's program of releasing water data to the public, a large-scale computerized system has been developed for the storage and retrieval of water data collected through its activities. The National Water Data Storage and Retrieval System (WATSTORE) was established in 1972 to provide an effective and efficient means for the processing and maintenance of water data collected through the activities of the U.S. Geological Survey and to facilitate release of the data to the public. A variety of useful products, ranging from data tables to complex statistical analyses such as Log Pearson Type III, can be produced using WATSTORE. The system resides on the central computer facilities of the U.S. Geological Survey at its National Center in Reston, Virginia, and consists of related files and data bases.

- * Station Header File - Contains descriptive information on more than 440,000 sites throughout the United States and its territories where the U.S. Geological Survey collects or had collected data.
- * Daily Values File - Contains more than 220 million daily values of stream flows, stages, reservoir contents, water temperatures, specific conductances, sediment concentrations, sediment discharges, and ground-water levels.
- * Peak Flow File - Contains approximately 500,000 maximum (peak) streamflow and gage-height values at surface-water sites.
- * Water Quality File - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radio-chemical characteristics of both surface and ground water.
- * Ground-Water Site Inventory Data Base - Contains inventory data for more than 900,000 wells, springs, and other sources of ground water. The data includes site location, geohydrologic characteristics, well-construction history and one-time field measurements such as water temperature.

In 1976, the U.S. Geological Survey opened WATSTORE to the public for direct access. The signing of a Memorandum of Agreement with the Survey is required to obtain direct access to WATSTORE. The system can be accessed either synchronously or asynchronously. The requester will be expected to pay all computer costs he/she incurs. Direct access may be obtained by contracting:

U.S. Geological Survey
National Water Data Exchange
421 USGS National Center
Reston, Virginia 22092

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5-1/4 inch floppy disk; and, as noted in the introduction, on CD-ROM discs. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division's District Offices. (See address on the back of the title page.) A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section. U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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 milligram per liter, used for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area of volume of habitat.

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

Dry mass refers to the mass of residue present after drying in an oven at 105°C for zooplankton and periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass.

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

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

Bottom material: See Bed material.

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

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water, and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common green pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

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

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

Cubic feet per second per square mile [ft³/s)/mi²]¹ is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment), that passes a given point within a given period of time.

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

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

Annual 7-day minimum is the lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1 - March 31). The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic.)

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.

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.

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.

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

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

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

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

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

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

Organism is any living entity.

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

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

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

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

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

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

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

Classification	Size (mm)	Method of analyses
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 [mg C/(m².time)] for periphyton and macrophytes and [mg C/(m³.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 [mgO/(m².time)] for periphyton and macrophytes and [mgO/m³.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 (7Q10) 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 planimeted. All areas shown are those for the stage when the planimeted 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
<u>Genus</u>	<u>Hexagenia</u>
<u>Species</u>	<u>Hexagenia limbata</u>

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

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

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration in milligrams per liter by 0.00136.

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

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

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

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

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

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

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

WDR is used as an abbreviation for "Water-Data Report" 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 1976.

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

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

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

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- 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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- 3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
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- 5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.
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- 6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.
- 6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S. A. Leake and D. E. Prudic: USGS--TWRI Book 6, Chapter A2. 1991. 68 pages.
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- 7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.
- 7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.
- 8-A1. *Methods of measuring water levels in deep wells*, by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.
- 8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.
- 8-B2. *Calibration and maintenance of vertical-axis type current meters*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

WATER RESOURCES DATA FOR MISSISSIPPI, 1992

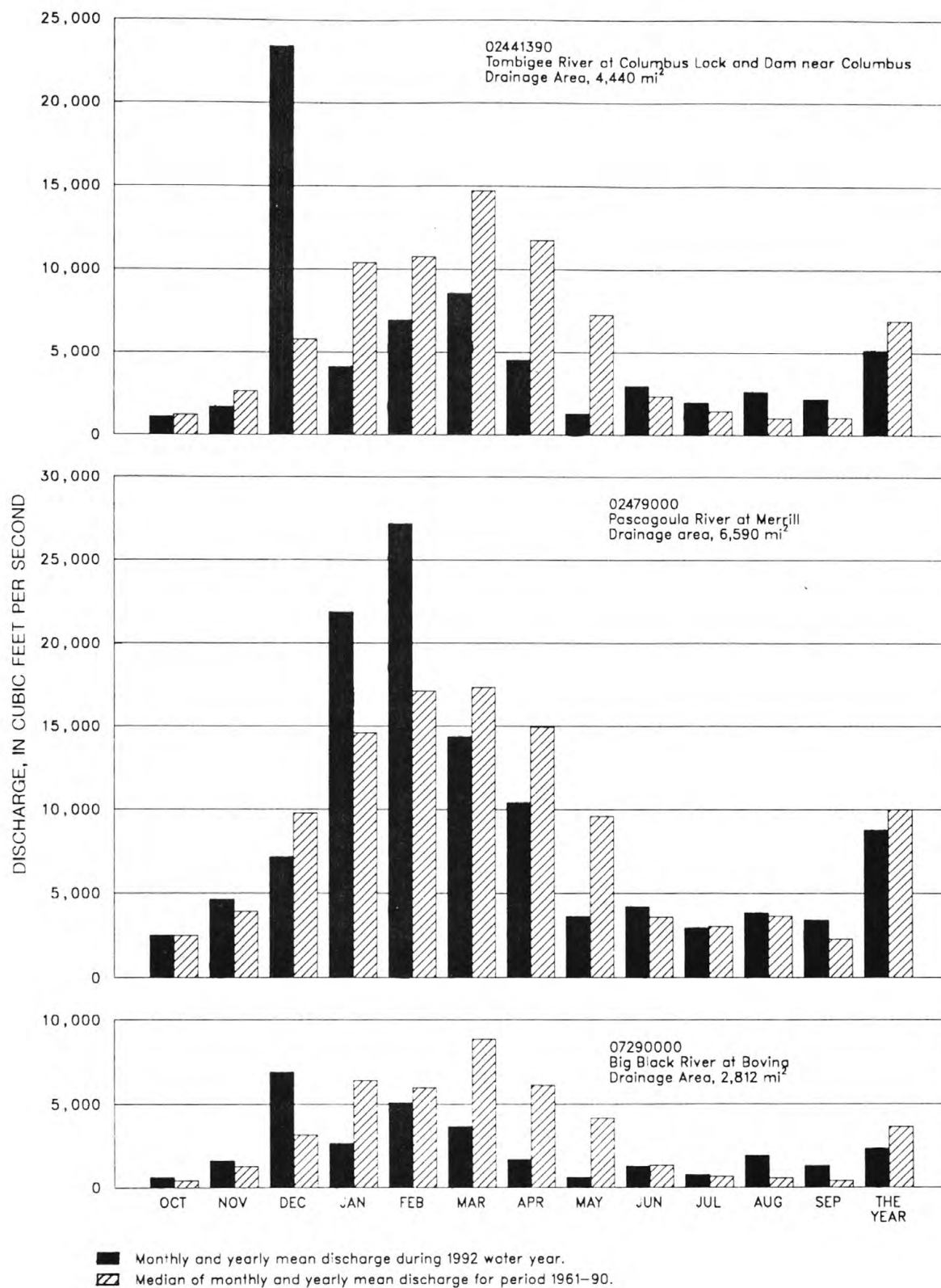


FIGURE 3.—Comparison of discharge during 1992 water year with median discharge for period 1961-90 for three representative gaging stations

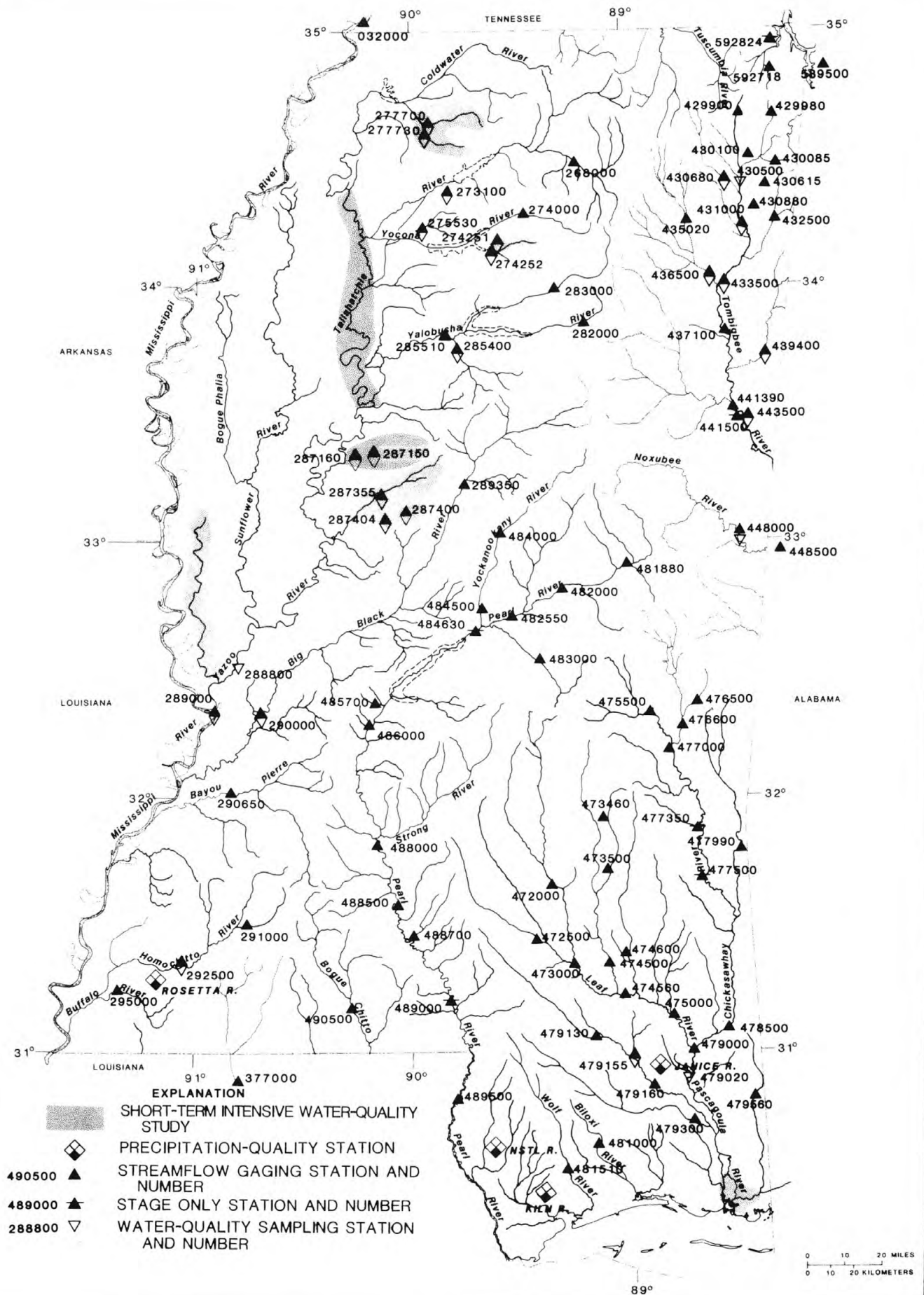


Figure 4.--Location of hydrologic-data stations.

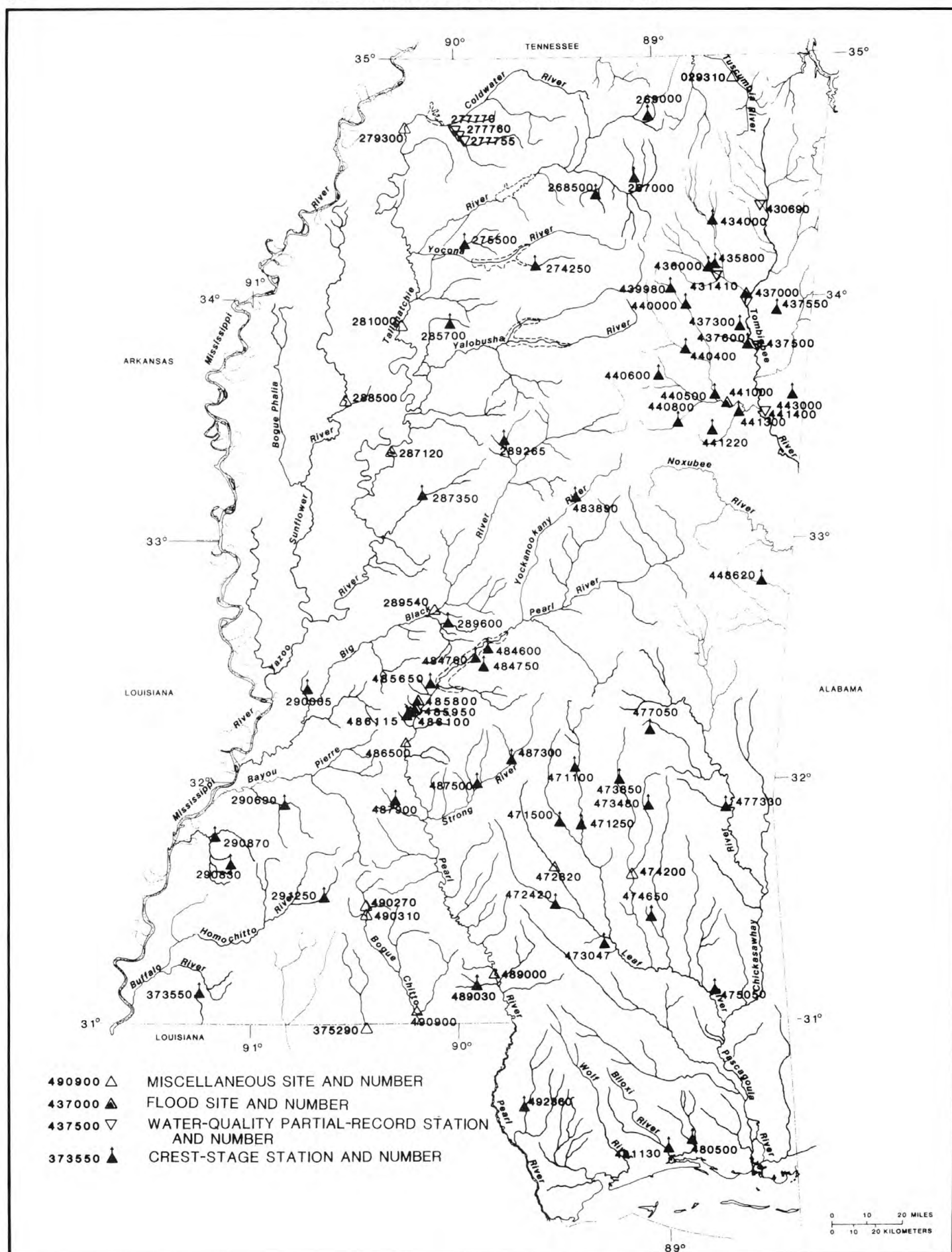


Figure 5.—Location of partial-record stations.

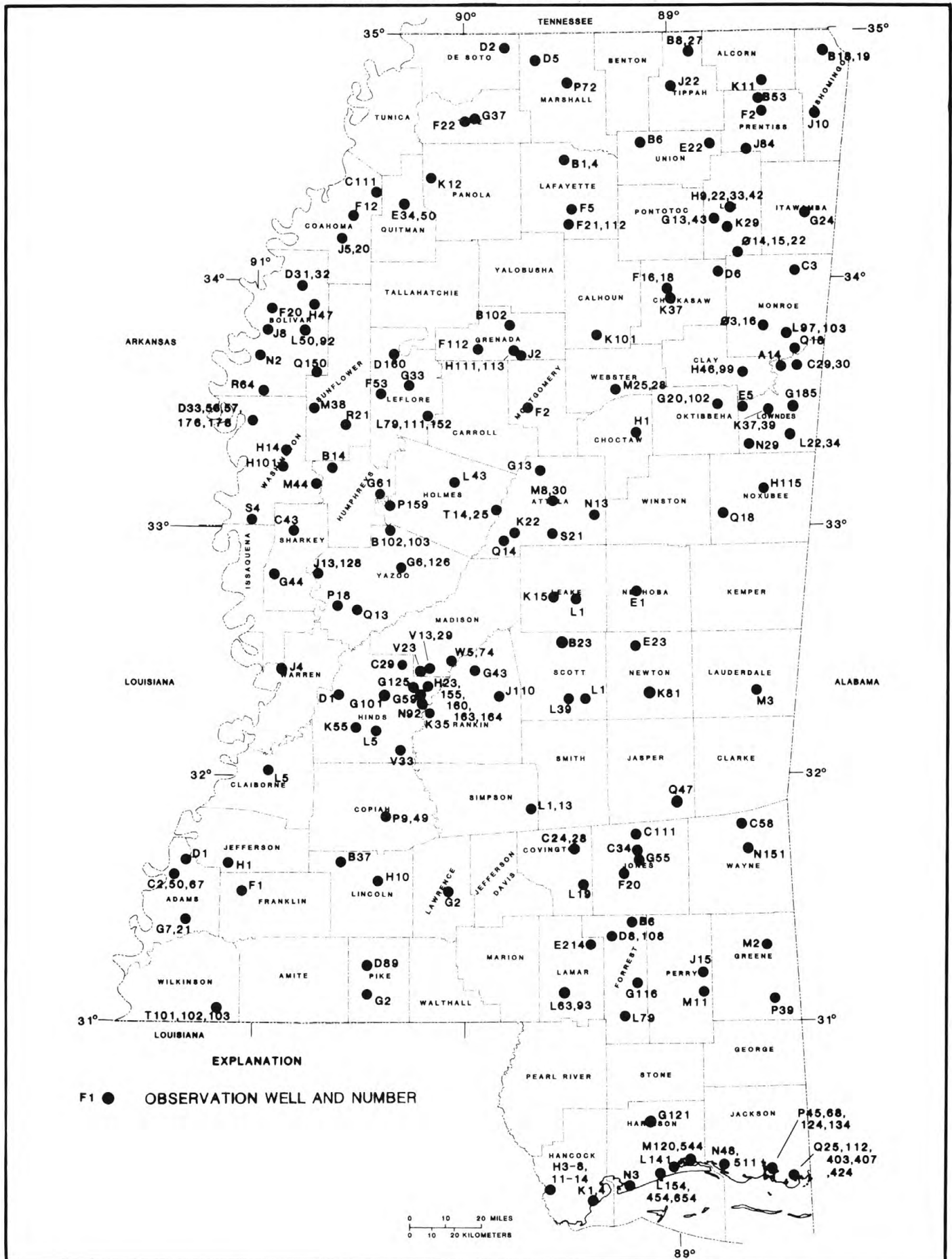


Figure 6.--Location of observation wells.

HYDROLOGIC-DATA STATION RECORDS

EASTERN GULF OF MEXICO BASINS

MOBILE RIVER BASIN

02429900 BIG BROWN CREEK NEAR BOONEVILLE, MS

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

DRAINAGE AREA.--27.1 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1952-56, 1958-60, 1972, annual maximum stage, 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: Dec. 2-14, Feb. 25-26, Mar. 11- Apr. 10, June 13-14, July 3 - Sept. 22. Records poor.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 1	0800	2030	19.93	Mar. 10	0100	*2070	*20.02
Dec. 13	1430	1900	19.59				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.2	18	1240	58	52	79	e12	28	3.0	91	e7.0	e58
2	2.1	7.8	e1020	59	51	74	e11	25	2.5	35	e3.0	e87
3	2.1	5.4	e798	63	51	90	e10	20	114	e10	e2.5	e116
4	2.0	3.5	e166	56	51	76	e20	16	39	e5	e8.0	e68
5	2.0	3.3	e268	54	50	67	e34	14	16	e19	e7.5	e38
6	2.2	3.3	e292	53	48	64	e40	12	10	e82	e7.0	e33
7	2.1	3.4	e164	50	46	61	e70	12	81	e11	e6.0	e23
8	1.9	5.2	e124	136	44	58	e60	11	36	e8	e2.5	e22
9	2.0	4.6	e200	109	43	190	e50	11	27	e4	e3.0	e16
10	2.0	3.9	e124	78	43	473	e45	10	12	e3.5	e10	e12
11	2.1	3.8	e93	70	43	e120	42	7.9	32	e3.0	e12	e11
12	2.0	3.6	e99	83	44	e74	40	9.0	443	e2.6	e4.0	e8.0
13	2.0	3.2	e500	146	45	e82	38	12	e20	e2.5	e97	e7.0
14	2.1	3.3	e290	152	52	e60	37	8.0	e14	e2.6	e23	e9.0
15	3.5	3.4	131	95	115	e25	41	6.2	34	e3.1	e25	e20
16	2.5	3.4	105	82	64	e19	42	5.7	21	e2.9	e14	e5.0
17	2.3	3.4	92	78	66	e16	36	5.4	12	e2.8	e4.0	e12
18	2.4	3.5	82	74	78	e15	34	5.2	22	e2.7	e6.0	e32
19	2.4	3.7	75	70	61	e137	45	4.8	231	e2.6	e4.0	e15
20	2.4	82	72	68	55	e94	140	4.6	40	e2.5	e3.0	e12
21	2.5	33	71	67	53	e59	83	4.0	26	e2.8	e2.8	e10
22	2.5	36	72	69	52	e36	52	3.8	16	e2.9	e2.6	e69
23	2.8	20	114	98	130	e43	44	3.6	13	e3.0	e2.5	33
24	4.1	12	82	71	87	e125	45	3.4	9.1	e2.6	e33	20
25	4.9	8.6	72	66	e132	e88	39	3.6	7.5	e2.5	e15	16
26	4.1	7.5	69	62	e191	e58	35	4.4	48	e3.0	e4.0	36
27	3.7	7.0	66	62	121	e38	35	5.0	33	e12	e240	34
28	3.9	6.7	79	62	97	e30	33	3.8	13	e6.0	e380	20
29	3.5	6.3	71	58	86	e25	32	13	7.7	e2.5	e191	13
30	3.2	452	64	58	---	e19	31	16	70	e3.0	e94	9.6
31	3.1	---	60	55	---	e13	---	4.4	---	e20	e34	---
TOTAL	82.6	760.8	6755	2362	2051	2408	1276	292.8	1452.8	356.1	1247.4	864.6
MEAN	2.66	25.4	218	76.2	70.7	77.7	42.5	9.45	48.4	11.5	40.2	28.8
MAX	4.9	452	1240	152	191	473	140	28	443	91	380	116
MIN	1.9	3.2	60	50	43	13	10	3.4	2.5	2.5	2.5	5.0
CFSM	.10	.94	8.04	2.81	2.61	2.87	1.57	.35	1.79	.42	1.48	1.06
IN.	.11	1.04	9.27	3.24	2.82	3.31	1.75	.40	1.99	.49	1.71	1.19

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	9.08	40.4	73.7	84.7	87.7	94.2	85.8	75.4	31.5	10.8	6.72	8.40								
MAX	56.0	139	218	298	220	264	267	451	187	73.8	40.2	42.7								
(WY)	1976	1978	1992	1974	1990	1980	1983	1991	1989	1989	1992	1979								
MIN	.59	1.00	4.57	7.99	25.5	32.9	12.6	6.44	.54	1.03	.18	.38								
(WY)	1979	1982	1982	1981	1977	1988	1986	1988	1988	1977	1988	1988								

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	39531.2	19909.1	
ANNUAL MEAN	108	54.4	
HIGHEST ANNUAL MEAN			50.6
LOWEST ANNUAL MEAN			94.6
HIGHEST DAILY MEAN	2580	1240	2580
LOWEST DAILY MEAN	1.5	1.9	11.1a
ANNUAL SEVEN-DAY MINIMUM	1.6	2.0	.12
INSTANTANEOUS PEAK FLOW		2070	3900
INSTANTANEOUS PEAK STAGE		20.02	99.97
ANNUAL RUNOFF (CFSM)	4.00	2.01	1.87
ANNUAL RUNOFF (INCHES)	54.26	27.33	25.38
10 PERCENT EXCEEDS	202	110	98
50 PERCENT EXCEEDS	36	25	18
90 PERCENT EXCEEDS	2.5	2.8	.93

a Also occurred on Sept. 7 and 8, 1988.

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 discharges. Records are good.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	6.1	127	4.3	3.9	4.4	4.7	3.6	3.5	4.1	4.6	4.2
2	2.9	3.9	63	4.6	3.6	4.3	4.7	3.4	3.5	3.7	3.7	5.0
3	2.9	3.9	21	5.0	3.6	4.5	4.7	3.3	8.9	5.3	3.5	7.9
4	2.9	3.9	11	4.5	4.0	4.6	4.6	3.4	4.6	3.8	5.2	5.9
5	3.0	3.9	8.7	4.3	4.1	4.3	4.3	3.4	3.9	5.4	10	5.1
6	2.9	3.9	7.1	4.3	3.9	4.3	4.7	3.4	4.2	5.8	5.9	4.6
7	2.7	4.0	6.4	4.2	4.1	4.2	5.3	3.4	6.8	3.7	4.4	4.2
8	3.1	4.3	6.5	7.8	4.1	3.9	4.7	3.3	7.4	3.6	3.9	4.0
9	3.1	3.9	15	7.3	3.9	29	4.5	3.4	5.6	3.3	3.7	3.9
10	3.1	3.9	8.5	4.9	3.9	60	4.4	3.3	6.1	3.2	3.6	4.2
11	3.0	3.9	6.9	4.5	3.9	9.9	4.3	3.5	5.2	3.2	3.7	3.6
12	2.8	4.1	6.3	5.6	3.9	7.7	4.3	3.9	4.4	3.1	3.5	3.4
13	2.9	4.3	44	8.4	4.0	6.5	4.3	3.9	4.3	3.4	6.2	3.4
14	3.6	4.3	13	7.0	5.7	5.9	4.3	3.4	4.1	3.6	4.3	3.4
15	3.6	4.3	9.2	5.2	6.8	5.4	4.1	3.3	3.7	7.1	4.0	3.3
16	3.5	4.3	7.9	4.7	4.8	5.1	3.9	3.3	3.6	3.7	3.5	3.2
17	3.5	4.3	7.0	4.6	5.5	5.1	3.9	3.3	3.3	3.3	3.5	3.7
18	3.5	4.3	6.2	4.7	5.7	7.7	4.9	3.5	4.4	3.2	3.5	3.9
19	3.4	4.3	5.9	4.3	4.7	5.6	9.1	3.6	5.1	3.3	3.5	3.7
20	3.5	9.2	5.6	4.3	4.5	5.0	5.4	3.5	3.7	3.3	3.5	3.6
21	3.5	5.3	5.5	4.3	4.3	4.9	4.4	3.1	3.4	4.1	3.5	3.5
22	3.7	6.2	5.6	4.3	4.3	7.0	4.4	3.3	3.3	4.6	3.4	4.5
23	3.9	5.0	6.9	4.5	9.0	6.3	4.7	3.3	3.3	3.7	4.4	3.7
24	4.7	4.6	5.6	4.0	5.4	5.5	3.9	3.4	3.3	3.5	6.1	3.5
25	4.5	4.3	5.3	3.9	8.8	5.5	3.9	3.5	3.5	3.5	4.0	3.5
26	4.0	4.3	5.1	4.2	8.2	5.3	3.8	3.5	4.7	3.4	3.5	4.6
27	3.7	4.1	5.1	4.0	5.8	5.0	3.9	3.9	3.6	3.8	31	3.8
28	3.5	4.3	6.4	3.9	5.3	4.8	3.8	3.5	3.3	4.4	13	3.5
29	3.7	4.5	5.1	3.9	4.7	5.0	3.7	5.1	3.4	4.4	6.2	3.7
30	3.9	22	4.7	3.9	---	5.3	3.7	3.9	4.0	5.7	4.9	3.2
31	4.0	---	4.5	3.9	---	5.1	---	3.5	---	8.3	4.3	---
TOTAL	106.0	153.6	446.0	149.3	144.4	247.1	135.3	109.1	132.1	128.5	172.0	121.7
MEAN	3.42	5.12	14.4	4.82	4.98	7.97	4.51	3.52	4.40	4.15	5.55	4.06
MAX	4.7	22	127	8.4	9.0	60	9.1	5.1	8.9	8.3	31	7.9
MIN	2.7	3.9	4.5	3.9	3.6	3.9	3.7	3.1	3.3	3.1	3.4	3.2
CFSM	1.70	2.55	7.16	2.40	2.48	3.97	2.24	1.75	2.19	2.06	2.76	2.02
IN.	1.96	2.84	8.25	2.76	2.67	4.57	2.50	2.02	2.44	2.38	3.18	2.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1992, BY WATER YEAR (WY)

	4.54	6.27	7.72	7.67	7.87	9.20	7.90	7.78	4.86	4.23	3.88	4.55
MEAN	4.54	6.27	7.72	7.67	7.87	9.20	7.90	7.78	4.86	4.23	3.88	4.55
MAX	7.30	14.0	17.7	25.2	16.0	26.4	15.8	27.7	8.02	5.82	6.31	15.4
(WY)	1978	1978	1983	1974	1991	1973	1983	1991	1973	1974	1979	1979
MIN	3.10	3.44	3.75	3.49	4.31	4.47	3.74	2.65	2.30	2.38	2.16	2.47
(WY)	1983	1991	1989	1981	1978	1986	1986	1988	1988	1987	1988	1987

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1966 - 1992

ANNUAL TOTAL	3429.9	2045.1	6.37
ANNUAL MEAN	9.40	5.59	9.88
HIGHEST ANNUAL MEAN			3.79
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	328	May 26	328
LOWEST DAILY MEAN	2.7	Sep 17	2.7
ANNUAL SEVEN-DAY MINIMUM	2.7	Sep 17	2.9
INSTANTANEOUS PEAK FLOW			361
INSTANTANEOUS PEAK STAGE			5.19
ANNUAL RUNOFF (CFSM)	4.68		2.78
ANNUAL RUNOFF (INCHES)	63.48		37.85
10 PERCENT EXCEEDS	14		7.0
50 PERCENT EXCEEDS	5.2		4.2
90 PERCENT EXCEEDS	3.1		3.3

MOBILE RIVER BASIN

02430085 RED BUD CREEK NEAR MOORES MILL, MS

LOCATION.--34°28'00", long 88°17'00", in SW4SE4 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.--Estimated daily discharges: Apr. 15 to Sept. 30. Records are poor due to beaver activity on control and missing record.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 550 ft³/s (revised) and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 1	1230	*2,130	*12.92	Mar. 10	0330	1,500	12.14

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	28	1180	13	7.1	12	25	e3.3	e5.5	e13	e4.3	e23
2	2.5	6.3	749	16	6.0	10	22	e3.2	e7.1	e7.6	e4.2	e15
3	4.7	4.0	251	27	6.2	10	21	e3.2	e12	e17	e4.5	e19
4	6.1	3.5	84	15	6.4	11	21	e3.3	e15	e12	e24	e15
5	10	3.5	61	13	6.5	8.1	17	e3.3	e16	e16	e93	e9.0
6	7.7	3.6	46	12	5.9	6.8	17	e3.4	e10	e42	e44	e8.0
7	6.0	3.6	36	11	5.6	6.7	24	e3.3	e31	e20	e29	e7.8
8	6.1	5.3	33	19	5.0	5.7	20	e3.4	e28	e11	e12	e8.1
9	6.1	4.2	96	30	4.3	51	17	e3.6	e26	e6.7	e13	e8.3
10	6.3	4.0	69	16	4.3	546	16	e3.4	e18	e5.0	e12	e8.0
11	6.5	3.8	50	13	4.5	94	15	e3.3	e15	e3.9	e4.3	e7.9
12	6.4	3.5	41	23	4.8	69	13	e3.3	e33	e3.4	e4.0	e7.4
13	5.9	3.5	180	49	5.5	54	11	e3.3	e29	e15	e24	e7.0
14	10	3.8	101	52	8.2	46	11	e3.5	e20	e27	e12	e6.5
15	12	3.5	60	32	43	39	e10	e3.3	e12	e31	e10	e6.3
16	7.5	3.5	46	24	11	34	e10	e2.9	e7.7	e19	e8.7	e6.2
17	7.3	3.5	37	21	20	33	e9.5	e2.9	e5.9	e20	e5.5	e6.1
18	7.4	3.5	29	18	37	69	e9.3	e3.3	e6.0	e19	e5.2	e6.0
19	7.3	3.6	24	15	16	54	e9.0	e3.3	e15	e9.2	e5.5	e6.0
20	7.6	69	22	14	11	40	e58	e3.0	e6.7	e4.9	e6.3	e6.1
21	7.7	24	22	13	8.9	36	e37	e4.0	e4.7	e3.6	e7.2	e5.9
22	8.1	33	22	14	8.1	52	e12	e3.0	e4.3	e16	e7.6	e5.9
23	14	14	29	23	45	64	e8.0	e3.3	e4.3	e9.1	e13	e5.9
24	21	9.1	21	13	25	45	e7.0	e3.0	e4.0	e19	e31	e5.8
25	14	7.3	17	11	46	42	e6.0	e3.3	e4.1	e29	e12	e5.7
26	8.8	6.7	16	9.3	57	37	e5.2	e3.3	e17	e7.9	e11	e5.6
27	8.4	6.3	16	9.9	33	31	e5.0	e2.9	e12	e4.4	e100	e5.6
28	8.7	5.9	29	11	23	28	e4.5	e3.3	e6.9	e4.9	e38	e5.6
29	7.6	5.8	21	9.2	16	28	e3.5	e20	e5.6	e6.4	e35	e5.6
30	7.7	83	16	8.8	---	39	e3.4	e4.5	e6.2	e6.3	e25	e5.6
31	7.9	---	14	8.0	---	29	---	e3.3	---	e4.0	e33	---
TOTAL	249.7	362.3	3418	563.2	480.3	1630.3	447.4	119.4	388.0	413.3	638.3	243.9
MEAN	8.05	12.1	110	18.2	16.6	52.6	14.9	3.85	12.9	13.3	20.6	8.13
MAX	21	83	1180	52	57	546	58	20	33	43	100	23
MIN	2.4	3.5	14	8.0	4.3	5.7	3.4	2.9	4.0	3.4	4.0	5.6
CFSM	.51	.77	7.02	1.16	1.05	3.35	.95	.25	.82	.85	1.31	.52
IN.	.59	.86	8.10	1.33	1.14	3.86	1.06	.28	.92	.98	1.51	.58

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1992, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	11.0	25.0	44.5	36.3	45.6	45.6	38.2	39.8	17.7	11.1	7.13	8.29						
MAX	24.4	64.5	128	79.8	108	119	116	207	56.5	50.2	20.6	34.5						
(WY)	1976	1987	1991	1979	1990	1980	1991	1991	1989	1989	1992	1979						
MIN	3.68	5.00	10.2	10.2	16.6	20.2	8.58	3.85	3.25	3.14	2.54	2.08						
(WY)	1979	1982	1982	1986	1992	1982	1986	1992	1988	1977	1981	1987						

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1975 - 1992

	1991	1992	1975-1992
ANNUAL TOTAL	20776.4	8954.1	
ANNUAL MEAN	56.9	24.5	27.3
HIGHEST ANNUAL MEAN			58.0
LOWEST ANNUAL MEAN			12.6
HIGHEST DAILY MEAN	1200	May 26	1200
LOWEST DAILY MEAN	2.2	Sep 3	1.4
ANNUAL SEVEN-DAY MINIMUM	2.3	Sep 17	1.6
INSTANTANEOUS PEAK FLOW			2130
INSTANTANEOUS PEAK STAGE			12.92
ANNUAL RUNOFF (CFSM)	3.63	1.56	1.74
ANNUAL RUNOFF (INCHES)	49.23	21.22	23.66
10 PERCENT EXCEEDS	103	42	51
50 PERCENT EXCEEDS	16	10	13
90 PERCENT EXCEEDS	3.5	3.5	3.3

02430100 MACKEYS CREEK NEAR MOORES MILL, MS

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

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

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

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

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Tennessee-Tombigbee Waterway minimum-flow structures. Normal operation of minimum-flow structures began October 1987. Statistics shown below are for water years 1987 to the current year, except for instantaneous extremes, which are shown for the entire period of record. U.S. Army Corp of Engineers radio telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	61	318	54	73	78	72	62	68	68	67	68
2	73	61	165	54	72	78	69	67	68	69	68	74
3	74	59	85	54	72	79	71	62	70	70	64	80
4	73	56	50	54	71	86	71	59	70	71	65	84
5	72	57	47	51	69	79	69	63	69	70	72	88
6	74	57	46	56	71	82	71	67	70	72	76	80
7	72	56	44	69	70	83	71	71	79	69	74	87
8	69	53	45	70	73	82	74	70	79	67	77	80
9	73	55	52	70	75	86	75	72	73	72	76	77
10	74	52	44	70	73	186	71	69	76	73	72	74
11	72	51	54	70	72	89	71	70	72	69	75	75
12	72	50	67	69	70	89	71	69	87	68	75	75
13	70	49	83	73	69	88	70	68	81	72	80	74
14	72	50	70	73	67	87	71	71	76	72	72	75
15	70	51	65	69	71	85	69	70	74	71	69	77
16	70	46	64	69	68	83	72	70	74	70	72	76
17	69	46	62	66	66	81	73	67	74	67	72	75
18	68	45	62	67	69	85	70	66	74	69	72	76
19	64	43	68	70	69	82	69	66	76	67	76	74
20	66	42	66	67	67	81	76	64	74	64	73	77
21	66	40	61	65	83	83	71	64	71	68	70	78
22	65	42	61	66	78	82	70	64	72	67	71	76
23	64	41	60	66	83	83	69	63	68	71	74	79
24	68	42	60	63	80	80	66	64	77	70	80	74
25	67	43	60	65	85	85	66	67	70	71	83	72
26	62	40	57	64	82	82	66	69	75	67	77	75
27	60	42	59	65	81	78	64	67	75	68	89	74
28	64	41	60	63	78	79	65	65	71	68	81	77
29	63	41	57	63	76	76	64	75	68	67	76	80
30	61	56	55	69	---	76	66	70	68	65	75	79
31	60	---	55	73	---	74	---	66	---	67	73	---
TOTAL	2121	1468	2202	2017	2133	2647	2093	2077	2199	2139	2296	2310
MEAN	68.4	48.9	71.0	65.1	73.6	85.4	69.8	67.0	73.3	69.0	74.1	77.0
MAX	74	61	318	73	85	186	76	75	87	73	89	88
MIN	60	40	44	51	66	74	64	59	68	64	64	68
CFSM	.58	.42	.60	.55	.63	.73	.59	.57	.62	.59	.63	.66
IN.	.67	.46	.70	.64	.68	.84	.66	.66	.70	.68	.73	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1992, BY WATER YEAR (WY)

	MEAN	67.7	66.9	67.9	67.1	74.7	75.1	71.5	73.3	72.4	68.6	66.9	69.1
MAX	72.5	79.0	79.7	82.0	82.0	85.4	79.7	90.0	79.6	72.7	74.1	77.0	77.0
(WY)	1988	1988	1988	1988	1991	1992	1988	1991	1991	1991	1992	1992	1992
MIN	60.3	48.9	60.8	56.8	60.8	57.9	64.8	64.5	64.9	64.3	58.8	58.9	58.9
(WY)	1991	1992	1987	1991	1987	1987	1987	1987	1987	1987	1987	1987	1987

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1987 - 1992

ANNUAL TOTAL	26019	25702	70.1
ANNUAL MEAN	71.3	70.2	75.4
HIGHEST ANNUAL MEAN			62.7
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	345	May 26	345
LOWEST DAILY MEAN	20	Jan 4	20
ANNUAL SEVEN-DAY MINIMUM	22	Jan 2	22
INSTANTANEOUS PEAK FLOW		41	Nov 20
INSTANTANEOUS PEAK STAGE		689	Dec 1
10 PERCENT EXCEEDS	85	81	80
50 PERCENT EXCEEDS	68	70	69
90 PERCENT EXCEEDS	52	55	60

a Also occurred on Nov. 26.

b Based on rating curve extended above 400 ft³/s on basis of runoff comparisons with nearby streams.

MOBILE RIVER BASIN

02430100 MACKEYS CREEK NEAR MOORES MILL, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.09	3.05	5.77	2.97	3.27	3.42	3.26	3.10	3.20	3.13	3.12	3.15
2	3.08	3.05	4.40	2.98	3.26	3.42	3.21	3.18	3.19	3.14	3.13	3.23
3	3.09	3.02	3.47	2.98	3.26	3.43	3.23	3.09	3.23	3.17	3.07	3.34
4	3.08	2.98	2.97	2.97	3.24	3.54	3.23	3.03	3.22	3.18	3.09	3.41
5	3.06	3.00	2.89	2.91	3.21	3.43	3.21	3.11	3.20	3.17	3.19	3.48
6	3.10	3.00	2.88	2.99	3.25	3.48	3.23	3.19	3.21	3.20	3.27	3.35
7	3.06	3.00	2.83	3.23	3.23	3.50	3.23	3.25	3.34	3.14	3.23	3.46
8	3.01	2.94	2.84	3.24	3.28	3.47	3.27	3.24	3.34	3.12	3.29	3.35
9	3.07	2.99	2.98	3.25	3.31	3.53	3.29	3.29	3.24	3.19	3.26	3.32
10	3.09	2.95	2.83	3.24	3.27	4.60	3.22	3.23	3.28	3.22	3.20	3.27
11	3.08	2.93	3.00	3.24	3.26	3.56	3.22	3.24	3.21	3.15	3.25	3.28
12	3.08	2.91	3.26	3.22	3.22	3.56	3.21	3.23	3.43	3.13	3.26	3.28
13	3.06	2.92	3.50	3.29	3.21	3.54	3.21	3.22	3.35	3.19	3.33	3.27
14	3.10	2.93	3.31	3.28	3.17	3.53	3.23	3.27	3.27	3.19	3.20	3.29
15	3.07	2.97	3.22	3.20	3.24	3.51	3.20	3.26	3.23	3.18	3.15	3.32
16	3.09	2.88	3.20	3.21	3.19	3.47	3.25	3.25	3.24	3.16	3.19	3.30
17	3.07	2.88	3.15	3.16	3.16	3.44	3.27	3.21	3.23	3.11	3.20	3.29
18	3.07	2.86	3.16	3.18	3.20	3.49	3.22	3.18	3.24	3.15	3.20	3.30
19	2.99	2.84	3.26	3.22	3.20	3.46	3.21	3.18	3.27	3.12	3.27	3.29
20	3.04	2.82	3.21	3.18	3.17	3.43	3.31	3.15	3.23	3.06	3.21	3.33
21	3.05	2.79	3.13	3.14	3.50	3.45	3.23	3.16	3.18	3.14	3.17	3.34
22	3.04	2.83	3.12	3.15	3.45	3.43	3.22	3.16	3.19	3.12	3.18	3.31
23	3.04	2.80	3.10	3.16	3.52	3.45	3.20	3.13	3.12	3.19	3.24	3.37
24	3.12	2.82	3.10	3.10	3.47	3.41	3.16	3.16	3.28	3.17	3.33	3.28
25	3.10	2.84	3.10	3.14	3.53	3.48	3.16	3.21	3.17	3.19	3.37	3.26
26	3.02	2.78	3.04	3.13	3.50	3.43	3.17	3.25	3.26	3.11	3.29	3.30
27	2.98	2.82	3.08	3.14	3.47	3.37	3.12	3.22	3.24	3.13	3.45	3.29
28	3.06	2.78	3.09	3.10	3.43	3.39	3.15	3.18	3.19	3.14	3.35	3.35
29	3.06	2.79	3.03	3.10	3.40	3.33	3.13	3.33	3.13	3.12	3.26	3.40
30	3.02	3.06	3.00	3.20	---	3.33	3.17	3.25	3.13	3.09	3.26	3.38
31	3.02	---	3.00	3.27	---	3.30	---	3.17	---	3.12	3.23	---
MEAN	3.06	2.91	3.22	3.15	3.31	3.49	3.21	3.20	3.23	3.15	3.23	3.32
MAX	3.12	3.06	5.77	3.29	3.53	4.60	3.31	3.33	3.43	3.22	3.45	3.48
MIN	2.98	2.78	2.83	2.91	3.16	3.30	3.12	3.03	3.12	3.06	3.07	3.15

CAL YR 1991 MEAN 3.16 MAX 5.96 MIN 1.99
WTR YR 1992 MEAN 3.21 MAX 5.77 MIN 2.78

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, prior to construction of Tennessee-Tombigbee Waterway.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1937 to September 1950. October 1968 to September 1977 (annual maximums only). October 1988 to 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.--No estimated daily discharges. Records fair. Discharges above 500 ft³/s not determined. Satellite telemeter, telemeter, and U.S. Army Corps of Engineers radio telemeter at station.

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; maximum gage height, 15.24 ft, May 27, 1991 (discharge not determined); minimum discharge, 10 ft³/s, Aug. 18, 1943, gage height, 2.30 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, maximum gage height, 14.02 ft, Dec. 1, minimum daily discharge, 81 ft³/s, May 24.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	136	179	---	272	251	389	279	157	97	382	330	312
2	136	156	---	266	243	349	253	146	96	241	180	257
3	134	113	---	286	239	329	239	141	335	181	141	---
4	135	130	---	270	235	343	234	125	446	188	148	---
5	134	175	---	255	235	323	216	118	230	155	219	---
6	136	178	---	243	227	311	209	122	152	460	467	373
7	135	126	---	246	221	312	248	122	464	316	411	299
8	134	124	432	335	212	292	243	120	382	194	265	254
9	131	191	---	---	206	---	225	120	---	145	259	218
10	126	120	---	---	204	---	215	115	413	128	197	205
11	130	125	---	400	211	---	208	113	278	115	275	204
12	129	166	---	381	209	---	203	106	347	100	175	165
13	127	107	---	---	220	---	185	117	---	108	193	157
14	132	108	---	---	222	---	187	114	---	108	211	147
15	147	125	---	---	---	492	187	110	307	143	223	143
16	138	124	---	---	414	415	210	101	204	164	147	134
17	134	122	---	430	325	381	192	104	160	123	130	129
18	132	120	473	377	421	---	180	100	135	124	117	153
19	127	119	400	341	372	---	192	98	---	108	114	151
20	128	283	363	318	307	461	425	93	461	97	106	141
21	129	251	342	303	281	385	---	94	250	93	99	151
22	127	200	332	296	276	385	417	90	162	98	99	187
23	128	168	417	365	---	---	285	87	134	125	108	218
24	136	133	415	343	---	---	238	84	127	157	344	154
25	148	135	335	287	---	437	220	143	121	144	331	136
26	128	122	308	274	---	392	187	167	172	172	166	152
27	110	117	295	265	---	342	181	112	355	118	---	219
28	133	115	350	267	---	306	175	97	190	367	---	165
29	146	126	379	262	460	296	168	106	130	211	---	142
30	141	---	320	256	---	337	164	170	145	230	---	129
31	141	---	289	258	---	323	---	116	---	373	468	---
TOTAL	4128	---	---	---	---	---	---	3608	---	5668	---	---
MEAN	133	---	---	---	---	---	---	116	---	183	---	---
MAX	148	---	---	---	---	---	---	170	---	460	---	---
MIN	110	---	---	---	---	---	---	84	---	93	---	---

MOBILE RIVER BASIN

02430500 TOMBIGBEE RIVER NEAR MARIETTA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972-73, 1989 to current year.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
OCT 09...	1820	126	28	9.5
NOV 20...	1500	446	376	453
FEB 27...	1335	686	45	83
APR 09...	1600	225	94	57
MAY 28...	1645	95	80	21
JUL 28...	1933	377	172	175
SEP 17...	1300	138	30	11

02430615 MUD CREEK NEAR FAIRVIEW, MS

LOCATION.--Lat 34°23'32", long 88°21'17", in NW4NE4 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.--Estimated daily discharges: Mar. 27 - Apr. 9. Records good except estimated daily discharges, which are poor. U.S. Army Corps of Engineers radio telemeter at station.

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)
Dec. 12	1345	*1,010	*9.84	Mar. 10	0315	821	9.58

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.2	30	753	17	15	18	e19	11	7.9	9.3	11	7.5
2	9.4	13	556	18	15	18	e19	10	7.7	8.1	8.5	12
3	9.4	12	199	20	15	17	e18	9.5	45	9.7	8.4	28
4	9.4	12	46	18	15	18	e17	9.1	15	8.5	16	17
5	11	12	32	17	15	17	e17	8.9	10	10	13	14
6	11	12	27	17	15	16	e17	8.9	9.1	35	20	10
7	10	12	24	17	15	16	e20	9.0	21	10	14	8.9
8	10	14	26	20	15	15	e16	9.0	21	8.3	10	8.0
9	10	13	72	23	15	78	e15	8.7	16	7.4	9.5	7.5
10	10	13	33	18	15	311	15	8.5	13	6.9	9.1	7.2
11	10	13	25	17	15	51	14	8.3	12	6.5	10	7.0
12	9.8	13	23	21	15	38	13	8.4	68	6.3	13	6.5
13	9.7	13	73	37	15	33	12	8.5	28	7.5	19	6.4
14	13	13	36	26	18	30	12	8.2	14	8.7	11	6.4
15	13	13	25	19	34	28	11	7.9	11	17	9.4	6.3
16	11	12	22	17	17	26	11	7.9	9.4	11	8.5	6.1
17	11	12	21	17	20	26	10	8.7	8.3	11	8.0	7.8
18	11	13	20	17	31	54	9.9	11	10	9.1	7.6	10
19	11	13	20	17	18	34	14	8.3	42	7.7	7.3	8.5
20	11	84	19	17	16	26	67	7.8	11	7.0	7.2	7.9
21	11	23	19	16	16	25	28	21	8.7	6.8	7.1	7.5
22	12	29	19	17	16	38	17	9.1	7.8	8.8	7.1	8.1
23	13	18	22	20	61	37	14	7.9	7.4	8.1	7.6	8.0
24	17	17	19	17	25	26	13	7.6	7.1	41	38	7.2
25	16	16	18	16	42	25	12	8.0	6.9	26	10	7.1
26	14	16	18	16	34	24	12	8.6	30	10	7.7	7.7
27	13	15	18	16	24	e22	12	8.7	14	10	63	7.7
28	13	15	23	16	20	e21	12	8.0	9.0	35	23	6.7
29	13	15	20	16	19	e20	11	12	7.9	13	11	6.2
30	13	49	18	16	---	e28	11	11	8.4	16	8.8	6.0
31	13	---	18	15	---	e20	---	8.5	---	11	8.0	---
TOTAL	357.9	555	2264	571	606	1156	488.9	288.0	486.6	390.7	411.8	265.2
MEAN	11.5	18.5	73.0	18.4	20.9	37.3	16.3	9.29	16.2	12.6	13.3	8.84
MAX	17	84	753	37	61	311	67	21	68	41	63	28
MIN	9.2	12	18	15	15	15	9.9	7.6	6.9	6.3	7.1	6.0
CFSM	1.04	1.67	6.58	1.66	1.88	3.36	1.47	.84	1.46	1.14	1.20	.80
IN.	1.20	1.86	7.59	1.91	2.03	3.87	1.64	.97	1.63	1.31	1.38	.89

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1992, BY WATER YEAR (WY)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	9.41	18.6	30.3	23.5	29.2	29.7	25.8	25.2	14.0	9.25	6.73	7.94						
MAX	21.3	46.3	95.7	47.1	78.0	71.3	82.8	134	33.1	19.4	20.9	18.3						
(WY)	1976	1987	1991	1979	1991	1980	1991	1991	1989	1975	1975	1975						
MIN	4.14	4.51	8.41	8.41	12.9	10.2	5.62	6.04	2.85	3.29	2.21	2.78						
(WY)	1979	1982	1982	1986	1986	1982	1986	1981	1988	1988	1981	1986						

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1975 - 1992

	1991	1992	1975-1992
ANNUAL TOTAL	16294.0	7841.1	
ANNUAL MEAN	44.6	21.4	18.9
HIGHEST ANNUAL MEAN			45.2
LOWEST ANNUAL MEAN			9.80
HIGHEST DAILY MEAN	798	753	798
LOWEST DAILY MEAN	8.3	6.0	1.4
ANNUAL SEVEN-DAY MINIMUM	8.7	6.6	1.5
INSTANTANEOUS PEAK FLOW		1010	1390
INSTANTANEOUS PEAK STAGE		9.84	10.48
ANNUAL RUNOFF (CFSM)	4.02	1.93	1.70
ANNUAL RUNOFF (INCHES)	54.61	26.28	23.16
10 PERCENT EXCEEDS	64	30	33
50 PERCENT EXCEEDS	20	13	11
90 PERCENT EXCEEDS	10	7.7	3.9

MOBILE RIVER BASIN

02430680 TWENTYMILE CREEK NEAR GUNTOWN, MS

LOCATION.--Lat 34°27'11", long 88°34'37", in SW4 sec.21, T.7 S., R.7 E., Chickasaw Meridian, Lee County, Hydro-logic 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.

WATER-DISCHARGE RECORDS

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

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.

REMARKS.--Estimated daily discharges: Oct. 7-9. Records good except estimated daily discharges, which are poor. U.S. Army Corps of Engineers radio telemeter at station.

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)
Dec. 1	1500	*22,000	*28.79	Mar. 10	0430	16,200	27.76
Dec. 2	1830	16,200	27.75	Aug. 27	2030	14,200	27.07
Dec. 13	1215	9,640	22.31				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	62	14100	67	53	100	80	24	9.0	665	37	47
2	1.7	31	8790	64	48	88	69	22	6.7	111	20	83
3	1.8	12	2950	68	46	81	61	19	501	64	16	361
4	1.9	7.1	316	60	46	91	58	18	132	42	15	171
5	2.0	6.2	169	54	46	78	52	15	39	47	235	73
6	1.7	5.1	122	52	43	73	52	13	25	510	126	50
7	el.7	5.3	95	48	41	66	87	12	444	80	38	39
8	el.6	7.1	90	650	38	62	81	12	46	42	36	31
9	el.6	8.6	1780	430	35	903	65	12	425	31	36	27
10	1.5	7.1	577	151	35	7020	58	12	140	27	46	81
11	1.8	6.1	201	96	36	465	53	9.5	364	22	58	33
12	1.8	5.6	136	193	37	246	50	13	71	19	22	21
13	1.8	5.7	3760	814	40	167	44	17	48	17	585	18
14	2.4	5.4	758	818	59	135	42	14	39	16	94	17
15	5.5	6.4	236	195	821	108	41	13	29	117	57	16
16	5.1	6.4	157	121	154	89	43	10	22	31	28	15
17	3.5	6.4	124	100	411	86	37	8.3	18	51	21	15
18	2.5	6.6	98	91	487	483	34	8.5	85	27	17	32
19	2.2	7.7	82	77	161	320	51	9.0	1820	19	14	26
20	2.4	323	74	70	98	145	688	8.4	111	15	12	20
21	2.5	55	70	68	80	107	303	52	49	13	9.7	43
22	2.3	26	70	68	70	275	95	17	31	16	35	167
23	3.4	20	234	168	866	769	61	8.2	24	23	17	67
24	15	14	132	108	311	182	49	6.6	22	25	38	30
25	20	10	82	75	720	133	40	6.1	18	27	24	23
26	9.3	9.1	70	65	1380	116	32	8.0	270	29	14	129
27	7.0	8.5	72	62	297	94	30	11	72	16	5140	92
28	6.8	8.3	206	68	179	78	29	9.1	30	177	3050	38
29	5.6	8.0	155	64	129	78	28	9.8	22	51	190	25
30	5.1	2530	97	60	---	132	27	25	336	72	91	19
31	5.3	---	77	57	---	105	---	14	---	53	64	---
TOTAL	128.8	3219.7	35880	5082	6767	12875	2440	436.5	5248.7	2455	10185.7	1809
MEAN	4.15	107	1157	164	233	415	81.3	14.1	175	79.2	329	60.3
MAX	20	2530	14100	818	1380	7020	688	52	1820	665	5140	361
MIN	1.5	5.1	70	48	35	62	27	6.1	6.7	13	9.7	15
CFSM	.03	.82	8.84	1.25	1.78	3.17	.62	.11	1.34	.60	2.51	.46
IN.	.04	.91	10.19	1.44	1.92	3.66	.69	.12	1.49	.70	2.89	.51

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 1992, BY WATER YEAR (WY)

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	
MEAN	29.2	252	482	271	524	318	311	401	142	44.2	42.8	16.5
MAX	97.7	785	1157	898	1195	530	912	1946	711	282	329	60.3
(WY)	1986	1984	1992	1989	1990	1991	1991	1989	1989	1989	1992	1992
MIN	1.02	7.36	60.7	19.6	132	114	16.8	11.0	1.09	1.98	1.77	1.15
(WY)	1988	1991	1986	1986	1986	1988	1986	1988	1988	1990	1988	1984

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1982 - 1992

	1991 CALENDAR YEAR	1992 WATER YEAR	WATER YEARS 1982 - 1992
ANNUAL TOTAL	181772.29	86527.4	
ANNUAL MEAN	498	236	
HIGHEST ANNUAL MEAN			237
LOWEST ANNUAL MEAN			435
HIGHEST DAILY MEAN			66.6
LOWEST DAILY MEAN	15500	May 26	15500
ANNUAL SEVEN-DAY MINIMUM	.64	Oct 10	.00
INSTANTANEOUS PEAK FLOW	.75	Oct 6	.05
INSTANTANEOUS PEAK STAGE		Dec 1	41500
INSTANTANEOUS LOW FLOW		Dec 1	30.88
ANNUAL RUNOFF (CFSM)	3.80	Oct 7	.00
ANNUAL RUNOFF (INCHES)	51.62		1.81
10 PERCENT EXCEEDS	794		24.62
50 PERCENT EXCEEDS	67		379
90 PERCENT EXCEEDS	1.7		38

a Also occurred on October 9 and 10.

02430680 TWENTYMILE CREEK NEAR GUNTOWN, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1989 to current year.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE D (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE D (T/DAY) (80155)
NOV				
22...	0855	26	183	13
FEB				
28...	0925	182	46	23
APR				
09...	1715	58	80	13
MAY				
28...	1425	7.8	75	1.6
JUL				
28...	1621	58	193	30
SEP				
17...	1100	13	30	1.1

MOBILE RIVER BASIN

02430880 CUMMINGS CREEK NEAR FULTON, MS

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

DRAINAGE AREA.--19.1 mi².

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

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

REMARKS.--Estimated daily discharges: April 8-9. Records fair. U.S. Army Corps of Engineers radio telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	55	670	27	26	28	31	24	13	9.9	11	14
2	18	28	589	30	25	29	29	23	12	8.8	11	29
3	18	23	250	34	25	32	30	21	39	8.7	10	37
4	18	22	98	28	25	27	31	20	24	8.5	18	25
5	21	22	70	28	25	20	30	19	15	8.8	30	24
6	19	21	54	26	24	19	29	19	13	48	28	21
7	18	21	46	26	23	19	38	18	21	15	18	15
8	18	25	46	27	22	17	e35	16	22	9.4	13	11
9	18	22	107	42	21	35	e31	15	41	7.9	14	11
10	17	21	69	28	21	185	26	15	27	8.0	15	13
11	17	21	52	25	20	51	24	15	21	8.5	17	12
12	17	20	46	32	21	38	23	14	44	8.3	17	11
13	16	20	101	64	23	31	22	14	33	9.5	19	11
14	23	21	69	57	27	34	21	15	21	10	13	9.7
15	24	20	51	35	20	35	21	15	16	38	9.8	9.6
16	19	20	45	30	31	33	20	15	14	21	11	8.6
17	19	20	42	29	36	34	20	14	15	13	10	10
18	19	21	38	27	47	71	19	14	15	14	6.5	16
19	18	21	36	26	31	53	25	14	18	11	6.1	13
20	19	119	35	25	27	39	94	14	13	9.1	6.6	12
21	19	41	35	23	25	36	59	17	13	11	6.8	12
22	19	50	35	23	24	55	37	13	13	38	7.1	13
23	25	31	41	36	87	57	31	13	13	18	10	12
24	41	28	33	25	42	38	29	13	14	14	14	12
25	37	25	31	22	64	36	26	13	13	23	14	12
26	29	24	30	21	59	34	24	13	30	12	9.5	13
27	23	26	30	23	39	31	25	13	20	10	100	13
28	22	25	46	28	33	28	25	12	10	25	44	12
29	21	25	33	29	30	30	25	18	9.4	34	20	11
30	20	59	29	29	---	31	25	18	9.2	38	16	12
31	20	---	28	27	---	30	---	14	---	14	14	---
TOTAL	649	897	2885	932	973	1236	905	491	581.6	512.4	539.4	434.9
MEAN	20.9	29.9	93.1	30.1	33.6	39.9	30.2	15.8	19.4	16.5	17.4	14.5
MAX	41	119	670	64	87	185	94	24	44	48	100	37
MIN	16	20	28	21	20	17	19	12	9.2	7.9	6.1	8.6
CFSM	1.10	1.57	4.87	1.57	1.76	2.09	1.58	.83	1.02	.87	.91	.76
IN.	1.26	1.75	5.62	1.82	1.90	2.41	1.76	.96	1.13	1.00	1.05	.85

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1992, BY WATER YEAR (WY)

	MEAN	18.7	32.9	48.5	41.5	48.3	53.4	47.5	45.0	23.6	17.2	13.9	16.7
MAX	42.6	71.4	135	80.6	106	116	108	173	58.2	38.1	38.1	37.0	37.0
(WY)	1976	1987	1991	1979	1991	1980	1983	1991	1991	1989	1975	1975	1975
MIN	8.37	13.4	18.1	16.5	23.0	23.5	13.3	10.3	5.34	5.55	4.03	4.05	4.05
(WY)	1991	1982	1982	1986	1986	1982	1986	1988	1988	1988	1988	1986	1986

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1975 - 1992

	ANNUAL TOTAL	23238	11036.3	
ANNUAL MEAN	63.7	30.2	33.7	
HIGHEST ANNUAL MEAN			65.0	1991
LOWEST ANNUAL MEAN			17.2	1986
HIGHEST DAILY MEAN	1040	Feb 19	670	Dec 1
LOWEST DAILY MEAN	11	Sep 18	6.1	Aug 19
ANNUAL SEVEN-DAY MINIMUM	12	Sep 15	7.6	Aug 17
INSTANTANEOUS PEAK FLOW			967	Dec 1
INSTANTANEOUS PEAK STAGE			11.18	Dec 1
ANNUAL RUNOFF (CFSM)	3.33		1.58	
ANNUAL RUNOFF (INCHES)	45.26		21.49	
10 PERCENT EXCEEDS	101		46	
50 PERCENT EXCEEDS	35		22	
90 PERCENT EXCEEDS	19		11	

02431000 TOMBIGBEE RIVER NEAR FULTON, MS

LOCATION.--Lat 34°15'53", long 88°26'42", in SE4 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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1928 to current year. Prior to October 1966, published as East Fork Tombigbee River near Fulton. 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.

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 since 1985. Statistics shown below are for water years 1985 to the current year, except for instantaneous extremes, which are shown for the entire period of record. Telemeter, satellite telemeter, and U.S. Army Corps of Engineers radio telemeter at station.

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)
Dec. 2	1500	*46,500	*24.18	Mar. 11	0200	18,500	19.59

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	130	154	5920	452	383	1200	743	229	132	706	315	1680
2	129	240	40600	421	372	945	680	213	114	641	295	801
3	129	178	39300	413	359	776	630	202	207	358	241	736
4	127	114	15500	415	353	697	590	196	760	298	202	927
5	129	130	6390	409	349	669	562	168	482	243	233	870
6	129	172	3250	384	344	621	526	157	335	423	596	834
7	126	176	1880	368	334	588	508	154	528	602	468	611
8	126	121	1200	363	322	564	548	151	584	394	418	446
9	123	123	1120	1080	310	580	519	148	473	307	384	364
10	123	180	2650	937	299	8030	485	148	926	240	335	320
11	119	116	2330	800	297	15100	463	142	862	191	313	435
12	118	124	1910	708	297	7290	446	136	767	157	293	305
13	118	164	1780	873	302	3430	426	135	495	144	434	260
14	117	102	6260	1690	312	2080	406	141	555	175	536	209
15	130	96	6270	1750	763	1480	396	137	683	177	370	186
16	136	116	3720	1510	1000	1140	398	135	520	332	282	171
17	130	117	2170	1140	790	947	397	130	368	233	212	154
18	125	114	1420	872	1100	984	381	125	281	218	175	156
19	125	111	929	707	1020	1480	371	122	1130	173	148	195
20	116	217	703	591	724	1340	531	117	1200	144	135	181
21	114	550	585	525	564	1160	1240	123	708	126	123	172
22	115	332	536	485	482	1010	994	185	455	122	117	216
23	115	260	521	491	711	1470	764	123	322	126	152	368
24	121	221	704	613	1380	1500	517	109	243	158	134	277
25	146	178	578	525	1260	1300	405	107	194	183	267	204
26	162	170	507	467	1930	1130	339	151	279	184	247	179
27	129	144	465	436	2360	979	290	157	497	184	449	328
28	103	116	481	427	2040	840	267	129	341	276	4500	276
29	126	115	667	426	1580	747	251	119	262	345	7350	203
30	140	186	578	408	---	724	243	142	210	349	5870	165
31	137	---	503	394	---	811	---	173	---	301	3260	---
TOTAL	3913	5137	151427	21080	22337	61612	15316	4604	14913	8510	28854	12229
MEAN	126	171	4885	680	770	1987	511	149	497	275	931	408
MAX	162	550	40600	1750	2360	15100	1240	229	1200	706	7350	1680
MIN	103	96	465	363	297	564	243	107	114	122	117	154
CFSM	.21	.28	7.98	1.11	1.26	3.25	.83	.24	.81	.45	1.52	.67
IN.	.24	.31	9.20	1.28	1.36	3.75	.93	.28	.91	.52	1.75	.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	MEAN	220	620	1539	1138	2145	1302	870	1397	727	297	243	171
MAX	382	2056	4885	3273	4652	1987	3244	7724	2880	1232	931	408	
(WY)	1990	1987	1992	1989	1990	1992	1991	1991	1989	1989	1992	1992	
MIN	105	147	293	152	442	540	165	148	92.6	113	82.8	82.0	
(WY)	1988	1991	1986	1986	1986	1985	1986	1988	1988	1986	1987	1986	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1985 - 1992
ANNUAL TOTAL	735235	349932	
ANNUAL MEAN	2014	956	883
HIGHEST ANNUAL MEAN			1837
LOWEST ANNUAL MEAN			353
HIGHEST DAILY MEAN	55100	May 27	55100
LOWEST DAILY MEAN	89	Sep 13	33
ANNUAL SEVEN-DAY MINIMUM	104	Sep 17	36
INSTANTANEOUS PEAK FLOW			82200a
INSTANTANEOUS PEAK STAGE			27.72
10 PERCENT EXCEEDS	4740	24.18	1810
50 PERCENT EXCEEDS	390	1430	298
90 PERCENT EXCEEDS	117	125	102

a Gage Height, 25.75 ft, from rating curve extended above 48,000 ft³/s on basis of estimate of flow by indirect methods.

MOBILE RIVER BASIN

02431000 TOMBIGBEE RIVER NEAR FULTON, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.10	7.33	16.54	9.92	9.31	12.88	10.83	7.92	7.12	11.38	8.70	14.84
2	7.09	8.03	23.29	9.66	9.21	11.79	10.49	7.81	6.95	11.14	8.52	12.04
3	7.09	7.52	23.11	9.58	9.09	11.00	10.20	7.72	7.74	9.08	8.03	11.74
4	7.07	6.95	19.31	9.60	9.03	10.59	9.96	7.67	11.88	8.54	7.72	12.68
5	7.09	7.10	17.55	9.55	8.99	10.43	9.77	7.45	10.14	8.03	7.97	12.42
6	7.09	7.48	16.54	9.32	8.95	10.15	9.52	7.35	8.88	9.47	10.90	12.25
7	7.06	7.52	15.30	9.17	8.87	9.95	9.38	7.33	10.24	10.94	10.05	11.03
8	7.06	7.02	13.64	9.12	8.76	9.78	9.67	7.30	10.83	9.40	9.62	9.87
9	7.04	7.04	13.33	13.21	8.65	9.85	9.46	7.28	10.07	8.62	9.32	9.13
10	7.04	7.55	16.14	12.72	8.56	17.07	9.22	7.28	12.67	8.02	8.87	8.74
11	6.99	6.97	15.97	12.10	8.54	19.02	9.05	7.22	12.38	7.63	8.68	9.75
12	6.98	7.04	15.36	11.62	8.54	17.61	8.91	7.16	11.87	7.35	8.49	8.60
13	6.98	7.41	15.01	12.42	8.59	16.59	8.73	7.15	10.26	7.23	9.54	8.20
14	6.97	6.84	17.52	14.91	8.67	15.41	8.55	7.20	10.68	7.51	10.44	7.77
15	7.10	6.78	17.53	15.10	11.50	13.91	8.46	7.17	11.48	7.52	9.19	7.60
16	7.16	6.97	16.78	14.55	12.97	12.65	8.48	7.15	10.43	8.85	8.39	7.47
17	7.10	6.97	15.73	13.49	12.04	11.80	8.47	7.10	9.17	7.96	7.80	7.33
18	7.05	6.95	14.28	12.43	13.34	11.96	8.32	7.05	8.39	7.84	7.50	7.35
19	7.05	6.92	12.67	11.61	13.03	13.90	8.23	7.02	12.65	7.49	7.27	7.67
20	6.96	7.85	11.59	10.93	11.69	13.45	9.70	6.98	13.58	7.23	7.15	7.56
21	6.95	10.63	10.90	10.48	10.75	12.75	13.78	7.03	11.59	7.06	7.03	7.49
22	6.96	8.85	10.56	10.19	10.17	12.10	12.95	7.58	9.92	7.02	6.98	7.83
23	6.96	8.19	10.44	10.23	11.39	13.80	11.89	7.03	8.76	7.06	7.31	9.17
24	7.01	7.87	11.59	11.07	14.20	13.96	10.41	6.91	8.04	7.37	7.14	8.35
25	7.25	7.53	10.84	10.48	13.87	13.28	9.51	6.89	7.66	7.57	8.27	7.73
26	7.40	7.46	10.35	10.05	15.36	12.63	8.91	7.30	8.38	7.58	8.08	7.54
27	7.09	7.23	10.03	9.79	15.91	11.95	8.47	7.35	10.24	7.58	9.31	8.82
28	6.85	6.96	10.15	9.71	15.35	11.31	8.26	7.09	8.93	8.38	16.63	8.34
29	7.07	6.95	11.39	9.70	14.21	10.86	8.11	6.99	8.21	8.97	17.63	7.73
30	7.20	7.57	10.85	9.54	---	10.73	8.03	7.21	7.78	9.01	17.34	7.43
31	7.17	---	10.32	9.41	---	11.18	---	7.49	---	8.58	16.52	---
MEAN	7.06	7.45	14.34	11.02	11.02	12.72	9.52	7.26	9.90	8.30	9.56	9.15
MAX	7.40	10.63	23.29	15.10	15.91	19.02	13.78	7.92	13.58	11.38	17.63	14.84
MIN	6.85	6.78	10.03	9.12	8.54	9.78	8.03	6.89	6.95	7.02	6.98	7.33
CAL YR 1991	MEAN	10.87	MAX	25.05	MIN	6.71						
WTR YR 1992	MEAN	9.78	MAX	23.29	MIN	6.78						

02431000 TOMBIGBEE RIVER NEAR FULTON, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959, 1962-65, 1972-85, 1989 to current year.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
09...	1345	124	33	11	--
NOV					
19...	0900	111	20	6.0	--
JAN					
13...	1820	923	332	827	--
14...	0215	1300	259	909	69
14...	1315	1830	707	3490	--
15...	0940	1770	162	774	75
16...	0830	1560	162	682	--
FEB					
26...	0730	1730	316	1480	--
MAR					
18...	1900	1120	94	284	--
19...	0330	1400	177	669	88
19...	0900	1520	179	735	--
20...	0700	1370	91	337	91
APR					
08...	0815	554	86	129	--
MAY					
29...	0915	118	69	22	--
JUL					
27...	1245	182	70	34	--
29...	1515	296	168	134	--
SEP					
17...	0837	153	38	16	--

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
JAN							
14...	1317	25.0	10	52	90	100	--
14...	1319	50.0	18	73	93	100	--
14...	1321	75.0	18	39	63	88	100

02432500 BULL MOUNTAIN CREEK AT TREMONT, MS

LOCATION.--Lat 34°14'20", long 88°16'15", in NE4SW4 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 radio 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 discharge not determined, maximum gage height 9.70 ft, Dec. 3, minimum discharge, 9.1 ft³/s, July 13,14.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	62	---	124	95	140	121	71	22	14	32	22
2	33	85	---	120	92	128	114	67	19	17	25	20
3	33	62	---	144	90	121	109	62	20	16	19	62
4	32	52	---	137	89	118	105	57	51	16	28	82
5	33	48	---	124	90	113	100	53	44	16	84	66
6	37	47	---	119	90	109	95	50	33	40	61	45
7	34	47	---	114	87	107	100	48	28	59	65	35
8	32	50	---	110	85	102	108	46	38	33	51	30
9	32	53	---	116	83	97	97	45	72	20	36	27
10	32	49	---	120	81	---	93	42	58	15	29	24
11	32	47	---	109	80	---	88	39	41	13	25	24
12	32	44	---	108	80	---	86	36	36	11	25	23
13	31	43	---	129	82	---	82	35	34	10	28	20
14	31	43	---	199	84	171	79	43	34	20	27	19
15	65	43	---	158	153	150	78	35	32	32	23	17
16	70	42	---	136	161	134	75	31	28	62	21	16
17	45	43	---	129	122	124	72	31	23	39	19	15
18	40	43	200	130	152	169	70	31	20	31	17	16
19	38	43	177	124	152	---	70	28	19	24	16	30
20	37	171	162	118	128	---	142	26	17	19	14	25
21	36	---	154	115	116	170	---	23	15	16	13	21
22	36	171	147	113	110	169	174	22	13	58	13	21
23	43	149	155	122	146	---	126	21	12	50	13	33
24	92	112	166	123	178	---	106	20	11	39	20	29
25	187	93	140	109	159	---	95	19	11	34	21	21
26	91	83	130	104	---	195	86	20	13	28	19	19
27	69	76	124	101	---	172	82	23	42	23	23	19
28	60	73	141	105	191	149	80	24	32	22	101	20
29	54	70	162	104	162	139	77	22	18	35	62	17
30	50	69	140	99	---	138	74	27	14	47	35	13
31	47	---	130	98	---	134	---	27	---	58	25	---
TOTAL	1519	---	---	3761	---	---	---	1124	850	917	990	831
MEAN	49.0	---	---	121	---	---	---	36.3	28.3	29.6	31.9	27.7
MAX	187	---	---	199	---	---	---	71	72	62	101	82
MIN	31	---	---	98	---	---	---	19	11	10	13	13

02433500 TOMBIGBEE RIVER AT BIGBEE, MS

LOCATION.--Lat 34°00'42", long 88°30'50", in SW4NE4 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.

WATER-DISCHARGE RECORDS

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 1304: 1946, 1948. WRD Miss. 1972: Drainage area.

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

REMARKS.--Estimated daily discharges: Aug. 10 - Sept. 9. Records good except for estimated daily discharges, which are poor. Some regulation by Tennessee-Tombigbee Waterway since 1985. Statistics shown below are for water years 1985 to the current year, except for instantaneous extremes, which are shown for the entire period of record. U.S. Army Corps of Engineers radio telemeter at station.

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)
Dec. 3	1500	*75,400	*25.89	Mar. 12	1515	19,200	16.94

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	337	584	7030	1110	827	2800	1680	564	299	463	509	e5100
2	280	333	19400	895	803	2030	1470	581	287	849	486	e3850
3	280	413	63800	1090	790	1340	1140	572	509	936	466	e2450
4	277	333	53800	1400	852	1940	1350	413	477	565	437	e2050
5	392	290	28300	882	1010	1180	1320	436	673	789	628	e2000
6	338	427	14300	846	970	1090	1160	373	531	496	568	e1300
7	350	353	8300	831	793	1310	1350	436	614	625	740	e1000
8	295	354	5420	897	740	1150	1220	374	849	691	643	e850
9	298	310	4540	1310	724	1360	1670	355	950	548	717	e700
10	299	315	5130	1830	701	4790	1150	348	827	479	e660	606
11	299	483	4080	1410	685	7290	1240	404	1310	446	e600	596
12	295	313	4680	1460	681	17600	1170	333	1240	415	e530	645
13	294	299	4580	1470	694	13200	970	324	1330	403	e500	543
14	314	330	4860	2760	831	7240	940	312	827	480	e600	504
15	456	303	4620	2820	1910	4550	914	310	758	487	e560	525
16	305	295	6620	2540	1800	2980	1090	299	806	466	e530	458
17	307	312	6300	2350	2240	2440	949	293	681	514	e490	447
18	328	359	4780	1820	1630	2580	1110	284	563	438	e450	497
19	300	396	3220	1620	1930	2910	1160	281	1430	425	e430	433
20	377	1350	2480	1310	1750	2890	2120	364	1460	400	e410	455
21	309	964	1840	1040	1270	2770	3560	282	1360	375	e430	437
22	291	1410	1280	1050	1110	2650	2530	282	951	452	e380	429
23	430	758	1590	1000	1830	3180	1910	310	664	433	e370	445
24	676	423	1160	1170	2270	3260	1350	341	536	606	e385	542
25	593	545	1300	1020	3130	3030	763	309	471	770	e390	477
26	592	352	1150	933	4150	2540	705	273	1040	559	e430	426
27	345	340	1170	900	3290	2490	571	288	1320	485	e600	405
28	312	326	1150	1060	3900	1780	526	297	1010	655	e3000	632
29	395	306	1390	865	3150	1570	495	284	571	546	e1500	448
30	451	456	1420	1150	---	1600	573	330	486	1600	e2500	395
31	302	---	1060	849	---	1430	---	283	---	839	e4300	---
TOTAL	11117	14032	270750	41688	46461	108970	38156	10935	24830	18235	25239	29645
MEAN	359	468	8734	1345	1602	3515	1272	353	828	588	814	988
MAX	676	1410	63800	2820	4150	17600	3560	581	1460	1600	4300	5100
MIN	277	290	1060	831	681	1090	495	273	287	375	370	395
CFSM	.29	.38	7.12	1.10	1.31	2.87	1.04	.29	.68	.48	.66	.81
IN.	.34	.43	8.22	1.26	1.41	3.31	1.16	.33	.75	.55	.77	.90

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	527	1114	3204	2159	4012	2723	1952	3135
MAX	919	3666	9297	5869	9187	3996	7958	17810
(WY)	1985	1987	1991	1989	1991	1989	1991	1989
MIN	247	341	593	343	858	925	382	331
(WY)	1988	1991	1986	1986	1986	1988	1988	1988

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1985 - 1992

ANNUAL TOTAL	1641667	640058	1789
ANNUAL MEAN	4498	1749	4530
HIGHEST ANNUAL MEAN			1991
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	89500	May 28	89500
LOWEST DAILY MEAN	245	Sep 21	54
ANNUAL SEVEN-DAY MINIMUM	262	Sep 17	83
INSTANTANEOUS PEAK FLOW			112000
INSTANTANEOUS PEAK STAGE			27.64
INSTANTANEOUS LOW FLOW			29
10 PERCENT EXCEEDS	11400	3060	3660
50 PERCENT EXCEEDS	1140	711	602
90 PERCENT EXCEEDS	300	310	244

a Also occurred on Oct. 8.

MOBILE RIVER BASIN

02433500 TOMBIGBEE RIVER AT BIGBEE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.03	4.65	12.23	5.51	4.97	7.46	5.77	4.78	4.31	4.44	4.63	---
2	3.86	4.04	18.95	5.17	4.93	6.46	5.50	4.82	4.26	5.27	4.58	---
3	3.86	4.27	24.94	5.46	4.91	5.62	5.08	4.83	4.77	5.41	4.52	---
4	3.85	4.04	23.87	5.81	5.01	6.31	5.34	4.47	4.79	4.70	4.45	---
5	4.18	3.90	19.67	5.13	5.27	5.33	5.31	4.54	5.23	5.15	4.89	---
6	4.01	4.29	15.58	5.06	5.17	5.18	5.10	4.38	4.86	4.54	4.77	---
7	4.06	4.09	12.68	5.02	4.91	5.44	5.36	4.56	4.95	4.83	5.15	---
8	3.91	4.11	10.55	5.12	4.81	5.19	5.19	4.41	5.35	4.98	4.94	---
9	3.92	3.96	9.85	5.74	4.78	5.42	5.77	4.37	5.52	4.68	5.00	---
10	3.93	3.96	10.78	6.39	4.73	11.33	5.09	4.35	5.26	4.51	---	4.65
11	3.93	4.43	9.23	5.89	4.70	12.99	5.20	4.52	6.00	4.42	---	4.62
12	3.91	3.97	9.83	5.93	4.69	16.46	5.11	4.33	5.88	4.33	---	4.73
13	3.91	3.92	10.07	5.94	4.72	14.94	4.81	4.32	5.95	4.30	---	4.50
14	3.97	4.03	10.90	7.96	4.95	11.96	4.76	4.29	5.20	4.48	---	4.40
15	4.33	3.94	9.78	7.57	6.77	9.69	4.72	4.30	5.09	4.52	---	4.44
16	3.95	3.91	11.57	7.21	6.38	7.46	4.98	4.27	5.18	4.47	---	4.28
17	3.95	3.97	11.33	6.97	6.85	6.69	4.77	4.27	4.94	4.62	---	4.25
18	4.02	4.10	9.93	6.36	6.18	6.96	5.00	4.25	4.68	4.42	---	4.38
19	3.93	4.16	8.18	6.12	6.49	7.59	5.08	4.24	6.25	4.38	---	4.23
20	4.14	5.85	7.27	5.72	6.27	7.27	6.87	4.49	6.19	4.31	---	4.31
21	3.96	5.41	6.52	5.34	5.66	7.05	9.10	4.25	6.04	4.25	---	4.27
22	3.90	6.07	5.82	5.35	5.44	6.92	7.45	4.25	5.43	4.44	---	4.26
23	4.27	5.03	6.19	5.27	6.37	8.33	6.73	4.34	4.90	4.39	---	4.32
24	4.67	4.32	5.63	5.52	6.90	7.91	6.06	4.42	4.61	4.74	---	4.58
25	4.59	4.60	5.83	5.30	7.97	7.50	5.16	4.33	4.45	5.13	---	4.43
26	4.61	4.10	5.61	5.16	9.46	6.80	5.05	4.21	5.46	4.68	---	4.30
27	4.08	4.07	5.62	5.10	8.23	6.75	4.79	4.27	5.99	4.53	---	4.26
28	3.97	4.02	5.58	5.35	8.97	5.90	4.69	4.30	5.48	4.93	---	4.80
29	4.13	3.95	5.92	5.04	7.97	5.64	4.63	4.25	4.71	4.72	---	4.41
30	4.28	4.31	5.96	5.48	---	5.68	4.78	4.39	4.50	6.43	---	4.28
31	3.94	---	5.45	5.01	---	5.48	---	4.25	---	5.31	---	---
MEAN	4.07	4.32	10.37	5.74	6.02	7.73	5.44	4.39	5.21	4.72	---	---
MAX	4.67	6.07	24.94	7.96	9.46	16.46	9.10	4.83	6.25	6.43	---	---
MIN	3.85	3.90	5.45	5.01	4.69	5.18	4.63	4.21	4.26	4.25	---	---

02433500 TOMBIGBEE RIVER AT BIGBEE, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1969-71, 1989 to current year.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
NOV 19...	1600	294	20	16
JAN 15...	1100	2790	137	1030
FEB 26...	0930	4450	126	1510
APR 08...	0945	1050	93	264
MAY 19...	1530	278	60	45
JUL 28...	1815	523	81	114
AUG 04...	1445	461	56	70
SEP 09...	1300	687	35	65

02435020 TOWN CREEK AT EASON BOULEVARD AT TUPELO, MS

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

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

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

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

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

REMARKS.--Estimated daily discharges: Oct. 1-22, 27-31, Nov. 4-18, 25-29, Mar. 28 to Apr. 8, July 5-17, Sept. 13-17, 20, 24, 25, 28-30. Records fair except for estimated daily discharges, which are poor. National Weather Service telemeter at station.

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)
Dec. 1	2345	*23,200	*25.48	Mar. 10	0630	10,200	22.42

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e14	53	15200	109	77	247	e175	31	22	984	41	155
2	e15	26	16700	100	71	207	e150	27	22	269	34	234
3	e15	9.6	8050	102	74	177	e100	27	147	138	34	613
4	e13	e10	2480	93	69	163	e97	23	570	111	35	220
5	e14	e6.0	1950	84	70	140	e95	20	180	e140	209	113
6	e14	e5.0	1610	79	65	122	e92	18	107	e160	334	87
7	e13	e5.0	1410	72	61	110	e90	16	449	e100	87	58
8	e12	e5.5	1220	127	59	95	e88	17	106	e74	59	45
9	e11	e6.0	2100	423	54	447	72	16	76	e50	52	38
10	e10	e5.0	1600	258	54	6380	66	15	119	e43	50	35
11	e8.0	e5.0	1040	175	54	1740	63	15	314	e43	49	38
12	e8.0	e4.5	798	198	54	1210	58	17	156	e58	48	29
13	e7.0	e4.5	2790	683	59	893	54	19	69	e85	657	e20
14	e7.0	e4.0	1750	1310	73	632	51	17	53	e70	128	e18
15	e11	e4.0	1070	460	1030	458	49	16	43	e33	66	e18
16	e11	e4.0	796	294	331	353	44	16	37	e31	45	e17
17	e10	e3.5	540	224	358	305	39	17	31	e40	35	e16
18	e9.0	e5.0	379	188	1020	913	35	23	43	47	29	25
19	e9.0	9.4	308	158	356	802	43	20	1500	31	26	27
20	e8.0	460	271	141	227	340	896	18	193	27	23	e21
21	e7.0	127	236	131	181	256	736	17	197	23	21	34
22	e11	33	199	125	146	307	252	19	105	40	40	35
23	8.7	18	232	160	527	953	148	19	72	66	23	33
24	24	11	221	151	442	373	98	19	60	28	437	e25
25	15	e9.0	165	117	621	265	69	20	51	44	112	e24
26	9.1	e8.0	129	99	1500	236	52	22	845	26	50	31
27	e16	e8.0	116	96	659	214	44	23	251	20	1180	51
28	e10	e6.0	177	101	411	e225	39	24	103	238	1490	e35
29	e9.0	9.4	197	97	318	e185	38	24	72	69	634	e27
30	e9.0	399	146	90	---	e190	33	33	400	66	342	e25
31	e10	---	123	84	---	e192	---	25	---	45	237	---
TOTAL	347.8	1263.4	64003	6529	9021	19130	3866	633	6393	3199	6607	2147
MEAN	11.2	42.1	2065	211	311	617	129	20.4	213	103	213	71.6
MAX	24	460	16700	1310	1500	6380	896	33	1500	984	1490	613
MIN	7.0	3.5	116	72	54	95	33	15	22	20	21	16
CFSM	.05	.18	8.86	.90	1.34	2.65	.55	.09	.91	.44	.91	.31
IN.	.06	.20	10.22	1.04	1.44	3.05	.62	.10	1.02	.51	1.05	.34

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1992, BY WATER YEAR (WY)

	MEAN	89.9	324	739	757	726	868	614	619	235	80.6	44.8	54.3
MAX	287	1336	2996	2970	2079	2759	2193	2997	804	478	213	342	
(WY)	1971	1980	1983	1974	1991	1975	1983	1991	1978	1989	1992	1979	
MIN	3.22	10.6	34.3	28.1	123	150	41.5	20.4	5.92	6.96	2.94	4.04	
(WY)	1988	1982	1982	1986	1978	1988	1986	1992	1988	1977	1988	1973	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1971 - 1992
ANNUAL TOTAL	321002.0	123139.2	
ANNUAL MEAN	879	336	428
HIGHEST ANNUAL MEAN			903
LOWEST ANNUAL MEAN			97.4
HIGHEST DAILY MEAN	26200	May 27	26200
LOWEST DAILY MEAN	3.5	Nov 17	.42
ANNUAL SEVEN-DAY MINIMUM	4.2	Nov 11	.80
INSTANTANEOUS PEAK FLOW			37900
INSTANTANEOUS PEAK STAGE			27.80
ANNUAL RUNOFF (CFSM)	3.77	1.44	1.84
ANNUAL RUNOFF (INCHES)	51.25	19.66	24.98
10 PERCENT EXCEEDS	1990	658	843
50 PERCENT EXCEEDS	143	67	92
90 PERCENT EXCEEDS	6.7	10	6.8

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	2.80	21.68	2.99	2.86	3.56	---	2.60	2.50	5.27	2.66	3.24
2	---	2.67	24.17	2.96	2.83	3.43	---	2.57	2.49	3.62	2.59	3.39
3	---	2.52	19.96	2.97	2.84	3.32	---	2.56	3.06	3.15	2.60	4.41
4	---	---	9.53	2.93	2.82	3.27	---	2.52	4.33	3.04	2.61	3.47
5	---	---	7.96	2.89	2.82	3.18	---	2.47	3.32	---	3.09	3.08
6	---	---	6.98	2.87	2.80	3.10	---	2.45	3.02	---	3.69	2.98
7	---	---	6.39	2.84	2.78	3.06	---	2.43	4.02	---	2.93	2.83
8	---	---	5.83	3.02	2.76	3.00	---	2.44	3.01	---	2.79	2.75
9	---	---	8.33	3.98	2.74	3.95	2.90	2.43	2.86	---	2.74	2.70
10	---	---	6.94	3.51	2.73	18.71	2.87	2.42	3.06	---	2.73	2.68
11	---	---	5.33	3.24	2.73	7.33	2.85	2.42	3.69	---	2.73	2.70
12	---	---	4.79	3.31	2.74	5.79	2.83	2.44	3.22	---	2.72	2.63
13	---	---	10.30	4.63	2.77	5.00	2.80	2.46	2.85	---	4.47	---
14	---	---	7.43	6.17	2.83	4.49	2.77	2.43	2.75	---	3.11	---
15	---	---	5.43	4.09	5.42	4.16	2.76	2.41	2.68	---	2.84	---
16	---	---	4.79	3.62	3.75	3.93	2.72	2.41	2.63	---	2.71	---
17	---	---	4.27	3.40	3.77	3.76	2.68	2.43	2.58	---	2.64	---
18	---	---	3.90	3.28	5.36	5.10	2.65	2.50	2.59	2.70	2.58	2.60
19	---	2.52	3.67	3.18	3.84	4.86	2.71	2.47	6.77	2.57	2.55	2.62
20	---	3.89	3.55	3.11	3.45	3.88	5.10	2.44	3.36	2.52	2.52	---
21	---	3.09	3.44	3.07	3.30	3.60	4.73	2.43	3.37	2.48	2.50	2.70
22	2.51	2.75	3.32	3.04	3.18	3.72	3.58	2.45	3.01	2.59	2.67	2.71
23	2.51	2.63	3.43	3.18	4.16	5.22	3.21	2.46	2.86	2.81	2.52	2.70
24	2.63	2.55	3.39	3.15	4.10	3.96	3.00	2.46	2.80	2.54	3.76	---
25	2.59	---	3.20	3.02	4.49	3.63	2.87	2.46	2.74	2.67	3.05	---
26	2.51	---	3.06	2.95	6.65	3.53	2.77	2.49	4.90	2.52	2.76	2.68
27	---	---	3.01	2.94	4.55	3.46	2.71	2.50	3.53	2.44	5.77	2.84
28	---	---	3.24	2.96	4.07	---	2.68	2.51	3.00	3.35	6.69	---
29	---	---	3.31	2.94	3.81	---	2.67	2.52	2.86	2.83	4.50	---
30	---	3.69	3.13	2.92	---	---	2.62	2.60	3.74	2.82	3.88	---
31	---	---	3.04	2.89	---	---	---	2.53	---	2.68	3.54	---
MEAN	---	---	6.67	3.29	3.55	---	---	2.47	3.25	---	3.19	---
MAX	---	---	24.17	6.17	6.65	---	---	2.60	6.77	---	6.69	---
MIN	---	---	3.01	2.84	2.73	---	---	2.41	2.49	---	2.50	---

02436500 TOWN CREEK NEAR NETTLETON, MS--Continued

WATER-QUALITY RECORDS

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, SUS- PENDE D (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE D (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
08...	1130	48	22	2.9	--
NOV					
19...	0930	74	23	4.6	--
MAR					
18...	1420	1560	679	2860	--
18...	1800	1820	630	3100	60
18...	2100	2150	860	4990	--
19...	0145	2460	715	4750	50
19...	0530	2210	700	4180	--
19...	1530	1390	317	1190	56
APR					
08...	1430	311	100	84	--
MAY					
19...	1005	65	71	12	--
JUL					
28...	1000	208	694	390	--
28...	1330	301	649	527	78
28...	1900	606	1060	1730	79
28...	2035	554	799	1200	76
28...	2250	430	602	699	--
AUG					
04...	0920	97	54	14	--
SEP					
09...	0925	117	38	12	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)
MAR										
19...	0145	23	30	32	37	44	50	74	98	100
JUL										
28...	1900	38	45	53	62	71	79	88	99	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
MAR							
19...	0147	25.0	1	4	56	96	100
19...	0149	50.0	<1	3	49	95	100
19...	0151	75.0	<1	4	72	99	100
JUL							
28...	1332	25.0	<1	2	24	93	100
28...	1334	50.0	1	3	53	93	100
28...	1336	75.0	1	5	83	99	100
28...	1902	25.0	1	4	49	97	100
28...	1904	50.0	1	4	46	97	100
28...	1906	75.0	1	2	45	91	100

02437100 TOMBIGBEE RIVER AT ABERDEEN LOCK AND DAM AT ABERDEEN, MS

LOCATION.--Lat. 33°49'47", long 88°31'17" in SW4 sec. 22, T.14 S., R.19 W., Huntsville Meridian, Hydrologic Unit 03160101, Monroe County, 0.85 mi upstream from (02437500) Tombigbee River at Aberdeen and at mile 362.98.

DRAINAGE AREA.--2,047 mi², prior to construction of Tennessee-Tombigbee Waterway.

PERIOD OF RECORD.--August 1928 to September 1958, October 1958 to September 1971 (annual maximums only), October 1971 to September 1982, May 1984 to current year. Prior to October 1982, published as "02437500 Tombigbee River at Aberdeen." Daily mean gage-heights published from October 1971 to September 1982. Gage-height records collected at site 0.45 mi upstream since 1909 are contained in reports of National Weather Service.

GAGE.--Water-stage, gate-position, and lockage recorder. Datum of gage is 150 ft above national Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to October 1, 1982, water-stage recorder at site 0.85 mi downstream at datum 4.71 ft higher (see 02437500 Tombigbee River at Aberdeen, MS).

REMARKS.--No estimated daily discharges. Records fair above 1,000 ft³/s (28.3 m³/s) and poor below due to variable backwater from Columbus Lock and Dam. Regulation for maintenance of navigational pool only since May, 1984. Statistics shown below are for water years 1984 to the current year, except for instantaneous extremes, which are shown for the entire period of record.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	626	1810	18400	2350	2240	4180	2580	1640	752	2310	1490	5410
2	902	1140	54500	2120	2120	3700	2360	1180	940	1980	819	4650
3	1040	1360	85100	2360	1470	2610	1780	1480	1840	2290	1090	4110
4	546	536	82700	2100	1830	3280	2210	629	2040	992	807	4250
5	550	391	50900	2200	2000	2030	1700	1250	1730	1900	1050	3210
6	773	1220	23800	1880	1590	2250	2120	564	1350	1290	2120	2020
7	291	1020	13300	1340	1450	2170	2280	1160	2610	1160	1640	2140
8	812	1110	9340	2050	1920	2340	2360	1340	2330	1330	1410	1720
9	592	578	9930	2670	1260	2100	2850	246	1960	1100	1630	1560
10	812	931	13000	3020	1380	17800	1570	803	1920	1220	1370	908
11	850	1310	8090	2680	1550	18300	2040	1110	3330	842	876	1200
12	538	726	7790	2670	1340	18900	2140	1090	3010	753	1510	1230
13	539	918	10300	2720	1510	16700	1230	1020	4330	653	1590	1000
14	942	607	15100	8800	1950	10500	1600	446	1960	831	1840	653
15	829	1170	8860	4930	7210	6870	1350	1830	1890	996	1380	1140
16	499	637	9890	4320	4340	4420	1390	274	1530	1350	868	484
17	973	998	8960	3710	4150	3810	1550	1250	1360	1570	513	811
18	690	1100	7080	3510	4490	4470	1400	718	1410	830	770	1210
19	688	555	5100	2600	4020	6290	1970	607	5800	1060	1250	722
20	688	4120	3780	3130	3540	4570	6200	1240	3110	820	701	885
21	1180	3590	3590	2530	2620	3910	10700	371	2700	427	659	1190
22	535	2880	2670	3070	2480	4280	4750	993	1770	1100	509	1040
23	1290	1920	3340	2620	4360	8650	4230	765	1300	1180	458	834
24	1210	1230	2800	3120	4990	5300	3020	902	931	1340	542	1180
25	2060	1660	2750	2390	5900	4460	2150	1140	756	1330	1150	760
26	1500	816	2540	2300	10700	3690	1710	660	2690	1530	1650	890
27	1030	874	2400	2450	6200	3320	1570	1100	3790	798	3960	694
28	843	1320	2580	2820	5840	2680	1380	438	2360	1650	6600	1470
29	910	1070	3340	2140	5170	2650	1450	700	949	1540	3810	480
30	1330	1680	2970	2520	---	2810	1330	957	977	2940	4490	780
31	796	---	2520	2110	---	2500	---	737	---	2030	5580	---
MEAN	867	1309	15400	2878	3435	5856	2499	924	2114	1327	1746	1621
MAX	2060	4120	85100	8800	10700	18900	10700	1830	5800	2940	6600	5410
MIN	291	391	2400	1340	1260	2030	1230	246	752	427	458	480

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	1348	2762	6243	4971	8576	5759	4430	5916	3173
MAX	2286	8154	15520	12060	17570	8441	16630	29390	10540
(WY)	1990	1987	1991	1989	1991	1989	1991	1991	1989
MIN	474	958	1816	978	2822	2571	929	853	479
(WY)	1988	1991	1985	1986	1986	1985	1986	1988	1988

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1984 - 1992
ANNUAL MEAN	8461	3347	3938
HIGHEST ANNUAL MEAN			8424
LOWEST ANNUAL MEAN			1781
HIGHEST DAILY MEAN	103000	May 28	103000
LOWEST DAILY MEAN	281	Sep 28	77
ANNUAL SEVEN-DAY MINIMUM	577	Aug 18	138
INSTANTANEOUS PEAK FLOW			123000
INSTANTANEOUS PEAK STAGE			45.02
INSTANTANEOUS LOW FLOW			58
10 PERCENT EXCEEDS	22400		9150
50 PERCENT EXCEEDS	2820		1550
90 PERCENT EXCEEDS	656		429

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.--798 mi².

WATER DISCHARGE RECORDS

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: Feb. 1-11, July 8-20. Records good except for estimated daily discharges, which are poor. U. S. Army Corps of Engineers telemeter at station.

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 (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Dec. 3	2200	*44,700	*20.33	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	305	336	658	1010	e757	1980	1010	507	270	271	425	327
2	294	403	3050	945	e739	1590	944	478	261	269	335	297
3	287	491	29200	948	e725	1370	889	445	270	276	296	307
4	284	400	32900	1030	e711	1250	845	412	372	276	273	615
5	284	351	12800	1020	e697	1160	811	378	604	278	472	715
6	285	337	7160	938	e685	1100	786	351	445	300	733	640
7	299	334	4170	888	e669	1080	772	332	359	447	731	628
8	303	336	2550	851	e655	1050	810	322	400	e420	535	500
9	283	338	1860	836	e641	948	870	317	452	e350	424	433
10	278	343	2060	851	e627	1260	802	311	703	e305	374	398
11	276	339	2630	836	e613	1890	772	304	648	e293	369	368
12	276	334	3220	804	607	2490	753	296	496	e285	384	389
13	276	331	2860	869	613	2420	710	290	557	e270	351	384
14	273	329	2310	1030	643	1580	674	297	596	e280	363	345
15	268	331	2620	1240	1510	1260	648	390	468	e300	338	323
16	271	333	3240	1270	2100	1110	629	333	406	e400	319	311
17	285	334	3440	1040	2310	1000	610	298	372	e385	293	303
18	282	340	2400	936	2020	987	594	281	344	e370	278	299
19	273	336	1680	903	1800	1400	586	272	319	e300	265	314
20	270	376	1370	867	1630	2020	696	265	302	e275	255	386
21	270	705	1210	825	1320	2100	1320	255	288	262	250	367
22	272	1060	1120	804	1130	1620	1980	248	275	268	244	340
23	273	980	1110	825	1110	1580	1960	285	265	306	244	330
24	294	901	1200	906	1360	2030	1210	283	257	452	254	345
25	412	658	1240	915	1780	2380	924	262	251	430	263	338
26	609	517	1080	814	2300	2030	801	252	268	371	276	318
27	472	456	976	773	2890	1630	698	251	309	332	297	309
28	369	423	967	785	3250	1400	616	257	358	301	588	309
29	340	407	1140	824	2790	1210	572	265	341	332	906	309
30	328	397	1260	818	---	1110	534	261	294	374	617	301
31	319	---	1120	783	---	1070	---	264	---	422	399	---
TOTAL	9610	13556	134601	28184	38682	47105	25826	9762	11550	10200	12151	11548
MEAN	310	452	4342	909	1334	1520	861	315	385	329	392	385
MAX	609	1060	32900	1270	3250	2490	1980	507	703	452	906	715
MIN	268	329	658	773	607	948	534	248	251	262	244	297
CFSM	.39	.57	5.44	1.14	1.67	1.90	1.08	.39	.48	.41	.49	.48
IN.	.45	.63	6.27	1.31	1.80	2.20	1.20	.46	.54	.48	.57	.54

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1992, BY WATER YEAR (WY)

	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	
MEAN	552	1020	2033	2406	2320	2823	2397	1877	746	512	383	380																
MAX	2349	2938	5698	4954	5459	6815	6130	8329	1880	1759	1175	1051																
(WY)	1976	1978	1968	1974	1991	1980	1991	1991	1974	1989	1975	1979																
MIN	134	275	464	519	904	703	461	315	136	164	117	156																
(WY)	1988	1988	1988	1986	1968	1988	1986	1992	1988	1988	1988	1984																

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1966 - 1992

	1991	1992	1966-1992
ANNUAL TOTAL	991466	352775	
ANNUAL MEAN	2716	964	1451
HIGHEST ANNUAL MEAN			2747
LOWEST ANNUAL MEAN			503
HIGHEST DAILY MEAN	34500	Feb 20	63900
LOWEST DAILY MEAN	268	Oct 15	90
ANNUAL SEVEN-DAY MINIMUM	274	Oct 10	99
INSTANTANEOUS PEAK FLOW			80000
INSTANTANEOUS PEAK STAGE			23.48
INSTANTANEOUS LOW FLOW			89
ANNUAL RUNOFF (CFSM)	3.40	1.21	1.82
ANNUAL RUNOFF (INCHES)	46.22	16.45	24.71
10 PERCENT EXCEEDS	7140	1790	3120
50 PERCENT EXCEEDS	998	454	740
90 PERCENT EXCEEDS	334	273	223

MOBILE RIVER BASIN

02439400 BUTTAHATCHEE RIVER NEAR ABERDEEN, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974-75, 1989 to current year.

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)
OCT				
08...	1730	298	26	21
NOV				
19...	1115	334	11	9.9
JAN				
16...	1110	1390	40	150
FEB				
26...	1610	2340	59	373
APR				
08...	1315	810	78	171
MAY				
21...	1100	255	62	43
JUL				
28...	1630	295	53	42
AUG				
04...	1732	269	35	25
SEP				
09...	1820	422	56	64

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

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

DRAINAGE AREA.--4,440 mi², prior to construction of Tennessee-Tombigbee Waterway.

PERIOD OF RECORD.--October 1899 to December 1912. August 1928 to current year. Monthly discharge only for some periods, published in MSP 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, gage-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). Water-stage recorder for Tombigbee River at Columbus (station 02441500) is used as base gage for this station when tail water gage-heights exceed 63 ft.

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. Statistics shown below are for water years 1982 to the current year, except for instantaneous extremes, which are shown for the entire period of record.

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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1000	2130	16000	3600	3240	7940	4310	2310	996	2100	1980	5360
2	1100	1460	56900	3590	2570	5770	4380	1630	1300	2180	1640	4960
3	1090	1600	86000	3300	2210	4960	3040	2460	2570	2630	1390	4890
4	813	674	110000	3540	2960	4620	3160	839	2300	1560	962	6130
5	1800	867	116000	3870	2880	2860	3020	2050	1800	2220	1530	5570
6	458	1570	74500	3320	2000	4580	3030	820	1980	1410	2760	4580
7	383	1220	33400	2690	2860	3220	3970	1500	3250	1560	2700	2740
8	1180	1620	18000	3180	2610	3250	2390	1720	3280	1800	2150	2360
9	390	532	13200	3400	2140	3350	3650	582	2560	1410	2260	2190
10	995	1230	19500	4080	1950	18200	2310	1160	2040	1590	1810	1700
11	1050	1640	12900	3730	2410	26000	3380	1550	7700	976	1660	1920
12	771	872	12900	3340	1750	22400	3120	925	6500	1120	2580	1340
13	689	1120	12800	4220	2380	24400	2560	1590	9100	628	1750	1500
14	1130	786	25000	9500	2480	14600	2480	937	4950	1540	2110	1090
15	961	1170	15200	7870	17500	8640	2240	1940	3320	1680	1500	1260
16	770	881	14900	6310	13200	6970	1830	739	1990	2110	999	827
17	917	1100	13500	5090	14200	5120	2810	1370	1990	3670	978	1490
18	677	1250	11500	5170	12900	5860	1960	1140	1880	1990	810	1720
19	1030	805	8380	3910	8610	8840	4120	892	4820	2220	1690	1050
20	654	4350	6250	4100	4250	7610	10200	1480	3620	658	471	1590
21	1330	4320	5590	3510	4760	6580	21600	649	2690	1020	1120	995
22	715	3770	4470	4060	4260	6980	10800	1210	1820	1640	730	2390
23	1560	2940	4570	4040	5830	11700	10000	1130	1540	2290	779	1120
24	1710	2220	4830	3920	12300	9310	8390	1300	978	2420	441	1100
25	2100	2250	4610	3940	14800	7770	3520	1120	1410	2320	1570	947
26	1760	1610	4070	3270	20600	6940	3140	1140	2480	1910	2050	1060
27	1410	1280	4050	3290	13100	5860	2750	1320	4180	1140	10400	746
28	1250	1860	4240	3490	11100	4720	2230	1020	2820	2570	13700	1450
29	1500	1500	4330	3600	8210	4750	2240	594	1400	2330	3880	283
30	1600	2020	4430	2930	---	6150	2310	1900	1600	5430	7110	504
31	827	---	4090	3210	---	4590	---	799	---	2980	5780	---
TOTAL	33620	50647	726110	127070	200060	264540	134940	39816	88864	61102	81290	64862
MEAN	1085	1688	23420	4099	6899	8534	4498	1284	2962	1971	2622	2162
MAX	2100	4350	116000	9500	20600	26000	21600	2460	9100	5430	13700	6130
MIN	383	532	4050	2690	1750	2860	1830	582	978	628	441	283
CFSM	.24	.38	5.28	.92	1.55	1.92	1.01	.29	.67	.44	.59	.49
IN.	.28	.42	6.08	1.06	1.68	2.22	1.13	.33	.74	.51	.68	.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 1992, BY WATER YEAR (WY)

MEAN	2175	4212	14150	11330	15820	11580	12400	12810	4692	2518	1419	1283
MAX	5896	12940	36640	26290	33900	19190	37260	56740	14950	11560	2670	2799
(WY)	1985	1987	1983	1989	1991	1989	1983	1991	1989	1989	1985	1989
MIN	585	483	1627	1799	4961	4308	1613	1284	626	1013	622	305
(WY)	1988	1982	1982	1986	1986	1985	1986	1992	1988	1984	1987	1984

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1982 - 1992
ANNUAL TOTAL	5673985	1872921	7831
ANNUAL MEAN	15550	5117	15970
HIGHEST ANNUAL MEAN			2742
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	166000 May 29	116000 Dec 5	166000 May 29 1991
LOWEST DAILY MEAN	328 Sep 20	283 Sep 29	120 Sep 25 1984
ANNUAL SEVEN-DAY MINIMUM	723 Sep 16	747 Oct 6	170 Oct 20 1981
INSTANTANEOUS PEAK FLOW		126000 Dec 5	194000 Mar 19 1973
INSTANTANEOUS PEAK STAGE		63.88 Dec 5	42.22 Mar 19 1973
INSTANTANEOUS LOW FLOW		283 Sep 29	120 Sep 25 1984
ANNUAL RUNOFF (CFSM)	3.50	1.15	1.76
ANNUAL RUNOFF (INCHES)	47.54	15.69	23.96
10 PERCENT EXCEEDS	48700	10500	18600
50 PERCENT EXCEEDS	4320	2340	2760
90 PERCENT EXCEEDS	873	889	629

02441500 TOMBIGBEE RIVER AT COLUMBUS, MS

LOCATION.--Lat 33°29'21", long 88°25'57", in NW 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, prior to construction of Tennessee-Tombigbee Waterway.

PERIOD OF RECORD.--October 1899 to December 1912, August 1928 to March 1981, April 1981 to current year (gauge heights only). Monthly discharge only for some periods, published in WSP 1304. Daily mean gauge heights published since January 1972. Gauge-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.

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, 32.10 ft, Dec. 5, minimum daily, 7.56 ft, Oct. 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.73	7.86	9.94	7.75	7.98	8.46	8.28	7.86	7.79	7.91	7.86	8.30
2	7.78	7.79	17.62	8.07	7.93	8.32	8.28	7.87	7.89	7.89	7.80	8.18
3	7.77	7.85	25.32	8.04	7.85	8.22	8.03	7.89	8.07	7.88	7.85	8.17
4	7.60	7.76	29.53	7.99	7.94	8.17	8.10	7.76	7.96	7.77	7.77	8.33
5	7.83	7.81	31.84	8.05	7.87	8.85	8.04	7.86	7.91	7.93	7.81	8.35
6	7.66	7.86	28.43	8.01	7.82	9.36	8.09	7.63	7.92	7.72	7.89	8.16
7	7.61	7.85	18.25	7.92	7.89	9.46	8.24	7.74	8.00	7.75	8.00	7.94
8	7.71	7.76	11.96	8.02	7.90	8.18	8.18	7.74	7.91	7.86	7.93	7.88
9	7.78	7.62	9.96	8.03	7.84	8.24	9.18	7.73	7.93	7.76	7.92	7.94
10	7.81	7.83	11.33	8.08	7.87	11.78	12.25	7.81	7.89	7.83	7.82	7.79
11	7.72	7.87	9.93	8.01	7.94	14.75	9.34	7.84	8.64	7.78	7.80	7.71
12	7.76	7.70	9.71	8.12	7.90	13.65	9.29	7.79	8.38	7.70	7.88	7.80
13	7.81	7.89	9.75	8.23	7.89	14.51	8.90	7.78	9.13	7.77	7.85	7.74
14	7.84	7.83	12.90	9.24	7.97	11.56	7.91	7.79	8.24	7.87	7.91	7.81
15	7.64	7.88	10.77	8.80	10.96	9.50	7.93	7.85	7.98	7.87	7.75	7.77
16	7.56	7.83	10.49	8.47	10.49	8.92	7.91	7.79	7.84	7.91	7.80	7.71
17	7.71	7.87	10.09	8.31	10.60	8.48	9.33	7.88	7.89	8.09	7.79	7.80
18	7.70	7.88	9.51	8.30	10.35	8.71	8.09	7.81	7.87	7.88	7.80	7.81
19	7.80	7.90	8.74	8.04	9.30	9.50	7.90	7.73	8.24	7.87	7.81	7.74
20	7.73	8.20	8.24	8.16	8.67	9.22	8.04	7.85	7.99	7.80	7.76	7.79
21	7.85	8.22	8.05	8.05	8.29	9.06	7.99	7.75	7.87	7.83	7.73	7.83
22	7.79	8.11	7.80	8.17	8.26	9.12	8.81	7.84	7.81	7.89	7.70	7.89
23	7.83	8.00	7.88	8.13	8.55	10.35	9.83	7.80	7.84	7.94	7.77	7.71
24	7.90	7.85	7.77	8.18	8.84	9.72	9.34	7.85	7.82	7.95	7.84	7.73
25	7.92	7.91	7.82	8.14	9.89	9.30	8.04	7.71	7.88	7.91	7.84	7.81
26	7.93	7.74	7.71	7.94	12.87	9.11	8.06	7.80	7.83	7.84	7.80	7.81
27	7.88	7.87	7.73	7.89	11.11	8.67	7.98	7.77	7.96	7.72	9.31	7.76
28	7.88	7.85	7.76	8.01	10.33	8.47	7.91	7.79	7.87	7.87	10.03	7.77
29	7.92	7.82	7.80	8.05	9.24	8.47	7.86	7.72	7.82	7.89	7.88	7.66
30	7.92	7.87	7.79	8.00	---	8.80	7.91	7.87	7.84	8.39	8.33	7.63
31	7.81	---	7.79	7.95	---	8.42	---	7.68	---	7.98	8.17	---
MEAN	7.78	7.87	12.26	8.13	8.91	9.59	8.50	7.79	8.00	7.87	7.97	7.88
MAX	7.93	8.22	31.84	9.24	12.87	14.75	12.25	7.89	9.13	8.39	10.03	8.35
MIN	7.56	7.62	7.71	7.75	7.82	8.17	7.86	7.63	7.79	7.70	7.70	7.63

WTR YR 1992 MEAN 8.55 MAX 31.84 MIN 7.56

LOCATION.--Lat 33°30'50", long 88°23'44", in NW4SW4 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.

WATER-DISCHARGE RECORDS

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

e Estimated

MEAN	429	756	1342	1990	2069	2410	2259	1524	571	395	274	303
MAX	1675	1867	5840	3857	4650	6465	5671	7073	1524	1452	1201	1901
(WY)	1976	1980	1984	1979	1990	1980	1991	1991	1989	1989	1975	1979
MIN	68.3	139	268	463	666	461	308	154	55.8	73.9	49.7	69.1
(WY)	1988	1988	1988	1986	1986	1988	1986	1988	1988	1988	1988	1987

ANNUAL TOTAL	758106		228509				
ANNUAL MEAN	2077		624			1206	
HIGHEST ANNUAL MEAN						2277	1991
LOWEST ANNUAL MEAN						320	1988
HIGHEST DAILY MEAN	28100	Feb 21	6670	Dec 5	38000		Apr 14 1979
LOWEST DAILY MEAN	151	Oct 21	109	Jul 13	25		Aug 18 1988
ANNUAL SEVEN-DAY MINIMUM	153	Oct 16	123	Jun 22	29		Aug 14 1988
INSTANTANEOUS PEAK FLOW			6840	Dec 5	40400		Apr 14 1979
INSTANTANEOUS PEAK STAGE			18.26	Dec 5	32.35		Apr 14 1979
INSTANTANEOUS LOW FLOW			100	Jul 13	28		Sep 2 1980
ANNUAL RUNOFF (CFSM)	2.90		.87			1.69	
ANNUAL RUNOFF (INCHES)	39.44		11.89			22.92	
10 PERCENT EXCEEDS	5330		1160		2660		
50 PERCENT EXCEEDS	773		482		562		
90 PERCENT EXCEEDS	191		156		118		

MOBILE RIVER BASIN

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS--Continued

WATER-QUALITY RECORDS

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

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
OCT				
10...	1030	166	15	6.7
APR				
08...	1430	612	93	154
MAY				
21...	1600	145	79	31
AUG				
05...	1635	233	14	8.8
SEP				
10...	1015	418	12	14

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.

WATER-DISCHARGE RECORDS

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

REMARKS.--Records good. Telemeter, satellite telemeter and U.S. Army Corps of Engineers radio telemeter at station.

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. 21	1200	*4.100	*19.57				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	183	161	710	193	627	1790	360	204	77	92	266	348
2	165	203	908	184	534	1190	329	179	81	96	350	194
3	153	155	1690	190	461	738	308	165	347	123	286	184
4	145	143	910	194	406	584	283	154	1940	566	187	1060
5	152	165	822	188	431	515	264	144	438	166	189	509
6	156	165	891	174	1060	465	247	136	193	101	160	575
7	150	142	721	170	1010	431	236	130	188	111	130	569
8	140	132	495	179	612	400	269	142	245	148	145	377
9	162	127	390	273	519	376	316	132	252	124	147	254
10	164	128	367	247	455	738	299	119	170	108	143	189
11	130	127	347	204	400	1150	304	109	270	100	136	152
12	115	127	316	363	358	751	317	107	898	105	150	128
13	110	126	323	745	335	744	304	117	3200	104	248	111
14	106	125	1060	1410	336	631	256	110	1460	97	277	91
15	105	127	847	1050	1740	507	314	104	855	109	142	81
16	107	127	767	610	3300	432	354	103	765	131	109	80
17	107	126	863	520	2280	379	245	101	510	133	96	110
18	102	127	680	494	2070	351	233	103	340	151	90	138
19	99	127	482	785	1680	460	1220	100	249	272	84	99
20	99	266	370	888	1210	667	2410	94	195	215	78	93
21	99	388	315	997	911	571	3920	90	159	194	72	91
22	99	276	287	1010	692	545	2610	90	136	197	66	90
23	100	321	268	1670	744	1140	1300	93	122	193	61	93
24	111	390	261	1650	693	1270	968	93	112	157	59	100
25	150	287	245	1110	1500	1020	640	520	104	139	58	94
26	131	219	232	958	3650	1010	447	108	100	137	71	95
27	116	183	228	758	3640	805	348	96	99	165	1530	102
28	127	166	233	1020	2520	586	282	95	117	154	1920	98
29	125	156	252	976	1950	471	236	97	98	144	659	92
30	121	202	229	764	---	413	214	101	93	148	681	86
31	118	---	203	696	---	382	---	85	---	153	612	---
TOTAL	3947	5514	16712	20670	36124	21512	19833	4021	13813	4833	9202	6283
MEAN	127	184	539	667	1246	694	661	130	460	156	297	209
MAX	183	390	1690	1670	3650	1790	3920	520	3200	566	1920	1060
MIN	99	125	203	170	335	351	214	85	77	92	58	80
CFSM	.17	.24	.70	.87	1.62	.90	.86	.17	.60	.20	.39	.27
IN.	.19	.27	.81	1.00	1.75	1.04	.96	.19	.67	.23	.45	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 1992, BY WATER YEAR (WY)

MEAN	166	423	1128	1912	2342	2440	2118	1113	339	434	197	213
MAX	1970	2518	6913	8286	6013	6396	11290	6567	1787	5315	1335	2520
(WY)	1970	1958	1962	1974	1983	1980	1979	1991	1989	1940	1946	1979
MIN	32.1	46.4	78.3	69.5	293	423	118	93.9	57.3	53.6	34.4	28.4
(WY)	1944	1964	1944	1956	1943	1967	1963	1988	1988	1956	1954	1954

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1928 - 1992

ANNUAL TOTAL	693591		162464			
ANNUAL MEAN	1900		444		1063	
HIGHEST ANNUAL MEAN					2666	1983
LOWEST ANNUAL MEAN					2408	1963
HIGHEST DAILY MEAN	22100	May 1	3920	Apr 21	110000	Apr 13 1979
LOWEST DAILY MEAN	99	Oct 19	58	Aug 25	23	Aug 26 1943
ANNUAL SEVEN-DAY MINIMUM	101	Oct 17	66	Aug 20	25	Aug 24 1943
INSTANTANEOUS PEAK FLOW			4100	Apr 21	125000	Apr 13 1979
INSTANTANEOUS PEAK STAGE			19.57	Apr 21	38.97	Apr 13 1979
INSTANTANEOUS LOW FLOW			57	Aug 25, 26	22	Aug 25, 26 1943
ANNUAL RUNOFF (CFSM)	2.47		.58		1.38	
ANNUAL RUNOFF (INCHES)	33.60		7.87		18.80	
10 PERCENT EXCEEDS	6680		1020		3210	
50 PERCENT EXCEEDS	390		214		222	
90 PERCENT EXCEEDS	128		98		58	

MOBILE RIVER BASIN

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 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT					
10...	1400	160	41	18	--
DEC					
02...	1215	1060	284	813	--
02...	1700	1200	205	664	--
03...	0630	2140	261	1510	--
03...	0800	2120	191	1090	96
03...	1645	1440	149	579	--
04...	1445	840	124	281	--
JAN					
16...	1325	585	106	167	--
FEB					
27...	1205	3720	148	1490	--
APR					
06...	1605	242	63	41	--
MAY					
20...	1330	92	81	20	--
SEP					
10...	1600	180	34	17	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)
DEC							
03...	0800	60	66	71	83	91	96

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
DEC							
03...	0802	25.0	0	37	84	99	100
03...	0806	75.0	0	8	40	63	99

02448500 NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE sec. 33, T. 23 N., R. 3 W., Sumter County, 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, August 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 MS-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.--Records good. 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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	239	179	242	257	1070	2000	432	256	113	119	160	688
2	199	173	1170	239	904	1770	399	243	99	111	225	404
3	179	191	2670	240	742	1300	365	222	99	113	325	275
4	166	191	2190	245	611	940	338	202	818	125	289	319
5	157	155	995	244	974	772	314	187	1700	537	213	1520
6	165	152	992	232	3310	678	294	191	616	251	262	639
7	175	170	1180	221	2460	616	283	174	264	140	270	605
8	163	159	1640	228	1440	550	275	161	224	113	161	608
9	152	142	710	465	957	505	288	159	337	144	150	406
10	149	134	543	501	769	630	339	161	315	147	160	280
11	172	131	475	380	652	1170	327	148	268	126	161	211
12	154	131	422	408	550	1290	327	136	407	115	155	173
13	133	130	376	1490	543	955	330	128	1640	109	342	149
14	122	129	1730	2430	591	899	328	130	2990	117	605	131
15	117	127	1990	1920	2820	774	319	133	1540	113	357	114
16	113	127	1190	1310	6360	616	322	125	981	114	197	97
17	112	128	999	869	5390	520	388	120	839	140	140	95
18	113	128	1020	829	4260	458	281	119	569	148	118	204
19	113	134	820	1610	2710	435	714	116	371	269	106	596
20	109	819	578	1930	1910	548	3900	118	279	308	100	195
21	105	1130	429	2020	1430	772	6350	113	224	226	94	132
22	105	827	354	1930	1150	680	6750	106	185	208	88	116
23	105	460	319	2930	1260	962	3960	103	160	209	355	107
24	119	348	303	2600	1440	1400	1540	104	143	231	152	102
25	172	423	289	1910	1900	1340	1100	214	132	179	86	107
26	152	337	273	1390	4640	1170	806	632	141	158	80	113
27	164	259	258	1200	4800	1120	550	199	146	147	3450	106
28	138	220	341	1460	3920	928	416	126	134	170	7750	107
29	128	196	369	1850	2650	698	337	117	129	181	4740	109
30	132	184	337	1440	---	558	287	113	134	170	1120	103
31	129	---	301	1250	---	480	---	117	---	156	808	---
TOTAL	4451	8014	25505	36028	62213	27534	32659	5173	15997	5394	23219	8811
MEAN	144	267	823	1162	2145	888	1089	167	533	174	749	294
MAX	239	1130	2670	2930	6360	2000	6750	632	2990	537	7750	1520
MIN	105	127	242	221	543	435	275	103	99	109	80	95
CFSM	.13	.24	.75	1.06	1.96	.81	.99	.15	.49	.16	.68	.27
IN.	.15	.27	.86	1.22	2.11	.93	1.11	.18	.54	.18	.79	.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1940, 1944 - 1965, 1967 - 92, BY WATER YEAR (WY)

	MEAN	262	595	1659	2908	3529	3506	3291	1538	585	666	318	314
MAX	2515	2958	9407	9782	9415	9230	17520	10340	2787	7432	2064	3067	
(WY)	1976	1958	1962	1949	1983	1980	1979	1991	1939	1940	1946	1950	
MIN	31.0	49.5	105	91.1	527	542	180	107	61.3	62.8	34.1	27.5	
(WY)	1955	1955	1963	1956	1963	1967	1963	1965	1988	1952	1954	1954	

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1939 - 1940, 1944 - 1965, 1967 - 1992

	ANNUAL TOTAL	999169	254998	1587	1983
ANNUAL MEAN	2737	697	3967	327	1963
HIGHEST ANNUAL MEAN					
LOWEST ANNUAL MEAN					
HIGHEST DAILY MEAN	27900	Feb 24	7750	Aug 28	136000
LOWEST DAILY MEAN	105	Oct 21	80	Aug 26	22
ANNUAL SEVEN-DAY MINIMUM	109	Oct 17	107	Sep 24	23
INSTANTANEOUS PEAK FLOW			7940	Aug 28	156000
INSTANTANEOUS PEAK STAGE			29.24	Aug 28	48.58
INSTANTANEOUS LOW FLOW					13
ANNUAL RUNOFF (CFSM)	2.50		.64		1.45
ANNUAL RUNOFF (INCHES)	33.88		8.65		19.65
10 PERCENT EXCEEDS	9680		1710		4980
50 PERCENT EXCEEDS	593		280		346
90 PERCENT EXCEEDS	153		113		74

02472000 LEAF RIVER NEAR COLLINS, MS

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

DRAINAGE AREA.--743 mi².

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

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

GAGE.--Water-stage recorder 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.--Estimated daily discharges: Nov. 12-19, Sept. 14-16, 18, 30. Records good except for estimated daily discharges, which are poor. Satellite telemeter and National Weather Service telemeter at station.

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)
Feb. 17	1900	*7,150	*15.22				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e61	44	61	203	e1300	428	258	123	e64	e140	e85	269
2	e53	39	61	158	e1100	367	245	116	e53	e100	e60	138
3	46	32	68	130	e800	322	218	110	e50	e68	e56	81
4	40	31	77	107	e580	298	198	103	e47	e62	e53	61
5	38	40	151	104	1020	476	180	96	e45	e57	e50	51
6	33	41	192	97	1470	1250	167	89	e42	e53	e48	51
7	30	39	159	89	1240	1270	180	82	e40	e71	e46	50
8	28	33	113	236	971	1050	166	80	e37	e47	e44	50
9	31	30	93	1130	912	951	171	82	e34	e43	e47	56
10	33	28	87	1190	811	987	217	79	e35	e39	e50	45
11	30	32	83	958	563	947	233	e77	149	e36	e52	40
12	28	33	100	1150	395	767	225	e75	387	e34	e66	35
13	27	29	108	1600	609	757	219	e73	348	e31	e83	36
14	27	28	222	1300	801	740	182	e72	560	e28	e64	41
15	26	28	463	902	2120	585	166	e70	425	e25	e69	50
16	25	28	476	798	3890	407	158	e69	356	e22	e210	42
17	24	28	483	e780	4120	337	148	e68	443	e19	e130	43
18	24	27	489	e900	4410	355	142	e67	439	e57	e70	51
19	23	27	333	e3000	3580	1090	272	e65	220	e100	e49	68
20	27	76	190	e2200	2670	1090	949	e63	112	e58	43	72
21	28	171	149	e1800	2030	907	1870	e61	76	e35	40	56
22	29	298	115	e1300	1560	984	1660	e60	58	22	37	90
23	30	333	91	e2400	1160	1210	1260	e59	48	21	38	94
24	39	327	94	e3300	779	1190	1300	e57	43	24	36	67
25	43	252	100	e2600	643	999	1130	e56	39	e39	48	55
26	107	145	114	e2400	649	804	719	e77	35	e220	56	51
27	168	101	114	e2200	598	585	343	e77	33	e190	82	49
28	124	81	173	e4000	553	417	213	e64	31	e170	149	47
29	76	69	218	e3500	506	338	155	e60	e55	e110	186	41
30	56	64	227	e2700	---	294	127	e55	e220	e68	247	36
31	47	---	241	e1800	---	270	---	e71	---	e64	304	---
TOTAL	1401	2534	5645	45032	41840	22472	13471	2356	4524	2053	2598	1916
MEAN	45.2	84.5	182	1453	1443	725	449	76.0	151	66.2	83.8	63.9
MAX	168	333	489	4000	4410	1270	1870	123	560	220	304	269
MIN	23	27	61	89	395	270	127	55	31	19	36	35
CFSM	.13	.25	.53	4.22	4.19	2.11	1.31	.22	.44	.19	.24	.19
IN.	.15	.27	.61	4.87	4.52	2.43	1.46	.25	.49	.22	.28	.21

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1992, BY WATER YEAR (WY)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	165	271	695	1036	1123	1065	1033	643	187	139	103	183										
MAX	881	1284	2118	2287	2545	2180	2796	2359	533	682	537	1115										
(WY)	1976	1987	1974	1990	1990	1979	1980	1991	1991	1989	1975	1974										
MIN	10.4	12.8	26.0	87.5	277	295	93.7	65.0	15.8	24.5	15.2	13.3										
(WY)	1991	1982	1988	1981	1989	1986	1986	1988	1985	1987	1972	1990										

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1971 - 1992
ANNUAL TOTAL	216800	145842	
ANNUAL MEAN	594	398	
HIGHEST ANNUAL MEAN			551
LOWEST ANNUAL MEAN			911
HIGHEST DAILY MEAN			201
LOWEST DAILY MEAN	6200	May 1	19900
HIGHEST DAILY MEAN	21	Sep 22	6.4
ANNUAL SEVEN-DAY MINIMUM	24	Sep 17	6.6
INSTANTANEOUS PEAK FLOW			21900
INSTANTANEOUS PEAK STAGE			27.63
INSTANTANEOUS LOW FLOW			6.2
ANNUAL RUNOFF (CFSM)	1.73	1.16	1.60
ANNUAL RUNOFF (INCHES)	23.44	15.77	21.75
10 PERCENT EXCEEDS	1900	1150	1520
50 PERCENT EXCEEDS	215	95	167
90 PERCENT EXCEEDS	30	32	21

02473000 LEAF RIVER AT HATTIESBURG, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	2.57	2.75	3.07	6.55	4.33	3.59	2.84	2.52	2.73	3.20	---
2	2.79	2.87	3.40	3.00	5.72	4.01	3.44	2.78	2.40	2.68	3.13	---
3	2.70	3.56	7.60	2.95	5.15	3.82	3.32	2.72	2.38	2.49	2.61	3.38
4	2.66	3.42	9.32	2.92	4.83	3.71	3.23	2.66	2.37	2.33	2.31	3.02
5	2.64	2.92	9.03	2.90	6.68	4.36	3.17	2.61	2.40	2.25	2.35	2.96
6	2.58	2.72	8.39	2.85	9.41	8.60	3.14	2.56	2.34	2.26	2.24	2.98
7	2.54	2.62	6.20	2.83	9.29	8.30	3.16	2.49	2.26	2.46	2.13	2.92
8	2.52	2.54	4.37	3.55	8.61	7.03	3.54	2.45	2.37	2.34	2.06	2.81
9	2.48	2.51	3.84	7.40	7.44	5.65	3.97	2.43	2.53	2.19	2.02	2.59
10	2.48	2.51	3.63	6.83	5.72	5.79	3.61	2.42	2.39	2.12	1.96	2.50
11	2.49	2.49	3.89	5.25	4.81	7.82	3.27	2.40	2.39	1.95	1.96	2.41
12	2.48	2.47	4.61	4.48	4.42	7.43	3.15	2.37	3.06	1.91	1.98	2.34
13	2.47	2.45	4.40	7.73	4.96	---	3.03	2.44	3.15	1.86	2.58	2.22
14	2.48	2.45	5.20	7.88	7.20	---	2.92	2.47	3.47	1.83	2.63	2.16
15	2.47	2.45	6.41	---	11.63	---	2.83	2.40	3.76	1.87	2.52	2.09
16	2.47	2.45	6.22	---	15.46	---	2.77	2.34	3.95	2.06	2.37	---
17	2.47	2.44	5.66	---	14.67	---	2.72	2.30	3.63	2.33	2.23	---
18	2.48	2.44	4.55	---	15.03	---	2.80	2.28	3.04	2.32	2.15	---
19	2.48	2.46	3.87	---	12.81	---	3.12	2.27	2.70	2.21	2.11	---
20	2.47	3.05	3.54	---	9.94	---	4.93	2.28	2.53	2.34	2.22	---
21	2.47	4.45	3.35	---	7.78	---	8.84	2.26	2.41	2.28	2.30	---
22	2.47	5.46	3.24	---	6.27	---	8.24	2.22	2.33	2.47	2.35	---
23	2.48	5.29	3.23	---	5.58	---	7.30	2.19	2.26	2.53	2.81	---
24	2.46	4.44	3.46	---	5.30	---	5.96	2.23	2.19	3.17	3.42	---
25	2.53	3.58	3.56	---	4.99	---	4.54	2.26	2.13	3.79	5.68	---
26	2.75	3.15	3.31	8.39	5.06	4.83	4.14	2.36	2.11	3.80	6.35	2.31
27	2.62	2.94	3.16	7.20	5.44	4.42	3.55	2.66	2.10	3.07	10.38	2.26
28	2.54	2.85	3.22	12.02	5.77	4.11	3.20	2.86	2.16	2.64	17.43	2.23
29	2.56	2.78	3.30	10.76	4.90	3.88	3.02	2.78	2.25	2.37	16.30	2.17
30	2.56	2.74	3.30	9.15	---	3.76	2.92	3.08	2.91	2.28	15.09	---
31	2.53	---	3.18	7.98	---	3.69	---	2.83	---	2.81	13.98	---
MEAN	---	3.04	4.62	---	7.64	---	3.91	2.49	2.62	2.44	4.61	---
MAX	---	5.46	9.32	---	15.46	---	8.84	3.08	3.95	3.80	17.43	---
MIN	---	2.44	2.75	---	4.42	---	2.72	2.19	2.10	1.83	1.96	---

PASCAGOULA RIVER BASIN

02473460 TALLAHALA CREEK AT WALDRUP, MS

LOCATION.--Lat 31°57'58", long 89°06'55", in SW4 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: July 15-21. Records good except estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Jan. 24	0030	2,150	17.26	Mar. 19	1530	*2,650	*17.69
Feb. 16	1345	2,550	17.61				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.8	11	13	24	128	71	49	21	17	14	23	13
2	10	18	543	23	93	60	44	19	14	12	17	10
3	9.0	13	1140	23	74	53	40	19	14	10	13	9.2
4	8.7	9.9	722	22	64	50	38	18	16	12	11	11
5	8.5	8.6	109	21	384	109	36	18	16	11	12	10
6	8.3	8.6	57	20	1200	410	34	16	14	9.4	12	8.2
7	8.2	8.7	42	20	554	253	102	14	13	8.6	13	8.0
8	7.7	8.8	35	72	167	131	86	14	13	7.9	12	9.8
9	7.7	9.7	33	363	105	86	57	14	14	7.4	9.2	8.7
10	7.9	9.9	63	198	82	256	45	13	42	6.9	8.4	9.0
11	7.8	9.0	78	86	68	577	40	13	27	6.8	9.6	7.3
12	7.7	9.2	49	107	59	180	37	12	53	6.9	10	6.2
13	7.4	9.1	41	557	91	98	36	13	48	7.0	15	6.0
14	7.3	9.3	226	282	244	73	32	13	40	7.4	14	6.0
15	7.2	9.3	224	126	875	60	29	12	58	e11	12	6.4
16	7.5	9.4	89	73	2400	53	26	11	35	e19	9.4	6.3
17	7.6	9.5	55	54	2260	47	24	11	30	e27	8.7	6.9
18	7.7	9.5	43	117	1790	278	23	11	20	e10	8.1	9.6
19	7.3	9.4	35	1350	508	2300	73	12	15	e8.0	7.8	14
20	7.2	39	30	1480	167	1910	205	12	12	e13	7.3	11
21	7.3	139	28	256	115	350	497	12	11	e11	7.5	7.2
22	7.5	57	27	173	94	150	163	12	9.8	30	8.4	6.4
23	9.3	28	29	1560	99	242	71	12	9.3	107	8.2	6.0
24	14	20	30	1860	103	206	47	13	8.9	182	12	6.2
25	14	14	27	453	139	120	37	22	8.5	42	13	5.9
26	12	13	25	140	403	93	31	18	8.5	29	9.8	6.3
27	10	12	23	114	257	78	26	27	8.8	20	204	6.4
28	9.5	11	30	509	123	65	24	22	8.8	14	445	6.6
29	9.4	11	34	523	90	58	22	38	8.3	13	114	6.3
30	9.8	11	29	267	---	56	22	35	10	28	31	5.1
31	9.3	---	26	187	---	53	---	23	---	30	18	---
TOTAL	272.6	544.9	3935	11060	12736	8526	1996	520	602.9	721.3	1103.4	239.0
MEAN	8.79	18.2	127	357	439	275	66.5	16.8	20.1	23.3	35.6	7.97
MAX	14	139	1140	1860	2400	2300	497	38	58	182	445	14
MIN	7.2	8.6	13	20	59	47	22	11	8.3	6.8	7.3	5.1
CFSM	.09	.18	1.24	3.50	4.31	2.70	.65	.16	.20	.23	.35	.08
IN.	.10	.20	1.44	4.03	4.64	3.11	.73	.19	.22	.26	.40	.09

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1992, BY WATER YEAR (WY)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	64.0	137	206	292	459	367	279	173	56.5	57.1	36.0	36.2	
MAX	294	367	710	834	1119	880	737	739	221	429	165	263	
(WY)	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	
MIN	4.83	6.79	14.3	30.5	128	131	35.8	11.8	2.90	6.81	4.94	4.79	
(WY)	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1980 - 1992
ANNUAL TOTAL	84778.1	42257.1	179
ANNUAL MEAN	232	115	301
HIGHEST ANNUAL MEAN			86.6
LOWEST ANNUAL MEAN			10900
HIGHEST DAILY MEAN	5900	2400	10900
LOWEST DAILY MEAN	6.6	5.1	1.5
ANNUAL SEVEN-DAY MINIMUM	6.8	6.1	1.9
INSTANTANEOUS PEAK FLOW		2650	17900
INSTANTANEOUS PEAK STAGE		17.69	23.18
INSTANTANEOUS LOW FLOW		4.6	1.5
ANNUAL RUNOFF (CFSM)	2.28	1.13	1.75
ANNUAL RUNOFF (INCHES)	30.92	15.41	23.81
10 PERCENT EXCEEDS	743	243	428
50 PERCENT EXCEEDS	33	20	33
90 PERCENT EXCEEDS	8.6	7.7	6.0

02473500 TALLAHALA CREEK AT LAUREL, MS

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

DRAINAGE AREA.--238 mi².

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

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

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

REMARKS.--No estimated daily discharges. Records good. Telemeter and satellite telemeter at station.

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)
Feb. 20	1030	*2,240	*13.62				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	34	41	107	718	302	185	79	75	25	30	89
2	32	27	51	96	467	254	171	74	55	28	38	60
3	27	33	270	89	359	224	156	69	49	30	38	49
4	25	31	530	87	304	203	145	65	40	30	32	40
5	22	32	608	85	467	256	136	63	34	28	27	35
6	21	28	670	83	720	440	133	59	33	24	28	32
7	19	26	423	78	830	589	134	55	30	20	24	41
8	18	25	197	217	868	608	226	50	37	21	21	32
9	18	22	151	393	890	444	308	47	32	20	23	37
10	17	22	130	615	525	472	228	45	27	18	23	36
11	17	22	170	578	331	711	177	43	44	18	32	28
12	16	22	191	421	277	785	150	46	67	17	24	25
13	15	23	186	535	284	656	132	39	142	16	28	41
14	15	23	333	714	356	399	116	39	236	17	50	47
15	15	23	514	721	1020	292	107	38	384	16	46	24
16	14	23	501	490	1450	248	98	35	199	21	36	22
17	14	23	346	295	1450	214	89	34	151	35	28	26
18	14	23	220	348	1570	220	84	34	100	57	24	29
19	14	24	168	762	1700	541	117	31	76	37	20	34
20	14	64	140	920	2190	1040	286	29	58	26	17	28
21	13	179	122	955	1920	1260	599	27	46	30	16	27
22	13	222	110	1070	1320	1520	763	26	39	29	15	28
23	16	214	112	1630	483	1750	711	25	33	28	13	29
24	17	136	113	1570	384	1360	332	26	30	49	14	24
25	18	91	115	1290	367	576	248	28	28	176	14	20
26	20	67	106	1250	397	407	159	55	28	175	17	18
27	26	54	100	1340	451	313	128	64	26	92	145	18
28	26	45	109	1640	533	260	107	63	22	57	413	18
29	25	41	125	1290	405	226	95	62	21	44	425	18
30	23	41	132	1090	---	205	86	61	25	38	348	17
31	21	---	122	988	---	198	---	64	---	35	169	---
TOTAL	602	1640	7106	21747	23036	16973	6406	1475	2167	1257	2178	972
MEAN	19.4	54.7	229	702	794	548	214	47.6	72.2	40.5	70.3	32.4
MAX	37	222	670	1640	2190	1750	763	79	384	176	425	89
MIN	13	22	41	78	277	198	84	25	21	16	13	17
CFSM	.08	.23	.96	2.95	3.34	2.30	.90	.20	.30	.17	.30	.14
IN.	.09	.26	1.11	3.40	3.60	2.65	1.00	.23	.34	.20	.34	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1992, BY WATER YEAR (WY)

	MEAN	64.9	168	399	575	775	801	710	361	121	127	79.7	67.6
MAX	433	1386	1967	2286	2478	1741	2366	1868	440	1604	378	381	
(WY)	1986	1949	1962	1947	1961	1980	1980	1953	1961	1940	1944	1988	
MIN	3.07	6.17	30.9	29.9	61.2	86.4	53.9	15.4	8.77	11.7	9.47	5.69	
(WY)	1964	1957	1957	1957	1957	1957	1963	1963	1988	1963	1951	1954	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1938 - 1992
ANNUAL TOTAL	153469	85559	
ANNUAL MEAN	420	234	352
HIGHEST ANNUAL MEAN			726
LOWEST ANNUAL MEAN			109
HIGHEST DAILY MEAN	6130	May 2	18400
LOWEST DAILY MEAN	13	Sep 20	1.8
ANNUAL SEVEN-DAY MINIMUM	14	Oct 16	2.0
INSTANTANEOUS PEAK FLOW			23300
INSTANTANEOUS PEAK STAGE			23.28
INSTANTANEOUS LOW FLOW			1.8b
ANNUAL RUNOFF (CFSM)	1.77	.98	1.48
ANNUAL RUNOFF (INCHES)	23.99	13.37	20.09
10 PERCENT EXCEEDS	1270	711	950
50 PERCENT EXCEEDS	134	62	97
90 PERCENT EXCEEDS	22	19	14

a Also occurred on Aug. 23.

b Also occurred on Nov. 3, 1952, Oct. 31, and Nov. 1, 1963.

PASCAGOULA RIVER BASIN

02474500 TALLAHALA CREEK NEAR RUNNELSTOWN, MS

LOCATION.--Lat 31°19'57", long 89°06'46", in SEMSEW 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.--Estimated daily discharges: Sept. 22-29. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since about 1865, 30 1/4 ft in April 1900, flood in December 1919 reached a stage of 26 1/4 ft, and flood in about 1865 reached a stage between 26 1/4 ft and 30 1/4 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)
Jan. 23	1000	5,100	15.16	Feb. 15	2200	*5,970	*16.31
Jan. 28	0900	5,550	15.76				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	219	120	176	345	2480	1040	569	275	233	262	110	431
2	179	137	176	315	1810	865	529	251	203	186	151	252
3	159	139	339	288	1340	765	488	235	188	134	118	176
4	142	127	1090	271	1090	699	451	220	178	117	111	140
5	131	134	1410	264	1900	951	422	206	176	108	103	121
6	121	128	1420	259	2520	2090	401	191	138	99	98	124
7	112	124	1300	248	2310	1940	401	180	123	97	114	115
8	106	117	830	422	2160	1760	410	169	136	96	131	164
9	102	112	519	1910	1990	1510	624	162	210	91	102	134
10	100	111	423	1720	1720	1310	707	154	187	87	96	110
11	99	109	391	1570	1200	1940	564	148	171	84	96	116
12	98	108	484	1300	882	1970	473	143	315	81	97	98
13	98	108	489	1900	1090	1750	409	157	293	77	167	97
14	96	108	875	1980	1510	1480	364	152	712	75	139	98
15	98	108	1330	1790	3750	1040	334	133	618	75	124	101
16	99	109	1310	1480	5490	816	317	128	847	81	162	102
17	99	109	1090	1080	5460	707	285	124	559	95	132	100
18	100	111	810	1140	5370	712	265	119	413	169	104	101
19	101	134	589	3730	4690	1770	503	121	291	183	97	104
20	99	312	475	3200	4080	2350	1210	131	220	156	96	109
21	94	633	401	2540	3980	2590	2390	117	179	120	95	110
22	94	723	354	2380	3900	2750	2000	107	151	114	94	e109
23	97	745	332	4860	2920	3000	1680	105	129	126	93	e108
24	99	586	350	4750	1610	2970	1250	103	114	111	92	e107
25	122	432	361	4180	1340	2430	910	119	102	149	89	e106
26	123	320	350	3540	1290	1420	1020	141	130	303	87	e104
27	113	254	324	3280	1240	1050	611	237	150	384	276	e102
28	116	218	360	5370	1250	848	426	435	102	254	980	e99
29	130	190	380	4960	1260	727	347	274	137	180	1060	e95
30	130	179	394	4120	---	648	303	243	487	137	1020	89
31	123	---	383	3180	---	600	---	229	---	112	760	---
TOTAL	3599	6845	19515	68372	71632	46498	20663	5509	7892	4343	6994	3822
MEAN	116	228	630	2206	2470	1500	689	178	263	140	226	127
MAX	219	745	1420	5370	5490	3000	2390	435	847	384	1060	431
MIN	94	108	176	248	882	600	265	103	102	75	87	89
CFSM	.19	.37	1.03	3.60	4.04	2.45	1.13	.29	.43	.23	.37	.21
IN.	.22	.42	1.19	4.16	4.35	2.83	1.26	.33	.48	.26	.43	.23

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1992, BY WATER YEAR (WY)

	230	470	1066	1495	1953	2003	1831	1069	379	416	279	268
MEAN	230	470	1066	1495	1953	2003	1831	1069	379	416	279	268
MAX	936	2635	4400	4627	5750	4291	6595	4728	1464	4294	933	1134
(WY)	1958	1949	1962	1947	1961	1948	1980	1991	1991	1940	1944	1957
MIN	32.5	39.4	97.1	131	273	343	162	77.1	71.0	70.3	56.4	36.8
(WY)	1964	1964	1955	1957	1957	1957	1963	1963	1988	1963	1951	1954

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1940 - 1992

	470872	265684	
ANNUAL TOTAL	470872	265684	
ANNUAL MEAN	1290	726	945
HIGHEST ANNUAL MEAN			1949
LOWEST ANNUAL MEAN			330
HIGHEST DAILY MEAN	10600	May 4	29600
LOWEST DAILY MEAN	94	Oct 21	29
ANNUAL SEVEN-DAY MINIMUM	98	Oct 17	31
INSTANTANEOUS PEAK FLOW			32800
INSTANTANEOUS PEAK STAGE			30.07a
INSTANTANEOUS LOW FLOW			29
ANNUAL RUNOFF (CFSM)	2.11	1.19	1.54
ANNUAL RUNOFF (INCHES)	28.62	16.15	20.99
10 PERCENT EXCEEDS	3670	1980	2620
50 PERCENT EXCEEDS	519	240	370
90 PERCENT EXCEEDS	113	99	77

a From outside gage.

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS

LOCATION.--Lat 31°13'17", long 89°03'11", in NEMSW 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 gage. Datum of gage is 72.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges: Records good. Telemeter and satellite telemeter at station.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1780	1160	1370	1990	7840	4930	3400	1940	1620	1890	1560	5600
2	1570	1210	1370	1910	5810	4400	3260	1860	1460	1550	1760	3540
3	1450	1510	3230	1840	4670	4070	3110	1810	1440	1420	1590	2490
4	1390	1780	6760	1790	4040	3850	3000	1740	1410	1260	1380	1950
5	1340	1510	7690	1760	6050	4320	2910	1680	1410	1150	1180	1770
6	1300	1310	7570	1730	9400	7810	2870	1630	1380	1100	1230	1700
7	1240	1220	6270	1710	10000	9100	2870	1570	1320	1120	1110	1740
8	1190	1160	4090	2060	9060	7680	2910	1530	1330	1160	1120	1700
9	1170	1130	3030	5890	7910	6690	3380	1500	1550	1080	1060	1510
10	1150	1120	2730	6830	5960	5910	3600	1480	1490	1150	1030	1400
11	1140	1120	2540	5380	4370	7390	3210	1460	1360	1040	998	1330
12	1130	1100	2920	4220	3560	7580	2970	1430	1520	1000	1000	1260
13	1120	1100	3260	6300	3430	7380	2820	1410	1970	976	1210	1200
14	1100	1090	3430	8000	5850	6770	2680	1470	2140	970	1510	1190
15	1100	1100	5230	6910	9430	5500	2580	1420	2460	962	1340	1140
16	1090	1100	5310	5870	18100	4550	2500	1380	2800	1010	1270	1130
17	1080	1100	4970	4560	20700	4040	2450	1340	2670	1180	1160	1120
18	1070	1100	3980	3870	21600	3900	2390	1320	2160	1280	1040	1230
19	1060	1120	3050	11000	20700	7460	2820	1290	1740	1310	979	1290
20	1050	1480	2580	14400	17000	11100	4250	1290	1500	1230	1000	1390
21	1050	2530	2330	12400	12100	10700	8470	1290	1360	1300	1040	1320
22	1040	3460	2190	9440	9000	8410	8350	1260	1260	1280	1000	1210
23	1060	3670	2090	13200	7600	7570	7290	1240	1180	1500	1040	1170
24	1240	3140	2110	18000	6510	7300	5880	1220	1140	1510	1200	1140
25	1160	2400	2290	17100	5830	6810	4290	1310	1110	1980	1070	1210
26	1220	1900	2210	12200	5700	5640	3650	1310	1100	2350	1140	1180
27	1250	1640	2060	8860	5720	4760	2990	1440	1140	2190	1920	1160
28	1180	1490	2190	13100	6080	4220	2440	1880	1100	1750	8120	1120
29	1210	1420	2150	16600	5730	3870	2170	1900	1130	1460	10900	1100
30	1190	1370	2160	14100	---	3660	2030	1780	1880	1250	9370	1060
31	1180	---	2110	10700	---	3500	---	1850	---	1260	8220	---
TOTAL	37300	47540	105270	243720	259750	190870	107540	47030	47130	41668	69547	47350
MEAN	1203	1585	3396	7862	8957	6157	3585	1517	1571	1344	2243	1578
MAX	1780	3670	7690	18000	21600	11100	8470	1940	2800	2350	10900	5600
MIN	1040	1090	1370	1710	3430	3500	2030	1220	1100	962	979	1060
CFSM	.47	.62	1.34	3.09	3.52	2.42	1.41	.60	.62	.53	.88	.62
IN.	.55	.70	1.54	3.57	3.80	2.79	1.57	.69	.69	.61	1.02	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1992, BY WATER YEAR (WY)

	1915	2999	3719	7006	8542	7053	4606	5524	2643	1812	1677	1486
MEAN	1915	2999	3719	7006	8542	7053	4606	5524	2643	1812	1677	1486
MAX	3904	5640	7355	14920	21510	14330	9662	18250	6097	4854	2516	3485
(WY)	1985	1986	1987	1990	1990	1987	1991	1991	1991	1989	1985	1988
MIN	713	912	1373	2389	3277	3645	1624	1131	757	979	802	842
(WY)	1988	1991	1988	1988	1989	1988	1986	1988	1988	1988	1986	1990

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1984 - 1992

	2053480	1244715	4139
ANNUAL TOTAL	2053480	1244715	4139
ANNUAL MEAN	5626	3401	6332
HIGHEST ANNUAL MEAN			2328
LOWEST ANNUAL MEAN			1990
HIGHEST DAILY MEAN	40200	May 3	21600
LOWEST DAILY MEAN	1040	Oct 22	962
ANNUAL SEVEN-DAY MINIMUM	1060	Oct 17	1020
INSTANTANEOUS PEAK FLOW			21800
INSTANTANEOUS PEAK STAGE			20.02
INSTANTANEOUS LOW FLOW			951
ANNUAL RUNOFF (CFSM)	2.21	1.34	1.63
ANNUAL RUNOFF (INCHES)	30.05	18.22	22.12
10 PERCENT EXCEEDS	14600	7860	9370
50 PERCENT EXCEEDS	2980	1760	2170
90 PERCENT EXCEEDS	1190	1100	868

PASCAGOULA RIVER BASIN

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.86	2.98	3.32	3.70	9.70	6.30	4.67	3.52	3.09	3.50	3.18	7.78
2	3.57	3.05	3.31	3.59	8.14	5.77	4.47	3.43	2.87	3.02	3.47	5.66
3	3.40	3.51	5.63	3.51	7.12	5.44	4.36	3.35	2.84	2.82	3.23	4.42
4	3.31	3.90	9.01	3.43	6.49	5.21	4.23	3.26	2.79	2.58	2.92	3.72
5	3.22	3.51	9.69	3.39	8.29	5.69	4.14	3.17	2.80	2.41	2.60	3.49
6	3.16	3.21	9.57	3.35	10.94	9.41	4.08	3.10	2.75	2.32	2.69	3.38
7	3.08	3.08	8.27	3.32	11.44	10.70	4.09	3.03	2.66	2.36	2.50	3.44
8	3.00	2.99	6.09	3.76	10.68	9.40	4.13	2.97	2.68	2.43	2.50	3.38
9	2.96	2.93	4.95	7.89	9.76	8.05	4.65	2.92	2.99	2.29	2.41	3.12
10	2.94	2.92	4.61	8.83	8.26	7.22	4.90	2.89	2.91	2.40	2.37	2.95
11	2.93	2.91	4.39	7.38	6.82	9.05	4.48	2.86	2.72	2.24	2.31	2.84
12	2.90	2.90	4.83	6.24	5.98	9.30	4.21	2.82	2.96	2.17	2.32	2.73
13	2.89	2.89	5.21	8.34	5.84	9.02	4.03	2.80	3.58	2.13	2.66	2.64
14	2.86	2.88	5.40	9.93	8.15	8.16	3.87	2.88	3.81	2.12	3.11	2.62
15	2.85	2.89	7.21	8.89	10.91	6.83	3.75	2.81	4.22	2.11	2.85	2.55
16	2.85	2.89	7.29	7.84	17.16	5.92	3.66	2.75	4.64	2.26	2.75	2.52
17	2.83	2.89	6.96	6.58	18.81	5.40	3.59	2.70	4.48	2.61	2.57	2.51
18	2.82	2.89	5.98	5.91	19.32	5.26	3.53	2.66	3.84	2.77	2.37	2.68
19	2.80	2.92	4.97	12.26	18.79	9.05	4.03	2.62	3.28	2.80	2.28	2.78
20	2.78	3.45	4.43	---	16.40	12.26	5.53	2.61	2.93	2.69	2.31	2.93
21	2.78	4.88	4.13	13.25	12.90	11.93	10.04	2.62	2.73	2.79	2.38	2.82
22	2.77	5.99	3.94	11.09	10.62	10.13	10.02	2.57	2.58	2.77	2.31	2.65
23	2.80	6.21	3.82	13.88	9.30	9.25	9.09	2.54	2.45	3.10	2.38	2.59
24	3.10	5.61	3.84	17.21	7.82	8.87	7.72	2.51	2.38	3.11	2.64	2.55
25	2.97	4.73	4.07	16.59	7.15	8.15	6.18	2.64	2.34	3.77	2.44	2.65
26	3.06	4.08	3.97	13.12	7.03	6.91	5.53	2.66	2.32	4.25	2.53	2.61
27	3.11	3.71	3.79	10.59	7.05	6.07	4.79	2.84	2.39	4.05	3.64	2.57
28	2.99	3.50	3.94	13.80	7.37	5.54	4.16	3.45	2.32	3.46	10.13	2.52
29	3.05	3.39	3.90	16.21	7.05	5.18	3.82	3.48	2.37	3.03	12.43	2.47
30	3.03	3.31	3.91	14.40	---	4.95	3.64	3.31	3.46	2.72	11.25	2.41
31	3.01	---	3.84	11.89	---	4.79	---	3.41	---	2.73	10.30	---
MEAN	3.02	3.57	5.30	---	10.18	7.59	4.98	2.94	3.01	2.77	3.74	3.13
MAX	3.86	6.21	9.69	---	19.32	12.26	10.04	3.52	4.64	4.25	12.43	7.78
MIN	2.77	2.88	3.31	---	5.84	4.79	3.53	2.51	2.32	2.11	2.28	2.41

02474600 BOGUE HOMO NEAR RICHTON, MS

LOCATION.--Lat 31°24'12", long 89°01'18", in NE4NW4 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: Oct. 1-2, Jan. 17 - Feb. 4, May 11 - June 10, June 29 - July 21, and July 25 - Aug. 19. Records good except estimated daily discharges, which are poor. Flow slightly regulated by Lake Bogue Homo, 36 mi upstream.

EXTREMES OUTSIDE PERIOD OF RECORD.--A flood prior to January 1941, reached a stage of 26¹/₂ 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)
Feb. 18	1000	*4,530	*12.03	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e61	44	61	203	e1300	428	258	123	e64	e140	e85	269
2	e53	39	61	158	e1100	367	245	116	e53	e100	e60	138
3	46	32	68	130	e800	322	218	110	e50	e68	e56	81
4	40	31	77	107	e580	298	198	103	e47	e62	e53	61
5	38	40	151	104	1020	476	180	96	e45	e57	e50	51
6	33	41	192	97	1470	1250	167	89	e42	e53	e48	51
7	30	39	159	89	1240	1270	180	82	e40	e71	e46	50
8	28	33	113	236	971	1050	166	80	e37	e47	e44	50
9	31	30	93	1130	912	951	171	82	e34	e43	e47	56
10	33	28	87	1190	811	987	217	79	e35	e39	e50	45
11	30	32	83	958	563	947	233	e77	149	e36	e52	40
12	28	33	100	1150	395	767	225	e75	387	e34	e66	35
13	27	29	108	1600	609	757	219	e73	348	e31	e83	36
14	27	28	222	1300	801	740	182	e72	560	e28	e64	41
15	26	28	463	902	2120	585	166	e70	425	e25	e69	50
16	25	28	476	798	3890	407	158	e69	356	e22	e210	42
17	24	28	483	e780	4120	337	148	e68	443	e19	e130	43
18	24	27	489	e900	4410	355	142	e67	439	e57	e70	51
19	23	27	333	e3000	3580	1090	272	e65	220	e100	e49	68
20	27	76	190	e2200	2670	1090	949	e63	112	e58	43	72
21	28	171	149	e1800	2030	907	1870	e61	76	e35	40	56
22	29	298	115	e1300	1560	984	1660	e60	58	22	37	90
23	30	333	91	e2400	1160	1210	1260	e59	48	21	38	94
24	39	327	94	e3300	779	1190	1300	e57	43	24	36	67
25	43	252	100	e2600	643	999	1130	e56	39	e39	48	55
26	107	145	114	e2400	649	804	719	e77	35	e220	56	51
27	168	101	114	e2200	598	585	343	e77	33	e190	82	49
28	124	81	173	e4000	553	417	213	e64	31	e170	149	47
29	76	69	218	e3500	506	338	155	e60	e55	e110	186	41
30	56	64	227	e2700	---	294	127	e55	e220	e68	247	36
31	47	---	241	e1800	---	270	---	e71	---	e64	304	---
TOTAL	1401	2534	5645	45032	41840	22472	13471	2356	4524	2053	2598	1916
MEAN	45.2	84.5	182	1453	1443	725	449	76.0	151	66.2	83.8	63.9
MAX	168	333	489	4000	4410	1270	1870	123	560	220	304	269
MIN	23	27	61	89	395	270	127	55	31	19	36	35
CFSM	.13	.25	.53	4.22	4.19	2.11	1.31	.22	.44	.19	.24	.19
IN.	.15	.27	.61	4.87	4.52	2.43	1.46	.25	.49	.22	.28	.21

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1992, BY WATER YEAR (WY)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	165	271	695	1036	1123	1065	1033	643	187	139	103	183										
MAX	881	1284	2118	2287	2545	2180	2796	2359	533	682	537	1115										
(WY)	1976	1987	1974	1990	1990	1979	1980	1991	1991	1989	1975	1974										
MIN	10.4	12.8	26.0	87.5	277	295	93.7	65.0	15.8	24.5	15.2	13.3										
(WY)	1991	1982	1988	1981	1989	1986	1986	1988	1985	1987	1972	1990										

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1971 - 1992
ANNUAL TOTAL	216800	145842	
ANNUAL MEAN	594	398	551
HIGHEST ANNUAL MEAN			911
LOWEST ANNUAL MEAN			201
HIGHEST DAILY MEAN	6200	4410	19900
LOWEST DAILY MEAN	21	19	6.4
ANNUAL SEVEN-DAY MINIMUM	24	25	6.6
INSTANTANEOUS PEAK FLOW		4530	21900
INSTANTANEOUS PEAK STAGE		12.03	27.63
INSTANTANEOUS LOW FLOW		19a	6.2b
ANNUAL RUNOFF (CFSM)	1.73	1.16	1.60
ANNUAL RUNOFF (INCHES)	23.44	15.77	21.75
10 PERCENT EXCEEDS	1900	1150	1520
50 PERCENT EXCEEDS	215	95	167
90 PERCENT EXCEEDS	30	32	21

a May have been less during periods of no gage height.
b Also occurred on August 2, 4, and 5, 1981.

PASCAGOULA RIVER BASIN

02475000 LEAF RIVER NEAR McLAIN, MS

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

DRAINAGE AREA.--3,495 mi².

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

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

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

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2300	1350	1670	2470	17600	5880	3540	2420	1860	2960	1580	8140
2	1940	1330	1660	2310	13000	5090	3380	2260	1630	2120	1820	4970
3	1740	1460	2120	2170	9590	4530	3190	2150	1580	1760	1880	3280
4	1630	1860	5770	2020	7500	4160	3010	2060	1600	1510	1720	2300
5	1550	1890	8100	1920	9520	4110	2870	1960	1500	1330	1480	1930
6	1480	1610	8400	1870	12600	8400	2780	1880	1480	1210	1370	1790
7	1420	1460	7790	1810	13700	12300	2770	1800	1430	1150	1360	1770
8	1360	1380	5500	1980	13200	11700	2760	1740	1410	1190	1280	1780
9	1320	1320	3550	7240	11600	9410	2930	1690	1480	1170	1270	1730
10	1290	1290	2960	10100	9780	9120	3400	1660	1640	1090	1210	1520
11	1280	1280	2630	8520	7540	9620	3280	1610	1530	1160	1260	1430
12	1260	1270	2650	6720	5840	10300	2960	1580	1650	1040	1200	1330
13	1240	1260	3190	10600	5120	9590	2760	1540	2310	1010	1300	1240
14	1220	1250	3310	12600	8100	8780	2610	1550	2570	987	1730	1190
15	1200	1240	4770	11200	11500	7190	2430	1560	3150	995	1780	1150
16	1190	1240	6050	9080	19300	5650	2310	1490	3260	1000	1620	1130
17	1190	1240	5890	7230	24600	4660	2210	1440	3420	1110	1520	1120
18	1170	1230	5170	5850	29400	4200	2140	1430	3120	1380	1370	1190
19	1160	1240	4030	14100	30200	9620	2360	1380	2670	1720	1280	1290
20	1140	1770	3180	19000	29100	13300	5770	1350	2190	1400	1300	1440
21	1130	3410	2690	19500	25000	14500	16300	1340	1780	1430	1230	1450
22	1130	4180	2400	17100	19400	13000	15300	1320	1510	1400	1300	1380
23	1130	4680	2220	17500	14600	11800	12200	1280	1370	1540	1210	1350
24	1250	4420	2130	21500	10800	10500	9880	1260	1260	1670	1350	1290
25	1360	3610	2230	23700	8010	9420	8100	1290	1200	1930	1370	1260
26	1320	2820	2320	23000	7050	7770	6610	1340	1190	2450	1340	1290
27	1460	2320	2200	19100	6830	6130	5320	1430	1310	2510	1930	1290
28	1490	2020	3200	19100	6750	5140	3810	1720	1200	2210	5010	1200
29	1440	1830	3290	22200	6740	4490	2990	2170	1140	1910	10600	1150
30	1420	1730	2730	23700	---	4040	2630	1970	1820	1640	11400	1120
31	1390	---	2610	21600	---	3740	---	1990	---	1460	9970	---
TOTAL	42600	58990	116410	366790	393970	248140	142600	51660	55260	47442	76040	54440
MEAN	1374	1966	3755	11830	13590	8005	4753	1666	1842	1530	2453	1815
MAX	2300	4680	8400	23700	30200	14500	16300	2420	3420	2960	11400	8140
MIN	1130	1230	1660	1810	5120	3740	2140	1260	1140	987	1200	1120
CFSM	.39	.56	1.07	3.39	3.89	2.29	1.36	.48	.53	.44	.70	.52
IN.	.45	.63	1.24	3.90	4.19	2.64	1.52	.55	.59	.50	.81	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1992, BY WATER YEAR (WY)

	1791	2872	6032	8126	10490	10840	10010	6313	2748	2767	2172	2188
MEAN	1791	2872	6032	8126	10490	10840	10010	6313	2748	2767	2172	2188
MAX	6282	13580	25930	21120	30530	24300	39220	25390	9257	19680	5920	7901
(WY)	1976	1949	1962	1947	1961	1948	1980	1991	1959	1940	1949	1979
MIN	515	604	879	1343	2008	2362	1461	912	869	949	731	590
(WY)	1964	1964	1955	1956	1957	1955	1963	1963	1963	1952	1963	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1940 - 1992
ANNUAL TOTAL	2782520	1654342	
ANNUAL MEAN	7623	4520	5504
HIGHEST ANNUAL MEAN			11060
LOWEST ANNUAL MEAN			2024
HIGHEST DAILY MEAN	47400	May 6	126000
LOWEST DAILY MEAN	1130	Oct 21	482
ANNUAL SEVEN-DAY MINIMUM	1150	Oct 17	1040
INSTANTANEOUS PEAK FLOW			30400
INSTANTANEOUS PEAK STAGE			21.19
INSTANTANEOUS LOW FLOW			979
ANNUAL RUNOFF (CFSM)	2.18	1.29	1.57
ANNUAL RUNOFF (INCHES)	29.62	17.61	21.40
10 PERCENT EXCEEDS	19900	11600	13700
50 PERCENT EXCEEDS	3800	1970	2620
90 PERCENT EXCEEDS	1350	1220	925

LOCATION.--Lat 32°19'35", long 88°54'35", in SEMSW4 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.

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

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. Satellite telemeter and National Weather Service telemeter at station.

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)
Feb. 17	2200	*2.150	*7.77				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85	76	103	174	482	445	382	122	54	49	87	119
2	77	217	228	155	388	380	281	112	47	64	59	94
3	71	151	992	145	340	342	233	102	48	62	46	80
4	66	101	1160	143	310	324	206	94	50	63	40	74
5	62	81	589	139	586	324	189	88	54	54	39	70
6	59	75	315	133	1550	535	173	81	55	44	148	65
7	56	72	253	127	1590	506	175	74	45	38	302	61
8	54	71	219	141	795	384	188	69	68	34	154	56
9	54	70	215	319	525	323	186	67	84	32	84	52
10	52	71	579	335	432	993	174	65	65	30	61	47
11	51	71	715	231	386	1280	161	63	118	29	70	45
12	49	70	381	233	353	1110	154	64	931	27	99	40
13	48	70	283	799	861	491	147	68	1570	28	146	37
14	47	70	502	953	1810	373	142	64	1820	28	103	35
15	46	85	995	743	1960	324	129	61	1370	49	71	32
16	45	161	537	462	2100	293	136	57	409	67	57	30
17	46	152	357	338	2100	270	120	52	202	73	45	32
18	45	140	303	316	1970	293	117	50	142	55	39	38
19	46	132	291	1180	1390	709	300	76	111	56	34	57
20	45	280	232	1500	758	658	735	59	93	56	32	51
21	44	784	199	994	589	373	1560	49	80	62	31	44
22	44	486	188	712	510	303	1810	44	71	47	31	40
23	44	289	179	1370	488	401	728	41	62	51	36	50
24	58	175	176	1630	480	469	352	40	57	141	39	57
25	75	135	173	881	516	336	307	39	53	277	36	48
26	69	118	162	503	1140	283	297	38	49	201	42	44
27	64	108	153	422	1310	255	197	42	47	99	878	47
28	62	100	156	629	787	226	158	46	48	193	1630	51
29	60	96	202	861	544	207	140	115	45	298	1050	47
30	61	97	209	653	---	227	129	88	43	178	380	42
31	59	---	190	592	---	585	---	67	---	137	169	---
TOTAL	1744	4604	11236	17813	27050	14022	10006	2097	7891	2622	6038	1585
MEAN	56.3	153	362	575	933	452	334	67.6	263	84.6	195	52.8
MAX	85	784	1160	1630	2100	1280	1810	122	1820	298	1630	119
MIN	44	70	103	127	310	207	117	38	43	27	31	30
CFSM	.15	.42	.98	1.56	2.53	1.23	.90	.18	.71	.23	.53	.14
IN.	.18	.46	1.13	1.80	2.73	1.41	1.01	.21	.80	.26	.61	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1992, BY WATER YEAR (WY)

MEAN	100	254	539	818	1096	1133	968	488	193	212	122	95.7
MAX	589	1854	2741	2561	3449	2890	2850	2072	617	1671	725	751
(WY)	1978	1949	1962	1947	1990	1980	1979	1991	1983	1940	1975	1979
MIN	4.01	16.8	74.0	143	241	185	113	41.5	18.3	16.1	10.5	3.08
(WY)	1964	1964	1939	1956	1954	1955	1967	1963	1988	1952	1954	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1938 - 1992
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ANNUAL TOTAL	252600		106708			
ANNUAL MEAN	692		292		498	
HIGHEST ANNUAL MEAN					1028	1983
LOWEST ANNUAL MEAN					171	1963
HIGHEST DAILY MEAN	12700	May 1	2100	Feb 16	26400	Mar 4 1979
LOWEST DAILY MEAN	36	Sep 17	27	Jul 12	1.6	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	40	Sep 12	30	Jul 8	1.8	Sep 25 1954
INSTANTANEOUS PEAK FLOW			2150	Feb 17	40900	Mar 4 1979
INSTANTANEOUS PEAK STAGE			7.77	Feb 17	26.64	Mar 4 1979
INSTANTANEOUS LOW FLOW			25	Jul 12, 13	1.6	Sep 28-30 1954
ANNUAL RUNOFF (CFSM)	1.88		.79		1.35	
ANNUAL RUNOFF (INCHES)	25.47		10.76		18.36	
10 PERCENT EXCEEDS	1750		789		1250	
50 PERCENT EXCEEDS	241		128		159	
90 PERCENT EXCEEDS	59		44		24	

PASCAGOULA RIVER BASIN

02476500 SOWASHEE CREEK AT MERIDIAN, MS

LOCATION.--Lat 32°22'25", long 88°40'40", in SE4 sec. 8, T.6 N., R.16 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, at bridge on U.S. Highways 80 and 11, 0.2 mi downstream from Southern Railway System bridge, and 9.5 mi upstream from mouth.

DRAINAGE AREA.--49.0 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, at present site at datum 3.00 ft higher. Nov. 13, 1959 to Dec. 13, 1990 at site 0.4 mi downstream.

REMARKS.--Estimated daily discharges: Oct. 1-24, Nov. 20-26, Nov. 29 - Jan. 8, Feb. 4-13, Feb. 27 - Apr. 6, Apr. 27-30, May 30 - June 24, July 4 - Aug. 5, Sept. 7-30. Records poor. Satellite telemeter and National Weather Service telemeter at station.

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. 20	0500	*1,630	*6.43	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5.0	27	e15	e13	125	e35	e60	29	e6.1	11	e8.0	47
2	e4.5	8.0	e35	e12	40	e32	e45	29	e6.2	12	e6.2	43
3	e4.0	3.7	e100	e11	5.6	e30	e20	25	e8.3	14	e4.9	37
4	e3.6	2.7	e50	e11	e3.8	e40	e18	24	e14	e14	e3.5	40
5	e3.2	2.2	e35	e11	e3.8	e50	e17	22	e9.7	e12	e3.1	34
6	e2.9	2.1	e25	e10	e70	e45	e16	20	e6.2	e11	80	26
7	e2.7	2.1	e23	e26	e35	e40	31	18	e5.5	e9.9	60	e18
8	e2.6	1.8	e25	e33	e22	e45	20	17	e7.9	e8.8	41	e16
9	e2.5	1.7	e30	28	e17	e50	16	16	e15	e8.5	34	e14
10	e2.4	1.8	e80	24	e15	e130	13	15	e16	e8.1	29	e13
11	e2.3	1.8	e45	14	e20	e50	12	14	e60	e7.4	44	e12
12	e2.3	1.7	e30	18	e150	e35	9.5	13	e180	e7.7	74	e11
13	e2.3	1.6	e25	51	e320	e30	8.2	14	e135	e7.7	79	e11
14	e2.2	1.6	e70	36	245	e27	7.9	12	e240	e11	49	e10
15	e2.2	1.6	e60	23	187	e25	6.7	10	e125	e14	38	e9.0
16	e2.2	1.7	e35	17	124	e26	5.3	9.6	e27	e15	34	e10
17	e2.2	1.9	e23	17	61	e28	5.1	12	e14	e13	28	e11
18	e2.1	1.9	e19	61	45	e40	6.1	13	e12	e11	24	e16
19	e2.1	2.0	e18	47	38	e80	501	9.8	e11	e10	20	e14
20	e2.1	e30	e17	188	35	e50	521	8.4	e10	e16	18	e13
21	e2.1	e17	e16	39	41	e32	62	7.2	e9.4	e13	24	e11
22	e2.4	e8.0	e15	16	37	e30	41	6.6	e9.0	e10	25	e12
23	e4.0	e17	e15	9.9	45	e35	31	6.1	e8.8	e17	17	e15
24	e12	e30	e15	17	45	e22	26	7.3	e8.4	e40	17	e13
25	8.5	e27	e14	21	35	e18	19	8.1	12	e26	14	e10
26	3.6	e26	e14	16	30	e17	17	8.4	13	e15	21	e11
27	2.4	24	e14	16	e50	e16	e4	38	12	e12	579	e14
28	2.0	e22	e22	8.9	e45	e15	e13	38	11	e35	98	e12
29	1.7	e20	e30	6.1	e40	e17	e16	32	9.8	e25	69	e10
30	1.4	e14	e19	5.2	---	e26	e29	e15	9.8	e13	58	e9.0
31	1.6	---	e15	19	---	e54	---	e6.4	---	e10	51	---
TOTAL	97.1	303.9	949	825.1	1930.2	1170	1606.8	503.9	1012.1	438.1	1650.7	522.0
MEAN	3.13	10.1	30.6	26.6	66.6	37.7	53.6	16.3	33.7	14.1	53.2	17.4
MAX	12	30	100	188	320	130	521	38	240	40	579	47
MIN	1.4	1.6	14	5.2	3.8	15	5.1	6.1	5.5	7.4	3.1	9.0
CFSM	.06	.19	.59	.51	1.28	.72	1.03	.31	.65	.27	1.02	.33
IN.	.07	.22	.68	.59	1.38	.84	1.15	.36	.72	.31	1.18	.33

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

MEAN	19.9	29.4	79.5	99.8	141	160	128	60.2	31.1	31.3	18.7	17.2
MAX	147	147	448	325	464	438	505	234	197	252	92.7	157
(WY)	1990	1980	1962	1962	1961	1976	1964	1980	1989	1958	1982	1979
MIN	5.5	1.03	5.63	7.07	20.2	26.8	6.09	6.68	3.27	2.33	.74	.48
(WY)	1955	1957	1955	1956	1957	1955	1986	1988	1988	1986	1954	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1951 - 1992
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ANNUAL TOTAL	30956.3		11008.9					
ANNUAL MEAN	84.8		30.1			67.7		
HIGHEST ANNUAL MEAN						130		1989
LOWEST ANNUAL MEAN						19.4		1957
HIGHEST DAILY MEAN	2590	Feb 20	579	Aug 27	5770		Apr 6	1964
LOWEST DAILY MEAN	1.4	Oct 30	1.4	Oct 30		.20	Jul 12	1957
ANNUAL SEVEN-DAY MINIMUM	1.7	Nov 9	1.7	Nov 9		.27	Sep 4	1957
INSTANTANEOUS PEAK FLOW			1630	Apr 20	9530		Apr 6	1964
INSTANTANEOUS PEAK STAGE			6.43	Apr 20		22.98	Mar 4	1979
INSTANTANEOUS LOW FLOW			1.4	Oct 29,30		.20a	Oct 4	1954
ANNUAL RUNOFF (CFSM)	1.63		.58			1.30		
ANNUAL RUNOFF (INCHES)	22.10		7.86			17.66		
10 PERCENT EXCEEDS	157		50			134		
50 PERCENT EXCEEDS	25		16			18		
90 PERCENT EXCEEDS	2.7		2.7			2.2		

a Also many days from July to September 1957.

02476600 OKATIBBEE CREEK AT ARUNDEL, MS

LOCATION.--Lat 32°17'55", long 88°45'15", in SE4SW4 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: Nov. 22-26, Jan. 31 - Feb. 4, Feb. 7-12, Mar. 17-18. Records fair. Flow from 154 mi² above the station, 21.3 mi upstream, regulated by Okatibbee Lake since November 1968. Telemeter, satellite telemeter, and U.S. Army Corps of Engineers radio telemeter at station.

COOPERATION.--Gage-height record was collected in cooperation with the U. S. Army Corps of Engineers.

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).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	114	262	155	e500	1050	259	152	74	62	60	128
2	65	125	1420	151	e415	873	209	140	71	64	57	115
3	63	90	1590	156	e340	583	166	131	88	61	56	106
4	64	77	771	149	e335	458	145	123	142	56	56	103
5	63	142	457	145	491	446	132	116	105	55	81	100
6	59	318	387	140	750	477	123	109	82	50	352	92
7	58	359	411	134	e580	445	194	100	69	49	248	86
8	58	362	390	134	e470	413	186	97	72	48	117	83
9	59	361	452	259	e365	395	151	94	116	47	83	84
10	58	365	875	214	e290	1010	126	88	149	48	75	81
11	60	369	643	156	e350	852	115	86	550	49	68	77
12	57	372	510	184	e510	564	109	84	643	49	156	72
13	56	375	452	435	680	476	104	83	659	49	547	69
14	55	379	645	394	853	433	99	80	1200	74	445	67
15	56	379	609	373	1840	409	95	75	707	62	146	67
16	56	375	491	350	1930	390	93	70	361	91	100	67
17	56	373	387	408	1350	e280	85	67	212	67	88	67
18	55	377	291	604	1200	e600	80	72	153	68	81	79
19	55	402	255	1210	1020	1090	571	72	121	60	75	72
20	52	742	237	802	1060	682	1560	67	107	58	71	67
21	52	327	211	643	1120	469	3040	63	96	85	68	65
22	55	e160	174	671	1120	395	1280	62	87	62	72	65
23	58	e82	170	1510	1090	531	809	58	82	63	69	63
24	93	e86	169	1030	984	425	538	66	78	120	67	62
25	109	e170	155	798	1020	269	372	105	75	93	65	62
26	84	e270	148	831	1030	224	288	69	71	72	65	62
27	70	482	147	860	865	194	232	76	68	65	1410	62
28	65	386	243	920	896	165	205	123	65	116	1300	61
29	66	284	255	891	1030	146	182	194	61	81	601	60
30	62	267	198	735	---	181	166	118	63	69	275	57
31	61	---	166	e600	---	368	---	88	---	63	167	---
TOTAL	1948	8970	13571	16042	24484	15293	11714	2928	6427	2056	7121	2301
MEAN	62.8	299	438	517	844	493	390	94.5	214	66.3	230	76.7
MAX	109	742	1590	1510	1930	1090	3040	194	1200	120	1410	128
MIN	52	77	147	134	290	146	80	58	61	47	56	57
CFSM	.18	.87	1.28	1.51	2.47	1.44	1.14	.28	.63	.19	.67	.22
IN.	.21	.98	1.48	1.74	2.66	1.66	1.27	.32	.70	.22	.77	.25

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 1992, BY WATER YEAR (WY)

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	139	278	526	771	1006	1107	1024	605	291	222	177	170												
MAX	429	906	1569	1694	3160	2295	2359	1977	1275	1003	408	565												
(WY)	1971	1978	1983	1972	1990	1979	1980	1991	1983	1989	1975	1979												
MIN	31.2	33.4	82.0	118	281	233	124	94.5	42.8	66.3	64.9	76.7												
(WY)	1970	1979	1988	1988	1986	1988	1986	1992	1970	1992	1972	1992												

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1969 - 1992

	1991	1992	1969-1992
ANNUAL TOTAL	241430	112855	524
ANNUAL MEAN	661	308	1022
HIGHEST ANNUAL MEAN			181
LOWEST ANNUAL MEAN			18700
HIGHEST DAILY MEAN	8340	Apr 30	18700
LOWEST DAILY MEAN	52	Oct 20	19
ANNUAL SEVEN-DAY MINIMUM	54	Oct 16	22
INSTANTANEOUS PEAK FLOW			22800
INSTANTANEOUS PEAK STAGE			22.65
INSTANTANEOUS LOW FLOW			20
ANNUAL RUNOFF (CFSM)	1.93	.90	1.53
ANNUAL RUNOFF (INCHES)	26.26	12.28	20.80
10 PERCENT EXCEEDS	1610	837	1390
50 PERCENT EXCEEDS	304	143	206
90 PERCENT EXCEEDS	66	60	62

02476600 OKATIBBEE CREEK AT ARUNDEL, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.65	4.21	4.94	4.90	6.54	9.58	5.75	5.03	4.15	4.20	4.16	4.97
2	3.61	4.37	10.80	4.86	6.14	8.74	5.50	4.94	4.11	4.22	4.12	4.84
3	3.59	3.95	11.63	4.91	6.01	7.16	5.26	4.84	4.32	4.18	4.10	4.74
4	3.60	3.79	8.20	4.85	5.92	6.38	5.13	4.75	4.94	4.11	4.11	4.70
5	3.58	4.46	6.57	4.80	6.56	6.30	5.05	4.67	4.54	4.09	4.42	4.66
6	3.54	5.81	6.25	4.75	8.11	6.51	4.98	4.59	4.26	4.02	6.16	4.57
7	3.52	6.03	6.36	4.68	7.30	6.29	5.41	4.49	4.08	4.00	5.69	4.48
8	3.53	6.06	6.26	4.68	6.62	6.07	5.37	4.45	4.12	3.98	4.86	4.45
9	3.54	6.05	6.57	5.58	6.39	5.95	5.17	4.41	4.65	3.97	4.48	4.46
10	3.53	6.07	8.77	5.32	6.34	9.26	5.00	4.34	4.99	3.98	4.37	4.43
11	3.55	6.09	7.51	4.91	6.44	8.62	4.89	4.31	7.10	4.00	4.29	4.37
12	3.52	6.10	6.81	5.06	6.68	7.05	4.81	4.28	7.52	3.99	5.17	4.31
13	3.50	6.12	6.55	6.47	7.71	6.50	4.76	4.27	7.58	3.99	7.11	4.27
14	3.49	6.14	7.53	6.28	8.66	6.21	4.70	4.24	10.20	4.36	6.59	4.24
15	3.50	6.14	7.32	6.18	12.10	6.05	4.65	4.17	7.86	4.19	5.10	4.24
16	3.50	6.12	6.73	6.06	12.70	5.92	4.62	4.10	6.21	4.58	4.70	4.23
17	3.50	6.11	6.24	6.33	10.80	3.02	4.53	4.06	5.50	4.27	4.54	4.24
18	3.48	6.13	5.75	7.29	10.21	4.10	4.46	4.12	5.16	4.28	4.45	4.41
19	3.47	6.26	5.56	10.26	9.45	9.77	7.09	4.13	4.93	4.17	4.37	4.31
20	3.43	8.06	5.45	8.37	9.66	7.72	11.47	4.05	4.78	4.14	4.32	4.23
21	3.44	5.31	5.30	7.52	9.91	6.67	15.50	4.00	4.64	4.50	4.28	4.20
22	3.49	2.56	5.06	7.67	9.90	6.37	10.49	3.98	4.54	4.19	4.34	4.21
23	3.53	1.54	5.04	11.43	9.78	6.91	8.42	3.93	4.47	4.20	4.29	4.18
24	3.98	1.69	5.03	9.51	9.30	6.49	6.97	4.03	4.42	4.92	4.27	4.16
25	4.19	2.22	4.91	8.37	9.44	5.80	6.22	4.53	4.37	4.60	4.24	4.16
26	3.88	4.55	4.83	8.54	9.53	5.58	5.81	4.09	4.33	4.33	4.24	4.16
27	3.70	6.54	4.82	8.69	8.71	5.41	5.51	4.18	4.28	4.24	10.49	4.16
28	3.63	5.87	5.48	9.00	8.87	5.25	5.36	4.74	4.24	4.87	10.56	4.15
29	3.64	5.12	5.55	8.85	9.51	5.13	5.22	5.29	4.19	4.45	7.33	4.14
30	3.59	4.98	5.22	8.03	---	5.33	5.13	4.69	4.20	4.30	5.81	4.10
31	3.58	---	5.01	7.42	---	6.26	---	4.34	---	4.21	5.23	---
MEAN	3.59	5.15	6.39	6.82	8.46	6.53	6.11	4.39	5.16	4.24	5.23	4.36
MAX	4.19	8.06	11.63	11.43	12.70	9.77	15.50	5.29	10.20	4.92	10.56	4.97
MIN	3.43	1.54	4.82	4.68	5.92	3.02	4.46	3.93	4.08	3.97	4.10	4.10
CAL YR 1991	MEAN 6.85		MAX 19.22		MIN 1.54							
WTR YR 1992	MEAN 5.52		MAX 15.50		MIN 1.54							

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

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.

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

REMARKS.--Estimated daily discharges: Oct. 7-9, 23-26, Nov. 14-16, 25-27, Dec. 7-18, 21-26, Jan. 1-7, 13-15, Mar. 10-12, 18-21, May 5, June 10-16, July 6-14, Aug. 4, 5, 13-15, 20, 21, 27, 28, Sept. 30. Records good except for estimated discharges, which are poor. Flow from 154 mi¹ above the station, 38.4 mi upstream, regulated by Okatibbee Lake since November 1968. Satellite telemeter and National Weather Service telemeter at station.

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)
Feb. 15	1500	*6,890	17.82	Feb. 16	0300	(a)	*19.54

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	214	260	341	e450	1220	1780	1010	413	215	160	234	371
2	198	394	2370	e425	1010	1510	799	e384	196	166	181	310
3	185	343	3410	e400	887	1060	687	354	206	169	158	277
4	178	252	2240	e390	808	863	618	331	308	169	e147	264
5	177	249	1370	e430	1500	902	579	309	246	157	e165	247
6	173	457	878	e400	3830	1200	549	291	213	e144	471	230
7	e170	478	e780	e380	2880	1170	674	267	189	e143	618	212
8	e162	478	e700	418	2020	942	645	255	184	e142	412	200
9	e158	472	e670	811	1480	819	601	245	304	e141	249	189
10	156	470	e1200	819	1250	e1300	555	233	e530	e140	200	182
11	156	468	e1700	597	1140	e2100	521	227	e900	e139	178	179
12	150	468	e1200	580	1060	e1700	500	224	e1600	e138	349	167
13	147	465	e900	e1500	1520	1300	484	227	e3100	e137	e970	155
14	143	e490	e800	e1950	3060	956	459	222	e3300	e163	e900	149
15	144	e750	e1300	e1100	4980	836	435	210	e1700	240	e300	145
16	144	e700	e1400	976	5400	760	432	199	e960	310	214	142
17	147	572	e1000	840	4660	703	406	188	558	207	182	146
18	144	558	e830	1070	4070	e900	383	192	408	193	163	174
19	142	593	681	2930	2930	e1350	1560	200	330	180	151	185
20	140	1810	576	2540	2310	e2050	3540	204	281	165	e144	180
21	137	2460	e540	1930	2070	e1300	5310	182	246	215	e140	161
22	140	1400	e480	1600	1930	998	4160	172	220	185	156	158
23	e148	844	e430	3820	1910	1190	2230	164	201	169	146	148
24	e175	661	e400	3170	1720	1250	1210	160	186	342	151	166
25	e210	e550	e360	2250	1930	919	950	262	175	471	150	165
26	e220	e620	e340	1700	2670	754	810	184	168	386	164	156
27	185	e800	418	1570	2620	671	626	182	162	256	e1980	153
28	175	518	562	1870	2110	596	527	250	155	335	e3140	156
29	172	355	631	2110	1940	543	474	535	151	515	2160	152
30	166	335	561	1770	---	542	445	375	154	404	986	e145
31	165	---	591	1530	---	1090	---	261	---	279	501	---
TOTAL	5121	19270	29659	42326	66915	34054	32179	7902	17546	6960	16060	5664
MEAN	165	642	957	1365	2307	1099	1073	255	585	225	518	1889
MAX	220	2460	3410	3820	5400	2100	5310	535	3300	515	3140	371
MIN	137	249	340	380	808	542	383	160	151	137	140	142
CFSM	.18	.70	1.04	1.49	2.51	1.20	1.17	.28	.64	.24	.56	.21
IN.	.21	.78	1.20	1.72	2.71	1.38	1.30	.32	.71	.28	.65	.23

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1992, BY WATER YEAR (WY)

MEAN	259	606	1328	1951	2699	2815	2511	1298	531	584	360	286
MAX	1310	4011	7012	6475	9250	6415	6793	5644	2200	4494	1518	1654
(WY)	1978	1949	1962	1947	1990	1980	1979	1991	1983	1940	1946	1979
MIN	23.5	49.4	174	286	715	540	310	125	101	50.9	42.7	24.8
(WY)	1964	1964	1964	1956	1968	1955	1967	1963	1988	1952	1954	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1938 - 1992
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ANNUAL TOTAL	628488		283656				
ANNUAL MEAN	1722		775			1262	
HIGHEST ANNUAL MEAN						2633	1983
LOWEST ANNUAL MEAN						428	1963
HIGHEST DAILY MEAN	23600	May 1	5400	Feb 16	58500		Feb 23 1961
LOWEST DAILY MEAN	128	Sep 17	137	Oct 21b	18		Sep 25 1954
ANNUAL SEVEN-DAY MINIMUM	135	Sep 12	140	Jul 7	18		Sep 24 1954
INSTANTANEOUS PEAK FLOW			6890	Feb 15	61700		Feb 23 1961
INSTANTANEOUS PEAK STAGE			19.54	Feb 16	42.94		Feb 23 1961
INSTANTANEOUS LOW FLOW			137c	Oct 21, 22	18		Sep 25 1954
ANNUAL RUNOFF (CFSM)	1.88		.84			1.37	
ANNUAL RUNOFF (INCHES)	25.47		11.49			18.67	
10 PERCENT EXCEEDS	4470		1940		3180		
50 PERCENT EXCEEDS	731		421		469		
90 PERCENT EXCEEDS	178		154		91		

a Affected by unsteady flow.

b Also occurred on July 13.

c Minimum recorded. Could have been less during periods of missing record.

PASCAGOULA RIVER BASIN

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.42	5.64	6.04	---	8.60	10.10	7.90	6.11	5.12	4.76	5.24	5.93
2	5.32	6.24	11.78	---	8.03	9.37	7.15	---	5.01	4.80	4.91	5.64
3	5.24	6.04	14.69	---	7.69	8.18	6.77	5.85	5.07	4.83	4.75	5.47
4	5.20	5.62	12.03	---	7.46	7.62	6.54	5.75	5.63	4.83	---	5.41
5	5.19	5.58	9.23	---	9.17	7.73	6.41	5.64	5.30	4.74	---	5.31
6	5.16	6.48	7.79	---	14.90	8.55	6.31	5.55	5.11	---	6.26	5.21
7	---	6.55	---	---	13.45	8.48	6.72	5.42	4.96	4.64	6.86	5.11
8	---	6.56	---	6.25	10.72	7.84	6.63	5.36	4.93	4.64	6.08	5.04
9	---	6.53	---	7.59	9.29	7.50	6.49	5.30	5.61	4.63	5.32	4.96
10	5.05	6.53	---	7.62	8.70	8.37	6.33	5.24	5.72	4.64	5.03	4.92
11	5.05	6.52	---	6.92	8.38	8.75	6.21	5.20	7.18	4.64	4.89	4.90
12	5.01	6.52	---	6.85	8.17	9.71	6.13	5.18	8.75	4.65	5.79	4.81
13	4.98	6.51	---	---	9.35	8.82	6.07	5.20	8.75	4.64	7.07	4.73
14	4.96	---	---	---	13.36	7.88	5.98	5.17	8.75	4.78	7.04	4.68
15	4.96	---	---	---	15.97	7.55	5.88	5.09	8.75	5.18	5.53	4.65
16	4.97	---	---	8.07	19.11	7.32	5.87	5.02	8.12	5.63	5.12	4.63
17	4.98	6.86	---	7.68	17.27	7.14	5.76	4.95	6.65	5.07	4.92	4.66
18	4.97	6.81	---	8.34	16.52	7.51	5.67	4.98	6.09	4.98	4.79	4.86
19	4.95	6.92	7.20	13.31	13.63	8.75	9.11	5.03	5.74	4.90	4.70	4.94
20	4.93	10.34	6.85	12.79	11.51	8.75	13.32	5.06	5.49	4.80	---	4.90
21	4.91	12.44	---	10.93	10.85	8.53	17.94	4.91	5.31	5.12	---	4.77
22	4.93	9.34	---	9.94	10.49	8.00	17.22	4.85	5.16	4.93	4.74	4.75
23	---	7.69	---	14.80	10.44	8.53	11.76	4.79	5.04	4.83	4.65	4.67
24	---	7.13	---	14.53	9.92	8.68	8.56	4.76	4.94	5.77	4.70	4.80
25	---	---	---	11.38	10.47	7.78	7.87	5.38	4.87	6.34	4.69	4.80
26	---	---	---	9.87	12.37	7.30	7.47	4.93	4.82	5.99	4.79	4.73
27	5.24	---	6.27	9.55	12.36	7.04	6.89	4.91	4.77	5.36	---	4.71
28	5.18	6.68	6.80	10.31	10.94	6.79	6.55	5.32	4.73	5.71	---	4.73
29	5.16	6.09	7.04	10.95	10.50	6.61	6.35	6.56	4.70	6.51	11.34	4.70
30	5.12	6.01	6.80	10.05	---	6.60	6.24	5.93	4.72	6.06	7.95	---
31	5.11	---	6.86	9.43	---	8.22	---	5.39	---	5.48	6.45	---
MEAN	---	---	---	---	11.37	8.06	7.80	---	5.86	---	---	---
MAX	---	---	---	---	19.11	10.10	17.94	---	8.75	---	---	---
MIN	---	---	---	---	7.46	6.60	5.67	---	4.70	---	---	---

02477350 CHICKASAWHAY RIVER AT SHUBUTA, MS

LOCATION.--Lat 31°51'25", long 88°41'11", in NW4 sec.10, T.10 N., R.7 W., St. Stephens Meridian, Clarke County, Hydrologic Unit 03170002, at bridge on county road, 0.5 mi southeast of Shubuta and at mile 114.0.

DRAINAGE AREA.--1,458 mi².

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

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

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

REMARKS.--Records furnished by National Weather Service.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 21.60 ft, Feb. 18, minimum observed, 2.15 ft, July 12.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY OBSERVATION AT 06:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.20	2.62	3.90	5.18	9.90	9.70	5.65	4.90	3.70	2.80	4.60	5.20
2	3.00	3.40	3.90	4.63	8.20	9.10	6.70	4.73	5.30	2.70	3.80	4.40
3	2.88	4.10	10.74	4.50	7.70	8.40	6.00	4.63	4.00	2.70	3.30	4.00
4	2.79	4.11	14.03	4.40	7.10	7.30	5.60	4.41	3.60	2.70	2.90	3.90
5	2.69	3.50	12.60	4.40	8.40	6.00	5.50	4.29	3.70	3.20	2.70	4.00
6	2.60	3.28	9.90	4.33	14.00	8.20	5.15	4.20	3.50	2.70	2.70	3.90
7	2.58	3.70	7.60	4.30	15.90	9.30	5.10	4.00	3.70	2.50	3.90	3.50
8	2.50	4.10	6.40	4.26	14.90	8.70	5.10	3.90	3.10	2.40	4.90	3.30
9	2.43	4.12	5.63	11.20	12.20	7.40	6.20	3.75	3.30	2.30	4.50	3.20
10	2.39	4.10	5.90	9.70	9.50	6.80	5.60	3.58	3.30	2.30	3.60	3.10
11	2.37	4.08	7.90	7.90	8.20	11.90	5.20	3.57	4.40	2.17	3.10	3.00
12	2.38	4.08	7.70	6.70	7.70	12.30	5.00	3.55	7.90	2.15	3.00	2.95
13	2.37	4.08	7.10	8.60	7.50	10.70	4.90	3.45	8.40	2.17	3.20	2.90
14	2.37	4.06	8.90	10.74	8.90	8.70	4.95	3.40	11.00	2.20	4.60	2.70
15	2.37	4.06	9.90	10.20	13.60	7.60	4.65	3.38	12.40	2.20	5.80	2.70
16	2.30	4.06	10.20	9.70	19.70	6.60	4.40	3.30	11.40	2.60	3.90	2.60
17	2.30	4.18	8.50	7.20	19.70	6.20	4.30	3.28	7.70	3.50	3.30	2.50
18	2.28	4.40	---	6.40	21.60	6.10	4.27	3.22	5.30	3.31	2.90	2.60
19	2.28	5.70	5.90	12.40	20.00	12.70	5.10	3.11	4.50	3.80	2.70	2.70
20	2.28	6.80	5.60	15.40	17.60	18.10	17.00	3.18	3.90	3.50	2.60	3.00
21	2.28	9.70	5.13	13.90	13.70	14.60	18.80	3.29	3.60	3.90	2.50	2.90
22	2.26	12.32	4.80	11.90	10.82	11.70	18.30	3.20	3.30	3.30	2.40	2.90
23	2.24	9.10	4.70	19.40	10.20	9.70	17.50	3.00	3.20	3.40	2.60	2.80
24	4.00	6.65	4.70	20.31	10.30	9.10	13.60	2.90	3.00	4.30	2.60	2.70
25	3.30	5.52	4.73	16.70	9.60	8.70	8.20	2.90	2.80	5.40	2.50	2.60
26	3.30	5.40	4.70	13.20	10.30	7.60	7.30	3.10	2.80	5.30	2.50	2.70
27	3.10	5.04	4.40	11.10	11.90	6.80	6.50	3.30	2.70	4.70	3.00	2.70
28	2.90	4.82	5.40	13.50	12.20	6.50	5.90	3.20	2.66	3.90	14.60	2.70
29	2.80	4.70	6.00	14.00	10.50	6.00	5.40	3.40	2.60	3.40	15.80	2.70
30	2.71	4.54	5.90	12.60	---	5.80	5.20	4.60	2.70	4.50	11.90	2.70
31	2.68	---	5.40	11.40	---	5.70	---	4.50	---	5.50	7.50	---
MEAN	2.64	5.01	---	9.97	12.13	8.84	7.44	3.65	4.78	3.27	4.51	3.12
MAX	4.00	12.32	---	20.31	21.60	18.10	18.80	4.90	12.40	5.50	15.80	5.20
MIN	2.24	2.62	---	4.26	7.10	5.70	4.27	2.90	2.60	2.15	2.40	2.50

PASCAGOULA RIVER BASIN

02477500 CHICKASAWHAY RIVER NEAR WAYNESBORO, MS

LOCATION.--Lat 31°40'46", long 88°41'00", in NW4 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. 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. National Weather Service telemeter at station.

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 22.48 ft, Feb. 19, minimum observed, 2.53 ft, July 16.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY OBSERVATION AT 06:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.26	---	4.68	6.50	12.00	11.01	6.55	5.76	5.00	3.83	5.69	7.08
2	3.84	---	4.62	6.14	10.44	10.35	7.86	5.60	4.35	3.72	5.25	5.41
3	3.63	---	4.68	5.92	9.28	9.80	7.26	5.38	5.44	3.58	4.41	4.67
4	3.53	---	12.76	5.80	8.48	8.92	6.64	5.22	4.64	3.42	3.83	4.31
5	3.42	---	14.30	5.71	8.17	7.98	6.24	5.05	4.12	3.42	3.47	4.59
6	3.33	---	12.21	5.63	14.03	8.20	6.12	4.88	4.08	3.74	3.34	4.33
7	---	---	9.83	5.56	16.05	10.16	5.84	4.68	4.00	3.46	3.24	4.08
8	---	4.24	7.68	5.52	16.56	10.34	5.94	4.50	3.78	3.31	3.56	3.90
9	---	4.44	6.59	8.92	14.90	9.38	7.34	4.34	3.89	3.14	4.88	3.61
10	---	4.58	6.27	12.76	12.14	8.12	6.81	4.22	4.27	2.95	5.02	3.44
11	---	4.63	6.83	10.32	9.73	8.58	6.24	4.12	4.33	2.81	4.35	3.30
12	---	4.64	9.39	8.33	8.88	13.52	5.92	4.03	8.56	2.66	3.80	3.22
13	---	4.65	9.08	7.96	8.46	12.40	5.72	4.02	9.56	2.58	3.52	3.10
14	---	4.64	7.73	10.88	8.99	11.12	5.72	3.92	10.38	2.55	3.59	3.04
15	---	4.64	11.00	11.56	11.56	8.96	5.60	3.84	12.20	2.55	4.64	2.92
16	---	4.64	10.94	10.34	20.30	7.76	5.40	3.73	13.10	2.53	6.12	2.88
17	---	4.64	10.68	8.94	21.42	7.31	5.21	3.67	11.98	2.68	4.56	2.80
18	---	4.66	8.83	7.66	22.27	7.00	5.05	3.60	8.15	3.62	3.64	2.98
19	---	4.84	7.31	10.20	22.48	7.29	4.95	3.68	6.02	3.79	3.28	3.04
20	---	6.03	6.50	15.27	20.64	16.46	14.24	3.56	5.03	4.15	3.07	3.23
21	---	10.38	6.26	16.14	17.52	18.26	18.90	3.53	4.52	3.83	2.95	3.52
22	---	12.86	5.95	14.16	13.58	14.16	20.28	3.55	4.14	4.04	2.87	3.30
23	---	12.29	5.64	13.12	11.59	11.92	18.92	3.52	3.87	3.90	2.84	3.30
24	---	9.11	5.46	21.10	11.38	10.43	17.64	3.34	3.64	3.84	2.82	3.15
25	---	7.06	5.43	21.56	11.10	9.90	11.60	3.26	3.50	4.38	2.84	3.01
26	---	6.19	5.43	19.56	11.04	9.20	8.52	3.26	3.42	6.12	2.84	2.92
27	---	5.96	5.37	13.19	11.82	8.14	7.66	3.52	3.32	5.98	2.84	3.02
28	---	5.66	5.31	14.12	13.06	7.36	7.03	3.96	3.23	5.26	5.68	3.02
29	---	5.50	6.88	16.67	12.58	7.04	6.40	3.92	3.12	4.46	16.02	3.03
30	3.90	5.24	7.24	15.02	---	6.94	6.00	4.19	3.11	3.95	15.38	3.04
31	3.78	---	6.94	13.62	---	6.59	---	5.22	---	4.67	10.50	---
MEAN	---	---	7.67	11.23	13.46	9.83	8.45	4.16	5.62	3.71	4.87	3.57
MAX	---	---	14.30	21.56	22.48	18.26	20.28	5.76	13.10	6.12	16.02	7.08
MIN	---	---	4.62	5.52	8.17	6.59	4.95	3.26	3.11	2.53	2.82	2.80

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. Satellite telemeter at station.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 28	1830	*4,220	*19.27	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104	94	271	534	1400	1060	638	305	158	137	260	758
2	90	89	275	435	1150	934	613	279	116	133	200	318
3	79	89	332	382	939	853	581	259	102	105	144	214
4	72	204	667	349	807	800	551	234	103	100	115	187
5	68	193	975	333	1580	801	529	213	83	89	101	204
6	63	137	1100	323	2530	1020	505	194	98	91	84	183
7	58	116	899	294	2190	1170	495	176	131	120	79	222
8	56	103	532	565	1910	1100	533	162	109	102	81	160
9	55	97	433	2630	1720	909	762	149	113	82	150	128
10	53	94	490	2200	1440	1100	739	138	99	71	143	111
11	52	94	588	1360	955	1100	608	130	342	62	161	101
12	51	97	681	906	792	1090	562	126	528	56	116	92
13	49	95	581	1570	759	1070	510	121	562	51	139	83
14	46	94	1440	1380	932	868	480	113	396	48	112	78
15	45	93	1550	1250	2280	760	448	105	527	46	185	73
16	42	92	1190	968	3780	696	419	102	678	51	399	71
17	40	92	985	688	3610	662	396	102	471	50	301	95
18	39	153	686	887	3660	654	379	111	278	114	171	107
19	38	527	534	2870	3170	1370	423	93	197	189	124	84
20	39	1340	449	2340	2860	1880	790	86	151	141	103	87
21	37	2810	385	1790	2710	1990	1970	85	122	170	95	186
22	41	2230	351	1600	2260	2140	1930	83	104	141	79	178
23	63	1620	335	3120	1540	2470	1900	77	91	114	70	139
24	66	1350	335	3270	1430	2330	2010	71	82	98	60	126
25	129	978	341	2900	1450	1490	2030	68	74	105	78	106
26	269	577	326	2670	2170	1140	1210	70	68	279	73	93
27	243	438	304	2580	1960	937	652	90	62	243	139	85
28	183	369	641	4030	1500	831	490	78	58	186	173	79
29	139	315	812	3570	1260	756	393	90	87	143	656	75
30	113	287	817	2550	---	704	341	91	220	152	953	72
31	101	---	738	1830	---	665	---	186	---	229	1160	---
TOTAL	2523	14867	20043	52174	54744	35350	23887	4187	6210	3698	6704	4495
MEAN	81.4	496	647	1683	1888	1140	796	135	207	119	216	1450
MAX	269	2810	1550	4030	3780	2470	2030	305	678	279	1160	758
MIN	37	89	271	294	759	654	341	68	58	46	60	71
CFSM	.17	1.01	1.31	3.42	3.84	2.32	1.62	.27	.42	.24	.44	.30
IN.	.19	1.12	1.52	3.94	4.14	2.67	1.81	.32	.47	.28	.51	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1992, BY WATER YEAR (WY)

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	189	449	829	1463	1552	1644	1579	812	401	295	177	235									
MAX	945	1852	1901	3239	4046	3445	4431	3155	1465	1717	660	1315									
(WY)	1976	1980	1987	1990	1990	1983	1980	1991	1991	1989	1975	1979									
MIN	16.8	23.7	118	172	534	475	164	89.2	26.9	62.7	27.3	15.1									
(WY)	1979	1979	1988	1981	1989	1986	1986	1988	1988	1988	1981	1972									

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1972 - 1992
ANNUAL TOTAL	353024	228882	
ANNUAL MEAN	967	625	803
HIGHEST ANNUAL MEAN			1388
LOWEST ANNUAL MEAN			287
HIGHEST DAILY MEAN	5780 May 6	4030 Jan 28	11700 Mar 7 1979
LOWEST DAILY MEAN	37 Oct 21	37 Oct 21	8.4 Sep 21 1972
ANNUAL SEVEN-DAY MINIMUM	39 Oct 16	39 Oct 16	9.9 Sep 15 1972
INSTANTANEOUS PEAK FLOW		4220 Jan 28	12200 Mar 6 1979
INSTANTANEOUS PEAK STAGE		19.27 Jan 28	34.90 Mar 6 1979
INSTANTANEOUS LOW FLOW		37 Oct 21	7.8 Sep 21, 22 1972
ANNUAL RUNOFF (CFSM)	1.97	1.27	1.63
ANNUAL RUNOFF (INCHES)	26.69	17.31	22.17
10 PERCENT EXCEEDS	3120	1890	2190
50 PERCENT EXCEEDS	461	264	338
90 PERCENT EXCEEDS	74	71	45

PASCAGOULA RIVER BASIN

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

LOCATION.--Lat 31°08'54", long 88°33'52", in SW4 sec.12, T.2 N., R.6 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on left bank at downstream side of bridge on State Highway 63, 0.5 mi southeast of Leaksville, 1.8 mi upstream from Faulk Ditch, and 29.1 mi upstream from confluence with Leaf River.

DRAINAGE AREA.--2,690 mi².

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

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

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

REMARKS.--Estimated daily discharges: June 18 to July 27. Records good except for estimated daily discharge, which are poor. National Weather Service telemeter at station.

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)
Jan. 25	2300	15,300	22.58	Feb. 19	0100	*19,300	*24.74
Jan. 29	2400	15,800	22.86				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1220	718	1720	2800	9890	6350	2670	2160	1230	e1240	1100	4310
2	977	678	1590	2390	7350	5290	2610	1980	1240	e1030	1310	3020
3	847	652	1710	2090	5830	4660	2840	1850	1130	e930	1170	1970
4	768	724	2830	1910	4910	4150	2570	1680	1310	e850	989	1500
5	717	861	5180	1810	5400	3670	2350	1570	1180	e805	900	1300
6	675	932	5670	1730	7360	4080	2190	1470	1020	e773	932	1250
7	642	853	4930	1660	9730	5050	2100	1380	958	e738	886	1310
8	615	765	3990	1800	10400	5280	2050	1280	941	e720	694	1300
9	596	816	2900	5120	9920	4790	2150	1220	934	e700	846	1160
10	583	887	2390	9220	8300	4420	2530	1170	983	e650	1090	1020
11	569	895	2410	8140	6420	5070	2460	1130	1050	e600	1120	912
12	560	889	2880	5490	4900	5510	2330	1090	1440	e580	1100	833
13	553	888	3490	6920	4390	6460	2260	1070	3180	e560	1100	782
14	545	888	3290	8980	5330	5680	2030	1040	4630	e550	1050	764
15	538	888	4380	7270	6640	4550	1890	1010	5140	e550	1040	741
16	525	884	5470	5930	11800	3410	1740	974	5280	e580	1320	725
17	515	894	4950	4750	16400	2910	1620	944	5340	e650	1380	695
18	507	998	4320	3960	19000	2690	1520	921	e4420	e730	1130	690
19	502	2800	3300	8680	19200	4520	1500	902	e3430	e1100	886	760
20	500	4740	2610	12400	18500	6930	3360	902	e2750	e1250	750	867
21	498	6540	2250	11900	16700	9560	12300	850	e2260	e1000	677	811
22	496	8760	2050	9990	13500	9950	13900	821	e1880	e1000	652	875
23	618	8650	1890	9890	10200	8850	13200	812	e1570	e1100	625	922
24	1750	6350	1800	13100	8250	7890	11700	796	e1340	e1050	677	874
25	1110	4460	1740	15000	7160	6700	10000	773	e1180	e1100	656	795
26	1040	3390	1710	14800	6700	5490	7420	753	e1040	e1200	587	742
27	1020	2620	1700	12100	7010	4430	4930	801	e940	e1550	580	708
28	1010	2230	2330	12200	7520	3700	3490	983	e836	1660	773	698
29	926	2000	4570	15200	7270	3270	2850	1150	e791	1290	3000	685
30	834	1860	4010	15500	---	3020	2420	1110	e1260	1030	5790	666
31	767	---	3230	13300	---	2840	---	1100	---	894	5740	---
TOTAL	23023	69510	97290	246030	275980	161170	126980	35692	60683	28460	40550	33685
MEAN	743	2317	3138	7936	9517	5199	4233	1151	2023	918	1308	1123
MAX	1750	8760	5670	15500	19200	9950	13900	2160	5340	1660	5790	4310
MIN	496	652	1590	1660	4390	2690	1500	753	791	550	580	666
CFSM	.28	.86	1.17	2.95	3.54	1.93	1.57	.43	.75	.34	.49	.42
IN.	.32	.96	1.35	3.40	3.82	2.23	1.76	.49	.84	.39	.56	.47

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1992, BY WATER YEAR (WY)

	994	1769	3946	5723	7392	8484	7962	4456	2036	1950	1387	1260
MEAN	994	1769	3946	5723	7392	8484	7962	4456	2036	1950	1387	1260
MAX	4144	8146	18990	16150	23450	19890	26650	18310	6774	14390	6439	6115
(WY)	1976	1949	1962	1974	1990	1961	1980	1991	1991	1940	1946	1979
MIN	181	240	515	762	1536	1783	1165	556	516	472	337	235
(WY)	1964	1964	1955	1956	1957	1955	1963	1963	1988	1952	1954	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1938 - 1992
ANNUAL TOTAL	1964401	1199053	
ANNUAL MEAN	5382	3276	3928
HIGHEST ANNUAL MEAN			7710
LOWEST ANNUAL MEAN			1397
HIGHEST DAILY MEAN	30700	May 8	72600
LOWEST DAILY MEAN	496	Oct 22	162
ANNUAL SEVEN-DAY MINIMUM	506	Oct 16	166
INSTANTANEOUS PEAK FLOW		19300	73600
INSTANTANEOUS PEAK STAGE		24.74	33.52
INSTANTANEOUS LOW FLOW		495	160
ANNUAL RUNOFF (CFSM)	2.00	1.22	1.46
ANNUAL RUNOFF (INCHES)	27.17	16.58	19.84
10 PERCENT EXCEEDS	16200	8660	10600
50 PERCENT EXCEEDS	3000	1600	1850
90 PERCENT EXCEEDS	777	683	478

02479000 PASCAGOULA RIVER AT MERRILL, MS

LOCATION.--Lat 30°58'40", long 88°43'35", in SW4 sec.18, T.1 S., R.7 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, near right bank on downstream side of bridge on highway between Merrill and Avent, 0.5 mi downstream from confluence of Leaf and Chickasawhay Rivers, 0.5 mi west of Merrill, and at mile 80.8.

DRAINAGE AREA.--6,590 mi².

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

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

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

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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4540	2440	3800	5900	40600	13800	7070	5610	3840	4420	2630	14000
2	3670	2330	3640	5300	31700	12000	6730	5190	3720	4180	3110	9740
3	3200	2330	3800	4780	21900	10600	6650	4880	3560	3540	3420	6520
4	2930	2610	6720	4380	15800	9710	6450	4640	3660	3050	3200	4650
5	2750	3000	11400	4090	16500	9170	6060	4410	3610	2670	2820	3960
6	2590	2880	13800	3910	20300	12300	5800	4200	3370	2480	2540	3570
7	2460	2720	13600	3770	22900	17200	5700	4020	3190	2350	2580	3430
8	2350	2510	11000	4020	24400	18400	5600	3830	3230	2270	2410	3450
9	2260	2370	7760	11100	23700	16400	5590	3700	3210	2210	2310	3390
10	2210	2400	6180	17800	21200	14700	6210	3600	3340	2090	2530	2980
11	2170	2450	5510	18900	17200	16000	6520	3500	3360	2080	2860	2720
12	2140	2440	5400	15400	13200	16400	6100	3420	3470	1940	2780	2510
13	2090	2430	6380	18400	10800	16600	5790	3340	4620	1870	2710	2330
14	2070	2420	6920	24000	12800	15900	5480	3280	6900	1840	3120	2210
15	2030	2410	7690	23200	17400	13800	5100	3280	8010	1860	3260	2160
16	1990	2410	11000	18600	26300	11200	4830	3180	8500	1860	3040	2080
17	1970	2410	11300	14600	36900	9220	4580	3080	8830	2050	3140	2070
18	1940	2440	10300	11700	48300	8240	4390	3110	8200	2980	2950	2080
19	1920	3280	8440	19300	55200	12200	4650	3090	6480	3280	2590	2240
20	1900	6080	6600	29100	56500	19400	8240	2990	4980	2890	2420	2470
21	1880	10000	5510	32900	54100	22400	27400	2900	4030	2860	2300	2600
22	1870	12300	4910	33000	48100	24000	32600	2840	3370	3170	2500	2490
23	1880	13600	4560	32000	40200	23200	31000	2770	2970	3030	2310	2490
24	2330	12700	4340	34300	30200	20900	26800	2730	2700	3270	2200	2510
25	3260	9770	4230	38400	20900	18400	22300	2710	2510	3480	2340	2360
26	2780	7320	4290	41700	16300	15500	18000	2780	2450	4290	2230	2330
27	2810	5790	4220	41300	14900	12500	13500	2880	2480	4450	2540	2250
28	2880	4870	5340	38900	14800	10300	9490	3310	2340	4440	4200	2180
29	2800	4320	8170	39600	14900	8960	7280	4090	2210	3890	10200	2110
30	2680	4000	7980	42900	---	8090	6230	4090	2740	3240	15200	2040
31	2540	---	6750	44400	---	7510	---	3870	---	2760	16100	---
TOTAL	76890	139030	221540	677650	788000	445000	312140	111320	125880	90790	118540	101920
MEAN	2480	4634	7146	21860	27170	14350	10400	3591	4196	2929	3824	3397
MAX	4540	13600	13800	44400	56500	24000	32600	5610	8830	4450	16100	14000
MIN	1870	2330	3640	3770	10800	7510	4390	2710	2210	1840	2200	2040
CFSM	.38	.70	1.08	3.32	4.12	2.18	1.58	.54	.64	.44	.58	.52
IN.	.43	.78	1.25	3.83	4.45	2.51	1.76	.63	.71	.51	.67	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1992, BY WATER YEAR (WY)

	MEAN	3056	5003	10270	15090	18790	20260	19380	11260	5316	5285	4179	3775
MAX	12410	21640	45210	40160	58660	47600	70770	49960	18570	34250	11500	15110	
(WY)	1976	1949	1962	1974	1990	1961	1980	1991	1991	1940	1975	1979	
MIN	763	914	1598	2328	4180	4671	3049	1679	1478	1562	1177	885	
(WY)	1964	1964	1955	1956	1957	1955	1963	1963	1988	1968	1954	1954	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1931 - 1992

ANNUAL TOTAL	5311800		3208700		10090	
ANNUAL MEAN	14550		8767		19410	
HIGHEST ANNUAL MEAN					3718	1963
LOWEST ANNUAL MEAN					176000	Feb 27 1961
HIGHEST DAILY MEAN	80700	May 7	56500	Feb 20	704	Oct 21 1936
LOWEST DAILY MEAN	1870	Oct 22	1840	Jul 14	708	Oct 20 1963
ANNUAL SEVEN-DAY MINIMUM	1910	Oct 17	1910	Oct 17	178000	Feb 27 1961
INSTANTANEOUS PEAK FLOW			56800	Feb 20	30.66	Feb 27 1961
INSTANTANEOUS PEAK STAGE			22.69	Feb 20	696	Nov 3 1936
INSTANTANEOUS LOW FLOW			1820	Jul 14, 15		
ANNUAL RUNOFF (CFSM)	2.21		1.33		1.53	
ANNUAL RUNOFF (INCHES)	29.98		18.11		20.81	
10 PERCENT EXCEEDS	39900		22000		25000	
50 PERCENT EXCEEDS	7890		4130		5140	
90 PERCENT EXCEEDS	2490		2260		1600	

PASCAGOULA RIVER BASIN

02479000 PASCAGOULA RIVER AT MERRILL, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.02	4.15	5.41	7.04	20.42	11.74	7.85	6.83	5.23	5.92	4.34	11.80
2	5.30	4.04	5.27	6.61	18.45	10.79	7.62	6.51	5.10	5.73	4.79	9.49
3	4.88	4.03	5.41	6.21	15.34	10.03	7.57	6.26	4.94	5.18	5.08	7.47
4	4.62	4.32	7.58	5.89	12.73	9.49	7.43	6.06	5.03	4.74	4.88	6.10
5	4.46	4.69	10.47	5.65	13.06	9.18	7.15	5.87	4.99	4.38	4.52	5.54
6	4.29	4.58	11.73	5.50	14.79	10.90	6.97	5.69	4.77	4.18	4.24	5.21
7	4.17	4.43	11.61	5.39	15.78	13.37	6.90	5.52	4.61	4.05	4.29	5.09
8	4.06	4.22	10.23	5.59	16.32	13.96	6.83	5.37	4.64	3.97	4.11	5.10
9	3.96	4.08	8.29	10.21	16.05	13.02	6.82	5.24	4.63	3.91	4.02	5.05
10	3.90	4.11	7.24	13.66	15.15	12.17	7.26	5.14	4.74	3.78	4.23	4.68
11	3.86	4.15	6.76	14.15	13.40	12.83	7.48	5.04	4.77	3.77	4.56	4.43
12	3.83	4.14	6.68	12.51	11.41	13.01	7.18	4.96	4.87	3.62	4.48	4.22
13	3.78	4.14	7.38	13.89	10.14	13.08	6.97	4.88	5.93	3.54	4.41	4.04
14	3.75	4.13	7.75	16.16	11.22	12.79	6.73	4.82	7.73	3.49	4.80	3.91
15	3.72	4.12	8.25	15.87	13.47	11.74	6.45	4.81	8.46	3.52	4.94	3.85
16	3.67	4.12	10.20	14.03	16.89	10.32	6.24	4.72	8.77	3.52	4.73	3.77
17	3.64	4.11	10.42	12.14	19.63	9.20	6.05	4.62	8.97	3.74	4.82	3.75
18	3.61	4.15	9.84	10.62	21.71	8.61	5.90	4.64	8.58	4.67	4.64	3.77
19	3.59	4.94	8.72	14.21	22.53	10.80	6.10	4.61	7.45	4.95	4.30	3.94
20	3.57	7.13	7.53	17.75	22.66	14.40	8.40	4.52	6.36	4.59	4.13	4.17
21	3.55	9.66	6.76	18.80	22.42	15.59	17.17	4.43	5.60	4.56	4.00	4.30
22	3.54	10.97	6.30	18.84	21.71	16.17	18.72	4.36	5.04	4.85	4.21	4.19
23	3.54	11.60	6.04	18.57	20.35	15.90	18.27	4.28	4.66	4.72	4.02	4.19
24	4.02	11.16	5.86	19.15	18.03	15.03	17.09	4.25	4.40	4.94	3.89	4.22
25	4.94	9.52	5.77	19.99	14.98	13.92	15.54	4.22	4.22	5.13	4.04	4.07
26	4.49	8.01	5.82	20.64	12.96	12.59	13.74	4.28	4.15	5.82	3.93	4.03
27	4.51	6.96	5.76	20.57	12.28	11.02	11.55	4.37	4.19	5.94	4.24	3.95
28	4.58	6.27	6.61	20.08	12.24	9.86	9.35	4.76	4.05	5.93	5.69	3.88
29	4.50	5.84	8.56	20.22	12.28	9.05	7.98	5.48	3.90	5.48	9.76	3.80
30	4.39	5.58	8.44	20.88	---	8.51	7.27	5.48	4.43	4.91	12.44	3.72
31	4.25	---	7.63	21.14	---	8.14	---	5.26	---	4.46	12.85	---
MEAN	4.16	5.78	7.75	13.93	16.15	11.85	9.22	5.07	5.51	4.58	5.14	4.86
MAX	6.02	11.60	11.73	21.14	22.66	16.17	18.72	6.83	8.97	5.94	12.85	11.80
MIN	3.54	4.03	5.27	5.39	10.14	8.14	5.90	4.22	3.90	3.49	3.89	3.72
CAL YR 1991	MEAN	10.13	MAX	24.69	MIN	3.54						
WTR YR 1992	MEAN	7.80	MAX	22.66	MIN	3.49						

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

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

DRAINAGE AREA.--6,680 mi².

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

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1975 to September 1981.

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

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, KF AGAR (COLS.) (31673)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	
OCT 29...	1300	2650	117	7.1	23.0	10	7.4	86	220	K18	4.6	1.3	
DEC 10...	1300	6220	78	7.0	14.0	31	10.5	102	190	230	5.0	1.1	
FEB 21...	1100	55100	38	6.5	15.5	28	7.5	75	140	160	3.4	0.76	
JUN 09...	1200	2970	105	7.1	27.5	59	7.1	90	70	110	4.7	1.2	
JUL 29...	1515	3840	65	7.1	29.5	1.7	5.9	78	K44	100	3.7	1.0	
DATE		SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE, WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY, WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
OCT 29...	16	2.0	25	20	12	12	0.20	9.0	77	71	0.010	0.010	
DEC 10...	8.0	2.5	13	11	11	7.7	0.20	8.6	53	52	0.020	0.020	
FEB 21...	3.2	1.2	8	6	4.3	4.0	<0.10	6.1	33	28	0.020	<0.010	
JUN 09...	15	1.5	13	11	17	13	<0.10	8.6	83	69	<0.010	<0.010	
JUL 29...	6.2	1.8	11	9	4.3	6.8	<0.10	8.5	57	40	0.020	<0.010	
DATE		NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS-PHORUS ORTHO DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
OCT 29...	0.370	0.340	0.070	0.090	0.30	0.070	0.040	0.030	<0.010	--	--	--	
DEC 10...	0.190	0.200	0.080	0.090	0.60	0.120	0.040	0.030	0.030	80	48	<3	
FEB 21...	0.054	0.120	0.040	0.060	0.80	0.070	0.010	0.040	0.030	240	23	<3	
JUN 09...	0.260	0.280	0.050	0.050	<0.20	0.070	0.030	0.020	0.010	50	25	<3	
JUL 29...	0.330	0.340	0.040	0.030	1.2	0.040	0.040	0.050	0.030	60	23	<3	

PASCAGOULA RIVER BASIN

02479020 PASCAGOULA RIVER NEAR BENNDALE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	SEDI- MENT, DIS- SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. FINER THAN .062 MM (70331)
OCT 29...	--	--	--	--	--	--	--	--	--	3	21	89
DEC 10...	150	<4	12	<10	3	<1	<1.0	40	<6	8	134	82
FEB 21...	300	8	34	<10	<1	<1	<1.0	27	<6	23	3420	20
JUN 09...	500	<4	43	<10	<1	<1	<1.0	48	<6	1	8.0	100
JUL 29...	380	28	25	<10	<1	<1	<1.0	39	<6	43	446	98

02479130 BLACK CREEK NEAR BROOKLYN, MS

LOCATION.--Lat 31°03'06", long 89°12'16", in NW¼ 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.--Estimated daily discharges: Apr. 3-5, 10-14. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Oct. 24	2100	4,580	14.77	Jan. 28	1030	3,790	13.32
Jan. 19	0800	4,480	14.59	Feb. 17	1030	*5,320	*16.05
Jan. 23	1100	4,090	13.87				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	217	452	439	345	1390	648	452	256	221	769	136	290
2	204	429	421	332	1100	607	419	247	204	412	143	190
3	195	398	546	330	922	573	e396	244	223	267	144	167
4	191	368	665	331	867	536	e382	244	235	213	137	166
5	188	336	591	320	2190	1120	e368	248	212	179	128	154
6	182	319	459	313	2140	2530	388	240	195	161	115	176
7	175	312	378	297	1700	1850	462	231	207	147	109	188
8	171	307	356	894	1340	1460	436	230	371	136	108	210
9	170	302	348	2550	1070	1110	401	227	724	129	118	222
10	168	312	470	1590	857	1780	e380	229	404	124	162	187
11	167	331	547	1170	743	1260	e365	210	282	118	241	166
12	166	328	460	1160	695	846	e350	210	242	114	155	149
13	164	324	407	2430	731	783	e335	208	218	111	132	138
14	164	322	715	1700	850	712	e320	206	250	123	158	129
15	164	316	842	1170	2310	618	301	201	235	140	160	127
16	165	309	702	973	4220	573	287	195	250	149	140	124
17	163	308	589	755	4690	545	273	185	240	155	119	128
18	162	314	442	1070	4450	546	272	179	212	168	109	156
19	163	323	387	4180	2690	2410	756	175	185	153	110	178
20	162	797	362	3010	1860	1890	1480	171	173	150	283	164
21	162	1760	353	2120	1380	1410	1760	167	166	214	232	202
22	163	1370	354	1620	1110	1370	1060	168	159	198	264	185
23	205	970	388	3780	1340	1490	991	167	154	224	175	173
24	3490	720	469	3280	1120	1060	662	176	144	257	218	187
25	2430	517	409	2520	986	844	412	194	140	347	217	183
26	835	431	384	1820	921	718	342	216	136	290	221	174
27	544	387	374	1580	875	606	304	266	137	227	625	192
28	476	357	644	3610	804	535	276	339	138	200	816	175
29	762	344	564	2980	715	491	263	424	136	266	1120	158
30	624	346	435	2520	---	505	259	328	592	190	890	137
31	519	---	374	1860	---	490	---	260	---	154	553	---
TOTAL	13711	14409	14874	52610	46066	31916	15152	7041	7185	6485	8238	5175
MEAN	442	480	480	1697	1588	1030	505	227	239	209	266	172
MAX	3490	1760	842	4180	4690	2530	1760	424	724	769	1120	290
MIN	162	302	348	297	695	490	259	167	136	111	108	124
CFSM	1.25	1.35	1.35	4.78	4.47	2.90	1.42	.64	.67	.59	.75	.49
IN.	1.44	1.51	1.56	5.51	4.83	3.34	1.59	.74	.75	.68	.86	.54

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1992, BY WATER YEAR (WY)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	341	477	823	1071	1161	1090	1113	757	434	371	339	329										
MAX	1142	944	2141	2133	2304	2025	3968	2355	1354	1056	866	896										
(WY)	1986	1987	1972	1990	1990	1980	1983	1991	1990	1979	1987	1974										
MIN	88.8	140	351	248	441	439	235	168	112	130	133	113										
(WY)	1983	1982	1981	1981	1989	1982	1986	1988	1985	1985	1986	1972										

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1971 - 1992

ANNUAL TOTAL	324194		222862									
ANNUAL MEAN	888		609									
HIGHEST ANNUAL MEAN												
LOWEST ANNUAL MEAN												
HIGHEST DAILY MEAN	6480	Mar 2	4690	Feb 17								
LOWEST DAILY MEAN	162	Oct 18	108	Aug 8								
LOWEST DAILY MEAN	163	Oct 16	122	Jul 8								
ANNUAL SEVEN-DAY MINIMUM			5320	Feb 17								
INSTANTANEOUS PEAK FLOW			16.05	Feb 17								
INSTANTANEOUS PEAK STAGE			1.72									
ANNUAL RUNOFF (CFSM)	2.50		23.35									
ANNUAL RUNOFF (INCHES)	33.97											
10 PERCENT EXCEEDS	2130		1480									
50 PERCENT EXCEEDS	520		322									
90 PERCENT EXCEEDS	205		149									

a From floodmark.

PASCAGOULA RIVER BASIN

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

LOCATION.--Lat 31°01'30", long 89°01'00", in NW4NE4 sec.29, T.1 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, on right bank, 75 ft downstream from 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. WDR MS-85-1: 1959 (M), 1979 (M).

GAGE.--Water-stage recorder. Elevation of gage is 110 ft, from topographic map.

REMARKS.--Estimated discharges. Oct. 30 - Nov. 10, June 19-21. Records good except for estimated daily discharges which are poor. Satellite telemeter at station.

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)
Jan. 19	1000	1,590	15.52	Apr. 20	2330	*5,080	*23.86

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	e24	37	55	130	66	47	39	18	133	19	19
2	18	e24	36	48	106	60	44	35	18	35	18	17
3	17	e23	103	45	95	57	41	32	40	20	18	15
4	17	e23	81	41	139	57	40	30	40	16	52	14
5	18	e22	45	37	705	138	39	28	23	14	38	14
6	17	e22	36	35	341	338	45	25	18	12	24	13
7	16	e22	32	34	176	164	56	24	26	11	20	35
8	16	e21	30	208	129	105	47	23	51	11	19	40
9	16	e21	31	622	107	85	41	23	41	10	25	22
10	16	e21	91	185	95	411	38	22	27	10	23	15
11	16	21	67	101	87	308	37	21	20	9.9	44	13
12	15	20	42	261	82	132	39	21	18	9.6	32	11
13	15	20	37	967	91	105	37	23	17	9.6	25	17
14	15	20	72	351	115	88	32	21	27	9.8	25	22
15	15	20	75	159	438	78	30	19	22	11	23	14
16	15	20	43	115	403	69	29	18	20	12	20	11
17	15	20	34	95	681	63	28	17	17	32	18	11
18	15	20	31	307	468	71	29	17	15	42	17	18
19	15	21	29	1280	195	255	65	18	e13	94	67	27
20	15	502	27	319	135	135	2020	17	e12	37	43	18
21	15	425	26	171	114	76	2250	16	e11	44	29	14
22	16	178	26	183	116	123	242	15	11	129	37	23
23	28	81	36	869	236	235	124	15	11	238	49	46
24	86	52	48	318	152	124	89	15	11	218	95	23
25	41	41	36	163	125	87	83	16	11	130	63	18
26	29	36	30	128	106	73	68	18	12	52	289	16
27	25	33	50	201	88	63	55	21	64	33	588	17
28	23	32	422	598	78	56	49	36	32	27	295	16
29	27	31	237	292	71	53	45	37	17	42	86	13
30	e26	34	99	257	---	59	43	26	112	27	36	12
31	e25	---	67	183	---	52	---	20	---	21	24	---
TOTAL	661	1850	2056	8628	5804	3786	5832	708	775	1499.9	2161	564
MEAN	21.3	61.7	66.3	278	200	122	194	22.8	25.8	48.4	69.7	18.8
MAX	86	502	422	1280	705	411	2250	39	112	238	588	46
MIN	15	20	26	34	71	52	28	15	11	9.6	17	11
CFSM	.41	1.17	1.26	5.29	3.80	2.32	3.70	.43	.49	.92	1.33	.36
IN.	.47	1.31	1.45	6.10	4.10	2.68	4.12	.50	.55	1.06	1.53	.40

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1992, BY WATER YEAR (WY)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	41.2	64.0	119	157	178	179	174	110	49.2	45.5	46.3	52.8														
MAX	287	236	265	314	417	383	637	558	296	137	131	229														
(WY)	1986	1980	1972	1974	1990	1980	1983	1991	1989	1991	1975	1979														
MIN	5.86	8.58	25.8	24.5	42.8	42.3	30.2	15.2	8.78	7.59	7.20	7.23														
(WY)	1969	1982	1991	1981	1989	1982	1986	1985	1968	1968	1981	1972														

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1967 - 1992
ANNUAL TOTAL	57071	34324.9	101
ANNUAL MEAN	156	93.8	175
HIGHEST ANNUAL MEAN			49.3
LOWEST ANNUAL MEAN			1980
HIGHEST DAILY MEAN	2300	May 11	2250
LOWEST DAILY MEAN	15	Oct 12	9.6
ANNUAL SEVEN-DAY MINIMUM	15	Oct 12	10
INSTANTANEOUS PEAK FLOW			10
INSTANTANEOUS PEAK STAGE			23.86
INSTANTANEOUS LOW FLOW			15
ANNUAL RUNOFF (CFSM)	2.97	1.78	1.92
ANNUAL RUNOFF (INCHES)	40.36	24.28	26.09
10 PERCENT EXCEEDS	380	211	207
50 PERCENT EXCEEDS	55	35	38
90 PERCENT EXCEEDS	19	15	11

PASCAGOULA RIVER BASIN

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02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

WATER-QUALITY RECORDS

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	
OCT 15...	1100	15	26	6.1	19.0	1.9	9.1	99	K20	K20	0.50	0.35	
JAN 15...	1230	155	20	6.0	9.0	7.4	11.4	98	84	88	1.0	0.54	
APR 27...	1300	55	23	6.3	17.0	5.0	8.8	91	K92	73	0.69	0.36	
JUL 29...	1330	44	23	5.9	25.0	3.0	7.9	96	240	170	0.74	0.40	
DATE		SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)
OCT 15...	2.1	0.40	3	3	0.50	3.4	<0.10	9.7	25	19	<0.010	<0.010	
JAN 15...	1.9	0.50	2	2	2.4	2.6	0.20	8.2	--	19	0.010	<0.010	
APR 27...	1.9	0.40	3	3	1.3	3.2	0.10	8.5	21	19	<0.010	<0.010	
JUL 29...	2.0	0.50	1	1	1.4	3.2	<0.10	11	38	20	<0.010	<0.010	
DATE		NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHOR- THO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHOR- THO DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
OCT 15...	0.130	0.110	<0.010	0.030	<0.20	<0.010	<0.010	<0.010	<0.010	<0.010	30	27	<3
JAN 15...	<0.050	<0.050	0.040	0.050	0.40	<0.010	0.030	<0.010	<0.010	<0.010	350	32	<3
APR 27...	0.066	0.093	--	0.090	<0.20	<0.010	<0.010	0.020	<0.010	<0.010	120	27	<3
JUL 29...	0.059	0.056	0.040	0.030	0.70	<0.010	<0.010	0.010	<0.010	<0.010	120	21	4
DATE		IRON, DIS- SOLVED (UG/L AS FE) (01046)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	SEDI- MENT, DIS- SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. & FINER THAN .062 MM (70331)
OCT 15...	43	<4	10	<10	<1	<1	<1.0	6	<6	2	0.08	62	
JAN 15...	240	<4	65	<10	1	<1	<1.0	8	<6	8	3.3	11	
APR 27...	110	4	41	<10	2	<1	<1.0	7	<6	1	0.15	32	
JUL 29...	130	13	46	<10	<1	<1	<1.0	7	<6	10	1.2	90	

PASCAGOULA RIVER BASIN

02479155 CYPRESS CREEK NEAR JANICE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) (80040)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L) (75986)	ALPHA, COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75987)	ALPHA, 2 SIGMA SED SUS AS TH-230 (PCI/L) (76004)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137) (03516)	BETA, 2 SIGMA WATER, DISS, AS CS-137 (PCI/L) (75989)
OCT 15...	<0.6	<0.6	0.30	<0.60	0.30	<0.6	<0.6	0.40
APR 27...	<0.6	<0.6	0.39	<0.60	0.33	<0.6	<0.6	0.42
DATE	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90) (80050)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) (80060)	BETA, 2 SIGMA WATER, DISS, AS SR90 /Y90 (PCI/L) (75988)	BETA, 2 SIGMA SED, SUSP, TOT DRY SR90Y90 (PCI/L) (76005)	RADIUM 226, DIS- SOLVED, RADON METHOD (PCI/L) (09511)	RA-226 2 SIGMA WATER, DISS, (PCI/L) (76001)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	URANIUM NATURAL 2 SIGMA WATER, DISS, (UG/L) (75990)
OCT 15...	<0.6	<0.6	0.40	0.50	0.04	0.010	0.02	<1.0
APR 27...	<0.6	<0.6	0.39	0.50	0.06	0.010	0.05	<1.0

02479160 BLACK CREEK NEAR WIGGINS, MS

LOCATION.--Lat 30°51'12", long 88°54'49", in SW4 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.

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

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.--Estimated daily discharges: Sept. 26-29. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Feb. 19	0100	7,770	19.97	Apr. 22	0230	*10,600	*21.70

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	467	678	568	689	2880	1260	856	697	466	1480	294	762
2	438	600	663	622	2230	1170	791	659	405	1230	256	494
3	470	559	744	589	1900	1100	735	619	444	698	256	371
4	434	519	1030	570	1730	1050	693	594	565	478	334	329
5	453	489	963	553	3490	1140	665	573	488	384	331	323
6	437	459	814	531	4450	3270	661	555	402	320	266	317
7	419	443	670	516	3650	3860	790	527	367	284	231	354
8	405	431	586	731	2610	2650	843	505	466	258	224	445
9	403	427	553	3420	2090	2020	759	494	882	239	219	434
10	396	423	581	4050	1790	2080	686	482	1060	246	252	397
11	428	428	810	2310	1570	3500	637	475	665	225	458	337
12	415	445	798	1820	1440	2100	649	453	515	210	519	300
13	374	443	677	4270	1380	1520	659	448	430	204	378	273
14	337	439	676	5120	1560	1370	588	438	418	210	307	347
15	325	434	1200	3300	2280	1220	545	424	498	235	317	318
16	316	428	1130	2000	4390	1110	516	407	445	334	303	269
17	311	420	941	1630	5950	1030	488	392	425	349	263	263
18	307	417	798	1470	7430	996	469	377	389	471	231	359
19	305	426	646	4370	7520	1790	581	367	348	376	301	538
20	303	1010	581	6210	5210	3250	2500	357	310	459	479	467
21	300	2640	550	5620	2960	2340	8110	347	285	355	639	363
22	301	2530	535	3460	2220	1890	9110	338	270	511	601	364
23	310	1760	542	4350	2550	2540	3710	334	258	767	605	448
24	751	1280	666	5740	2620	2270	1940	330	249	816	409	419
25	3130	981	710	5350	2100	1640	1450	344	236	846	461	377
26	2420	762	618	3760	1860	1390	1170	385	229	708	637	e365
27	1010	658	595	2680	1650	1200	972	418	252	600	1530	e430
28	732	599	1450	3960	1530	1030	850	584	305	479	1720	e355
29	694	560	1800	5220	1400	934	771	718	254	490	1440	e330
30	947	550	1130	5010	---	919	732	772	409	521	1410	304
31	789	---	824	4040	---	920	---	585	---	368	1130	---
TOTAL	19127	22238	24849	93961	84440	54559	43926	14998	12735	15151	16801	11452
MEAN	617	741	802	3031	2912	1760	1464	484	424	489	542	382
MAX	3130	2640	1800	6210	7520	3860	9110	772	1060	1480	1720	762
MIN	300	417	535	516	1380	919	469	330	229	204	219	263
CFSM	.88	1.06	1.14	4.32	4.15	2.51	2.09	.69	.61	.70	.77	.54
IN.	1.02	1.18	1.32	4.99	4.48	2.90	2.33	.80	.68	.80	.89	.61

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1992, BY WATER YEAR (WY)

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	632	961	1581	2135	2386	2302	2431	1579	873	730	697	726									
MAX	2574	2354	4218	4169	5287	3986	7713	5400	2353	1940	1960	2277									
(WY)	1976	1986	1972	1990	1990	1980	1980	1991	1989	1979	1975	1979									
MIN	154	242	584	450	705	828	525	356	229	281	276	211									
(WY)	1982	1982	1991	1981	1989	1982	1986	1988	1985	1985	1981	1972									

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1972 - 1992
ANNUAL TOTAL	652457	414237	
ANNUAL MEAN	1788	1132	1414
HIGHEST ANNUAL MEAN			2307
LOWEST ANNUAL MEAN			767
HIGHEST DAILY MEAN	11700	Mar 3	39800
LOWEST DAILY MEAN	300	Oct 21	101
ANNUAL SEVEN-DAY MINIMUM	305	Oct 17	108
INSTANTANEOUS PEAK FLOW			43900
INSTANTANEOUS PEAK STAGE			28.81
INSTANTANEOUS LOW FLOW			100
ANNUAL RUNOFF (CFSM)	2.55	1.61	2.02
ANNUAL RUNOFF (INCHES)	34.62	21.98	27.41
10 PERCENT EXCEEDS	4220	2660	3190
50 PERCENT EXCEEDS	1020	584	764
90 PERCENT EXCEEDS	419	304	260

PASCAGOULA RIVER BASIN

02479300 RED CREEK AT VESTRY, MS

LOCATION.--Lat 30°44'10", long 88°46'50", in SW4SW4 sec.34, T.3 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170007, located temporarily on left bank 80 ft downstream from 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.

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

GAGE.--Water-stage recorder. Datum of gage is 20.10 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharge: Oct. 25 to Dec. 18. Records good except for estimated daily discharges, which are poor.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 15	0530	5,330	14.42	Feb. 19	0800	5,050	14.26
Jan. 25	0630	4,040	13.99	Apr. 23	0400	*6,160	*14.66

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	340	e450	e330	486	2040	710	627	478	410	786	237	230
2	316	e400	e375	423	1460	641	550	454	342	1140	222	202
3	294	e380	e530	390	1160	594	503	429	321	959	222	185
4	279	e350	e720	388	1030	561	475	408	414	577	683	182
5	269	e330	e450	373	2410	647	457	390	430	395	487	177
6	270	e290	e360	358	3570	2270	458	374	357	325	262	170
7	257	e285	e350	348	3080	3610	563	356	308	274	208	308
8	242	e280	e340	368	1960	3290	635	342	353	246	196	272
9	236	e275	e335	1620	1360	1980	579	331	652	229	181	223
10	230	e277	e350	2870	1050	1530	505	322	713	217	164	209
11	225	e280	e500	2260	917	1630	465	313	570	219	212	190
12	221	e300	e340	1440	839	1510	470	306	426	206	375	176
13	217	e290	e330	3120	794	1270	494	301	357	202	359	176
14	215	e288	e400	4800	828	1010	445	297	376	202	415	179
15	212	e285	e800	5170	1050	853	408	290	477	209	430	172
16	210	e280	e550	3630	2080	770	388	281	606	249	315	172
17	205	e275	e440	1760	3810	709	374	273	469	281	239	171
18	202	e270	e350	1190	4740	675	360	267	375	293	201	243
19	201	e265	311	2370	4990	768	448	263	324	257	186	419
20	200	e700	294	3550	4210	1010	975	263	288	236	294	375
21	198	e2100	284	3850	2310	877	2820	260	261	218	353	365
22	199	e1400	280	2910	1410	803	5090	254	240	271	323	290
23	198	e900	279	2840	1690	1190	5720	250	225	503	279	244
24	202	e660	285	3700	2140	1520	2870	249	214	630	279	240
25	e1100	e550	298	3930	1790	1210	1160	247	206	672	266	241
26	e2400	e400	327	2950	1430	906	849	276	200	585	250	228
27	e1800	e350	333	1810	1120	738	693	315	199	461	386	246
28	e700	e340	576	2070	922	653	598	451	213	393	434	264
29	e550	e335	1150	2800	798	598	540	669	211	337	521	242
30	e800	e332	859	2860	---	578	503	707	261	301	420	219
31	e500	---	605	2680	---	625	---	554	---	262	289	---
TOTAL	13488	13917	13731	69314	56988	35736	31022	10970	10798	12135	9688	7010
MEAN	435	464	443	2236	1965	1153	1034	354	360	391	313	234
MAX	2400	2100	1150	5170	4990	3610	5720	707	713	1140	683	419
MIN	198	265	279	348	794	561	360	247	199	202	164	170
CFSM	.99	1.05	1.00	5.07	4.46	2.61	2.34	.80	.82	.89	.71	.53
IN.	1.14	1.17	1.16	5.85	4.81	3.01	2.62	.93	.91	1.02	.82	.59

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1992, BY WATER YEAR (WY)

	MEAN	409	556	960	1248	1541	1417	1284	932	571	513	603	588
MAX	1801	1798	3933	2344	3478	3049	4692	4464	2159	1855	2994	1692	
(WY)	1976	1962	1962	1990	1990	1961	1980	1991	1959	1989	1987	1979	
MIN	95.9	118	266	266	380	385	204	189	140	160	169	143	
(WY)	1964	1964	1982	1981	1989	1967	1963	1963	1985	1968	1981	1972	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1958 - 1992

ANNUAL TOTAL	491631	284797	
ANNUAL MEAN	1347	778	880
HIGHEST ANNUAL MEAN			1492
LOWEST ANNUAL MEAN			358
HIGHEST DAILY MEAN	8290	May 12	25100
LOWEST DAILY MEAN	198	Oct 21	89
ANNUAL SEVEN-DAY MINIMUM	200	Oct 18	90
INSTANTANEOUS PEAK FLOW			28000
INSTANTANEOUS PEAK STAGE			21.48
INSTANTANEOUS LOW FLOW			88
ANNUAL RUNOFF (CFSM)	3.05	1.76	1.99
ANNUAL RUNOFF (INCHES)	41.47	24.02	27.10
10 PERCENT EXCEEDS	3850	2070	1930
50 PERCENT EXCEEDS	691	378	475
90 PERCENT EXCEEDS	281	212	182

PASCAGOULA RIVER BASIN

93

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS
(National stream-quality accounting station)

LOCATION.--Lat 30°48'12", long 88°27'31", in SW SW sec. 2, T. 3 S., R. 5 W., George County, MS, Hydrologic Unit 03170008, near left bank on downstream side of bridge on county road 612, 2.5 mi west of Alabama-Mississippi State line, 3.7 mi east of Agricola, Miss., 4.8 mi downstream of old gage at Escatawpa River near Wilmer, Ala, and 6.7 mi west of Wilmer.

DRAINAGE AREA.--562 mi².

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

REVISED RECORD.--WDR MS-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.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached an elevation of approximately 72 ft, National Geodetic Vertical Datum of 1929, as determined from historical data. Peak discharge of this flood is unknown but in probability has not been exceeded since 1929.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	278	199	495	855	3360	1310	552	530	234	360	235	192
2	259	224	511	793	2750	1140	515	420	206	308	199	174
3	245	220	772	762	2020	1000	485	361	231	246	181	168
4	235	206	1280	739	1640	911	462	329	279	195	173	174
5	230	198	1100	688	3300	917	444	305	257	170	165	374
6	221	198	851	593	3510	1710	449	283	226	151	155	494
7	210	198	690	527	2770	1930	516	266	201	136	160	361
8	206	198	613	537	2180	1670	507	257	240	127	257	341
9	202	200	574	1740	1900	1390	477	249	557	122	328	325
10	201	200	604	2320	1680	1500	445	241	455	138	289	259
11	198	199	625	1980	1470	1800	443	234	361	139	600	236
12	194	198	571	1660	1230	1690	539	229	307	130	538	247
13	191	197	520	3070	1060	1480	483	227	266	150	608	221
14	188	196	534	5060	1050	1390	426	219	374	155	659	204
15	188	195	591	5410	2370	1260	399	212	362	157	646	186
16	183	194	577	4560	3120	1080	375	202	572	159	442	164
17	181	195	539	3180	5070	901	353	197	729	159	319	157
18	183	206	513	2230	7390	775	335	198	621	221	252	225
19	181	393	491	3810	7920	1050	404	202	360	275	228	511
20	180	735	479	4640	6970	1710	433	202	250	278	209	394
21	180	1680	468	4180	5750	1820	1470	192	205	383	201	404
22	180	2000	450	3710	4000	1860	3080	184	179	732	249	400
23	184	1530	442	3960	3120	2170	2690	178	164	845	264	417
24	199	1050	487	4220	2880	2020	2570	177	153	835	251	350
25	240	823	518	3580	2730	1670	1970	181	145	846	248	282
26	223	698	485	2650	2790	1350	1440	187	146	609	291	253
27	213	641	478	2210	2190	1130	1030	226	167	432	369	236
28	205	607	760	3350	1760	960	789	264	161	322	351	221
29	202	571	1040	4140	1500	819	693	313	145	331	302	203
30	198	516	1060	3850	---	708	649	299	212	358	252	185
31	195	---	965	3640	---	610	---	274	---	288	219	---
TOTAL	6373	14865	20083	84644	89480	41731	25423	7838	8765	9757	9640	8358
MEAN	206	495	648	2730	3086	1346	847	253	292	315	311	279
MAX	278	2000	1280	5410	7920	2170	3080	530	729	846	659	511
MIN	180	194	442	527	1050	610	335	177	145	122	155	157
CFSM	.37	.88	1.15	4.86	5.49	2.40	1.51	.45	.52	.56	.55	.50
IN.	.42	.98	1.33	5.60	5.92	2.76	1.68	.52	.58	.65	.64	.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1992, BY WATER YEAR (WY)

	MEAN	508	873	1192	1762	2180	2083	1916	1513	777	593	608	815
MAX	2182	2587	2597	3418	4280	4383	6686	6818	2572	1592	2675	2386	
(WY)	1976	1980	1983	1990	1990	1979	1983	1991	1978	1989	1975	1974	
MIN	126	152	364	365	412	742	544	210	169	245	210	185	
(WY)	1982	1982	1982	1981	1989	1982	1985	1988	1988	1986	1981	1990	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR		FOR 1992 WATER YEAR		WATER YEARS 1974 - 1992	
ANNUAL TOTAL	593842		326957		1230	
ANNUAL MEAN	1627		893		1922	
HIGHEST ANNUAL MEAN					740	
LOWEST ANNUAL MEAN					32600	
HIGHEST DAILY MEAN	18600	May 11	7920	Feb 19	Apr 9	1983
LOWEST DAILY MEAN	180	Oct 20	122	Jul 9	Jun 7	1985
ANNUAL SEVEN-DAY MINIMUM	181	Oct 16	135	Jul 7	Oct 2	1981
INSTANTANEOUS PEAK FLOW			8080	Feb 19	Apr 9	1983
INSTANTANEOUS PEAK STAGE			16.40	Feb 19	Apr 9	1983
INSTANTANEOUS LOW FLOW					100	Jun 8 1985
ANNUAL RUNOFF (CFSM)	2.89		1.59		2.19	
ANNUAL RUNOFF (INCHES)	39.31		21.64		29.72	
10 PERCENT EXCEEDS	4280		2430		2750	
50 PERCENT EXCEEDS	757		399		646	
90 PERCENT EXCEEDS	206		181		197	

BILOXI RIVER BASIN

02481000 BILOXI RIVER AT WORTHAM, MS

LOCATION.--Lat 30°33'30", long 89°07'20", in SEWSEW 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.--96.2 mi².

PERIOD OF RECORD.--October 1952 to current year.

REVISED RECORDS.--WDR MS-89-1: 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: Nov. 15 - Dec. 10, July 19 - Aug. 5. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Jan. 13	0700	3,370	13.81	Feb. 17	1345	*3,410	13.89
Jan. 23	0800	2,150	10.34	Mar. 6	0530	2,020	9.94

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	16	e32	76	276	128	80	36	30	341	e21	8.2
2	30	15	e38	62	205	115	65	34	23	191	e52	7.1
3	26	17	e75	54	172	104	57	31	71	86	e140	6.2
4	23	17	e144	48	221	100	54	28	83	67	e29	6.1
5	20	14	e82	42	1090	401	51	25	59	39	e77	8.3
6	18	13	e58	38	630	1670	83	22	34	24	60	12
7	20	12	e42	35	313	957	143	20	23	17	44	24
8	17	12	e34	179	215	390	108	19	55	12	42	30
9	15	12	e31	1050	169	260	74	18	179	9.3	25	19
10	14	12	e32	511	143	685	59	17	125	8.4	46	53
11	13	12	47	216	127	531	53	16	64	7.3	54	26
12	12	12	47	575	116	274	50	16	38	5.5	60	15
13	12	11	38	2980	123	206	52	16	28	4.6	45	9.3
14	11	11	36	2030	168	167	48	15	52	5.5	91	8.4
15	11	e11	51	853	329	143	39	15	139	8.7	80	7.7
16	12	e10	52	341	436	123	33	14	137	15	38	6.5
17	9.6	e10	39	241	2280	109	30	13	81	26	23	10
18	9.2	e12	31	350	1580	108	30	12	44	32	16	21
19	9.0	e16	27	1590	742	138	89	29	28	e19	14	60
20	9.0	e350	25	1010	334	128	234	25	20	e9.6	14	282
21	8.8	e800	23	440	256	94	989	19	15	e7.2	18	238
22	8.9	e480	22	308	266	261	695	18	11	e7.7	21	103
23	9.0	e250	22	1720	616	467	183	15	8.9	e48	22	133
24	9.2	e150	25	1120	403	265	115	13	7.7	e110	15	85
25	9.6	e85	27	488	288	157	91	14	6.6	e130	13	57
26	11	e60	26	287	236	125	72	25	13	e48	30	77
27	16	e50	32	280	191	105	56	20	12	e29	25	211
28	15	e40	298	847	164	89	46	80	6.4	e42	18	116
29	14	e35	361	586	144	81	41	126	6.8	e75	14	69
30	13	e30	165	557	---	104	38	79	223	e39	13	45
31	16	---	101	421	---	105	---	45	---	e19	10	---
TOTAL	455.3	2575	2063	19335	12233	8590	3758	875	1623.4	1482.8	1170	1753.8
MEAN	14.7	85.8	66.5	624	422	277	125	28.2	54.1	47.8	37.7	58.5
MAX	34	800	361	2980	2280	1670	989	126	223	341	140	282
MIN	8.8	10	22	35	116	81	30	12	6.4	4.6	10	6.1
CFSM	.15	.89	.69	6.48	4.38	2.88	1.30	.29	.56	.50	.39	.61
IN.	.18	1.00	.80	7.48	4.73	3.32	1.45	.34	.63	.57	.45	.68

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 1992, BY WATER YEAR (WY)

	71.4	109	224	303	364	325	267	177	112	116	146	164
MEAN	71.4	109	224	303	364	325	267	177	112	116	146	164
MAX	606	466	625	721	986	920	997	1129	587	592	715	680
(WY)	1986	1980	1962	1972	1983	1980	1980	1991	1959	1989	1987	1973
MIN	1.95	4.37	24.1	15.9	60.2	34.1	24.0	7.92	5.00	12.9	7.05	5.35
(WY)	1964	1982	1959	1981	1989	1955	1963	1956	1985	1957	1954	1954

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1953 - 1992

	111360.3	55914.3	197	364	1983
ANNUAL TOTAL	111360.3	55914.3	197	364	1983
ANNUAL MEAN	305	153	67.4	67.4	1963
HIGHEST ANNUAL MEAN			8330	8330	8 1983
LOWEST ANNUAL MEAN			1.2	1.2	Oct 21 1963
HIGHEST DAILY MEAN	5240	May 19	4.6	4.6	Jul 13 1963
LOWEST DAILY MEAN	8.8	Oct 21	7.0	7.0	Jul 9 1963
ANNUAL SEVEN-DAY MINIMUM	9.0	Oct 18	3410	3410	Feb 17 1983
INSTANTANEOUS PEAK FLOW			13.89	13.89	Feb 17 1983
INSTANTANEOUS PEAK STAGE			4.2	4.2	Jul 13, 14 1963
INSTANTANEOUS LOW FLOW			1.59	1.59	
ANNUAL RUNOFF (CFSM)	3.17		21.62	21.62	
ANNUAL RUNOFF (INCHES)	43.06		458	458	
10 PERCENT EXCEEDS	732		66	66	
50 PERCENT EXCEEDS	121		10	10	
90 PERCENT EXCEEDS	14				

LOCATION.--Lat 30°29'00", long 89°16'28", in NE¼ sec.34, T.6 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on left bank at downstream side of bridge on county highway, 0.3 mi downstream from Sandy Creek, 1.3 mi upstream from Pole Branch, and 11.2 mi northwest of Landon.

PERIOD OF RECORD.--August 1971 to current year. Occasional discharge measurements, water years 1964-66.

GAGE.--Water-stage recorder. Datum of gage is 14.34 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 18, 1978, at datum 7.00 ft higher. Oct. 18, 1978 to Oct. 15, 1990, at datum 5.00 ft higher.

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

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)
Jan. 13	0430	5,680	16.06	Feb. 17	1300	*6,970	*17.62
Jan. 19	1400	4,070	13.89	Mar. 6	0830	4,520	14.53
Jan. 23	1200	4,520	14.53	Apr. 21	1330	5,620	15.98

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	150	183	179	238	1140	456	390	223	168	1130	180	156
2	140	167	198	210	842	414	329	210	144	743	626	130
3	133	142	266	193	693	378	293	198	259	361	187	116
4	127	126	359	179	711	358	272	186	294	236	274	105
5	125	119	272	169	2260	1010	258	174	210	163	149	117
6	122	115	212	163	2000	4160	331	162	155	126	110	245
7	116	114	186	157	1370	2740	539	151	152	105	97	233
8	112	113	171	306	1000	1710	458	144	163	91	84	211
9	109	112	162	1840	744	1120	340	139	360	82	107	214
10	107	113	180	1440	604	1740	282	135	413	75	114	269
11	106	113	225	807	532	1660	263	131	242	71	130	203
12	105	113	194	1400	491	1120	276	129	178	69	263	177
13	103	111	177	5350	500	880	257	129	220	69	174	136
14	102	111	185	3410	620	656	250	127	241	90	192	122
15	100	111	229	1770	1140	547	215	122	435	274	181	109
16	98	111	228	1030	2390	483	196	117	416	259	132	108
17	96	112	197	674	5210	437	185	113	233	210	105	141
18	95	114	172	777	4600	423	189	111	168	143	90	145
19	95	114	156	3660	2540	507	864	139	134	107	572	419
20	95	932	147	2830	1510	647	2170	133	115	91	664	891
21	95	1540	143	1830	986	493	4970	120	101	89	313	885
22	96	1190	141	1260	837	780	2240	116	91	164	231	467
23	97	694	144	3960	1840	1710	1030	120	85	456	357	400
24	114	432	151	3130	1660	1330	636	120	79	407	242	288
25	125	303	155	2020	1150	820	478	112	74	456	203	215
26	125	243	167	1320	886	576	386	111	71	394	392	253
27	118	212	191	1000	700	461	319	124	69	335	1090	482
28	119	191	682	2190	589	397	276	256	68	249	1140	304
29	262	176	665	2080	512	359	250	517	70	252	581	214
30	248	174	412	1990	---	415	235	412	674	167	324	165
31	219	---	295	1640	---	538	---	232	---	130	206	---
TOTAL	3854	8401	7241	49023	40057	29325	19177	5213	6082	7594	9510	7920
MEAN	124	280	234	1581	1381	946	639	168	203	245	307	264
MAX	262	1540	682	5350	5210	4160	4970	517	674	1130	1140	891
MIN	95	111	141	157	491	358	185	111	68	69	84	105
CFSM	.40	.91	.76	5.13	4.48	3.07	2.08	.55	.66	.80	1.00	.86
IN.	.47	1.01	.87	5.92	4.84	3.54	2.32	.63	.73	.92	1.15	.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1992, BY WATER YEAR (WY)

MEAN	228	379	698	989	1215	1077	1019	718	334	378	430	498
MAX	1231	957	1511	1840	2489	2424	3008	2641	1082	1513	1778	1676
(WY)	1986	1990	1984	1974	1990	1980	1980	1991	1989	1979	1975	1973
MIN	52.1	51.3	144	122	272	334	159	103	58.9	90.5	71.4	71.5
(WY)	1982	1982	1982	1981	1989	1981	1976	1985	1985	1986	1986	1972

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1971 - 1992
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ANNUAL TOTAL	299963		193397				
ANNUAL MEAN	822		528			659	
HIGHEST ANNUAL MEAN						943	1980
LOWEST ANNUAL MEAN						312	1976
HIGHEST DAILY MEAN	7800	May 19	5350	Jan 13		17400	Apr 8 1983
LOWEST DAILY MEAN	75	Aug 24	68	Jun 28		37	Jun 9 1985
ANNUAL SEVEN-DAY MINIMUM	82	Aug 20	74	Jun 23		40	Jun 4 1985
INSTANTANEOUS PEAK FLOW			6970	Feb 17		18400	Apr 8 1983
INSTANTANEOUS PEAK STAGE			17.62	Feb 17		21.53	Apr 8 1983
ANNUAL RUNOFF (CFSM)	2.67		1.72			2.14	
ANNUAL RUNOFF (INCHES)	36.23		23.36			29.06	
10 PERCENT EXCEEDS	1900		1340			1540	
50 PERCENT EXCEEDS	412		224			285	
90 PERCENT EXCEEDS	112		106			82	

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 03180001, 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: Jan. 27-28, Feb. 4-11, 15, Aug. 27-28, and Sept. 25-27. Records good except for estimated daily discharges, which are poor. Telemeter and satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed, 70,600 ft³/s, Apr. 13, 1979, gage height, 23.31 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	51	139	133	680	1270	298	315	13	19	12	215
2	118	58	444	124	593	1180	270	209	12	18	11	105
3	101	71	735	115	513	1040	235	142	16	16	10	82
4	75	62	788	111	e480	889	207	104	38	18	11	95
5	54	53	857	107	e520	756	188	81	97	19	9.5	97
6	41	48	888	97	e600	649	169	65	77	15	7.3	131
7	36	44	807	92	e660	542	171	54	42	13	6.2	112
8	42	41	698	92	e560	476	217	45	33	12	5.1	87
9	36	46	603	102	e515	431	278	38	76	11	5.4	70
10	29	41	530	105	e470	422	268	32	86	10	6.5	56
11	24	44	468	104	e550	456	216	29	264	8.9	7.1	45
12	19	52	423	136	564	546	178	28	248	12	6.5	37
13	18	60	375	324	532	569	156	29	298	10	7.8	31
14	17	53	502	539	508	529	139	32	288	22	9.2	26
15	14	51	582	620	e730	487	190	26	245	17	8.8	23
16	25	58	637	733	1210	452	248	35	237	15	7.6	19
17	22	65	659	809	2140	419	258	31	208	12	7.7	19
18	18	55	626	773	2320	384	216	26	158	14	8.2	23
19	16	59	539	832	1920	376	193	21	117	17	7.4	24
20	15	172	456	863	1670	419	353	20	80	19	6.8	70
21	16	297	393	936	1430	494	817	18	60	14	6.9	46
22	16	354	340	974	1230	477	973	16	46	11	7.1	61
23	17	382	284	1070	1050	438	1210	15	37	11	31	66
24	20	332	242	1090	899	427	1110	14	31	10	10	58
25	23	236	211	1190	831	472	1020	12	25	11	8.2	e47
26	20	182	184	1170	1010	486	976	14	30	12	14	e45
27	21	160	157	e1050	1180	466	870	27	23	9.7	e160	e43
28	22	142	141	e980	1480	427	733	25	21	7.9	e410	41
29	22	123	142	868	1370	386	575	20	19	7.4	347	35
30	25	109	144	807	---	350	438	17	17	7.1	386	30
31	28	---	140	756	---	322	---	15	---	8.5	358	---
TOTAL	1069	3501	14134	17702	28215	17037	13170	1555	2942	407.5	1899.3	1839
MEAN	34.5	117	456	571	973	550	439	50.2	98.1	13.1	61.3	61.3
MAX	119	382	888	1190	2320	1270	1210	315	298	22	410	215
MIN	14	41	139	92	470	322	139	12	12	7.1	5.1	19
CFSM	.07	.22	.88	1.10	1.87	1.06	.84	.10	.19	.03	.12	.12
IN.	.08	.25	1.01	1.27	2.02	1.22	.94	.11	.21	.03	.14	.13

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	73.6	442	914	980	1644	1161	1193	920	286	128	71.6	26.4
MAX	262	1071	3408	3099	3661	3149	3686	4021	927	906	342	123
(WY)	1989	1990	1983	1990	1983	1983	1983	1983	1989	1982	1982	1991
MIN	.94	3.65	7.83	104	154	391	70.4	16.7	2.15	5.17	3.03	1.92
(WY)	1988	1988	1988	1986	1986	1988	1986	1988	1988	1981	1987	1987

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1981 - 1992
ANNUAL TOTAL	364289	103470.8	
ANNUAL MEAN	998	283	672
HIGHEST ANNUAL MEAN			1732
LOWEST ANNUAL MEAN			141
HIGHEST DAILY MEAN	17800	Apr 30	34600
LOWEST DAILY MEAN	14	Oct 15	.37
ANNUAL SEVEN-DAY MINIMUM	17	Oct 18	.50
INSTANTANEOUS PEAK FLOW			2490
INSTANTANEOUS PEAK STAGE			13.19
ANNUAL RUNOFF (CFSM)	1.92		.54
ANNUAL RUNOFF (INCHES)	26.06		7.40
10 PERCENT EXCEEDS	2680	831	1590
50 PERCENT EXCEEDS	349	103	142
90 PERCENT EXCEEDS	31	12	3.9

02481880 PEARL RIVER AT BURNSIDE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.43	5.21	6.21	6.61	10.72	12.00	7.80	8.13	4.61	4.81	4.70	7.48
2	6.43	5.33	8.77	6.51	10.35	11.81	7.56	7.21	4.57	4.77	4.68	6.28
3	6.21	5.52	10.41	6.43	9.93	11.47	7.25	6.52	4.69	4.73	4.65	5.97
4	5.86	5.37	10.66	6.39	---	11.03	6.98	6.07	5.21	4.78	4.67	6.16
5	5.52	5.21	10.93	6.35	---	10.54	6.80	5.76	6.16	4.80	4.63	6.19
6	5.27	5.10	11.05	6.24	---	10.02	6.60	5.52	5.88	4.72	4.55	6.62
7	5.18	5.01	10.78	6.18	---	9.51	6.62	5.34	5.30	4.66	4.50	6.38
8	5.31	4.94	10.32	6.19	---	9.12	7.08	5.19	5.12	4.61	4.44	6.04
9	5.20	5.02	9.88	6.34	---	8.82	7.64	5.07	5.86	4.58	4.46	5.79
10	5.05	4.91	9.53	6.39	---	8.75	7.56	4.95	5.97	4.55	4.51	5.56
11	4.92	4.96	9.16	6.40	---	8.99	7.10	4.88	7.94	4.51	4.54	5.37
12	4.77	5.09	8.87	6.78	10.21	9.53	6.73	4.86	7.79	4.63	4.51	5.21
13	4.74	5.21	8.54	8.58	10.04	9.66	6.50	4.89	8.23	4.57	4.56	5.08
14	4.69	5.08	9.40	10.07	9.89	9.44	6.33	4.98	8.14	4.90	4.62	4.97
15	4.61	5.03	9.87	10.46	---	9.19	6.87	4.84	7.77	4.78	4.61	4.89
16	4.88	5.14	10.15	10.93	12.08	8.96	7.44	5.06	7.69	4.73	4.56	4.79
17	4.79	5.25	10.27	11.19	12.97	8.73	7.54	4.98	7.43	4.64	4.56	4.79
18	4.67	5.07	10.13	11.07	13.10	8.48	7.16	4.88	6.91	4.72	4.58	4.88
19	4.60	5.12	9.70	11.26	12.81	8.42	6.94	4.76	6.43	4.81	4.55	4.91
20	4.57	6.45	9.21	11.35	12.57	8.73	8.22	4.74	5.93	4.88	4.52	5.75
21	4.58	7.71	8.79	11.54	12.28	9.23	10.86	4.68	5.62	4.72	4.53	5.38
22	4.58	8.15	8.40	11.63	11.91	9.13	11.36	4.65	5.37	4.64	4.54	5.64
23	4.58	8.35	7.96	11.83	11.52	8.87	11.93	4.63	5.19	4.62	5.18	5.73
24	4.64	7.96	7.61	11.88	11.08	8.79	11.73	4.60	5.07	4.61	4.67	5.59
25	4.72	7.13	7.33	12.06	10.84	9.10	11.51	4.56	4.93	4.66	4.58	---
26	4.63	6.62	7.08	12.02	11.40	9.18	11.40	4.60	5.06	4.68	4.79	---
27	4.63	6.40	6.81	---	11.79	9.04	11.10	4.98	4.90	4.61	---	---
28	4.64	6.21	6.65	---	12.36	8.78	10.59	4.93	4.83	4.54	---	5.28
29	4.65	6.01	6.67	11.36	12.19	8.49	9.85	4.81	4.80	4.52	8.63	5.17
30	4.70	5.85	6.71	11.18	---	8.21	9.04	4.70	4.75	4.52	8.92	5.06
31	4.77	---	6.67	11.01	---	7.99	---	4.66	---	4.57	8.71	---
MEAN	4.99	5.81	8.86	---	---	9.36	8.40	5.18	5.94	4.67	---	---
MAX	6.43	8.35	11.05	---	---	12.00	11.93	8.13	8.23	4.90	---	---
MIN	4.57	4.91	6.21	---	---	7.99	6.33	4.56	4.57	4.51	---	---

PEARL RIVER BASIN

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02482000 PEARL RIVER AT EDINBURG, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.65	3.45	5.20	5.23	10.60	12.46	6.36	7.77	2.57	3.48	2.72	6.58
2	4.94	4.00	7.89	5.14	10.13	12.47	6.18	6.74	2.49	3.52	2.57	5.86
3	4.57	4.07	9.40	5.10	9.62	12.08	5.96	5.92	2.85	3.41	2.48	5.17
4	4.38	3.80	9.33	5.03	9.05	11.55	5.73	5.24	3.62	3.20	2.42	5.08
5	4.19	3.69	9.56	4.94	9.12	11.26	5.49	4.69	3.51	3.02	2.44	4.54
6	3.97	3.58	9.47	4.89	10.33	10.89	5.28	4.37	3.54	2.86	2.52	4.38
7	3.76	3.49	9.25	4.81	10.43	10.21	5.77	4.03	3.72	2.74	2.44	4.21
8	3.70	3.46	9.08	4.82	10.92	9.43	5.95	3.72	4.01	2.62	2.35	4.13
9	3.72	3.44	8.91	5.07	10.47	8.64	5.87	3.51	7.64	2.52	2.30	3.92
10	3.73	3.44	8.81	5.16	9.89	8.91	5.92	3.41	6.18	2.44	2.34	3.68
11	3.69	3.42	8.36	5.17	9.48	8.62	5.92	3.20	6.98	2.36	2.31	3.46
12	3.61	3.38	7.91	5.77	9.19	8.30	5.73	3.15	6.92	2.28	2.42	3.24
13	3.49	3.37	7.60	7.64	9.81	8.12	5.42	3.23	8.42	2.22	2.50	3.08
14	3.36	3.42	9.28	9.92	9.74	8.05	5.08	3.42	8.78	2.19	2.55	2.93
15	3.23	3.45	9.09	9.87	13.17	7.95	4.84	3.25	7.22	2.29	2.58	2.79
16	3.13	3.41	9.43	10.07	13.82	7.74	4.85	3.16	6.29	2.65	2.49	2.67
17	3.06	3.36	9.19	9.89	14.55	7.43	5.11	3.04	5.72	2.84	2.39	2.66
18	3.04	3.35	8.78	10.01	14.82	7.26	5.25	3.03	5.32	2.86	2.28	3.31
19	3.02	3.44	8.50	11.09	15.05	7.52	5.57	2.99	4.94	2.93	2.19	3.14
20	2.98	5.30	8.19	11.27	15.78	7.30	7.53	2.90	4.58	2.91	2.13	2.91
21	2.93	5.82	7.76	11.63	15.60	7.19	9.87	2.78	4.17	4.15	2.13	3.01
22	2.89	6.59	7.31	11.66	14.75	7.28	10.06	2.68	3.79	3.76	2.10	3.55
23	3.07	6.63	6.96	12.07	13.70	7.55	10.25	2.62	3.51	3.55	3.88	3.79
24	3.25	6.35	6.68	11.93	12.67	7.46	9.97	2.58	3.28	3.32	3.12	3.57
25	3.22	6.09	6.29	11.97	13.06	7.30	10.10	2.67	3.19	3.09	2.95	3.45
26	3.23	5.70	5.97	11.83	14.42	7.23	10.25	2.66	3.31	3.11	2.66	3.64
27	3.30	5.23	5.72	11.64	13.85	7.18	10.03	2.59	3.31	3.04	8.08	3.56
28	3.30	4.91	5.58	11.80	13.27	7.05	9.66	2.56	3.18	2.96	8.05	3.36
29	3.26	4.69	5.45	11.74	12.58	6.90	9.29	2.64	3.03	2.86	8.66	3.17
30	3.12	4.64	5.34	11.47	---	6.76	8.71	2.72	3.26	3.12	8.88	3.02
31	3.06	---	5.29	11.08	---	6.56	---	2.66	---	2.99	7.68	---
MEAN	3.54	4.30	7.79	8.70	12.06	8.54	7.07	3.55	4.64	2.94	3.44	3.73
MAX	5.65	6.63	9.56	12.07	15.78	12.47	10.25	7.77	8.78	4.15	8.88	6.58
MIN	2.89	3.35	5.20	4.81	9.05	6.56	4.84	2.56	2.49	2.19	2.10	2.66

WTR YR 1992 MEAN 5.84 MAX 15.78 MIN 2.10

02482550 PEARL RIVER NEAR CARTHAGE, MS

LOCATION.--Lat 32°42'25", long 89°31'35", in NEWNEW 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: May 22-26, 29 - June 3, July 6-17, Aug. 9-21. Records good except estimated daily discharges, which are poor. Telemeter and National Weather Service satellite telemeter at station.

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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	456	198	407	465	1850	2870	741	983	e148	223	175	941
2	382	256	808	452	1670	2720	703	787	e158	228	166	646
3	321	291	1600	441	1510	2460	662	622	e166	208	154	500
4	287	292	1710	432	1390	2190	622	504	189	194	138	485
5	266	266	1640	416	1350	2060	581	411	222	174	181	481
6	249	247	1530	404	1980	2090	541	344	205	e165	189	498
7	232	233	1400	397	2020	1940	580	303	199	e155	141	491
8	229	223	1280	390	1940	1690	716	265	207	e148	126	380
9	238	218	1200	411	1860	1460	698	236	560	e136	e114	308
10	228	218	1230	434	1660	1430	673	218	797	e130	e104	265
11	222	217	1170	439	1470	1630	654	204	771	e124	e110	232
12	212	217	1070	520	1350	1620	625	191	898	e118	e120	206
13	205	216	1000	1000	1560	1510	580	185	1080	e114	e123	184
14	192	216	1470	1740	1630	1430	530	188	1380	e108	e125	165
15	183	218	1730	1700	2660	1300	483	191	1370	e105	e120	149
16	174	220	1660	1580	3660	1140	449	178	1150	e120	e110	138
17	167	219	1580	1500	3690	1040	449	172	809	e135	e104	130
18	163	215	1430	1450	3740	976	471	166	576	139	e100	138
19	161	213	1240	1930	3650	1160	576	175	471	142	e108	180
20	159	317	1090	2100	3600	1370	871	162	402	154	e128	175
21	157	557	989	2130	3640	1290	1600	151	345	182	e177	155
22	156	695	886	2190	3460	1220	1650	e160	295	311	125	192
23	164	748	807	2440	3090	1190	1680	e155	251	328	126	313
24	275	675	761	2520	2660	1140	1610	e150	217	295	260	300
25	287	582	696	2410	2860	1110	1450	e152	194	212	224	246
26	237	517	623	2290	4050	1060	1460	e158	211	189	167	232
27	221	455	567	2140	4060	1000	1560	156	199	188	972	236
28	215	407	534	2100	3720	925	1460	159	183	175	1800	220
29	210	379	518	2180	3240	865	1290	e158	172	167	1540	197
30	202	366	496	2130	---	823	1140	e150	199	169	1500	178
31	188	---	479	2020	---	784	---	e144	---	188	1300	---
TOTAL	7038	10091	33601	42751	75020	45493	27105	8178	14024	5424	10827	8961
MEAN	227	336	1084	1379	2587	1468	903	264	467	175	349	299
MAX	456	748	1730	2520	4060	2870	1680	983	1380	328	1800	941
MIN	156	198	407	390	1350	784	449	144	148	105	100	130
CFSM	.17	.25	.81	1.02	1.92	1.09	.67	.20	.35	.13	.26	.22
IN.	.19	.28	.93	1.18	2.07	1.26	.75	.23	.39	.15	.30	.25

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 1992, BY WATER YEAR (WY)

	MEAN	435	775	2308	3603	3765	4399	4352	2450	728	565	436	358
MAX	3511	3424	11360	11030	11060	12090	17460	11780	2919	2650	2636	2869	
(WY)	1976	1978	1983	1974	1983	1980	1979	1983	1983	1989	1975	1979	
MIN	39.4	66.7	205	405	859	1160	329	151	57.0	125	82.5	60.9	
(WY)	1964	1964	1988	1986	1986	1967	1963	1963	1988	1966	1981	1987	

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1963 - 1992
ANNUAL TOTAL	1128669	288513	
ANNUAL MEAN	3092	788	2006
HIGHEST ANNUAL MEAN			5247
LOWEST ANNUAL MEAN			422
HIGHEST DAILY MEAN	32300	May 2	93800
LOWEST DAILY MEAN	156	Oct 22	32
ANNUAL SEVEN-DAY MINIMUM	161	Oct 17	113
INSTANTANEOUS PEAK FLOW			4140
INSTANTANEOUS PEAK STAGE			14.22
INSTANTANEOUS LOW FLOW			100
ANNUAL RUNOFF (CFSM)	2.30	.59	1.49
ANNUAL RUNOFF (INCHES)	31.19	7.97	20.25
10 PERCENT EXCEEDS	9050	1940	5160
50 PERCENT EXCEEDS	1060	411	689
90 PERCENT EXCEEDS	218	150	105

a May have been lower during other period of no gage height.

PEARL RIVER BASIN

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02482550 PEARL RIVER NEAR CARTHAGE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.13	4.26	5.51	5.83	10.20	12.22	6.84	7.85	---	4.14	3.67	7.60
2	5.69	4.75	7.22	5.77	9.78	11.95	6.68	7.17	---	4.18	3.58	6.43
3	5.26	5.03	9.68	5.71	9.40	11.47	6.51	6.52	---	4.03	3.47	5.74
4	5.00	5.03	9.93	5.67	9.07	10.94	6.33	5.99	4.08	3.90	3.32	5.66
5	4.84	4.82	9.75	5.58	8.95	10.67	6.14	5.53	4.34	3.73	3.69	5.64
6	4.70	4.66	9.45	5.52	10.48	10.72	5.95	5.17	4.21	---	3.76	5.73
7	4.56	4.53	9.09	5.49	10.59	10.40	6.13	4.92	4.16	---	3.33	5.70
8	4.53	4.43	8.74	5.45	10.42	9.85	6.74	4.66	4.23	---	3.18	5.09
9	4.60	4.37	8.52	5.56	10.24	9.25	6.66	4.45	6.10	---	---	4.64
10	4.52	4.36	8.56	5.67	9.76	9.18	6.56	4.31	7.20	---	---	4.35
11	4.47	4.34	8.39	5.70	9.27	9.69	6.47	4.20	7.11	---	---	4.11
12	4.39	4.33	8.07	6.07	8.94	9.67	6.34	4.09	7.57	---	---	3.91
13	4.32	4.30	7.83	7.88	9.50	9.38	6.14	4.05	8.16	---	---	3.72
14	4.21	4.29	9.26	9.95	9.70	9.18	5.89	4.07	9.04	---	---	3.56
15	4.12	4.30	9.94	9.86	11.75	8.80	5.65	4.10	9.01	---	---	3.41
16	4.04	4.30	9.78	9.58	13.51	8.31	5.48	3.99	8.34	---	---	3.30
17	3.97	4.28	9.57	9.36	13.56	7.97	5.48	3.93	7.16	---	---	3.23
18	3.93	4.23	9.18	9.23	13.64	7.74	5.59	3.88	6.20	3.37	---	3.30
19	3.90	4.20	8.66	10.38	13.50	8.35	6.11	3.96	5.69	3.40	---	3.69
20	3.89	4.99	8.22	10.75	13.42	8.99	7.25	3.84	5.33	3.51	---	3.64
21	3.87	6.39	7.88	10.82	13.48	8.78	9.62	3.74	5.00	3.75	---	3.47
22	3.86	6.99	7.54	10.95	13.20	8.56	9.74	3.71	4.67	4.70	3.17	3.79
23	3.94	7.19	7.26	11.44	12.61	8.46	9.81	---	4.37	4.81	3.19	4.67
24	4.90	6.88	7.09	11.59	11.85	8.31	9.66	---	4.12	4.59	4.30	4.59
25	5.00	6.47	6.84	11.38	12.18	8.21	9.22	---	3.93	3.99	4.04	4.22
26	4.60	6.15	6.54	11.15	14.08	8.02	9.26	---	4.06	3.80	3.57	4.11
27	4.46	5.83	6.30	10.84	14.10	7.83	9.53	3.79	3.97	3.79	7.31	4.14
28	4.41	5.54	6.15	10.76	13.60	7.56	9.26	3.82	3.82	3.68	10.10	4.02
29	4.37	5.35	6.09	10.91	12.84	7.33	8.78	---	3.74	3.60	9.46	3.84
30	4.29	5.24	5.98	10.82	---	7.17	8.37	---	3.95	3.61	9.37	3.67
31	4.17	---	5.90	10.59	---	7.02	---	---	---	3.78	8.78	---
MEAN	4.48	5.06	8.03	8.59	11.50	9.10	7.27	---	---	---	---	4.43
MAX	6.13	7.19	9.94	11.59	14.10	12.22	9.81	---	---	---	---	7.60
MIN	3.86	4.20	5.51	5.45	8.94	7.02	5.48	---	---	---	---	3.23

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

LOCATION.--Lat 32°35'18", long 89°27'54", in NW4 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: Jan. 12 - Feb. 28, May 7-13, 16-21, June 13-15, 30, July 1-2, 22-25, 29 - Aug. 7, 11-12, 16-22, 27-28, Sept. 14-17. Records good except for estimated daily discharges, which are poor. Discharge computed by combining flow of individually rated channels. National Weather Service telemeter and satellite telemeter at station.

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)
Feb. 16	0400	*2,800	*22.91				

REVISIONS.--Revised daily discharges for the 1983 and 1984 water years are given below. These figures superseded those published in the 1983 and 1984 reports.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	37	1440	815	3370	1530	553	148	200	423	30	28
2	39	40	1280	3020	7260	1380	1760	129	191	264	36	28
3	41	58	1010	4830	8820	864	2330	139	173	177	40	29
4	47	96	6450	5240	6240	641	2140	150	170	140	46	30
5	49	81	16500	1810	2290	12400	775	141	224	119	45	31
6	52	62	13200	754	2960	20000	3540	123	263	105	40	32
7	295	57	7290	470	3520	9050	9680	106	257	100	51	33
8	456	49	2570	466	2430	5260	13000	98	222	94	53	43
9	380	46	691	677	1790	1430	8940	93	188	82	57	42
10	256	46	391	725	6570	604	5320	85	155	75	47	44
11	218	44	1570	627	9160	411	1610	83	137	70	53	37
12	133	49	2660	457	6000	344	636	102	123	65	50	36
13	111	50	3570	353	2680	307	437	103	115	60	36	39
14	167	60	2840	311	955	280	6940	89	114	57	34	59
15	143	59	1510	295	642	266	9440	226	950	54	32	47
16	98	58	1990	266	525	366	6370	2270	615	52	28	39
17	73	68	1950	248	458	645	2490	3180	469	81	25	31
18	53	113	1330	236	405	655	673	2600	666	90	25	32
19	43	192	639	220	370	436	455	2670	658	86	24	31
20	36	265	409	1540	341	355	358	10600	477	122	23	70
21	32	349	319	4840	324	446	279	20100	426	84	23	214
22	31	285	290	8000	1060	371	595	14800	326	66	25	152
23	33	193	526	6390	1640	397	1130	9480	266	64	26	75
24	40	172	703	2130	1440	1870	1170	5670	505	52	25	43
25	34	190	872	698	879	2330	741	1880	655	47	29	30
26	34	195	1340	490	529	2380	396	549	493	41	54	26
27	30	169	2690	1570	404	2400	265	334	716	37	113	24
28	32	915	3990	1830	667	2160	213	290	1120	34	67	23
29	33	1340	4550	1620	---	1340	194	252	975	35	47	22
30	33	1260	2640	1710	---	704	167	231	730	33	37	20
31	37	---	1050	1500	---	625	---	217	---	30	31	---
TOTAL	3096	6598	88260	54138	73729	72247	82597	76938	12579	2839	1252	1390
MEAN	99.9	220	2847	1746	2633	2331	2753	2482	419	91.6	40.4	46.3
MAX	456	1340	16500	8000	9160	20000	13000	20100	1120	423	113	214
MIN	30	37	290	220	324	266	167	83	114	30	23	20
CFSM	.24	.54	6.93	4.25	6.41	5.67	6.70	6.04	1.02	.22	.10	.11
IN.	.28	.60	7.99	4.90	6.67	6.54	7.48	6.96	1.14	.26	.11	.13

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	20	246	795	241	889	242	108	42	14	52	13
2	20	35	179	489	230	467	241	463	35	33	38	13
3	19	28	191	421	245	364	2070	1970	31	15	26	14
4	32	24	537	367	343	324	2400	2930	29	13	37	11
5	43	69	737	327	324	2210	1940	3150	26	12	46	9.6
6	31	87	1610	291	262	3590	780	1600	25	11	60	8.9
7	25	57	1780	257	213	5250	355	410	23	10	60	9.9
8	23	51	1310	228	191	3050	507	247	21	20	55	8.5
9	21	66	638	208	180	861	2200	224	25	62	62	6.7
10	21	50	318	1140	691	467	2660	174	21	49	73	8.6
11	20	43	1780	1840	1670	366	2300	134	20	37	53	7.3
12	19	39	2510	1670	1850	314	845	104	18	33	55	7.0
13	23	35	2920	1010	2720	291	421	90	18	66	70	6.8
14	66	33	2240	529	2880	268	306	83	21	139	107	6.6
15	53	63	1290	432	2330	245	241	168	18	62	93	17
16	41	94	790	491	1620	229	203	162	36	38	116	14
17	37	86	493	461	1970	247	179	91	25	48	69	11
18	34	54	352	646	1810	293	158	69	21	150	137	10
19	30	69	284	1250	994	334	170	61	19	314	96	8.8
20	28	704	234	1140	527	978	261	56	19	80	48	8.2
21	25	719	233	728	385	953	237	65	16	38	78	7.6
22	40	477	1340	454	322	550	221	116	16	24	105	7.3
23	158	1270	1700	517	281	333	240	166	42	17	38	7.0
24	118	2050	1410	1570	248	396	179	130	25	24	33	19
25	67	1930	686	1890	219	837	139	100	20	20	29	16
26	44	1100	387	1530	227	685	112	75	16	18	19	17
27	28	479	380	983	1880	470	113	61	18	17	15	12
28	22	770	2370	521	2270	734	123	175	19	118	14	9.8
29	20	698	3250	375	1930	680	110	314	16	737	15	8.6
30	30	418	5200	330	---	462	104	107	14	585	17	8.0
31	21	---	2950	276	---	309	---	55	---	122	16	---
TOTAL	1180	11618	40345	23166	29053	27446	20057	13658	695	2926	1732	312.2
MEAN	38.1	387	1301	747	1002	885	669	441	23.2	94.4	55.9	10.4
MAX	158	2050	5200	1890	2880	5250	2660	3150	42	737	137	19
MIN	19	20	179	208	180	229	104	55	14	10	14	6.6
CFSM	.09	.94	3.17	1.82	2.44	2.15	1.63	1.07	.06	.23	.14	.03
IN.	.11	1.05	3.65	2.10	2.63	2.48	1.82	1.24	.06	.26	.16	.03

PEARL RIVER BASIN

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	84	144	94	e446	291	391	48	27	e178	e71	81
2	34	216	514	95	e350	229	249	45	25	e179	e60	49
3	31	134	1030	87	e284	192	177	39	34	117	e37	48
4	33	81	917	84	e237	177	138	37	47	74	e31	67
5	29	61	384	78	e325	273	115	36	41	80	e29	68
6	26	53	230	76	e1290	685	101	37	34	60	e23	51
7	25	52	176	74	e1720	576	96	e39	24	38	e48	40
8	24	48	143	75	e1170	365	101	e26	58	28	30	34
9	24	48	137	98	e746	263	100	e26	129	25	23	30
10	24	50	459	113	e469	405	92	e28	78	21	19	28
11	26	53	626	98	e320	949	88	e24	108	19	e35	28
12	26	51	321	e194	e225	639	82	e22	183	18	e39	27
13	26	51	246	e774	e1170	336	83	e22	e851	16	30	31
14	28	50	988	e1380	e2500	223	72	34	e1320	17	56	e26
15	26	50	1270	e1330	e2960	185	73	34	e905	24	52	e22
16	25	51	788	e776	e3370	162	68	e28	304	37	e31	e23
17	27	55	344	e435	e2840	142	56	e26	133	48	e25	e32
18	27	61	219	e375	e2550	139	64	e21	82	82	e29	34
19	30	60	164	e1240	e1800	209	89	e25	67	66	e27	36
20	30	347	134	e1550	e1220	249	842	e34	51	58	e18	42
21	30	589	115	e1590	e643	185	1580	e28	39	38	e18	114
22	33	404	109	e980	e449	157	1290	21	33	e32	e22	112
23	33	229	112	e1060	e325	277	443	18	30	e29	27	41
24	38	149	114	e1360	e357	306	170	17	30	e53	34	40
25	48	109	105	e1120	e1060	226	120	16	22	e227	33	43
26	46	92	94	e700	e2280	180	95	19	23	99	25	63
27	44	85	91	e357	e2230	148	70	29	37	63	e780	60
28	46	77	93	e453	e1190	122	59	34	48	41	e1900	55
29	49	74	115	e626	429	107	53	76	32	e34	1970	42
30	54	87	110	e654	---	294	48	55	e148	e87	1260	34
31	52	---	102	e543	---	730	---	35	---	e100	291	---
TOTAL	1032	3551	10394	18469	34955	9421	7005	979	4943	1988	7073	1401
MEAN	33.3	118	335	596	1205	304	233	31.6	165	64.1	228	46.7
MAX	54	589	1270	1590	3370	949	1580	76	1320	227	1970	114
MIN	24	48	91	74	225	107	48	16	22	16	18	22
CFSM	.08	.29	.82	1.45	2.93	.74	.57	.08	.40	.16	.56	.11
IN.	.09	.32	.94	1.67	3.16	.85	.63	.09	.45	.18	.64	.13

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

	114	300	589	995	1269	1222	1051	542	174	189	105	86.0
MEAN	114	300	589	995	1269	1222	1051	542	174	189	105	86.0
MAX	1433	1657	3025	4061	4111	4089	3233	2482	780	2001	752	1244
(WY)	1976	1958	1962	1990	1990	1980	1973	1983	1989	1940	1982	1979
MIN	4.53	9.20	50.0	95.3	215	189	47.4	26.3	11.8	13.2	9.00	4.13
(WY)	1955	1954	1939	1988	1968	1967	1967	1965	1972	1956	1956	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1939 - 1992
ANNUAL TOTAL	306611	101211	
ANNUAL MEAN	840	277	549
HIGHEST ANNUAL MEAN			1303
LOWEST ANNUAL MEAN			144
HIGHEST DAILY MEAN	13200	Apr 16	32500
LOWEST DAILY MEAN	24	Oct 8	2.7
ANNUAL SEVEN-DAY MINIMUM	25	Oct 6	3.3
INSTANTANEOUS PEAK FLOW		20	Jul 9
INSTANTANEOUS PEAK STAGE		2800	Feb 16
ANNUAL RUNOFF (CFSM)	2.04	22.91	33.00
ANNUAL RUNOFF (INCHES)	27.75	.67	1.34
10 PERCENT EXCEEDS	2120	9.16	18.16
50 PERCENT EXCEEDS	196	76	106
90 PERCENT EXCEEDS	34	26	15

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.45	11.96	12.39	12.15	13.47	13.58	13.76	11.53	11.15	---	11.40	11.72
2	11.37	13.10	14.22	12.18	13.14	13.21	13.18	11.48	11.12	---	11.26	11.46
3	11.32	12.47	16.18	12.09	12.87	12.94	12.66	11.42	11.23	12.01	11.13	11.40
4	11.27	12.08	15.76	12.08	12.69	12.84	12.38	11.38	11.37	11.63	11.05	11.58
5	11.23	11.87	13.79	12.02	13.59	13.36	12.18	11.36	11.36	11.37	11.04	11.58
6	11.21	11.78	13.07	12.00	18.57	14.99	12.08	11.41	11.23	11.23	10.94	11.42
7	11.20	11.73	12.69	11.97	17.88	14.49	12.00	---	11.13	11.12	11.48	11.29
8	11.19	11.69	12.48	11.96	15.55	13.73	12.04	---	11.21	11.04	11.17	11.22
9	11.18	11.67	12.40	12.14	13.89	13.25	12.03	---	11.42	11.03	11.06	11.18
10	11.18	11.69	13.92	12.36	13.21	13.99	11.97	---	11.44	10.97	10.95	11.14
11	11.17	11.69	14.39	12.18	12.92	16.05	11.92	---	11.71	10.94	10.90	11.16
12	11.19	11.66	13.24	12.83	12.76	14.54	11.87	---	12.47	10.90	10.97	11.11
13	11.21	11.63	12.97	16.04	17.60	13.45	11.82	---	---	10.85	11.04	11.22
14	11.20	11.64	16.22	18.02	21.45	12.91	11.77	11.44	---	10.88	11.14	11.03
15	11.22	11.64	16.84	16.32	22.14	12.67	11.81	11.44	---	11.00	11.20	11.04
16	11.23	11.66	14.90	14.16	22.58	12.54	11.75	---	12.41	11.12	10.96	10.98
17	11.26	11.73	13.55	13.20	20.73	12.42	11.60	---	11.86	11.31	10.83	11.05
18	11.27	11.77	12.94	13.41	19.83	12.39	11.72	---	11.61	11.46	10.77	11.17
19	11.33	11.75	12.62	18.28	17.50	12.89	11.83	---	11.60	11.32	10.77	11.26
20	11.32	13.01	12.44	18.88	15.21	13.16	15.59	---	11.35	11.27	10.78	11.18
21	11.32	14.63	12.30	16.81	13.86	12.70	18.24	---	11.19	11.11	10.88	11.12
22	11.34	14.03	12.25	14.94	13.39	12.51	16.52	11.11	11.10	11.04	10.94	11.20
23	11.39	13.06	12.27	16.85	13.25	13.14	13.76	11.07	11.04	11.02	11.08	11.09
24	11.47	12.62	12.27	17.34	13.28	13.34	12.60	11.07	10.98	---	11.11	11.17
25	11.57	12.31	12.20	15.37	16.41	12.95	12.27	11.04	10.96	---	11.11	11.30
26	11.59	12.09	12.11	13.94	20.45	12.64	12.06	11.08	10.96	11.76	11.04	11.48
27	11.59	12.01	12.09	13.30	19.22	12.44	11.81	11.24	11.19	11.46	---	11.50
28	11.65	11.93	12.11	13.86	16.29	12.27	11.68	11.24	11.41	11.23	---	11.43
29	11.65	11.88	12.33	14.91	14.27	12.15	11.61	11.56	11.13	11.12	18.06	11.35
30	11.64	11.99	12.30	14.37	---	13.02	11.55	11.49	---	11.82	16.26	11.28
31	11.67	---	12.23	13.88	---	14.62	---	11.26	---	11.56	12.87	---
MEAN	11.35	12.16	13.27	14.19	16.14	13.26	12.60	---	---	---	---	11.27
MAX	11.67	14.63	16.84	18.88	22.58	16.05	18.24	---	---	---	---	11.72
MIN	11.17	11.63	12.09	11.96	12.69	12.15	11.55	---	---	---	---	10.98

PEARL RIVER BASIN

02484000 YOCKANOOKANY RIVER NEAR KOSCIUSKO, MS

LOCATION.--Lat 33°01'55", long 89°34'40", in NE4NE4 sec.33, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on left bank at downstream side of bridge on State Highway 35, 2.0 mi south of Kosciusko.

DRAINAGE AREA.--303 mi².

PERIOD OF RECORD.--August 1938 to current year. Prior to October 1947, published as Yokahockany River near Kosciusko.

REVISED RECORDS.--WSP 1504: 1946. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is above 374.34 ft above National Geodetic Vertical Datum of 1929. (Levels by U. S. Army Corps of Engineers). Prior to Mar. 28, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Telemeter and satellite telemeter at station.

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. 3	1300	*4,360	*13.69	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	210	141	104	256	301	166	62	26	26	59	58
2	36	214	1600	99	220	238	138	57	23	25	35	44
3	35	139	4070	101	198	200	118	51	34	24	27	53
4	34	88	3200	100	172	184	104	48	64	22	21	186
5	168	71	2090	95	218	328	97	44	72	26	19	162
6	242	66	811	90	558	413	90	39	48	24	67	77
7	116	66	307	89	447	308	193	35	71	21	89	54
8	64	65	217	100	309	237	266	32	61	19	40	41
9	49	64	220	132	231	194	219	30	268	18	36	34
10	43	63	329	124	189	1070	165	29	264	19	27	31
11	40	61	291	105	167	1490	148	29	500	19	38	30
12	38	59	220	184	163	747	113	29	524	19	42	26
13	36	58	459	410	236	347	93	29	447	19	34	23
14	37	57	1460	518	269	250	90	29	373	23	30	23
15	37	57	1670	349	914	203	105	31	213	34	22	20
16	34	57	934	231	1610	170	83	30	110	115	19	19
17	36	59	407	171	1470	148	68	29	74	79	16	34
18	37	59	287	257	1180	316	60	28	56	51	15	31
19	34	66	223	550	613	716	114	37	45	48	14	33
20	33	1320	180	481	376	505	287	48	39	58	14	35
21	33	2140	157	474	283	314	504	37	36	51	18	51
22	58	1030	150	563	234	272	365	29	31	33	17	93
23	144	348	152	860	215	562	192	24	28	63	175	58
24	124	195	174	740	215	541	127	32	27	110	146	38
25	100	136	157	414	686	355	350	28	25	50	56	30
26	77	111	124	295	1620	270	208	25	25	34	34	32
27	67	101	115	284	1660	221	112	23	24	60	597	37
28	65	91	122	456	1040	178	80	23	25	35	1210	35
29	65	88	145	470	440	159	70	29	25	29	924	29
30	62	91	137	379	---	162	63	46	24	210	268	35
31	69	---	117	307	---	192	---	31	---	211	94	---
TOTAL	2054	7230	20666	9532	16189	11591	4788	1073	3582	1575	4203	1452
MEAN	66.3	241	667	307	558	374	160	34.6	119	50.8	136	48.4
MAX	242	2140	4070	860	1660	1490	504	62	524	211	1210	186
MIN	33	57	115	89	163	148	60	23	23	18	14	19
CFSM	.22	.80	2.20	1.01	1.84	1.23	.53	.11	.39	.17	.45	.16
IN.	.25	.89	2.54	1.17	1.99	1.42	.59	.13	.44	.19	.52	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1992, BY WATER YEAR (WY)

	MEAN	81.6	259	580	824	999	965	808	461	159	179	75.2	71.1
MAX	748	1694	3640	3010	2318	3132	3818	2756	966	1241	492	687	
(WY)	1976	1980	1983	1974	1951	1980	1979	1991	1989	1989	1975	1979	
MIN	5.28	15.3	43.5	49.4	173	177	50.4	20.6	11.5	17.3	3.95	4.56	
(WY)	1944	1954	1944	1956	1986	1966	1967	1963	1988	1952	1943	1954	

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1938 - 1992

	ANNUAL TOTAL	304261	83935	
ANNUAL MEAN	834		229	453
HIGHEST ANNUAL MEAN				1217
LOWEST ANNUAL MEAN				90.6
HIGHEST DAILY MEAN	13100	May 28	4070	Dec 3
LOWEST DAILY MEAN	22	Aug 24	14	Aug 19, 20
ANNUAL SEVEN-DAY MINIMUM	26	Sep 12	16	Aug 16
INSTANTANEOUS PEAK FLOW			4360	Dec 3
INSTANTANEOUS PEAK STAGE			13.69	Dec 3
INSTANTANEOUS LOW FLOW			14	Oct 19, 20
ANNUAL RUNOFF (CFSM)	2.75		.76	
ANNUAL RUNOFF (INCHES)	37.35		10.30	
10 PERCENT EXCEEDS	2530		509	1260
50 PERCENT EXCEEDS	206		90	93
90 PERCENT EXCEEDS	35		25	14

LOCATION.--Lat 32°42'20", long 89°40'20", in NE 1/4 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 Orahama, 3.5 mi upstream from mouth, and 8.5 mi southwest of Carthage.

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.

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

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)
Dec. 6	1830	*2,480	*17.53				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	137	111	157	176	585	1440	258	102	49	39	150	840
2	103	139	222	163	495	1150	259	90	45	38	189	485
3	87	212	557	153	400	706	245	86	44	37	108	213
4	75	234	788	148	330	448	222	81	45	37	68	186
5	67	188	1430	146	364	408	200	72	46	36	55	205
6	62	139	2330	143	744	474	182	65	69	34	50	219
7	107	113	2250	138	671	500	194	60	79	33	44	208
8	207	103	1760	135	649	549	214	54	62	34	64	144
9	183	100	1210	144	661	509	268	48	110	33	111	109
10	120	99	672	171	558	492	302	45	157	31	73	86
11	88	95	450	182	411	588	279	44	232	30	61	72
12	73	92	421	202	313	737	238	43	274	29	55	62
13	65	89	426	317	418	1030	215	42	322	29	109	59
14	60	86	721	533	395	1190	188	41	384	29	110	58
15	56	85	738	572	1130	926	167	40	515	30	71	56
16	54	83	947	634	1300	531	158	39	518	31	60	50
17	53	82	1240	609	1140	367	163	38	364	37	53	48
18	51	82	1340	475	1410	341	148	37	200	98	47	46
19	50	80	1100	541	1590	645	134	45	129	97	41	46
20	50	257	674	599	1530	616	130	43	95	70	38	49
21	51	552	405	699	1280	711	192	42	75	65	36	68
22	49	750	291	806	896	788	278	50	62	74	36	111
23	143	1090	246	990	569	666	334	46	55	81	36	198
24	192	1330	226	913	415	499	368	43	48	84	74	239
25	237	1210	211	917	460	487	304	42	43	98	241	156
26	205	709	210	956	977	596	218	42	40	118	218	108
27	163	327	198	860	1050	586	288	44	39	78	639	90
28	133	220	181	676	1280	460	257	43	36	57	855	82
29	111	182	173	560	1470	358	168	43	36	60	752	76
30	101	163	173	560	---	297	123	42	38	79	789	69
31	98	---	182	604	---	267	---	40	---	54	851	---
TOTAL	3231	9002	21929	14722	23491	19362	6694	1592	4211	1680	6084	4438
MEAN	104	300	707	475	810	625	223	51.4	140	54.2	196	148
MAX	237	1330	2330	990	1590	1440	368	102	518	118	855	840
MIN	49	80	157	135	313	267	123	37	36	29	36	46
CFSM	.22	.64	1.51	1.01	1.73	1.33	.48	.11	.30	.12	.42	.32
IN.	.26	.71	1.74	1.17	1.86	1.54	.53	.13	.33	.13	.48	.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1992, BY WATER YEAR (WY)

MEAN	123	334	854	1312	1515	1499	1363	796	237	205	125	95.8
MAX	1073	2132	5617	5142	3433	4278	6209	3690	1142	1461	719	1100
(WY)	1976	1980	1983	1974	1946	1980	1979	1983	1989	1989	1979	1979
MIN	10.6	17.5	50.0	62.8	251	344	108	45.6	18.4	22.0	9.20	7.46
(WY)	1956	1954	1944	1956	1986	1966	1963	1963	1988	1952	1954	1954

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1944 - 1992
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ANNUAL TOTAL	409783		116436			
ANNUAL MEAN	1123		318		701	
HIGHEST ANNUAL MEAN					1868	1983
LOWEST ANNUAL MEAN					131	1963
HIGHEST DAILY MEAN	12900	May 2	2330	Dec 6	40900	Apr 15 1979
LOWEST DAILY MEAN	48	Sep 18	29	Jul 12-14	5.3	Aug 20 1954
ANNUAL SEVEN-DAY MINIMUM	51	Oct 16	30	Jul 10	6.3	Sep 7 1954
INSTANTANEOUS PEAK FLOW			2480	Dec 6	46500	Apr 14 1979
INSTANTANEOUS PEAK STAGE			17.53	Dec 6	28.27	Apr 14 1979
INSTANTANEOUS LOW FLOW			29	Jul 11-15	4.9a	Aug 20 1954
ANNUAL RUNOFF (CFSM)	2.39		.68		1.49	
ANNUAL RUNOFF (INCHES)	32.50		9.24		20.31	
10 PERCENT EXCEEDS	3210		843		1880	
50 PERCENT EXCEEDS	326		163		177	
90 PERCENT EXCEEDS	66		42		27	

a Also occurred on September 11, 1954.

PEARL RIVER BASIN

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.99	6.68	7.21	7.57	10.39	14.36	7.98	6.67	5.85	5.52	6.92	11.75
2	6.57	7.00	7.80	7.43	9.85	13.17	7.99	6.51	5.78	5.49	7.36	9.72
3	6.36	7.75	10.21	7.33	9.23	11.04	7.87	6.46	5.76	5.47	6.45	7.69
4	6.18	7.95	11.48	7.27	8.73	9.54	7.66	6.38	5.77	5.47	5.89	7.43
5	6.06	7.52	14.25	7.25	8.95	9.28	7.46	6.25	5.80	5.44	5.66	7.62
6	5.97	7.01	17.15	7.22	11.26	9.72	7.29	6.14	6.19	5.40	5.57	7.75
7	6.58	6.70	16.97	7.15	10.87	9.88	7.41	6.05	6.34	5.36	5.46	7.64
8	7.70	6.58	15.49	7.13	10.76	10.17	7.59	5.95	6.09	5.38	5.77	7.00
9	7.47	6.54	13.40	7.22	10.82	9.93	8.08	5.84	6.74	5.36	6.49	6.58
10	6.79	6.52	10.85	7.51	10.22	9.83	8.37	5.78	7.32	5.31	5.97	6.28
11	6.37	6.47	9.56	7.63	9.30	10.41	8.17	5.77	8.03	5.28	5.76	6.06
12	6.15	6.43	9.37	7.81	8.60	11.22	7.81	5.74	8.38	5.25	5.66	5.90
13	6.02	6.38	9.40	8.73	9.34	12.65	7.60	5.71	8.74	5.24	6.43	5.85
14	5.95	6.34	11.14	10.08	9.20	13.33	7.35	5.70	9.16	5.24	6.47	5.83
15	5.88	6.33	11.24	10.31	12.95	12.15	7.13	5.68	9.97	5.25	5.93	5.80
16	5.84	6.30	12.26	10.67	13.78	10.04	7.04	5.65	9.99	5.27	5.75	5.70
17	5.82	6.29	13.53	10.53	13.13	8.90	7.09	5.64	8.96	5.40	5.62	5.65
18	5.79	6.28	13.97	9.74	14.22	8.69	6.93	5.62	7.63	6.39	5.51	5.63
19	5.76	6.26	12.96	10.13	14.90	10.73	6.78	5.77	6.89	6.38	5.41	5.62
20	5.76	7.93	10.87	10.47	14.69	10.57	6.74	5.74	6.46	5.99	5.34	5.68
21	5.78	10.19	9.31	11.03	13.70	11.09	7.44	5.72	6.17	5.90	5.30	5.98
22	5.75	11.28	8.54	11.58	12.01	11.50	8.29	5.87	5.97	6.05	5.29	6.61
23	6.98	12.91	8.20	12.47	10.29	10.84	8.78	5.80	5.85	6.14	5.29	7.54
24	7.56	13.90	8.04	12.11	9.33	9.86	9.06	5.75	5.73	6.18	5.89	7.93
25	7.98	13.43	7.90	12.13	9.59	9.77	8.60	5.72	5.63	6.37	7.82	7.13
26	7.69	11.04	7.89	12.31	12.40	10.45	7.92	5.72	5.57	6.62	7.61	6.57
27	7.28	8.69	7.78	11.85	12.74	10.40	8.49	5.76	5.53	6.08	10.43	6.34
28	6.94	7.82	7.61	10.90	13.69	9.58	8.24	5.74	5.48	5.74	11.82	6.23
29	6.67	7.47	7.53	10.24	14.45	8.83	7.43	5.74	5.46	5.78	11.31	6.15
30	6.55	7.27	7.54	10.24	---	8.33	6.94	5.71	5.50	6.07	11.50	6.04
31	6.51	---	7.63	10.50	---	8.06	---	5.68	---	5.67	11.81	---
MEAN	6.51	7.98	10.55	9.50	11.36	10.46	7.72	5.88	6.76	5.69	6.89	6.79
MAX	7.98	13.90	17.15	12.47	14.90	14.36	9.06	6.67	9.99	6.62	11.82	11.75
MIN	5.75	6.26	7.21	7.13	8.60	8.06	6.74	5.62	5.46	5.24	5.29	5.62

WTR YR 1992 MEAN 8.00 MAX 17.15 MIN 5.24

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 heights only).

GAGE.--Water-stage recorder. Datum of gage is 290.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Satellite telemeter and National Weather Service telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 24.49 ft, May 23, 1983, minimum, 3.82 ft, Oct. 1, 1988.

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, 11.79 ft, Feb. 27, minimum, 5.90 ft, Nov. 29.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6.95	6.02	5.99	7.66	9.47	6.68	7.14	6.97	7.46	7.49	8.18
2	---	6.79	6.31	6.02	7.35	8.84	6.40	7.17	7.00	7.53	7.48	7.75
3	7.26	6.78	7.13	6.04	7.11	8.26	6.23	7.13	7.13	7.48	7.43	7.53
4	7.29	6.75	7.65	6.04	6.86	7.67	6.23	7.08	7.15	7.39	7.39	7.39
5	7.27	6.72	7.83	6.05	6.76	7.42	6.10	7.06	7.13	7.38	7.38	7.38
6	7.19	6.68	8.07	6.08	7.77	7.64	6.09	6.95	7.17	7.38	7.43	7.41
7	7.16	6.61	8.31	6.10	8.93	7.88	6.15	6.98	7.12	7.34	7.37	7.44
8	7.16	6.54	7.98	6.05	8.78	7.63	6.14	7.03	7.17	7.42	7.36	7.45
9	7.14	6.51	7.48	6.01	8.10	7.25	6.19	7.03	7.22	7.42	7.36	7.42
10	7.15	6.47	6.97	6.01	7.55	7.06	6.21	7.03	7.34	7.40	7.34	7.40
11	7.13	6.46	6.87	6.03	7.13	7.24	6.18	7.02	7.46	7.34	7.33	7.33
12	7.10	6.44	6.84	6.14	6.85	7.65	6.13	7.05	7.60	7.29	7.31	7.30
13	7.07	6.42	6.72	6.67	7.19	7.58	6.04	7.02	7.87	7.25	7.33	7.30
14	7.08	6.40	7.14	7.97	8.48	7.55	6.06	7.00	8.14	7.23	7.34	7.30
15	7.05	6.36	8.04	8.39	9.56	7.36	6.09	6.99	8.27	7.21	7.32	7.27
16	7.03	6.31	8.23	8.04	11.30	6.85	6.11	7.00	8.08	7.25	7.30	7.27
17	7.03	6.28	8.05	7.50	11.61	6.61	6.08	6.99	7.74	7.25	7.27	7.31
18	7.01	6.26	7.72	7.08	11.45	6.57	6.08	6.98	7.52	7.26	7.24	7.35
19	6.99	6.21	7.37	7.62	11.18	6.62	5.98	6.99	7.44	7.27	7.23	7.35
20	6.97	6.33	6.91	8.72	10.67	6.88	6.06	6.99	7.42	7.29	7.25	7.39
21	6.96	6.28	6.57	8.99	9.90	6.97	7.17	6.97	7.30	7.30	7.25	7.43
22	6.95	6.59	6.38	8.76	9.25	7.00	8.30	6.95	7.23	7.44	7.26	7.48
23	7.02	6.75	6.35	8.59	8.72	6.84	8.42	6.95	7.24	7.56	7.27	7.37
24	7.05	6.81	6.22	8.84	8.18	6.77	7.64	6.96	7.24	7.47	7.26	7.24
25	7.01	6.74	6.14	8.88	7.93	6.76	7.29	6.93	7.26	7.43	7.23	7.12
26	6.98	6.44	6.13	8.48	9.91	6.68	7.12	6.97	7.27	7.47	7.14	7.06
27	6.94	6.09	6.07	8.08	11.51	6.60	7.18	6.92	7.21	7.50	8.37	6.95
28	6.93	5.97	6.07	7.79	11.61	6.46	7.28	6.97	7.21	7.50	9.91	6.92
29	6.94	5.94	6.08	7.94	10.55	6.40	7.22	7.04	7.23	7.50	10.49	6.89
30	6.90	5.97	6.06	8.08	---	6.41	7.13	7.00	7.38	7.52	9.88	6.89
31	6.88	---	6.02	7.93	---	6.55	---	6.97	---	7.53	9.11	---
MEAN	---	6.46	6.96	7.32	8.96	7.21	6.60	7.01	7.38	7.39	7.68	7.33
MAX	---	6.95	8.31	8.99	11.61	9.47	8.42	7.17	8.27	7.56	10.49	8.18
MIN	---	5.94	6.02	5.99	6.76	6.40	5.98	6.92	6.97	7.21	7.14	6.89

02485700 HANGING MOSS CREEK AT JACKSON, MS

LOCATION.--Lat 32°21'57", long 90°08'57", in NW sec.13, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, on left bank of Hanging Moss Creek, 600 ft east of Old Canton Road, at Parham Bridges Park, 0.7 mi upstream from Whiteoak Creek, and 1.4 mi upstream from the mouth.

DRAINAGE AREA.--16.8 mi².

PERIOD OF RECORD.--October 1952 to September 1980 (annual maximums only). October 1980 to current year.

REVISED RECORDS.--WDR MS-85-1: 1984, WDR MS-90-1: 1983.

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: Nov. 19 - Dec. 8, Mar. 16-31, Apr. 7 - May 22, June 25 - July 15. Records fair except for estimated daily discharges, which are poor. Telemeter and satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.33	28	e3.0	.30	6.2	3.9	5.5	e.28	.36	e1.1	.43	.57
2	.34	4.2	e340	.40	4.8	3.5	3.7	e.28	.41	e.46	.34	11
3	.30	1.2	e25	.43	4.0	3.3	2.1	e.27	14	e1.4	.44	14
4	.25	.52	e6.6	.28	3.9	3.1	1.1	e.41	4.3	e2.1	.91	3.8
5	2.8	.37	e3.0	.27	190	188	.79	e.36	.77	e.38	24	1.6
6	1.0	.30	e1.3	.28	34	17	1.4	e.25	1.4	e.35	5.5	.59
7	.28	.29	e.90	.28	11	9.2	e1.7	e.24	9.6	e.33	1.0	.34
8	.21	.42	e.52	2.9	6.9	6.6	e.30	e.23	11	e.32	1.8	.22
9	.21	.28	96	1.3	5.4	5.5	e.28	e.22	4.3	e.30	.83	.19
10	.25	.28	19	.54	4.6	8.7	e.36	e.22	.93	e.40	.35	.18
11	.30	.30	6.8	.34	4.7	5.4	e.27	e.21	34	e.39	.33	.16
12	.24	.30	4.9	182	32	3.6	e.25	e.48	32	e.35	9.3	.17
13	.22	.30	217	87	323	2.3	e.24	e.67	9.1	e.32	4.8	.17
14	.22	.30	74	20	21	1.4	e.23	e.32	2.8	e.25	1.2	.16
15	.22	.28	9.3	7.1	26	1.1	e.22	e.30	103	e1.9	.74	.16
16	.22	.30	5.9	4.7	11	e.96	e.61	e.28	4.7	.64	.98	.16
17	.22	.50	4.9	3.5	49	e1.1	e.98	e.26	1.8	6.0	1.3	4.7
18	.22	.34	3.8	117	14	e19	e.61	e.66	.87	2.2	1.0	2.6
19	.22	e59	2.4	62	8.4	e22	e.38	e.30	2.7	2.3	.23	41
20	.22	e161	1.3	13	6.2	e4.0	e8.9	e.25	12	.82	8.4	11
21	.23	e4.5	1.0	8.0	5.1	e1.2	e.63	e.30	2.7	.18	2.8	6.2
22	1.1	e3.0	.89	84	5.4	e.76	e.29	e.21	.82	55	1.5	9.8
23	6.9	e.63	1.3	32	4.6	e.67	e.78	.27	.63	99	1.7	2.5
24	12	e.36	.97	9.3	4.3	e.68	e.34	2.4	.69	5.2	1.4	.52
25	6.2	e.27	.64	6.3	12	e.82	e.32	.17	e1.3	3.4	.80	28
26	1.9	e.27	.46	4.9	12	e.67	e.31	14	e1.9	3.1	114	31
27	.91	e.27	.42	23	6.8	e.65	e.30	3.3	e1.4	2.1	320	4.7
28	2.7	e.27	.70	82	5.2	e.56	e.30	15	e.93	6.8	7.8	2.0
29	1.2	e.27	.38	15	4.5	e.52	e.29	1.7	e4.4	3.9	4.0	.62
30	1.2	e.52	.33	10	---	e123	e.29	.42	e44	2.4	1.9	.34
31	14	---	.30	8.2	---	e12	---	.33	---	1.0	.96	---
TOTAL	56.61	268.84	833.01	786.32	826.0	451.19	33.77	44.59	308.81	204.39	520.74	178.45
MEAN	1.83	8.96	26.9	25.4	28.5	14.6	1.13	1.44	10.3	6.59	16.8	5.95
MAX	14	161	340	182	323	188	8.9	15	103	99	320	41
MIN	.21	.27	.30	.27	3.9	.52	.22	.17	.36	.18	.23	.16
CFSM	.11	.53	1.60	1.51	1.70	.87	.07	.09	.61	.39	1.00	.35
IN.	.13	.60	1.84	1.74	1.83	1.00	.07	.10	.68	.45	1.15	.40

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1992, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	12.8	28.3	40.3	34.9	47.7	37.5	38.2	18.7	11.0	10.2	10.6	4.92
MAX	57.3	95.6	201	123	112	71.4	159	49.5	33.4	35.9	31.1	12.2
(WY)	1986	1990	1983	1990	1987	1983	1983	1990	1989	1989	1982	1989
MIN	.46	3.29	1.59	1.47	7.40	14.6	1.13	1.17	1.57	1.48	.98	1.52
(WY)	1990	1981	1981	1981	1981	1992	1992	1982	1985	1987	1991	1983

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1981 - 1992
ANNUAL TOTAL	9649.84	4512.72	
ANNUAL MEAN	26.4	12.3	24.5
HIGHEST ANNUAL MEAN			57.5
LOWEST ANNUAL MEAN			11.1
HIGHEST DAILY MEAN	1180	340	1780
LOWEST DAILY MEAN	.20	.16	.01
ANNUAL SEVEN-DAY MINIMUM	.22	.17	.11
INSTANTANEOUS PEAK FLOW		1240	5320
INSTANTANEOUS PEAK STAGE		14.20	26.00
INSTANTANEOUS LOW FLOW		.12	.01b
ANNUAL RUNOFF (CFSM)	1.57	.73	1.46
ANNUAL RUNOFF (INCHES)	21.37	9.99	19.77
10 PERCENT EXCEEDS	30	22	36
50 PERCENT EXCEEDS	2.1	1.2	2.3
90 PERCENT EXCEEDS	.27	.25	.46

a Also occurred September 14-16, 1992.

b Also occurred on September 19, 1988.

02485700 HANGING MOSS CREEK AT JACKSON, MS

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.45	9.22	---	8.44	8.88	8.77	8.85	8.67	8.46	8.80	8.48	8.51
2	8.45	8.78	---	8.47	8.82	8.74	8.75	8.66	8.47	8.61	8.45	8.68
3	8.44	8.59	---	8.48	8.77	8.72	8.65	8.67	9.00	8.59	8.48	9.07
4	8.42	8.50	---	8.43	8.76	8.70	8.58	8.70	8.78	8.75	8.55	8.76
5	8.63	8.46	---	8.43	10.06	10.04	8.54	8.69	8.53	8.52	8.90	8.62
6	8.55	8.44	---	8.44	9.36	9.17	8.59	8.65	8.58	8.53	8.82	8.51
7	8.43	8.44	---	8.43	9.04	8.99	8.75	8.64	8.79	8.52	8.57	8.45
8	8.40	8.47	---	8.67	8.91	8.90	8.76	8.65	8.96	8.48	8.61	8.41
9	8.40	8.43	9.31	8.60	8.85	8.85	8.73	8.64	8.78	8.62	8.53	8.39
10	8.42	8.44	9.17	8.50	8.81	8.97	8.76	8.66	8.55	8.72	8.46	8.38
11	8.44	8.44	8.91	8.45	8.81	8.84	8.74	8.75	9.23	8.73	8.45	8.37
12	8.42	8.44	8.82	9.89	9.01	8.74	8.74	8.79	9.15	8.74	8.74	8.37
13	8.41	8.44	10.01	9.64	10.69	8.67	8.75	8.80	8.97	8.73	8.80	8.37
14	8.41	8.44	9.57	9.19	9.24	8.61	8.76	8.74	8.69	8.64	8.59	8.37
15	8.41	8.43	8.99	8.92	9.31	8.58	8.62	8.76	9.60	8.55	8.54	8.36
16	8.41	8.44	8.87	8.81	9.05	8.59	8.54	8.77	8.81	8.49	8.57	8.37
17	8.41	8.49	8.82	8.74	9.46	8.70	8.71	8.78	8.64	8.69	8.60	8.61
18	8.41	8.45	8.76	9.63	9.10	9.01	8.73	8.81	8.55	8.64	8.57	8.68
19	8.41	---	8.67	9.54	8.97	9.15	8.76	8.70	8.59	8.57	8.41	8.84
20	8.41	---	8.60	9.09	8.88	8.92	9.16	8.73	9.02	8.51	8.88	8.99
21	8.41	---	8.57	8.96	8.83	8.81	8.89	8.78	8.69	8.38	8.69	8.81
22	8.48	---	8.56	9.53	8.85	8.81	8.72	8.61	8.55	8.75	8.60	8.99
23	8.87	---	8.59	9.33	8.81	8.83	8.51	8.43	8.52	9.56	8.61	8.67
24	9.00	---	8.57	9.00	8.79	8.83	8.57	8.62	8.53	8.83	8.56	8.50
25	8.87	---	8.52	8.89	9.05	8.85	8.61	8.37	8.62	8.73	8.53	8.75
26	8.64	---	8.49	8.82	9.06	8.82	8.64	9.00	8.76	8.71	9.22	9.25
27	8.55	---	8.47	9.09	8.91	8.82	8.65	8.72	8.77	8.64	10.58	8.81
28	8.64	---	8.53	9.67	8.84	8.80	8.66	9.04	8.78	8.90	8.94	8.64
29	8.59	---	8.46	9.13	8.80	8.79	8.67	8.62	8.88	8.76	8.77	8.52
30	8.58	---	8.45	9.03	---	9.69	8.68	8.47	9.41	8.67	8.64	8.45
31	9.00	---	8.44	8.96	---	9.01	---	8.45	---	8.57	8.57	---
MEAN	8.53	---	---	8.94	9.06	8.89	8.70	8.69	8.79	8.68	8.70	8.62
MAX	9.00	---	---	9.89	10.69	10.04	9.16	9.04	9.60	9.56	10.58	9.25
MIN	8.40	---	---	8.43	8.76	8.58	8.51	8.37	8.46	8.38	8.41	8.36

PEARL RIVER BASIN

02486000 PEARL RIVER AT JACKSON, MS

LOCATION.--Lat 32°16'54", long 90°10'43", in NEWNEW 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 1912 (prior to October 1901 and for 1913 water year, 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: 1984.

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. Statistics shown below are for water years 1962 to current year except instantaneous extremes, which are shown for the entire period of record. Satellite telemeter and National Weather Service telemeter at station.

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 36 $\frac{1}{2}$ 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.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	642	1280	1730	1340	4730	8110	1930	430	208	404	186	4640
2	622	1130	5060	876	3570	5820	1870	313	206	915	396	2390
3	593	706	6370	781	2140	4770	1770	460	411	1070	473	2500
4	646	638	5760	770	2940	4270	981	301	260	1390	245	1930
5	680	772	5240	712	4150	5180	888	289	216	525	249	1310
6	675	856	3600	528	5570	5160	1250	309	205	221	1220	425
7	659	894	4030	515	6640	4380	1300	292	230	185	870	502
8	642	860	4620	1940	6600	4130	1290	270	289	179	246	561
9	639	889	4080	1560	5200	3880	1290	257	278	168	201	601
10	630	976	4880	810	3160	2440	1280	257	210	165	198	595
11	627	660	3560	742	3100	2780	1280	254	879	166	180	576
12	625	812	2530	2350	2870	3390	1280	263	1410	166	325	512
13	623	820	3170	4340	6670	3510	1630	264	2380	160	306	255
14	623	819	7010	5290	7950	2670	699	257	3390	170	188	218
15	617	1020	6670	6900	8680	3300	368	248	3500	239	181	207
16	621	1080	5890	5960	8970	3320	331	248	3050	217	177	202
17	615	1090	4420	3500	9880	1710	548	254	2580	201	174	289
18	607	1080	4630	4880	10400	2130	707	278	1100	213	165	252
19	610	1180	3610	6700	10100	3630	2290	267	640	181	168	281
20	607	4110	2930	6520	8950	2090	1830	244	1170	183	282	710
21	603	4100	1890	7870	7430	1960	1480	270	1150	171	205	288
22	602	2240	2140	7150	6770	2520	667	242	625	166	201	587
23	631	2080	1310	7040	4790	3530	1130	237	270	2410	205	1660
24	1270	2430	1740	6330	5070	2350	3260	234	217	1640	185	2260
25	1580	2370	1770	5880	5000	1650	1840	241	199	643	184	2220
26	1240	2480	1040	5820	4950	2640	1080	357	198	365	622	3430
27	1130	2290	1530	5400	7940	2030	617	270	197	233	7140	1670
28	713	1120	1210	6840	9530	1880	660	418	191	342	8780	640
29	645	948	830	6130	9560	1070	1490	241	288	227	9260	358
30	917	786	1220	6160	---	2930	1210	217	1110	416	9610	218
31	1190	---	1360	4580	---	3190	---	213	---	225	7230	---
TOTAL	23124	42516	105830	126214	183310	102420	38246	8695	27057	13956	50052	32287
MEAN	746	1417	3414	4071	6321	3304	1275	280	902	450	1615	1076
MAX	1580	4110	7010	7870	10400	8110	3260	460	3500	2410	9610	4640
MIN	593	638	830	515	2140	1070	331	213	191	160	165	202
CFSM	.24	.45	1.08	1.28	1.99	1.04	.40	.09	.28	.14	.51	.34
IN.	.27	.50	1.24	1.48	2.15	1.20	.45	.10	.32	.16	.59	.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1992, BY WATER YEAR (WY)

	MEAN	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
MEAN	1057	1966	6158	8642	8753	9711	9819	5351	1458	1055	965	807
MAX	8174	6663	26640	28310	24940	23560	34330	22880	6041	6454	7996	6790
(WY)	1976	1980	1983	1974	1983	1980	1979	1983	1989	1989	1975	1979
MIN	94.7	85.3	271	653	1532	1728	448	280	133	180	197	138
(WY)	1964	1964	1963	1986	1986	1967	1986	1992	1963	1984	1969	1963

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1962 - 1992
ANNUAL TOTAL	2412327	753707	4627
ANNUAL MEAN	6609	2059	12000
HIGHEST ANNUAL MEAN			942
LOWEST ANNUAL MEAN			1983
HIGHEST DAILY MEAN	45600	May 5	126000
LOWEST DAILY MEAN	245	Sep 22	45
ANNUAL SEVEN-DAY MINIMUM	280	Sep 11	63
INSTANTANEOUS PEAK FLOW			128000
INSTANTANEOUS PEAK STAGE			43.28
ANNUAL RUNOFF (CFSM)	2.08		1.46
ANNUAL RUNOFF (INCHES)	28.30		19.82
10 PERCENT EXCEEDS	20900	5880	13500
50 PERCENT EXCEEDS	2340	1030	1250
90 PERCENT EXCEEDS	378	208	248

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.79	6.82	7.73	6.78	12.99	19.66	8.23	4.08	3.44	4.20	3.34	13.73
2	5.73	6.60	14.46	5.51	11.29	15.88	8.08	3.66	3.43	5.75	4.16	9.23
3	5.51	5.56	16.87	5.23	8.70	14.00	7.83	4.19	4.21	6.18	4.45	9.51
4	4.94	5.45	15.75	5.20	10.45	13.07	5.78	3.62	3.65	6.97	3.59	8.23
5	4.92	5.88	14.85	5.02	12.78	14.69	5.53	3.57	3.47	4.59	3.57	6.75
6	4.91	6.13	11.77	4.43	15.43	14.71	6.53	3.65	3.42	3.49	6.54	4.27
7	4.85	6.24	12.60	4.39	17.34	13.26	6.67	3.58	3.53	3.34	5.61	4.54
8	4.80	6.15	13.72	8.19	17.28	12.80	6.66	3.50	3.77	3.31	3.59	4.74
9	4.79	6.14	12.71	7.30	14.75	12.32	6.64	3.44	3.72	3.26	3.41	4.87
10	4.77	5.88	14.20	5.32	10.89	9.35	6.62	3.44	3.45	3.25	3.39	4.85
11	4.75	4.86	11.70	5.11	10.79	10.04	6.61	3.43	5.51	3.25	3.31	4.79
12	4.75	5.32	9.56	8.93	10.30	11.36	6.63	3.47	7.02	3.25	3.82	4.57
13	4.74	5.35	10.79	13.19	17.31	11.61	7.51	3.47	9.24	3.22	3.83	3.64
14	4.74	5.34	18.00	14.93	19.51	9.84	4.96	3.44	11.36	3.27	3.35	3.48
15	4.72	5.93	17.41	17.80	20.47	11.18	3.87	3.41	11.58	3.55	3.32	3.43
16	4.73	6.09	15.99	16.13	20.84	11.22	3.74	3.41	10.69	3.47	3.30	3.41
17	4.72	6.11	13.35	11.47	21.91	7.68	4.48	3.43	9.67	3.40	3.29	3.75
18	4.69	6.10	13.75	13.30	22.40	8.64	5.00	3.52	6.23	3.46	3.25	3.62
19	4.70	6.34	11.74	16.16	22.16	11.81	9.02	3.48	4.97	3.32	3.26	3.71
20	4.69	12.68	10.43	15.82	20.80	8.59	7.98	3.39	6.42	3.33	3.72	5.18
21	4.68	12.67	8.12	18.08	18.71	8.31	7.09	3.49	6.39	3.27	3.42	3.76
22	4.68	8.92	8.70	16.94	17.58	9.54	4.88	3.38	4.92	3.25	3.40	4.76
23	4.77	8.57	6.70	16.73	13.99	11.63	6.10	3.36	3.69	9.24	3.43	7.61
24	6.56	9.36	7.75	15.49	14.54	9.18	11.09	3.35	3.48	7.52	3.34	8.99
25	7.38	9.23	7.84	14.68	14.42	7.55	8.00	3.38	3.40	4.99	3.33	8.89
26	6.51	9.47	5.98	14.57	14.30	9.80	6.08	3.89	3.39	4.04	4.50	11.45
27	6.23	9.04	7.25	13.82	19.43	8.46	4.72	3.69	3.39	3.54	18.17	7.61
28	5.02	6.17	6.41	16.42	21.53	8.11	4.85	4.24	3.36	3.97	20.61	4.98
29	4.81	5.71	5.38	15.19	21.56	6.04	7.15	3.58	3.73	3.52	21.18	4.02
30	5.63	5.24	6.46	15.33	---	10.20	6.43	3.48	6.24	4.24	21.59	3.48
31	6.44	---	6.83	12.58	---	10.92	---	3.46	---	3.51	18.33	---
MEAN	5.19	6.98	11.12	11.61	16.36	11.01	6.49	3.56	5.36	4.16	6.37	5.86
MAX	7.38	12.68	18.00	18.08	22.40	19.66	11.09	4.24	11.58	9.24	21.59	13.73
MIN	4.68	4.86	5.38	4.39	8.70	6.04	3.74	3.35	3.36	3.22	3.25	3.41
CAL YR 1991	MEAN	12.89										
WTR YR 1992	MEAN	7.81										
			MAX 35.03	MIN 4.68								
			MAX 22.40	MIN 3.22								

02488000 PEARL RIVER AT ROCKPORT, MS

LOCATION.--Lat 31°47'25", long 90°08'35", in SW4 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.--October 1938 to September 1951, (monthly discharge only prior to June 1939), 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. Flow regulated since September 27, 1961 by Ross R. Barnett, about 80 mi upstream. Statistics shown below are for water years 1985 to current year, except instantaneous extremes, which are shown for the entire period of record. Telemeter and satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1979, reached a stage of 42.83 ft. 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)
Aug. 27	1245	*19,900	*21.89	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1850	1860	1780	1670	6550	11300	4120	2080	588	1700	940	10900
2	1390	2130	6070	1730	5930	10800	2910	1520	551	1660	1010	7470
3	1190	1810	13300	1530	5100	8550	2460	1040	572	1220	737	4610
4	1130	1480	12700	1190	3490	6700	2370	897	658	1570	819	4010
5	978	1110	9840	1090	7640	6770	1960	933	810	1910	865	3570
6	786	1120	7760	1060	14100	10600	1380	807	683	1690	685	2940
7	735	1260	5630	968	13300	9770	1770	738	599	1070	871	1940
8	710	1320	5080	862	10800	7660	2230	723	601	736	1570	1280
9	686	1320	5800	1430	9490	6180	1970	707	610	591	1190	1190
10	668	1300	7030	2360	7630	8700	1880	672	663	531	778	1200
11	664	1290	7710	1630	5350	9910	1850	640	780	497	650	1180
12	650	1080	6430	1470	4580	7670	1850	630	1070	472	774	1170
13	643	823	4810	4970	5880	6330	1840	629	2610	463	779	1110
14	626	910	10500	8560	11200	5300	2030	619	3160	448	1110	981
15	627	940	13000	9100	13200	4520	1790	615	5280	483	1080	768
16	623	986	11300	9000	14700	4210	1200	605	5200	589	762	671
17	611	1200	9200	8070	14900	4530	968	583	4200	757	602	657
18	613	1250	6840	6250	16200	3340	955	567	3590	680	527	671
19	612	1250	6080	12900	15900	4870	1260	563	2340	778	489	779
20	607	1770	5280	13600	14400	6100	3920	577	1430	716	483	1050
21	605	5340	4020	10700	12500	4220	7890	580	1460	863	637	1580
22	605	6220	3080	10200	10600	3250	5820	542	1650	936	688	1960
23	616	4160	2700	11400	9260	3880	3400	546	1430	786	634	1960
24	788	2840	2280	10900	7400	5090	2210	534	1010	1560	582	2010
25	983	2880	2040	9090	7290	4090	3820	508	712	2770	786	2850
26	1730	2770	2410	7690	9740	2980	3370	548	623	1950	1080	3530
27	1700	2860	1860	6930	10100	3100	2310	625	670	1480	16500	4310
28	1440	2790	1690	8410	10600	3170	1600	805	670	1140	17900	3220
29	1200	1920	1860	9800	11100	2680	1290	784	621	833	16000	1850
30	874	1480	1440	8960	---	2210	1590	856	891	865	15100	1250
31	1060	---	1310	8110	---	2590	---	688	---	739	14800	---
TOTAL	28000	59469	180830	191630	288930	181070	74013	23161	45732	32483	101428	72667
MEAN	903	1982	5833	6182	9963	5841	2467	747	1524	1048	3272	2422
MAX	1850	6220	13300	13600	16200	11300	7890	2080	5280	2770	17900	10900
MIN	605	823	1310	862	3490	2210	955	508	551	448	483	657
CFSM	.20	.44	1.28	1.36	2.19	1.28	.54	.16	.33	.23	.72	.53
IN.	.23	.49	1.48	1.56	2.36	1.48	.60	.19	.37	.27	.83	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	1199	3826	5716	10150	14710	11750	8324	7988
MAX	2885	6543	11960	32180	38420	24140	30040	31840
(WY)	1986	1987	1988	1989	1990	1991	1992	1993
MIN	428	594	848	1424	2741	5841	1215	747
(WY)	1991	1992	1993	1994	1995	1996	1997	1998

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1985 - 1992

	1991	1992	1985-1992
ANNUAL TOTAL	3618358	1279413	6080
ANNUAL MEAN	9913	3496	9752
HIGHEST ANNUAL MEAN			2418
LOWEST ANNUAL MEAN			1988
HIGHEST DAILY MEAN	64500	May 5	64500
LOWEST DAILY MEAN	573	Sep 18	319
ANNUAL SEVEN-DAY MINIMUM	610	Oct 17	329
INSTANTANEOUS PEAK FLOW			65000
INSTANTANEOUS PEAK STAGE			35.66
INSTANTANEOUS LOW FLOW			267
ANNUAL RUNOFF (CFSM)	2.18	.77	1.33
ANNUAL RUNOFF (INCHES)	29.54	10.45	18.13
10 PERCENT EXCEEDS	34200	9860	16800
50 PERCENT EXCEEDS	3410	1650	2100
90 PERCENT EXCEEDS	773	614	513

02488000 PEARL RIVER AT ROCKPORT, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.66	8.67	8.54	8.36	13.48	16.89	11.35	8.55	5.93	7.98	6.52	16.19
2	7.87	9.09	12.98	8.46	12.97	16.54	10.10	7.64	5.86	7.92	6.65	13.65
3	7.48	8.58	18.15	8.11	12.25	15.00	9.55	6.74	5.90	7.12	6.11	11.27
4	7.36	8.02	17.81	7.48	10.73	13.60	9.43	6.45	6.08	7.77	6.27	10.72
5	7.06	7.33	15.91	7.29	14.15	13.64	8.82	6.53	6.38	8.32	6.36	10.28
6	6.68	7.35	14.41	7.23	18.63	16.41	7.84	6.28	6.12	7.96	6.00	9.61
7	6.58	7.61	12.71	7.04	18.13	15.86	8.49	6.15	5.95	6.82	6.37	8.25
8	6.53	7.72	12.24	6.84	16.59	14.34	9.17	6.12	5.95	6.16	7.71	7.11
9	6.48	7.73	12.86	7.86	15.67	13.18	8.76	6.09	5.97	5.86	7.00	6.94
10	6.45	7.69	13.86	9.41	14.31	15.07	8.58	6.03	6.07	5.74	6.18	6.96
11	6.44	7.67	14.38	8.28	12.47	15.96	8.51	5.97	6.30	5.67	5.92	6.92
12	6.41	7.25	13.37	7.98	11.79	14.35	8.46	5.95	6.87	5.62	6.17	6.89
13	6.40	6.76	11.99	12.05	12.86	13.29	8.42	5.95	9.37	5.59	6.18	6.77
14	6.36	6.93	16.33	15.01	16.82	12.43	8.68	5.93	10.02	5.56	6.84	6.52
15	6.36	6.99	17.98	15.40	18.08	11.72	8.25	5.93	12.01	5.63	6.77	6.10
16	6.36	7.08	16.90	15.33	18.99	11.44	7.17	5.91	11.96	5.85	6.14	5.90
17	6.33	7.50	15.47	14.64	19.13	11.74	6.69	5.87	11.05	6.19	5.81	5.87
18	6.33	7.60	13.70	13.21	19.85	10.57	6.63	5.84	10.45	6.02	5.66	5.89
19	6.33	7.60	13.09	17.91	19.68	12.03	7.20	5.83	8.99	6.22	5.58	6.11
20	6.32	8.45	12.40	18.34	18.80	13.11	10.33	5.87	7.55	6.09	5.56	6.64
21	6.32	12.42	11.26	16.52	17.67	11.44	14.03	5.88	7.60	6.39	5.87	7.65
22	6.32	13.21	10.29	16.13	16.40	10.48	12.36	5.80	7.93	6.53	5.98	8.26
23	6.34	11.38	9.87	16.94	15.51	11.11	10.15	5.81	7.55	6.23	5.87	8.27
24	6.69	10.03	9.30	16.64	14.14	12.25	8.73	5.79	6.73	7.55	5.76	8.32
25	7.07	10.08	8.96	15.39	14.05	11.32	10.56	5.74	6.13	9.48	6.17	9.47
26	8.46	9.96	9.48	14.36	15.84	10.19	10.13	5.83	5.96	8.35	6.64	10.20
27	8.40	10.06	8.67	13.78	16.09	10.31	8.87	5.99	6.05	7.56	19.77	10.96
28	7.97	9.98	8.38	14.90	16.43	10.39	7.76	6.35	6.05	6.92	20.79	9.84
29	7.51	8.75	8.67	15.89	16.75	9.84	7.21	6.31	5.94	6.31	19.64	8.06
30	6.86	8.03	7.95	15.30	---	9.20	7.75	6.46	6.48	6.37	19.11	7.01
31	7.22	---	7.71	14.68	---	9.59	---	6.13	---	6.12	18.85	---
MEAN	6.90	8.58	12.44	12.48	15.80	12.69	9.00	6.18	7.37	6.71	8.40	8.42
MAX	8.66	13.21	18.15	18.34	19.85	16.89	14.03	8.55	12.01	9.48	20.79	16.19
MIN	6.32	6.76	7.71	6.84	10.73	9.20	6.63	5.74	5.86	5.56	5.56	5.87
CAL YR 1991	MEAN	14.02	MAX	35.55	MIN	6.25						
WTR YR 1992	MEAN	9.56	MAX	20.79	MIN	5.56						

02488500 PEARL RIVER NEAR MONTICELLO, MS

LOCATION.--Lat 31°33'12", long 90°05'16", in SW¼ sec.23, T.7 N., R.21 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, near left bank on downstream side of pier of bridge on U.S. Highway 84, 1.0 mi east of Monticello, 2.5 mi upstream from Halls Creek, 4.1 mi upstream from Silver Creek and at mile 190.8.

DRAINAGE AREA.--4,993 mi².

PERIOD OF RECORD.--October 1938 to current year. Daily mean gage heights published since January 1972. Gage-height records collected in vicinity since 1924, are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1504: 1939, 1949.

GAGE.--Water-stage recorder. Datum of gage is 158.66 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to Dec. 12, 1938, nonrecording gage, Dec. 12, 1938, to Jan. 10, 1949, water-stage recorder, and Jan. 11, 1949 to Oct. 16, 1952, nonrecording gage, all at same site and datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated since September 27, 1961 by Ross R. Barnett, about 111 mi upstream. Statistics shown below are for water years 1962 to current year, except instantaneous extremes, which are shown for the entire period of record. Satellite telemeter and National Weather Service telemeter at station.

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)
Aug. 28	0830	24,100	20.94	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2520	2130	1980	1730	8000	11700	4180	2180	871	1290	872	13000
2	1940	2890	7050	1990	6650	11500	3900	2180	803	1870	1040	8880
3	1450	2420	14300	1980	6100	9940	3070	1590	838	1440	986	5650
4	1270	1970	15200	1650	4760	7650	2870	1240	884	1930	836	4290
5	1190	1570	12400	1390	1390	7610	2660	1170	919	1900	908	4100
6	1020	1260	9560	1310	17200	12600	2050	1130	963	1980	879	3590
7	889	1330	7170	1260	16600	12300	1890	1020	865	1440	772	2920
8	853	1420	5580	1460	13500	9740	2690	971	1060	997	1160	1990
9	823	1480	5900	2390	11200	7300	2530	972	970	782	1480	1550
10	795	1470	6730	2800	9290	7750	2270	947	1170	687	1130	1490
11	782	1450	8070	2590	6850	10900	2170	900	2200	646	971	1470
12	777	1400	7530	2180	5380	9400	2110	878	2030	619	926	1420
13	771	1140	5930	4740	7120	7420	2070	890	2150	596	1230	1380
14	766	1000	8560	8360	11900	6000	2070	866	3250	596	1170	1320
15	767	1050	13500	9760	16300	5430	2220	843	4600	664	1250	1180
16	778	1070	13000	9510	18000	4560	1650	835	5680	764	1060	1020
17	739	1170	11000	9160	17500	4960	1220	836	4560	764	819	943
18	730	1350	8430	8630	17800	5110	1090	800	3890	825	712	974
19	733	1410	6620	16200	17500	9470	1260	792	3090	773	668	978
20	740	1870	6190	16600	16100	8040	5640	791	2020	828	641	1110
21	741	3890	4870	13700	14200	6060	10900	792	1430	814	653	1500
22	742	6810	4110	11600	12100	4530	7800	777	1600	1000	726	2060
23	751	5630	3310	14000	10500	4730	4820	744	1620	1300	763	2510
24	832	3830	3200	13200	8830	5790	3330	742	1320	1080	732	2140
25	993	3220	2510	11000	8370	5310	3190	727	985	2610	818	2680
26	1380	3230	2690	9130	10700	4130	4130	743	819	2550	1550	3390
27	1980	3210	2630	7990	11000	3530	3200	801	790	1880	17200	4180
28	1770	3270	2040	10700	10900	3890	2350	918	807	1440	23500	4050
29	1540	2870	2190	11000	11400	3420	1770	1120	768	1160	19500	2740
30	1240	1990	2050	10600	---	3050	1610	1050	934	990	16200	1790
31	1080	---	1630	9440	---	2480	---	1020	---	928	15100	---
TOTAL	33382	68800	205930	228050	335690	216280	92710	31265	53886	37143	116252	86295
MEAN	1077	2293	6643	7356	11580	6977	3090	1009	1796	1198	3750	2876
MAX	2520	6810	15200	16600	18000	12600	10900	2180	5680	2610	23500	13000
MIN	730	1000	1630	1260	4760	2480	1090	727	768	596	641	943
CFSM	.22	.46	1.33	1.47	2.32	1.40	.62	.20	.36	.24	.75	.58
IN.	.25	.51	1.53	1.70	2.50	1.61	.69	.23	.40	.28	.87	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1992, BY WATER YEAR (WY)

	1904	2938	8906	12780	13970	14670	15500	9232	2953	1918	1871	1446
MEAN	1904	2938	8906	12780	13970	14670	15500	9232	2953	1918	1871	1446
MAX	9167	7763	37130	36890	43290	29990	51710	40240	11740	7516	10920	7323
(WY)	1976	1978	1983	1974	1990	1980	1991	1983	1989	1989	1975	1979
MIN	305	356	728	1522	3186	2950	1551	800	650	602	486	482
(WY)	1964	1964	1963	1986	1970	1967	1967	1963	1988	1969	1969	1963

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1962 - 1992

ANNUAL TOTAL	4461184	1505683	7309
ANNUAL MEAN	12220	4114	17210
HIGHEST ANNUAL MEAN			2001
LOWEST ANNUAL MEAN			1963
HIGHEST DAILY MEAN	74400	May 6	21300
LOWEST DAILY MEAN	730	Oct 18	596
ANNUAL SEVEN-DAY MINIMUM	739	Oct 17	653
INSTANTANEOUS PEAK FLOW			24100
INSTANTANEOUS PEAK STAGE			20.94
INSTANTANEOUS LOW FLOW			578
ANNUAL RUNOFF (CFSM)	2.45	.82	1.46
ANNUAL RUNOFF (INCHES)	33.24	11.22	19.89
10 PERCENT EXCEEDS	40400	11000	20700
50 PERCENT EXCEEDS	4830	1990	2550
90 PERCENT EXCEEDS	894	782	658

02488500 PEARL RIVER NEAR MONTICELLO, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.15	7.48	7.32	6.97	12.59	14.85	9.68	7.28	5.26	6.30	5.43	15.62
2	7.44	8.41	11.74	7.33	11.67	14.75	9.43	7.29	5.12	7.18	5.75	13.13
3	6.73	7.88	16.38	7.32	11.26	13.80	8.61	6.48	5.19	6.54	5.64	10.83
4	6.43	7.30	16.90	6.86	10.19	12.36	8.39	5.93	5.29	7.20	5.34	9.44
5	6.29	6.74	15.30	6.47	13.68	12.31	8.15	5.81	5.35	7.20	5.48	9.22
6	5.97	6.26	13.56	6.34	17.97	15.39	7.40	5.75	5.44	7.31	5.42	8.68
7	5.72	6.37	12.03	6.26	17.66	15.25	7.20	5.55	5.25	6.52	5.19	7.99
8	5.64	6.52	10.87	6.56	15.93	13.67	8.19	5.45	5.62	5.77	5.91	6.88
9	5.57	6.60	11.11	7.84	14.57	12.12	8.00	5.46	5.45	5.34	6.45	6.27
10	5.50	6.59	11.72	8.30	13.40	12.40	7.69	5.41	5.73	5.13	5.86	6.17
11	5.46	6.56	12.64	8.07	11.80	14.36	7.57	5.32	7.30	5.03	5.58	6.14
12	5.45	6.48	12.28	7.57	10.71	13.46	7.49	5.27	7.09	4.96	5.49	6.06
13	5.43	6.04	11.14	10.13	11.92	12.20	7.44	5.30	7.21	4.90	6.03	6.00
14	5.41	5.80	12.87	12.81	14.98	11.19	7.44	5.25	8.51	4.89	5.93	5.91
15	5.40	5.90	15.93	13.69	17.43	10.75	7.63	5.20	9.88	5.05	6.08	5.67
16	5.42	5.92	15.64	13.54	18.36	10.03	6.86	5.19	10.95	5.27	5.74	5.38
17	5.32	6.10	14.42	13.33	18.11	10.37	6.19	5.19	10.03	5.27	5.27	5.24
18	5.30	6.41	12.86	12.97	18.27	10.47	5.97	5.11	9.42	5.39	5.04	5.30
19	5.30	6.49	11.65	17.41	18.08	13.51	6.26	5.10	8.62	5.28	4.94	5.31
20	5.30	7.17	11.34	17.66	17.36	12.62	10.25	5.09	7.36	5.39	4.88	5.54
21	5.30	9.33	10.29	16.03	16.35	11.22	14.40	5.10	6.53	5.35	4.91	6.19
22	5.29	11.78	9.62	14.84	15.13	10.00	12.44	5.06	6.79	5.72	5.07	6.97
23	5.30	10.89	8.86	16.24	14.11	10.17	10.11	4.99	6.82	6.23	5.15	7.53
24	5.47	9.36	8.74	15.78	13.11	11.03	8.57	4.99	6.35	5.84	5.09	7.08
25	5.79	8.77	7.98	14.44	12.82	10.65	8.42	4.96	5.77	7.97	5.27	7.72
26	6.43	8.77	8.19	13.31	14.24	9.64	9.41	4.99	5.44	7.91	6.40	8.49
27	7.32	8.75	8.12	12.58	14.46	9.08	8.45	5.11	5.38	7.09	17.71	9.31
28	7.03	8.82	7.40	14.28	14.40	9.43	7.49	5.35	5.42	6.44	20.71	9.17
29	6.71	8.38	7.59	14.47	14.70	8.95	6.75	5.73	5.34	5.98	19.06	7.78
30	6.22	7.33	7.41	14.19	---	8.58	6.52	5.61	5.67	5.67	17.41	6.61
31	5.95	---	6.84	13.49	---	7.94	---	5.54	---	5.54	16.83	---
MEAN	5.94	7.51	11.25	11.52	14.66	11.70	8.28	5.48	6.65	5.99	7.58	7.59
MAX	8.15	11.78	16.90	17.66	18.36	15.39	14.40	7.29	10.95	7.97	20.71	15.62
MIN	5.29	5.80	6.84	6.26	10.19	7.94	5.97	4.96	5.12	4.89	4.88	5.24

CAL YR 1991 MEAN 12.60 MAX 29.35 MIN 5.29
WTR YR 1992 MEAN 8.66 MAX 20.71 MIN 4.88

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.--Estimated daily discharges: Mar. 25 - Apr. 1. Records fair except for estimated daily discharges, which are poor. Satellite telemeter at station.

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, 204 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 (ft³/s)	Gage Height (ft)	Date	Time	Discharge (ft³/s)	Gage Height (ft)
Feb. 15	1600	*2,180	*7.84				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	136	204	123	114	248	197	e195	156	111	106	107	132
2	139	220	543	111	220	191	189	151	106	98	107	125
3	139	143	831	109	205	177	181	141	120	93	106	121
4	132	126	384	107	214	176	177	146	133	99	105	120
5	120	123	212	107	635	305	171	148	127	94	103	119
6	117	122	171	106	641	699	169	134	113	95	102	118
7	116	123	158	103	363	429	170	130	107	93	102	163
8	116	120	147	164	267	285	179	133	110	95	113	163
9	120	120	140	395	221	237	175	137	264	89	108	119
10	120	118	140	224	200	234	160	137	137	104	106	112
11	124	116	133	157	193	222	166	132	133	105	107	110
12	127	115	128	274	185	197	167	146	167	104	115	107
13	128	112	135	616	560	183	165	160	140	103	111	105
14	116	114	302	370	466	176	156	149	133	113	120	104
15	115	114	244	236	1540	175	155	144	308	140	108	102
16	115	114	162	185	1470	168	148	133	208	119	102	102
17	120	112	145	164	1090	162	151	136	148	111	99	103
18	123	109	137	531	956	353	149	133	134	108	98	108
19	125	110	131	1450	460	1150	218	137	125	107	97	111
20	116	254	125	763	320	613	468	134	117	108	98	104
21	124	334	123	333	271	315	931	128	104	110	103	103
22	120	228	123	397	245	279	377	132	102	118	106	110
23	124	167	132	1150	241	328	234	129	103	112	109	124
24	152	141	147	696	229	279	204	125	103	148	107	113
25	141	134	129	330	259	e233	176	117	98	146	101	107
26	124	132	119	262	272	e225	161	120	91	115	189	105
27	123	128	120	352	232	e217	153	129	95	108	671	105
28	123	125	126	929	213	e210	152	134	93	104	637	103
29	124	120	123	587	208	e208	147	140	79	106	258	100
30	125	120	118	364	---	e205	151	132	96	112	171	98
31	129	---	114	295	---	e200	---	119	---	108	144	---
TOTAL	3873	4318	5865	11981	12624	9028	6395	4222	3905	3371	4710	3416
MEAN	125	144	189	386	435	291	213	136	130	109	152	114
MAX	152	334	831	1450	1540	1150	931	160	308	148	671	163
MIN	115	109	114	103	185	162	147	117	79	89	97	98
CFSM	.96	1.11	1.46	2.97	3.35	2.24	1.64	1.05	1.00	.84	1.17	.88
IN.	1.11	1.24	1.68	3.43	3.61	2.58	1.83	1.21	1.12	.96	1.35	.98

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1992, BY WATER YEAR (WY)

	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	124	129	205	278	326	333	332	251	145	130	123	123																
MAX	423	240	407	810	746	844	1173	810	289	315	307	279																
(WY)	1965	1965	1963	1990	1966	1973	1974	1990	1989	1981	1975	1979																
MIN	72.6	78.9	109	116	112	118	104	109	89.3	72.8	80.8	74.7																
(WY)	1968	1968	1966	1970	1968	1967	1970	1988	1972	1968	1972	1970																

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1965 - 1992
ANNUAL TOTAL	99316	73708	
ANNUAL MEAN	272	201	208
HIGHEST ANNUAL MEAN			339
LOWEST ANNUAL MEAN			102
HIGHEST DAILY MEAN	4120	1540	16400
LOWEST DAILY MEAN	109	79	65
ANNUAL SEVEN-DAY MINIMUM	112	94	68
INSTANTANEOUS PEAK FLOW		2180	25400
INSTANTANEOUS PEAK STAGE		7.84	18.76
INSTANTANEOUS LOW FLOW		74	59
ANNUAL RUNOFF (CFSM)	2.09	1.55	1.60
ANNUAL RUNOFF (INCHES)	28.42	21.09	21.70
10 PERCENT EXCEEDS	438	339	307
50 PERCENT EXCEEDS	160	133	129
90 PERCENT EXCEEDS	120	104	88

02488700 WHITESAND CREEK NEAR OAK VALE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.14	4.34	4.17	4.13	4.66	4.50	---	4.30	4.12	4.07	4.09	4.21
2	4.14	4.40	5.18	4.12	4.58	4.48	4.42	4.29	4.10	4.03	4.09	4.18
3	4.14	4.13	5.68	4.11	4.53	4.43	4.39	4.25	4.16	4.00	4.09	4.16
4	4.12	4.06	4.92	4.10	4.55	4.43	4.38	4.26	4.21	4.03	4.08	4.16
5	4.06	4.05	4.50	4.10	5.45	4.77	4.36	4.27	4.19	4.01	4.08	4.16
6	4.04	4.06	4.36	4.09	5.48	5.58	4.35	4.22	4.12	4.01	4.08	4.15
7	4.04	4.06	4.31	4.08	4.96	5.10	4.36	4.20	4.10	4.00	4.07	4.31
8	4.04	4.06	4.27	4.31	4.71	4.76	4.39	4.21	4.11	4.01	4.12	4.33
9	4.06	4.06	4.24	4.97	4.58	4.63	4.37	4.23	4.64	3.99	4.10	4.16
10	4.06	4.05	4.24	4.53	4.51	4.62	4.32	4.23	4.23	4.07	4.09	4.12
11	4.06	4.05	4.21	4.31	4.49	4.58	4.34	4.21	4.21	4.07	4.10	4.12
12	4.07	4.05	4.19	4.61	4.46	4.50	4.34	4.26	4.34	4.07	4.14	4.10
13	4.08	4.04	4.22	5.35	5.25	4.45	4.33	4.32	4.24	4.06	4.12	4.09
14	4.03	4.05	4.75	4.91	5.18	4.43	4.30	4.27	4.21	4.11	4.16	4.09
15	4.03	4.06	4.59	4.57	6.88	4.43	4.30	4.25	4.75	4.22	4.11	4.08
16	4.02	4.06	4.33	4.41	6.83	4.40	4.28	4.21	4.46	4.14	4.08	4.08
17	4.04	4.06	4.26	4.34	6.23	4.38	4.29	4.22	4.24	4.10	4.06	4.08
18	4.05	4.05	4.23	5.11	6.00	4.80	4.28	4.21	4.18	4.09	4.06	4.11
19	4.06	4.06	4.21	6.82	5.17	6.33	4.51	4.23	4.14	4.08	4.05	4.12
20	4.02	4.57	4.18	5.68	4.86	5.39	5.07	4.22	4.11	4.08	4.06	4.09
21	4.05	4.83	4.17	4.89	4.73	4.79	5.95	4.19	4.05	4.09	4.08	4.08
22	4.03	4.52	4.17	4.97	4.65	4.70	4.93	4.21	4.04	4.13	4.09	4.11
23	4.04	4.31	4.21	6.33	4.64	4.83	4.57	4.19	4.04	4.12	4.11	4.18
24	4.16	4.21	4.27	5.57	4.60	4.70	4.47	4.18	4.04	4.26	4.10	4.13
25	4.12	4.19	4.20	4.88	4.69	---	4.38	4.15	4.02	4.26	4.07	4.10
26	4.05	4.18	4.15	4.70	4.73	---	4.32	4.16	3.99	4.13	4.38	4.09
27	4.04	4.17	4.16	4.88	4.61	---	4.29	4.20	4.01	4.09	5.51	4.09
28	4.04	4.16	4.18	5.94	4.55	---	4.29	4.22	4.00	4.08	5.44	4.08
29	4.03	4.15	4.17	5.38	4.53	---	4.27	4.24	3.94	4.08	4.63	4.07
30	4.04	4.15	4.15	4.96	---	---	4.29	4.21	4.03	4.11	4.36	4.06
31	4.06	---	4.13	4.79	---	---	---	4.15	---	4.10	4.26	---
MEAN	4.06	4.17	4.35	4.84	5.00	---	---	4.22	4.17	4.09	4.22	4.13
MAX	4.16	4.83	5.68	6.82	6.88	---	---	4.32	4.75	4.26	5.51	4.33
MIN	4.02	4.04	4.13	4.08	4.46	---	---	4.15	3.94	3.99	4.05	4.06

CAL YR 1991 MEAN 4.43 MAX 10.14 MIN 3.66

02489000 PEARL RIVER NEAR COLUMBIA, MS

LOCATION.--Lat 31°14'14", long 89°50'54", in EW sec.7, T.3 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on downstream side of bridge on U.S. Highway 98, 1.5 mi southwest of Columbia, 2.0 mi downstream from Fernwood, Columbia and Gulf Railroad bridge, 2.2 mi upstream from Silver Creek and at mile 137.8.

DRAINAGE AREA.--5,720 mi².

PERIOD OF RECORD.--August 1928 to September 1954 (monthly discharge only for January to July 1930, published in MSP 1304). January 1972 to current year (gage heights only). Gage height records collected at same site November 1904 to December 1971 are contained in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 115.81 ft above National Geodetic Vertical Datum of 1929 (levels by U. S. Army Corps of Engineers). Prior to August 1928, nonrecording gages at various sites and datums in the vicinity maintained by National Weather Service. August 1928 to May 26, 1934, nonrecording gage at site 1.0 mi downstream at datum 0.37 ft higher. May 26, 1934 to September 1954, water-stage recorder at present site and datum.

REMARKS.--Records furnished by National Weather Service.

AVERAGE DISCHARGE.--26 years (1928-54), 7,384 ft³/s, 17.62 in/yr.

EXTREMES FOR PERIOD OF RECORD.--1928-1954: Maximum discharge, 72,600 ft³/s, Apr. 9, 1938, gage height, 26.40 ft, minimum, 705 ft³/s, Oct. 21, 1952, gage height 0.81 ft.
1904 to current year: Maximum observed gage height, 27.8 ft, Apr. 22, 1979.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1874 reached a stage of about 31 ft, from information by National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum observed gage height, 14.10 ft, Feb. 16, minimum observed, 1.56 ft, Aug. 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY OBSERVATION AT 07:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.06	2.54	3.44	3.10	8.69	9.34	3.94	2.81	2.14	2.42	2.00	10.82
2	3.86	3.21	3.49	3.02	7.88	9.42	5.06	3.10	2.01	2.37	1.99	10.09
3	3.48	3.97	7.45	3.25	7.05	9.38	4.94	3.29	1.96	2.90	1.96	8.09
4	3.02	3.63	10.51	3.29	6.68	8.68	4.34	2.85	1.98	2.70	2.04	6.21
5	2.80	3.26	10.89	3.06	6.78	7.65	4.14	2.79	2.08	2.79	1.85	5.01
6	2.69	2.96	9.70	2.81	10.33	8.65	4.04	2.32	1.98	3.01	1.89	4.72
7	2.54	2.64	8.25	2.70	12.22	10.48	3.58	2.26	2.02	3.01	1.97	4.37
8	2.38	2.56	7.00	2.67	12.14	10.14	3.30	2.18	2.17	2.69	1.79	3.91
9	2.30	2.66	6.04	4.68	10.77	8.84	3.93	2.10	2.38	2.24	1.84	3.19
10	2.26	2.72	6.25	4.70	9.49	7.67	3.85	2.09	2.39	1.96	2.44	2.71
11	2.22	2.73	6.61	4.25	8.52	8.03	3.62	2.07	2.09	1.80	2.46	2.56
12	2.18	2.70	7.32	4.07	7.18	9.14	3.53	2.03	3.14	1.72	2.15	2.49
13	2.16	2.69	7.09	5.56	6.30	8.48	3.45	2.04	3.25	1.67	2.04	2.41
14	2.15	2.53	6.48	6.47	8.14	7.42	3.38	2.17	3.54	1.62	2.14	2.36
15	2.14	2.33	7.85	7.81	10.74	6.58	3.34	2.02	4.16	1.64	2.25	2.31
16	2.10	2.33	9.86	8.31	14.10	6.18	3.53	1.97	5.29	1.77	2.19	2.12
17	2.10	2.35	9.85	8.21	13.94	5.53	3.13	1.93	6.04	1.92	2.11	2.05
18	2.05	2.37	8.90	8.06	13.94	5.78	2.72	1.92	5.92	1.88	1.85	1.97
19	2.04	2.55	7.74	10.81	13.18	8.01	3.32	1.90	5.92	1.92	1.69	1.96
20	2.03	2.93	6.62	12.62	12.53	9.73	3.06	1.87	5.92	1.85	1.61	1.96
21	2.02	4.34	6.37	12.22	11.91	8.24	8.29	1.86	---	1.89	1.59	1.97
22	2.02	5.92	5.57	10.79	11.02	6.93	9.58	1.85	---	1.95	1.56	2.20
23	2.02	6.61	5.08	11.84	10.14	6.14	7.65	1.84	2.50	2.19	1.66	2.88
24	2.25	5.92	4.56	12.09	9.24	6.13	5.70	1.80	2.70	2.99	1.76	3.29
25	2.26	4.81	4.26	10.85	8.40	6.51	4.45	1.79	2.52	2.37	1.82	2.97
26	2.30	4.28	3.89	9.56	8.20	6.18	4.01	1.82	2.20	3.26	2.11	3.24
27	2.42	4.25	3.88	8.52	9.16	5.34	4.82	2.01	---	3.56	4.40	3.74
28	3.07	4.21	3.95	9.37	9.26	4.81	4.18	2.18	---	3.00	11.45	4.37
29	3.06	4.25	3.52	10.22	9.15	5.05	3.54	2.26	1.87	2.64	13.22	4.42
30	2.85	4.09	3.47	9.82	---	4.73	3.06	2.32	2.17	2.33	12.82	3.53
31	2.69	---	3.45	9.38	---	4.46	---	2.21	---	2.07	11.05	---
MEAN	2.50	3.48	6.43	7.23	9.90	7.41	4.32	2.18	---	2.33	3.35	3.80
MAX	4.06	6.61	10.89	12.62	14.10	10.48	9.58	3.29	---	3.56	13.22	10.82
MIN	2.02	2.33	3.44	2.67	6.30	4.46	2.72	1.79	---	1.62	1.56	1.96

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 MS-1981-1: 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.--Records good. Several measurements of water temperature were made during the year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 11, 1938, reached a stage of 21.0 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4720	3120	4320	3840	17200	14600	6700	3990	2880	4390	2730	22600
2	4360	3010	4130	3550	14600	14800	6210	3720	2790	4180	2710	19700
3	4080	3320	5520	3450	12100	15000	7010	3820	2740	3490	2620	16700
4	3720	3880	9580	3540	10400	14700	7050	3930	2720	3430	2530	12000
5	3320	3730	14700	3560	12200	14300	6360	3630	2680	3310	2520	8400
6	3050	3410	16600	3400	17800	16800	6090	3320	2670	3290	2420	6400
7	2900	3160	14700	3190	22000	19100	5980	3110	2600	3430	2410	5810
8	2780	2930	11500	3210	24400	19900	5540	3020	2710	3380	2430	5440
9	2650	2840	9050	4940	24800	18500	5210	2950	3160	3180	2340	4940
10	2570	2860	7680	7420	21900	15700	5560	2870	3210	2830	2380	4170
11	2520	2890	7740	6230	17300	13100	5520	2830	3060	2560	2840	3580
12	2480	2900	8200	5290	13700	12800	5260	2800	2860	2390	2880	3310
13	2440	2890	8910	6990	10800	13800	5150	2790	3420	2280	2820	3170
14	2420	2860	8940	9240	9670	12800	5020	2840	3890	2240	2650	3070
15	2390	2770	9000	9230	13700	11200	4910	2870	4440	2190	2640	2980
16	2360	2640	10900	10300	25200	10000	4850	2730	5210	2230	2690	2900
17	2330	2600	14000	11000	33500	9230	4890	2640	6020	2370	2600	2850
18	2320	2620	14500	11200	36200	8640	4690	2590	6480	2430	2530	2880
19	2300	2630	12700	17100	35800	10100	5250	2600	5890	2470	2370	2900
20	2270	2970	10200	25200	33400	15400	6160	2630	5240	2500	2450	2920
21	2260	4330	8460	27700	30200	16400	8060	2550	4690	2500	2550	2870
22	2260	5560	7640	27300	27100	13600	12700	2510	3970	2600	2450	2760
23	2260	6210	6720	30800	24300	12000	13900	2490	3380	2780	2300	2990
24	2340	7280	6110	33900	20700	10700	10700	2470	3200	3050	2390	3520
25	2790	6700	5480	32100	17000	9950	7630	2460	3210	3620	2390	3730
26	2810	5410	5040	26400	14200	9900	5770	2440	3070	3450	2790	3580
27	2670	4700	4570	19700	13500	9390	5200	2560	2960	3770	6050	3730
28	2810	4520	4520	19300	14500	8410	5490	2990	2790	4050	11900	4210
29	3630	4460	4580	23100	14800	7690	5040	3260	2590	3740	18700	4710
30	3930	4470	4180	22700	---	7640	4460	3190	3080	3420	23000	4770
31	3420	---	3960	19900	---	7260	---	3000	---	3040	24500	---
TOTAL	89160	113670	264130	434780	582970	393410	192360	91600	107610	94590	150580	173590
MEAN	2876	3789	8520	14030	20100	12690	6412	2955	3587	3051	4857	5786
MAX	4720	7280	16600	33900	36200	19900	13900	3990	6480	4390	24500	22600
MIN	2260	2600	3960	3190	9670	7260	4460	2440	2590	2190	2300	2760
CFSM	.44	.58	1.30	2.13	3.06	1.93	.98	.45	.55	.46	.74	.88
IN.	.50	.64	1.49	2.46	3.30	2.23	1.09	.52	.61	.54	.85	.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

	MEAN	2944	4100	10020	15220	19060	20440	19640	12740	5568	4591	3865	2969
MAX	10390	16150	40080	48900	56830	46670	67290	56770	22540	26570	16710	9543	
(WY)	1976	1958	1983	1974	1990	1987	1980	1991	1983	1940	1975	1979	
MIN	1110	1233	1713	2174	4346	4764	3214	1926	1651	1564	1514	1246	
(WY)	1964	1964	1955	1956	1970	1967	1963	1963	1963	1969	1954	1954	

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1939 - 1992

ANNUAL TOTAL	6133280	2688450	
ANNUAL MEAN	16800	7345	10050
HIGHEST ANNUAL MEAN			22560
LOWEST ANNUAL MEAN			3412
HIGHEST DAILY MEAN	97400	May 11	127000
LOWEST DAILY MEAN	2260	Oct 21	1020
ANNUAL SEVEN-DAY MINIMUM	2290	Oct 17	1030
INSTANTANEOUS PEAK FLOW			36600
INSTANTANEOUS PEAK STAGE			19.93
INSTANTANEOUS LOW FLOW			2180
INSTANTANEOUS LOW STAGE			7.98
ANNUAL RUNOFF (CFSM)	2.56	1.12	1.53
ANNUAL RUNOFF (INCHES)	34.71	15.22	20.77
10 PERCENT EXCEEDS	50500	17100	27800
50 PERCENT EXCEEDS	8550	4060	4590
90 PERCENT EXCEEDS	2750	2500	1820

PEARL RIVER BASIN

02490500 BOGUE CHITTO NEAR TYLERTOWN, MS

LOCATION.--Lat 31°10'37", long 90°16'48", in SE4 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 and satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in February 1936 reached a stage about 0.1 ft higher than the flood of Apr. 7, 1983.

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

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 19	1330	6,970	^a 15.24	Feb. 15	1600	* 9,170	^a 17.21
Feb. 6	0330	6,640	^a 14.89	Aug. 29	0730	7,750	^a 15.96

^a outside gage

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	379	561	309	328	997	581	542	401	328	335	308	696
2	368	783	1300	324	792	530	502	390	321	331	328	575
3	359	654	1630	325	661	498	474	381	366	295	306	495
4	355	424	1750	325	764	479	455	371	418	275	299	449
5	349	359	1700	328	4510	1970	444	364	422	272	291	419
6	340	336	731	327	6140	4130	440	357	364	347	297	412
7	338	324	459	325	5140	3220	432	344	329	287	312	394
8	334	315	392	628	3880	2690	426	339	321	266	289	406
9	334	306	367	1740	1670	1340	465	334	319	260	291	372
10	334	301	371	1170	980	1140	431	330	315	255	321	356
11	336	298	351	695	780	893	497	329	338	256	329	352
12	334	295	338	938	669	726	454	334	331	258	560	342
13	328	293	336	2420	728	626	416	336	350	255	497	331
14	329	290	520	1990	1470	564	395	334	390	259	466	322
15	328	287	844	1140	6740	525	377	329	377	275	362	317
16	321	286	689	773	5780	490	366	321	348	330	321	313
17	318	286	473	619	4300	467	362	315	336	308	305	316
18	317	283	406	1420	3680	691	369	317	319	289	299	337
19	316	282	369	6550	2530	4530	480	346	301	282	296	335
20	311	410	348	4980	1400	3680	1500	442	291	291	300	329
21	312	451	340	4350	977	3450	3840	356	284	406	303	543
22	312	473	333	2720	813	2000	2940	322	279	425	310	1160
23	324	388	362	4340	751	1540	2960	313	273	613	315	1440
24	325	332	411	3320	694	1330	1110	309	271	1360	314	638
25	340	305	370	2390	925	1050	662	307	270	735	341	450
26	337	292	351	1190	1290	904	541	339	278	563	818	405
27	325	283	351	1180	1090	824	478	393	305	483	4670	406
28	320	279	346	3620	789	695	440	425	289	372	6080	397
29	328	279	342	3100	656	614	421	457	282	341	6840	351
30	325	290	338	2370	---	585	413	413	337	317	3550	327
31	384	---	332	1360	---	558	---	359	---	324	1350	---
TOTAL	10360	10745	17559	57285	61596	43320	23632	11007	9752	11665	31668	13985
MEAN	334	358	566	1848	2124	1397	788	355	325	376	1022	466
MAX	384	783	1750	6550	6740	4530	3840	457	422	1360	6840	1440
MIN	311	279	309	324	656	467	362	307	270	255	289	313
CFSM	.68	.73	1.15	3.76	4.32	2.84	1.60	.72	.66	.76	2.08	.95
IN.	.78	.81	1.33	4.33	4.66	3.28	1.79	.83	.74	.88	2.39	1.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1992, BY WATER YEAR (WY)

MEAN	393	489	891	1241	1449	1356	1269	893	518	462	419	384
MAX	1894	2118	2976	4728	3994	3625	4718	4317	1744	1503	1402	1131
(WY)	1965	1958	1972	1990	1966	1973	1983	1953	1975	1946	1953	1971
MIN	184	212	309	279	317	408	303	249	244	233	220	204
(WY)	1964	1957	1967	1956	1968	1955	1963	1956	1963	1969	1954	1952

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1944 - 1992
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ANNUAL TOTAL	418790		302574						
ANNUAL MEAN	1147		827					810	
HIGHEST ANNUAL MEAN								1301	1983
LOWEST ANNUAL MEAN								394	1954
HIGHEST DAILY MEAN	16900	Apr 30	6840	Aug 29	56900				Apr 7 1983
LOWEST DAILY MEAN	279	Nov 28	255	Jul 10, 13	177				Oct 31 1963
ANNUAL SEVEN-DAY MINIMUM	287	Nov 13	258	Jul 8	179				Oct 25 1963
INSTANTANEOUS PEAK FLOW			9170	Feb 15	64200				Apr 7 1983
INSTANTANEOUS PEAK STAGE			17.21a	Feb 15	34.62				Apr 7 1983
ANNUAL RUNOFF (CFSM)	2.33		1.68		1.65				
ANNUAL RUNOFF (INCHES)	31.66		22.88		22.38				
10 PERCENT EXCEEDS	2740		1820		1580				
50 PERCENT EXCEEDS	473		369		398				
90 PERCENT EXCEEDS	328		292		246				

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.--Records fair except those below 25,000 ft/s, which are poor. 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. Statistics shown below are for water years 1937 to current year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37300	29700	148000	99800	58400	94900	51200	15400	20800	35200	24600	41200
2	31200	27600	215000	102000	47200	97900	51900	16800	21400	55600	29300	40700
3	30200	22200	302000	105000	37200	97200	55000	15300	25200	42100	34000	39300
4	30800	50500	283000	113000	30500	88800	24200	16600	35900	42700	34500	38900
5	26200	50300	274000	134000	34100	91300	17000	14800	43500	44100	33500	41300
6	23600	43400	256000	133000	38900	79600	23500	16800	41300	55900	30200	42300
7	29800	35800	233000	141000	41900	48200	17300	14900	37800	59300	34800	48500
8	30700	36800	213000	141000	33100	40600	18600	19200	29900	47800	21800	43300
9	29600	30500	153000	132000	30200	50200	17400	17600	46700	56200	37800	45700
10	28800	28400	117000	108000	34100	79000	18400	21900	48500	58600	43300	50400
11	26100	42700	122000	93100	27800	94000	17900	25400	60300	35100	36800	27700
12	24400	44200	116000	73200	28900	75000	14900	39500	66100	32000	39000	44800
13	18100	34700	141000	66500	28500	73000	13500	34000	68800	38400	39600	36700
14	29200	32600	135000	62000	25600	70000	21600	35300	51300	42400	42100	38400
15	32200	33400	133000	81200	29500	56000	17500	42000	49400	40100	27600	42600
16	33200	27700	133000	94500	29000	68000	15700	32200	54500	37200	23300	46500
17	32300	21900	139000	68500	49200	71000	14800	32900	52700	41800	40000	46600
18	33500	33700	137000	57400	39400	63200	10100	24700	52400	26600	38000	43200
19	20900	35500	134000	48500	49600	61800	11000	26400	56300	26600	26900	31600
20	21200	38700	133000	56600	52700	66300	13800	20300	42100	31100	32800	28000
21	24900	38100	113000	51400	59500	51600	18900	24300	44400	33600	33800	44800
22	24300	42900	80500	54900	33300	52000	18800	22700	38800	36000	22300	47100
23	25900	53300	81700	45900	27300	64700	23100	14700	41400	30100	24100	47500
24	23400	48700	76900	60500	41700	62300	23700	16200	37900	36000	36500	50300
25	21200	55200	82300	49100	56800	61000	19700	21900	36700	35700	39900	44500
26	20700	49800	74300	37800	71400	64000	20900	22100	37400	31600	40000	32000
27	20900	42900	82200	56700	91900	63500	23600	27900	36700	35800	47000	33400
28	28800	19100	83100	59000	101000	53000	20800	26000	33500	33000	63400	49400
29	33900	16800	80700	58400	97600	30400	24700	27400	31200	35700	37700	42500
30	35400	26400	102000	63100	---	35900	17700	27300	29800	33300	41400	40300
31	33500	---	96800	65800	---	48800	---	22400	---	33700	40900	---
TOTAL	862200	1093500	4470500	2512900	1326300	2053200	657200	734900	1272700	1223300	1096900	1249500
MEAN	27810	36450	144200	81060	45730	66230	21910	23710	42420	39460	35380	41650
MAX	37300	55200	302000	141000	101000	97900	55000	42000	68800	59300	63400	50400
MIN	18100	16800	74300	37800	25600	30400	10100	14700	20800	26600	21800	27700
CFSM	.90	1.18	4.68	2.63	1.48	2.15	.71	.77	1.38	1.28	1.15	1.35
IN.	1.04	1.32	5.40	3.03	1.60	2.48	.79	.89	1.54	1.48	1.32	1.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 1992, BY WATER YEAR (WY)

	MEAN	33230	42320	64340	80940	87840	79230	50980	43710	36250	35920	35280	32580
MAX	100800	136400	144200	200300	207300	163900	103000	150700	101300	81530	58260	64550	
(WY)	1990	1958	1992	1974	1957	1973	1964	1984	1989	1989	1967	1950	
MIN	13660	13440	12840	13730	26710	25060	14010	13920	16060	20610	21680	14060	
(WY)	1940	1940	1940	1940	1941	1988	1966	1981	1941	1988	1986	1968	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1937 - 1992

ANNUAL TOTAL	25261800	18553100	
ANNUAL MEAN	69210	50690	
HIGHEST ANNUAL MEAN			51740
LOWEST ANNUAL MEAN			80210
HIGHEST DAILY MEAN	359000	Feb 20	302000
LOWEST DAILY MEAN	16800	Nov 29	10100
ANNUAL SEVEN-DAY MINIMUM	23000	Oct 21	14500
INSTANTANEOUS PEAK FLOW			332000
INSTANTANEOUS PEAK STAGE			25.12
ANNUAL RUNOFF (CFSM)	2.25		1.65
ANNUAL RUNOFF (INCHES)	30.50		22.40
10 PERCENT EXCEEDS	137000		96900
50 PERCENT EXCEEDS	44900		38800
90 PERCENT EXCEEDS	29000		20900

TENNESSEE RIVER BASIN

03592718 LITTLE YELLOW CREEK EAST NEAR BURNSVILLE, MS

LOCATION.--Lat 34°50'05", long 88°17'17", in SE4 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: Nov. 6-7, 11-16, 27-29, Dec. 17 - Feb. 25, Mar. 9 - Apr. 10. Records fair except for estimated daily discharges, which are poor.

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)
Dec. 1	1530	*2,790	*18.57	Aug. 28	0315	1,690	16.58

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.8	35	1740	e35	e37	36	e10	14	8.9	26	24	23
2	9.1	21	669	e34	e39	33	e9.0	13	8.6	17	9.5	35
3	9.1	14	329	e41	e38	31	e9.0	12	49	31	7.2	87
4	9.4	12	69	e37	e40	35	e8.0	11	25	22	26	59
5	9.7	12	57	e35	e43	31	e8.0	11	13	44	22	34
6	9.9	e11	52	e34	e40	29	e7.0	11	11	116	26	30
7	9.0	e10	50	e50	e39	28	e37	11	48	29	24	21
8	9.2	16	49	e90	e37	25	e33	11	16	18	14	16
9	9.4	14	126	e85	e36	e220	e26	11	16	13	11	13
10	9.8	13	79	e55	e35	e580	e23	11	17	6.9	29	14
11	9.8	e12	59	e45	e35	e82	22	11	31	5.8	35	13
12	9.8	e11	54	e38	e34	e65	21	11	36	4.9	14	10
13	9.5	e10	313	e80	e33	e45	19	16	26	4.2	180	11
14	11	e9.0	94	e123	e32	e35	20	13	18	5.3	53	14
15	14	e8.0	62	e60	e32	e21	19	11	13	12	40	15
16	11	e8.6	55	e47	e90	e18	19	11	11	7.7	22	6.9
17	10	12	e42	e44	e76	e16	18	11	9.6	7.8	16	22
18	11	13	e23	e35	e60	e14	16	11	16	6.3	9.8	53
19	11	14	e28	e37	e68	e150	24	11	73	5.0	7.5	20
20	11	128	e33	e42	e63	e105	86	11	17	4.5	6.3	15
21	11	42	e35	e55	e55	e60	54	10	14	4.2	5.3	14
22	11	44	e60	e45	e62	e30	26	10	11	9.7	7.1	82
23	15	28	e57	e38	e56	e43	21	10	9.8	10	21	34
24	20	22	e35	e41	e46	e66	22	10	9.5	5.5	151	18
25	30	19	e32	e42	e58	e54	19	11	9.2	4.9	66	15
26	41	18	e29	e41	170	e40	17	11	18	4.3	23	54
27	18	e17	e27	e40	79	e32	17	11	17	4.1	465	39
28	15	e16	e45	e38	52	e25	16	9.1	10	25	624	20
29	13	e15	e47	e38	42	e17	16	12	9.5	7.3	80	16
30	12	435	e35	e40	---	e14	16	14	17	16	39	13
31	12	---	e34	e40	---	e12	---	9.5	---	56	28	---
TOTAL	399.5	1039.6	4419	1505	1527	1992	658.0	350.6	588.1	533.4	2085.7	816.9
MEAN	12.9	34.7	143	48.5	52.7	64.3	21.9	11.3	19.6	17.2	67.3	27.2
MAX	41	435	1740	123	170	580	86	16	73	116	624	87
MIN	8.8	8.0	23	34	32	12	7.0	9.1	8.6	4.1	5.3	6.9
CFSM	.52	1.40	5.77	1.97	2.13	2.60	.89	.46	.79	.70	2.72	1.10
IN.	.60	1.57	6.66	2.27	2.30	3.00	.99	.53	.89	.80	3.14	1.23

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1992, BY WATER YEAR (WY)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	15.1	47.3	70.8	72.5	73.0	78.9	62.5	56.1	24.6	12.4	11.2	13.5								
MAX	40.6	146	301	246	185	246	164	281	103	29.1	67.3	67.6								
(WY)	1976	1978	1983	1974	1990	1980	1991	1991	1989	1989	1992	1979								
MIN	5.09	11.8	14.8	13.3	24.7	28.8	11.3	6.90	3.88	4.76	3.50	4.51								
(WY)	1988	1991	1981	1986	1978	1988	1986	1988	1988	1988	1988	1988								

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1973 - 1992

ANNUAL TOTAL	31670.5	15914.8	
ANNUAL MEAN	86.8	43.5	
HIGHEST ANNUAL MEAN			44.7
LOWEST ANNUAL MEAN			79.2
HIGHEST DAILY MEAN	2500	1740	18.7
LOWEST DAILY MEAN	2.9	4.1	4910
ANNUAL SEVEN-DAY MINIMUM	4.5	6.1	1.5
INSTANTANEOUS PEAK FLOW		2790	2.5
INSTANTANEOUS PEAK STAGE		18.57	unknown
INSTANTANEOUS LOW FLOW		3.4	21.74
ANNUAL RUNOFF (CFSM)	3.51	1.76	1.5
ANNUAL RUNOFF (INCHES)	47.70	23.97	1.81
10 PERCENT EXCEEDS	157	65	24.60
50 PERCENT EXCEEDS	24	21	75
90 PERCENT EXCEEDS	9.3	9.1	18
			5.1

03592824 TENNESSEE-TOMBIGBEE WATERWAY AT CROSS ROADS, MS

LOCATION.--Lat 34°54'51", long 88°14'48", in SE4 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.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1980 to current year (gage heights only).

REVISED RECORD.--WDR MS-84-1:1983(M,m).

GAGE.--Water-stage recorder. Datum of gage is 400.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--U.S. Army Corps of Engineers radio telemeter at station.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.51 ft, Dec. 3; minimum, 8.02 ft, Dec. 26.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	12.66	8.86	8.42	8.86	12.78	13.73	13.68	13.51	12.39	11.85
2	---	---	17.04	8.87	8.68	8.56	12.61	13.54	13.48	12.99	12.70	11.55
3	---	---	18.26	8.94	8.81	8.64	12.64	13.66	13.40	13.22	12.51	11.52
4	---	---	17.65	9.07	9.02	8.40	12.86	13.57	13.40	13.88	12.48	11.86
5	---	---	16.99	9.06	8.98	8.42	12.95	13.56	13.06	13.59	12.42	11.75
6	---	---	16.57	9.58	8.83	8.46	13.09	13.35	13.07	13.51	12.40	11.67
7	---	---	15.39	9.82	8.93	9.10	13.30	13.36	13.49	12.95	12.20	11.54
8	---	---	14.25	9.97	8.91	9.46	13.25	13.30	13.70	12.44	12.07	11.52
9	---	---	13.53	10.21	8.88	9.60	13.29	13.31	13.59	11.87	12.37	11.32
10	---	---	12.47	9.65	8.76	10.90	13.42	13.57	13.24	11.89	12.38	10.91
11	---	---	11.66	9.75	8.86	11.91	13.51	13.74	12.93	12.64	12.12	10.88
12	---	---	10.63	9.89	8.97	11.03	13.52	13.33	12.73	13.40	12.07	10.97
13	---	---	9.88	9.21	8.99	10.33	13.65	13.52	12.44	13.57	11.86	11.02
14	---	---	10.54	9.02	9.01	9.69	13.65	13.73	12.50	13.29	11.71	10.97
15	---	---	10.10	8.93	8.78	9.08	13.56	13.49	12.63	13.11	11.66	10.63
16	---	---	9.59	9.02	8.83	9.08	13.24	13.56	12.69	13.19	12.23	10.30
17	---	---	9.35	9.05	9.32	9.03	13.20	13.57	13.06	12.87	12.25	10.06
18	---	---	9.13	8.74	9.49	8.98	13.23	13.55	12.86	12.87	12.10	10.37
19	---	---	8.95	8.69	9.08	8.42	13.39	13.70	12.81	13.35	11.83	10.51
20	---	---	8.79	8.94	8.63	8.36	13.52	13.74	13.00	13.64	11.74	10.99
21	---	---	9.17	9.13	8.74	8.56	13.59	13.75	13.25	13.31	11.57	10.49
22	---	9.08	9.17	9.33	8.86	9.03	13.67	13.67	13.57	12.81	11.65	10.25
23	---	9.30	9.01	9.19	9.17	9.19	13.41	13.60	13.56	12.73	12.09	10.13
24	---	9.62	8.74	8.57	9.39	9.50	13.36	13.69	13.63	12.92	12.31	10.11
25	---	10.02	8.56	8.65	9.39	9.58	13.52	13.69	13.47	13.10	12.10	9.57
26	---	10.34	8.27	8.92	8.70	9.77	13.49	13.59	13.26	13.23	11.89	9.93
27	---	10.60	8.29	8.81	8.79	10.04	13.47	13.65	13.43	13.21	11.21	10.32
28	---	10.56	8.93	8.84	8.89	10.29	13.46	13.67	13.08	12.79	11.32	10.47
29	---	10.43	9.50	8.82	8.90	10.76	13.47	13.53	13.39	12.58	12.05	10.67
30	---	10.33	9.61	8.73	---	12.00	13.48	13.63	13.34	12.58	12.09	10.88
31	---	---	9.27	8.52	---	12.73	---	13.60	---	12.35	12.07	---
MEAN	---	---	11.36	9.12	8.93	9.61	13.32	13.58	13.19	13.01	12.06	10.83
MAX	---	---	18.26	10.21	9.49	12.73	13.67	13.75	13.70	13.88	12.70	11.86
MIN	---	---	8.27	8.52	8.42	8.36	12.61	13.30	12.44	11.87	11.21	9.57

LOWER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER MAIN STEM

07032000 MISSISSIPPI RIVER AT MEMPHIS, TENNESSEE
(National stream-quality accounting network station)

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, U.S. Army Corps of Engineers.

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

Gage heights: October 1934 to September 1951 and October 1952 to current year in reports of Geological Survey. Since November 1871, at Beale Street gage, in reports of Mississippi River Commission, December 1890 to August 1932 at Beale Street gage, September 1932 to December 1934 at nonrecording gage 1,000 ft downstream, and since December 1934 at water-stage recorder at present site, in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 183.91 ft above National Geodetic Vertical Datum of 1929. Prior to Apr. 16, 1934, Beale Street nonrecording gage 1.3 mi upstream at present datum. Apr. 16 to Dec. 21, 1934, nonrecording gage 1,000 ft downstream at present datum.

REMARKS.--Flow regulated upstream by many locks, dams, and reservoirs.

COOPERATION.--Records furnished by U.S. Army Corps of Engineers.

AVERAGE DISCHARGE.--59 years, 485,800 ft³/s, 352,000,000 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, -10.70 ft July 10, 11, 1988.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage prior to 1937, 46.55 ft Apr. 9, 1913, at Beale Street gage or about 45.2 ft at present site.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 969,000 ft³/s Dec. 11-13, gage height, 25.60; minimum discharge, 139,000 ft³/s Oct. 24, gage height, -6.40 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	199000	192000	361000	552000	448000	556000	679000	749000	299000	308000	678000	288000
2	194000	201000	354000	548000	438000	580000	656000	725000	298000	290000	722000	317000
3	190000	209000	373000	547000	417000	603000	659000	687000	313000	275000	748000	349000
4	187000	213000	429000	549000	397000	621000	672000	647000	335000	265000	752000	363000
5	184000	218000	567000	554000	375000	628000	675000	606000	345000	256000	745000	355000
6	179000	228000	702000	565000	352000	621000	665000	570000	346000	259000	735000	327000
7	177000	240000	800000	582000	328000	598000	641000	542000	351000	284000	717000	291000
8	179000	246000	864000	606000	309000	563000	608000	522000	356000	310000	690000	270000
9	187000	247000	924000	620000	299000	533000	578000	512000	360000	329000	654000	257000
10	200000	252000	959000	616000	291000	531000	547000	506000	365000	334000	614000	255000
11	207000	258000	969000	601000	281000	525000	519000	498000	378000	327000	582000	263000
12	206000	260000	967000	575000	273000	534000	493000	490000	386000	316000	564000	271000
13	202000	255000	966000	548000	269000	597000	469000	482000	397000	314000	552000	276000
14	196000	248000	922000	527000	268000	674000	451000	483000	402000	329000	535000	292000
15	190000	243000	859000	508000	267000	735000	435000	489000	405000	359000	518000	318000
16	181000	242000	815000	484000	263000	770000	415000	475000	402000	381000	501000	341000
17	173000	244000	796000	463000	265000	787000	402000	451000	386000	390000	479000	350000
18	165000	245000	795000	461000	289000	805000	397000	417000	354000	399000	454000	350000
19	160000	246000	793000	477000	323000	797000	400000	389000	318000	428000	432000	340000
20	156000	267000	785000	487000	369000	780000	412000	367000	295000	485000	417000	328000
21	152000	264000	766000	481000	410000	767000	437000	354000	289000	534000	406000	321000
22	149000	261000	721000	464000	442000	767000	482000	346000	321000	570000	394000	329000
23	143000	276000	666000	438000	466000	780000	544000	340000	381000	583000	381000	342000
24	139000	300000	612000	405000	490000	801000	598000	340000	418000	581000	358000	370000
25	143000	322000	571000	373000	515000	830000	639000	343000	417000	570000	327000	402000
26	147000	355000	542000	349000	528000	855000	678000	349000	401000	560000	296000	432000
27	153000	389000	526000	337000	529000	865000	711000	348000	376000	560000	281000	465000
28	159000	408000	527000	339000	539000	856000	739000	342000	344000	567000	280000	494000
29	169000	403000	538000	358000	543000	833000	753000	337000	319000	576000	279000	511000
30	176000	380000	548000	397000	---	792000	757000	326000	313000	592000	276000	511000
31	181000	---	549000	434000	---	725000	---	310000	---	626000	278000	---
TOTAL	5423000	8112000	21566000	15245000	10983000	21709000	17111000	14342000	10670000	12957000	15645000	10378000
MEAN	174900	270400	695700	491800	378700	700300	570400	462600	355700	418000	504700	345900
MAX	207000	408000	969000	620000	543000	865000	757000	749000	418000	626000	752000	511000
MIN	139000	192000	354000	337000	263000	525000	397000	310000	289000	256000	276000	255000
AC-FT10760000	16090000	42780000	30240000	21780000	43060000	33940000	28450000	21160000	25700000	31030000	20580000	
CAL YR 1991	TOTAL 213826000	MEAN 585800	MAX 1410000	MIN 139000	AC-FT .42412384E9							
WTR YR 1992	TOTAL 164141000	MEAN 448500	MAX 969000	MIN 139000	AC-FT .32557363E9							

LOCATION.--Lat 34°29'00", long 89°13'30", in SEWSW4 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.

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.

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.

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)
Dec. 2	0300	*59,100	*29.29	Mar. 10	1700	21,900	25.84
Dec. 13	2400	16,400	25.03				

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	303	37300	377	288	474	510	229	77	564	154	159
2	45	208	43300	370	263	440	452	200	73	247	92	131
3	45	88	26800	393	253	408	416	186	714	142	123	4340
4	44	80	6670	363	242	417	404	155	3130	114	148	4830
5	44	98	1920	337	251	386	367	150	580	128	195	1110
6	44	93	1060	325	229	365	342	141	361	248	437	458
7	41	86	847	305	213	360	863	125	1890	119	156	314
8	39	90	784	485	197	320	595	126	598	92	104	238
9	41	87	4550	871	186	646	458	118	563	84	86	192
10	40	75	4830	502	179	17700	404	110	507	77	89	154
11	40	71	1410	404	182	7640	361	101	3490	72	128	144
12	40	67	845	717	187	1940	328	129	1100	66	146	115
13	37	66	9030	1200	203	971	292	170	755	62	1160	104
14	43	68	10500	2620	286	764	277	116	423	59	291	96
15	79	71	2490	796	2570	658	257	99	316	82	164	91
16	53	69	1020	563	762	584	274	93	243	98	94	82
17	44	71	733	502	571	548	253	98	180	171	78	80
18	41	73	618	474	1200	1700	220	96	148	123	71	91
19	39	77	540	430	679	1690	302	125	205	84	65	93
20	37	1270	501	409	481	796	1890	137	138	74	61	88
21	37	476	480	398	422	625	2390	105	112	104	65	88
22	38	304	472	400	385	708	732	97	94	87	129	106
23	40	209	709	478	449	1870	493	86	88	430	74	133
24	62	139	623	412	518	813	426	87	84	111	68	87
25	107	113	477	357	786	656	377	95	81	384	62	78
26	59	104	437	332	3110	600	317	93	543	298	55	3160
27	48	103	417	324	1070	529	296	106	366	97	3010	1950
28	45	97	517	349	683	476	279	94	143	e115	6120	456
29	47	93	525	329	553	461	258	87	106	e198	1370	268
30	58	5730	447	317	---	909	245	122	104	e300	402	175
31	56	---	407	310	---	662	---	90	---	e184	225	---
TOTAL	1480	10479	161259	16449	17398	47116	15078	3766	17212	5014	15422	19411
MEAN	47.7	349	5202	531	600	1520	503	121	574	162	497	647
MAX	107	5730	43300	2620	3110	17700	2390	229	3490	564	6120	4830
MIN	37	66	407	305	179	320	220	86	73	59	55	78
CFSM	.09	.66	9.89	1.01	1.14	2.89	.96	.23	1.09	.31	.95	1.23
IN.	.10	.74	11.40	1.16	1.23	3.33	1.07	.27	1.22	.35	1.09	1.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1992, BY WATER YEAR (WY)

MEAN	132	727	1214	1460	1725	1801	1402	926	480	313	153	186
MAX	863	3877	6915	5745	5856	6449	4491	4399	3174	1974	1446	1930
(WY)	1983	1958	1983	1974	1948	1973	1983	1983	1939	1989	1967	1958
MIN	9.37	18.4	56.9	65.5	178	230	120	107	31.4	37.2	13.2	13.2
(WY)	1944	1957	1939	1963	1963	1954	1986	1943	1988	1988	1934	1954

ANNUAL TOTAL	636374		330084				
ANNUAL MEAN	1743		902			872	
HIGHEST ANNUAL MEAN						1945	1983
LOWEST ANNUAL MEAN						289	1981
HIGHEST DAILY MEAN	43300	Dec 2	43300	Dec 2	53800	Mar 22	1955
LOWEST DAILY MEAN	37	Oct 13	37	Oct 13		4.1	Oct 3 1938
ANNUAL SEVEN-DAY MINIMUM	39	Oct 17	39	Oct 17		4.3	Oct 3 1938
INSTANTANEOUS PEAK FLOW			59100	Dec 2	85200		May 19 1983
INSTANTANEOUS PEAK STAGE			29.29	Dec 2		29.32	Mar 22 1955
INSTANTANEOUS LOW FLOW			34	Oct 14		4.1	Oct 3,16 1938
ANNUAL RUNOFF (CFSM)	3.31		1.71			1.66	
ANNUAL RUNOFF (INCHES)	45.01		23.34			22.53	
10 PERCENT EXCEEDS	4250		1170			1840	
50 PERCENT EXCEEDS	447		247			181	
90 PERCENT EXCEEDS	48		66			25	

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS

LOCATION.--Lat 34°21'50", long 89°52'42", in NW4NW4 sec.30, T.8 S., R.6 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030201, on left bank at upstream side of bridge on State Highway 35, 1.2 mi upstream from mouth, 3.6 mi downstream from Harris Creek, and 4.4 mi northeast of Batesville.

DRAINAGE AREA.--35.1 mi²

PERIOD OF RECORD.--Water years 1975, 1986 to current year.

PERIOD OF DAILY RECORD.--

DISCHARGE: March 1986 to current year.

SPECIFIC CONDUCTANCE: June 1986 to February 1987.

pH: February to March 1987.

WATER TEMPERATURE: April 1986 to March 1987.

SUSPENDED SEDIMENT CONCENTRATION: March 1986 to current year.

SUSPENDED SEDIMENT DISCHARGE: March 1986 to current year.

INSTRUMENTATION.--Water-stage recorder and crest-stage gage. Datum of gage is 195.45 ft above National Geodetic Vertical Datum of 1929. Automatic pumping sediment sampler since March 1986.

REMARKS.--Unpublished records of daily specific conductance, pH, and water temperature during selected storm events are available in files of District office. Estimated daily discharges: Apr. 15-29. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--6 years, 67.5 ft³/s, 26.11 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 10,400 ft³/s, Feb. 19, 1991, gage height, 16.83 ft; minimum, 2.1 ft³/s, July 31, Aug. 1, 1986.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 4,460 mg/L, Feb. 3, 1990; minimum daily mean, 1 mg/L, on several days during October 1989.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 63,800 tons, Feb. 3, 1990; minimum daily, 0.01 ton, on several days during October 1989.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 7,560 ft³/s, Mar. 10, gage height, 15.68 ft; minimum, 7.1 ft³/s, Oct. 12, 13, 14.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 1,710 mg/L, Nov. 30; minimum daily mean, 6 mg/L, Oct. 4.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 13,400 tons, Mar. 9; minimum daily, 0.14 ton, Oct. 4.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT												
01...	1545	8.8	83	7.4	30.0	7.5	0.010	0.030	0.010	0.060	0.030	2.6
16...	1750	11	80	7.4	18.0	8.8	0.010	0.030	0.030	0.070	0.040	2.5
29...	1415	15	73	7.0	21.5	7.3	0.030	0.120	0.060	0.430	0.150	3.6
NOV												
13...	1120	14	59	6.9	10.0	11.2	0.010	0.060	0.030	0.040	0.050	1.9
DEC												
04...	1705	158	36	--	9.0	10.6	0.020	0.110	0.030	0.110	0.080	5.8
10...	1315	211	37	7.0	12.0	11.0	0.020	0.110	0.040	0.080	0.100	2.7
17...	1205	58	41	6.4	9.0	10.5	0.020	0.110	0.070	0.050	0.070	5.2
JAN												
07...	1510	24	63	7.1	12.5	9.5	0.010	0.160	0.040	0.020	0.040	2.8
21...	1445	30	64	6.6	9.5	12.6	0.010	0.170	0.050	0.050	0.030	2.8
FEB												
05...	0925	24	73	7.5	6.5	10.9	0.010	0.080	0.010	<0.020	0.020	2.3
19...	1655	37	44	7.1	15.0	9.9	0.010	0.080	0.020	0.050	0.050	4.1
MAR												
05...	1115	33	--	7.1	18.0	8.9	0.010	0.110	0.020	0.050	0.040	5.9
16...	1145	39	47	6.6	15.0	9.8	0.010	0.170	<0.010	0.090	0.070	4.8
APR												
01...	1655	23	54	7.1	15.0	8.8	0.010	0.160	0.020	0.110	0.060	2.8
15...	0835	16	78	7.1	19.5	8.9	0.010	0.070	0.030	0.040	<0.010	2.6
27...	1500	14	80	6.5	20.0	9.0	<0.010	0.100	<0.010	0.040	0.030	2.7
MAY												
14...	1630	9.3	87	6.6	31.5	7.8	0.010	0.050	0.010	0.040	0.010	2.6
JUN												
10...	1550	27	51	7.1	32.5	6.6	0.010	0.070	0.030	0.100	0.060	5.0
15...	1500	24	62	6.9	33.5	7.0	0.010	0.040	0.020	0.070	0.040	3.2
23...	1330	8.7	97	7.4	30.0	7.6	<0.010	0.050	0.020	0.030	0.020	1.7
JUL												
07...	1700	8.7	--	7.3	36.5	7.0	<0.010	0.030	0.010	0.070	0.020	2.4
22...	1230	7.4	93	7.3	32.5	7.5	<0.010	0.040	0.020	0.040	0.020	2.3
AUG												
04...	0930	8.2	91	7.1	27.0	8.4	<0.010	0.040	0.040	0.050	0.030	3.0
19...	1020	7.9	96	7.5	25.5	9.2	<0.010	0.030	0.010	0.030	0.010	3.9
SEP												
02...	1130	7.9	87	7.0	26.5	8.5	<0.010	0.040	0.040	0.050	0.020	3.7
16...	1305	7.4	89	7.2	30.0	8.5	<0.010	0.020	0.010	0.030	0.010	2.5

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39333)	CARBO- FURAN WATER TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39363)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39571)	DI- ELDRIN, TOTAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39389)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN, WATER UNPLTRD REC (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39399)	FONOFOS (DY- FONATE) WATER TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39413)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39420)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39531)	METHIO- CARB WATER RECOV. (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39481)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39600)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39601)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39791)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39755)	MIREX, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYMYL WATER WHOLE TOT.REC (UG/L) (82613)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39519)	NAPH- THA- LENES, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERRIAL (UG/L) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE RECOV. (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOTAL TRI- THION (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (82184)	ATRA- ZINE WATER UNFLTRD REC (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
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FEB 19...	--	--	--	--	<0.01	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 23...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--

DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT. REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT. REC (UG/L) (82611)
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FEB 19...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
JUN 23...	--	--	--	--	--	--	--	--	--	--	--

DATE	PICLO- RAM (TOR- DON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOVER (UG/L) (30324)
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FEB 19...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10
JUN 23...	--	--	--	--	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)
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DEC 10...	1317	25.0	1	2	10	65	99	--	--
DEC 10...	1319	50.0	1	1	20	68	92	95	97
DEC 10...	1321	75.0	1	1	20	75	97	98	99
JUL 07...	1702	25.0	1	2	13	69	96	99	99
JUL 07...	1704	50.0	2	2	13	68	91	96	98
JUL 07...	1706	75.0	1	1	19	84	99	--	--

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	8.9	11	.27	96	103	41	2170	1680	12800
2	8.6	9	.20	25	21	1.5	1370	1300	9370
3	8.5	7	.17	17	14	.64	338	965	980
4	8.5	6	.14	15	14	.56	171	587	275
5	8.7	7	.17	14	16	.60	144	212	83
6	9.0	9	.21	14	15	.54	142	44	17
7	7.8	11	.24	14	15	.56	126	29	10
8	7.6	12	.24	15	16	.62	119	105	51
9	7.6	11	.23	15	15	.62	565	487	1020
10	7.4	10	.21	15	16	.64	236	139	96
11	7.3	10	.19	14	17	.65	170	69	32
12	7.3	9	.18	14	18	.67	156	62	26
13	7.1	9	.16	14	25	.93	824	578	2100
14	12	22	.82	14	30	1.1	182	157	81
15	13	25	.90	14	29	1.1	67	115	21
16	11	16	.47	13	28	.99	57	101	16
17	9.8	13	.35	13	26	.92	58	81	13
18	9.4	13	.32	13	26	.90	54	61	8.9
19	9.2	12	.30	16	39	1.8	39	44	4.6
20	9.1	14	.33	360	199	286	36	37	3.7
21	9.1	15	.38	118	43	15	36	35	3.4
22	9.1	16	.40	62	30	4.9	39	35	4.1
23	9.1	17	.42	47	25	3.2	154	125	67
24	10	17	.48	41	23	2.5	53	41	5.9
25	12	18	.60	37	21	2.1	41	31	3.4
26	12	18	.61	36	21	2.0	31	32	2.7
27	12	19	.63	35	21	2.0	27	33	2.4
28	14	20	.74	35	21	2.0	26	32	2.2
29	16	59	2.5	35	21	2.0	26	31	2.1
30	32	73	6.7	1750	1710	12900	26	29	2.0
31	21	25	1.5	---	---	---	25	28	1.9
JANUARY			FEBRUARY			MARCH			
1	24	27	1.7	26	32	2.3	23	34	2.1
2	31	58	6.5	25	30	2.1	22	30	1.7
3	40	67	7.9	25	31	2.1	22	29	1.8
4	30	34	2.8	24	32	2.1	29	105	8.0
5	27	29	2.1	24	27	1.8	31	89	7.1
6	26	23	1.6	23	27	1.7	30	36	2.9
7	25	32	2.1	23	28	1.7	30	30	2.4
8	126	113	71	23	29	1.8	30	29	2.3
9	78	88	19	23	30	1.8	1540	1190	13400
10	40	57	6.2	22	28	1.6	1190	938	5960
11	33	44	3.9	22	26	1.5	242	460	303
12	99	131	53	21	24	1.4	169	320	146
13	152	160	117	21	23	1.3	134	184	67
14	202	173	115	122	126	109	94	113	29
15	60	65	11	207	197	134	61	88	15
16	43	32	3.7	53	101	15	41	68	7.6
17	38	24	2.5	64	163	31	31	55	4.6
18	36	23	2.3	106	160	55	261	375	302
19	33	24	2.2	41	46	5.2	86	145	36
20	32	25	2.1	30	37	3.0	38	77	8.1
21	30	33	2.7	26	36	2.5	27	52	3.8
22	32	43	3.8	23	35	2.2	69	154	73
23	44	74	8.8	25	44	3.0	95	333	95
24	36	49	4.8	25	54	3.7	40	86	9.5
25	31	36	3.1	105	105	121	31	58	4.8
26	28	30	2.3	362	364	438	28	56	4.2
27	29	26	2.0	59	132	22	24	58	3.8
28	34	40	3.6	34	69	6.3	22	62	3.7
29	30	40	3.3	27	43	3.2	22	80	4.7
30	28	37	2.8	---	---	---	22	102	5.9
31	30	35	2.8	---	---	---	22	100	6.0

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	22	91	5.3	13	67	2.4	11	34	1.0
2	19	100	5.0	13	62	2.2	11	32	.93
3	17	83	3.8	12	57	1.9	295	919	1320
4	17	59	2.7	11	53	1.6	101	250	124
5	15	47	1.9	11	44	1.3	29	51	4.1
6	15	41	1.6	9.8	35	.94	37	113	59
7	29	120	9.9	9.6	29	.75	108	387	241
8	18	81	4.0	9.4	28	.72	69	307	208
9	14	73	2.8	9.5	30	.78	123	343	218
10	13	66	2.4	9.6	32	.84	414	861	6440
11	13	58	2.1	9.3	34	.86	612	941	3390
12	13	51	1.8	9.5	31	.79	215	803	842
13	13	46	1.6	10	26	.71	98	158	44
14	15	62	2.5	9.5	30	.77	39	90	9.6
15	e14	82	3.1	9.3	29	.74	24	61	4.0
16	e13	66	2.3	9.5	26	.67	19	53	2.7
17	e13	51	1.8	9.2	25	.62	15	42	1.7
18	e12	46	1.5	9.4	28	.72	12	32	1.1
19	e12	43	1.4	28	119	21	11	28	.88
20	e120	305	99	14	123	4.7	11	29	.82
21	e28	127	9.6	10	84	2.3	9.7	31	.80
22	e16	98	4.2	11	66	1.9	9.2	33	.83
23	e14	95	3.6	10	60	1.7	9.0	23	.55
24	e15	90	3.6	9.8	54	1.4	9.6	25	.64
25	e15	84	3.4	9.6	50	1.3	8.8	31	.73
26	e14	77	2.9	9.9	47	1.3	8.6	38	.87
27	e14	70	2.6	11	45	1.4	8.7	45	1.1
28	e13	73	2.6	12	44	1.4	8.3	49	1.1
29	e13	73	2.5	12	42	1.3	8.1	52	1.1
30	14	70	2.6	12	40	1.3	9.0	55	1.3
31	---	---	---	11	37	1.1	---	---	---
JULY			AUGUST			SEPTEMBER			
1	11	56	1.7	11	50	1.5	7.9	28	.60
2	9.4	51	1.3	8.2	39	.87	8.3	25	.56
3	8.7	45	1.1	9.0	58	1.5	10	42	1.2
4	8.2	45	.98	8.2	31	.68	11	43	1.3
5	9.7	68	1.8	12	69	3.0	9.4	40	1.0
6	11	43	1.3	12	32	1.0	8.7	39	.90
7	9.0	24	.59	9.5	27	.69	8.4	38	.86
8	7.9	28	.60	8.5	31	.70	9.4	43	1.1
9	7.5	30	.61	8.6	35	.82	12	132	4.4
10	7.3	30	.60	10	39	1.1	12	93	3.0
11	8.7	49	1.2	9.7	38	1.0	9.2	60	1.5
12	7.9	43	.92	9.4	36	.93	8.4	48	1.1
13	7.2	48	.93	11	35	1.0	8.1	39	.86
14	6.9	51	.94	10	33	.92	7.7	28	.57
15	7.6	53	1.1	9.0	31	.76	7.5	19	.39
16	9.2	60	1.5	8.3	29	.66	7.4	14	.28
17	15	140	5.6	7.9	24	.52	7.6	18	.36
18	11	81	2.5	7.9	20	.42	9.0	24	.59
19	9.2	69	1.7	7.9	16	.35	12	43	1.4
20	8.5	64	1.5	16	52	4.7	11	35	1.0
21	7.7	60	1.3	17	52	2.7	9.9	33	.89
22	7.3	57	1.1	12	38	1.2	12	45	1.5
23	6.9	54	1.0	11	36	1.0	11	39	1.2
24	6.9	51	.95	9.0	34	.84	10	27	.74
25	6.9	44	.82	40	172	29	9.9	22	.60
26	6.8	36	.65	11	96	2.9	13	29	1.0
27	7.1	36	.75	17	125	7.2	13	28	1.0
28	10	53	1.5	17	89	4.3	11	17	.52
29	14	54	3.2	11	54	1.5	10	16	.44
30	15	62	2.7	9.0	45	1.1	12	52	1.8
31	19	104	5.7	8.3	37	.82	---	---	---

e Estimated

07274000 YOCONA RIVER NEAR OXFORD, MS

LOCATION.--Lat 34°16'23", long 89°31'11", in SE4NW4 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. 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: Dec. 1-2. Records good, except for estimated discharges, which are poor. U.S. Army Corps of Engineers satellite telemeter at station.

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)
Dec. 2	unknown	*16,100	* ^a 27.15	No other peak greater than base discharge			

^a from flood mark

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	111	e7230	230	152	357	229	175	42	84	104	214
2	28	76	e12500	244	138	317	208	161	41	135	61	163
3	27	61	8860	254	129	294	186	136	589	69	72	561
4	27	54	3390	219	122	293	172	117	433	54	268	670
5	29	42	1990	200	120	281	153	98	197	69	203	408
6	30	34	1380	187	117	278	161	87	200	62	224	253
7	28	36	1110	174	111	303	772	86	733	55	109	180
8	28	41	997	236	100	256	472	82	547	47	73	136
9	29	40	1850	291	93	840	336	81	564	40	60	112
10	28	39	1910	265	89	6000	270	72	389	36	69	95
11	26	39	1410	209	86	2420	226	69	1530	34	77	80
12	26	37	943	401	87	1270	193	69	1080	32	97	67
13	25	37	2730	680	95	826	165	69	700	31	1180	60
14	85	38	2760	1060	333	603	154	58	393	30	494	54
15	57	39	1880	784	1480	473	138	57	293	67	271	51
16	32	38	1150	550	999	396	127	52	231	60	164	46
17	30	38	811	401	791	350	122	48	191	156	111	44
18	28	40	590	350	841	866	112	152	155	93	82	48
19	27	49	470	307	678	867	172	130	130	55	70	79
20	25	91	413	280	514	663	1280	80	109	42	62	50
21	25	87	383	259	412	485	1270	60	94	44	95	46
22	25	86	362	281	370	452	987	169	83	65	100	59
23	24	88	441	322	363	649	623	67	74	103	74	64
24	42	90	437	262	362	543	398	60	68	82	93	50
25	63	79	369	217	395	437	298	61	65	82	161	53
26	38	69	315	192	676	387	236	61	96	52	51	746
27	49	63	289	195	629	338	214	59	86	40	1710	709
28	37	60	325	211	497	285	199	52	67	48	1560	725
29	51	61	333	200	413	259	188	52	57	71	1160	402
30	105	1640	295	187	---	287	185	52	63	117	673	181
31	41	---	255	168	---	261	---	45	---	219	331	---
TOTAL	1144	3303	58178	9816	11192	22336	10246	2617	9300	2174	9859	6406
MEAN	36.9	110	1877	317	386	721	342	84.4	310	70.1	318	214
MAX	105	1640	12500	1060	1480	6000	1280	175	1530	219	1710	746
MIN	24	34	255	168	86	256	112	45	41	30	51	44
CFSM	.14	.42	7.16	1.21	1.47	2.75	1.30	.32	1.18	.27	1.21	.82
IN.	.16	.47	8.26	1.39	1.59	3.17	1.45	.37	1.32	.31	1.40	.91

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 1992, BY WATER YEAR (WY)

	73.4	290	597	566	698	778	738	473	213	118	74.1	110
MEAN	424	2145	3396	2086	2204	2558	2545	2055	931	665	487	1239
(WY)	1983	1958	1983	1974	1991	1973	1991	1983	1974	1989	1982	1958
MIN	12.0	12.8	37.7	44.2	112	95.5	84.0	52.7	19.1	16.6	8.20	7.15
(WY)	1957	1957	1956	1956	1972	1954	1986	1965	1988	1960	1954	1956

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1952 - 1992
ANNUAL TOTAL	322573	146571	
ANNUAL MEAN	884	400	392
HIGHEST ANNUAL MEAN			877
LOWEST ANNUAL MEAN			123
HIGHEST DAILY MEAN	20800	Feb 19	25600
LOWEST DAILY MEAN	24	Oct 23	5.1
ANNUAL SEVEN-DAY MINIMUM	26	Oct 17	5.7
INSTANTANEOUS PEAK FLOW		16100	Dec 2
INSTANTANEOUS PEAK STAGE		27.15a	Dec 2
INSTANTANEOUS LOW FLOW		23	Oct 22
ANNUAL RUNOFF (CFSM)	3.37	1.53	1.50
ANNUAL RUNOFF (INCHES)	45.80	20.81	20.35
10 PERCENT EXCEEDS	2000	830	978
50 PERCENT EXCEEDS	291	152	93
90 PERCENT EXCEEDS	37	39	17

YAZOO RIVER BASIN

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.--Estimated daily discharges: Oct. 3 - Nov. 30. Records good except for estimated daily discharges, which are poor.

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)
Dec. 1	0745	*1330	*9.71	Aug. 27	1215	535	6.94
Mar. 9	2300	398	6.34				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	e3.8	270	2.6	2.5	2.0	2.6	2.5	2.5	2.4	3.4	2.5
2	2.6	e2.0	104	3.2	2.5	2.0	2.5	2.5	2.5	2.2	2.8	2.9
3	e2.2	e2.0	14	2.5	2.5	2.1	2.5	2.5	14	2.5	2.6	9.6
4	e2.0	e2.0	4.8	2.5	2.5	2.0	2.5	2.5	2.4	2.2	2.8	2.5
5	e2.1	e2.0	3.8	2.5	2.5	2.4	2.5	2.5	2.2	7.1	10	2.5
6	e2.0	e2.0	3.3	2.5	2.5	2.1	13	2.5	17	2.1	3.3	2.5
7	e2.0	e2.0	3.2	2.5	2.5	2.0	15	2.7	3.7	2.0	3.0	2.4
8	e2.0	e2.0	9.7	2.9	2.2	2.0	3.7	2.5	16	2.0	3.0	2.4
9	e2.0	e2.0	38	2.5	2.2	63	3.2	2.5	2.4	2.2	3.0	2.4
10	e2.0	e2.0	6.8	2.5	2.2	45	2.9	2.5	19	2.2	3.2	2.3
11	e2.0	e2.0	4.1	2.5	2.2	5.4	2.8	2.5	9.5	2.2	4.7	2.3
12	e2.0	e2.0	3.5	5.5	2.4	4.1	2.7	2.5	3.8	2.2	7.3	2.3
13	e2.0	e2.0	44	8.2	2.2	3.4	2.6	2.5	2.4	2.2	20	2.3
14	e2.1	e2.0	6.6	3.0	14	3.2	2.6	2.5	2.3	2.2	2.6	2.3
15	e2.2	e2.0	4.0	2.5	3.1	2.8	2.6	2.5	2.2	3.9	2.5	2.3
16	e2.0	e2.0	3.5	2.5	2.0	2.6	2.6	2.5	2.2	6.2	2.5	2.3
17	e2.0	e2.0	3.2	2.5	3.3	3.5	2.6	2.5	2.2	2.7	2.5	2.5
18	e2.0	e2.6	2.9	2.6	2.7	8.7	2.6	2.6	2.2	2.2	2.6	2.5
19	e2.0	e4.6	2.6	2.5	2.0	3.8	2.9	2.7	2.2	2.4	2.6	2.7
20	e2.0	e4.8	2.6	2.5	2.0	2.9	26	2.6	2.2	6.6	2.6	2.3
21	e2.0	e3.1	2.6	2.5	2.0	2.7	4.3	2.7	2.2	2.1	2.7	2.7
22	e2.0	e2.3	3.1	3.6	2.0	6.4	2.8	2.8	2.2	2.0	2.6	2.7
23	e2.1	e2.1	3.2	2.6	2.2	3.6	2.6	2.8	2.3	2.0	2.6	2.3
24	e2.0	e2.1	2.6	2.5	2.0	2.8	2.6	2.8	2.3	2.0	2.7	2.3
25	e2.0	e2.0	2.5	2.5	3.2	2.9	2.6	2.8	2.3	2.1	2.6	2.4
26	e2.6	e2.0	2.5	2.5	2.3	2.7	2.5	2.9	7.7	2.2	2.6	5.6
27	e2.1	e2.0	2.5	2.8	2.0	2.6	2.5	2.5	2.2	3.3	95	2.0
28	e2.0	e2.0	2.9	2.5	2.0	2.6	2.5	2.5	2.2	2.7	5.0	2.0
29	e2.5	e2.0	2.6	2.5	2.0	2.6	2.5	2.5	2.2	9.8	2.8	2.0
30	e2.3	e29	2.6	2.5	---	7.6	2.5	2.5	2.8	4.6	2.7	2.0
31	e2.1	---	2.6	2.5	---	2.6	---	2.5	---	45	2.6	---
TOTAL	65.8	96.4	564.3	89.5	79.7	204.1	127.8	79.9	141.3	137.5	210.9	81.8
MEAN	2.12	3.21	18.2	2.89	2.75	6.58	4.26	2.58	4.71	4.44	6.80	2.73
MAX	2.9	29	270	8.2	14	63	26	2.9	19	45	95	9.6
MIN	2.0	2.0	2.5	2.5	2.0	2.0	2.5	2.5	2.2	2.0	2.5	2.0
CFSM	.94	1.43	8.09	1.28	1.22	2.93	1.89	1.15	2.09	1.97	3.02	1.21
IN.	1.09	1.59	9.33	1.48	1.32	3.37	2.11	1.32	2.34	2.27	3.49	1.35

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1992, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	2.64	5.37	8.90	5.73	12.8	5.99	7.32	5.37
MAX	3.66	14.2	19.4	13.1	35.5	9.12	29.5	9.80
(WY)	1987	1987	1991	1989	1991	1990	1991	1985
MIN	1.96	3.21	2.69	2.65	2.60	3.72	2.36	2.30
(WY)	1990	1992	1990	1986	1986	1988	1986	1987

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1985 - 1992

ANNUAL TOTAL	3668.9	1879.0	5.62
ANNUAL MEAN	10.1	5.13	10.2
HIGHEST ANNUAL MEAN			3.61
LOWEST ANNUAL MEAN			1.7
HIGHEST DAILY MEAN	556	270	556
LOWEST DAILY MEAN	2.0	2.0	1.7
ANNUAL SEVEN-DAY MINIMUM	2.0	2.0	1.7
INSTANTANEOUS PEAK FLOW		1330	1800
INSTANTANEOUS PEAK STAGE		9.71	11.00
INSTANTANEOUS LOW FLOW		1.9a	1.4
ANNUAL RUNOFF (CFSM)	4.47	2.28	2.50
ANNUAL RUNOFF (INCHES)	60.66	31.07	33.93
10 PERCENT EXCEEDS	11	5.5	6.4
50 PERCENT EXCEEDS	3.0	2.5	2.6
90 PERCENT EXCEEDS	2.0	2.0	2.0

a May have been less during period of estimated record (Oct. 3 - Nov. 30).

07274251 TOWN CREEK AT WATER VALLEY, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976, 1988 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

		DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	
DATE	TIME								
MAY									
28...	1830	2.5	74	6.7	20.5	8.6	540	240	
29...	0030	2.5	74	6.6	18.0	7.2	2100	460	
29...	0630	2.5	74	6.6	17.0	8.4	940	500	
29...	1230	2.5	75	6.6	18.5	9.4	K1800	370	
29...	1830	2.5	74	6.3	20.0	8.4	720	360	
30...	0030	2.5	73	6.6	17.0	8.4	480	520	
30...	0630	2.5	74	6.6	16.5	8.6	640	440	
30...	1230	2.5	73	6.7	20.0	10.0	240	120	
30...	1830	2.5	74	6.7	20.0	8.8	K350	100	
AUG									
27...	0630	4.9	75	6.6	20.0	7.2	>6000	>10000	
27...	1230	511	32	6.5	22.5	7.8	K19000	K34000	
27...	1830	41	34	6.4	23.0	7.7	K16000	18000	
28...	0030	10	49	6.3	22.0	7.4	K19000	K22000	
28...	0630	5.7	64	6.5	20.0	7.6	5200	4900	
28...	1230	4.4	77	6.6	21.5	7.8	>6000	5800	
28...	1830	3.4	78	6.5	21.0	7.6	K6200	5400	
29...	0030	3.2	82	6.2	18.5	7.7	4500	5100	
29...	0630	2.8	86	6.7	17.5	8.0	5700	2600	
DATE		NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, PENDE (T/DAY) (80155)
MAY									
28...		<0.010	0.550	0.040	<0.020	0.010	<0.3	30	0.20
29...		<0.010	0.570	0.040	<0.020	0.020	<0.3	56	0.38
29...		<0.010	0.570	0.040	<0.020	0.010	<0.3	26	0.18
29...		0.010	0.560	0.040	<0.020	0.020	<0.3	22	0.15
29...		<0.010	0.560	0.040	<0.020	0.010	<0.3	78	0.53
30...		<0.010	0.570	0.040	<0.020	0.010	<0.3	113	0.76
30...		<0.010	0.570	0.040	<0.020	0.010	<0.3	54	0.36
30...		<0.010	0.550	0.040	<0.020	0.010	<0.3	47	0.32
30...		<0.010	0.540	0.030	<0.020	0.010	<0.3	20	0.13
AUG									
27...		0.010	0.470	0.050	0.040	0.030	4.4	15	0.20
27...		0.040	0.150	0.060	0.540	0.300	11	2190	3020
27...		0.030	0.100	0.050	0.230	0.160	11	243	27
28...		0.020	0.190	0.060	0.120	0.120	9.2	95	2.6
28...		0.010	0.280	0.030	0.080	0.080	5.4	59	0.91
28...		0.010	0.370	0.110	0.070	0.070	5.0	29	0.34
28...		0.010	0.410	0.030	0.050	0.040	3.8	25	0.23
29...		0.010	0.460	0.040	0.040	0.030	3.3	23	0.20
29...		<0.010	0.500	0.040	0.030	0.030	2.5	22	0.17

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS

LOCATION.--Lat 34°08'36", long 89°38'59", in SEWNEE sec.7, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, on right bank at upstream side of bridge on State Highway 7 Bypass, 1.0 mi west of Water Valley, 4.2 mi upstream from mouth, and 0.1 mi downstream from Johnson Creek.

DRAINAGE AREA.--97.1 mi²

PERIOD OF RECORD.--Water years 1985 to current year.

PERIOD OF DAILY RECORD.--

DISCHARGE: July 1985 to current year.
SPECIFIC CONDUCTANCE: August 1985 to July 1987.
pH: October 1985 to July 1987.
WATER TEMPERATURE: June 1985 to July 1987.
DISSOLVED OXYGEN: August 1985 to July 1987.
SUSPENDED SEDIMENT CONCENTRATION: July 1985 to current year.
SUSPENDED SEDIMENT DISCHARGE: July 1985 to current year.

INSTRUMENTATION.--Water-stage recorder and crest-stage gage. Datum of gage is 250.95 ft above National Geodetic Vertical Datum of 1929. Automatic pumping sediment sampler since July 1985.

REMARKS.--Unpublished records of daily specific conductance, pH, water temperature, and dissolved oxygen during selected storm events are available in files of District office. Estimated daily discharges: Oct. 1-24. Discharge records good except for estimated daily discharges, which are poor, and the period Oct. 25-Nov. 30, which is fair.

AVERAGE DISCHARGE.--7 years, 187 ft³/s, 26.15 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 17,700 ft³/s, Feb. 19, 1991, gage height, 18.23 ft; maximum gage height, 20.10 ft, May 1, 1991; minimum, 11 ft³/s, Sept. 29, 1987.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 7,520 mg/L, Nov. 30, 1991; minimum daily mean, 3 mg/L, Sept. 21-22, 1985.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 172,000 tons, Dec. 1, 1991; minimum daily, 0.22 ton, Sept. 22, 1985.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 11,500 ft³/s, Dec. 1, gage height, 17.45 ft; minimum, 24 ft³/s, Jul. 13.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 7,520 mg/L, Nov. 30; minimum daily mean, 24 mg/L, May 10.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 172,000 tons, Dec. 1; minimum daily, 2.2 tons, July 13, 14.

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
01...	1605	423	83	6.5	20.5	9.7	--	--
16...	1645	239	76	7.0	16.0	9.1	--	--
29...	1315	56	56	6.8	20.0	7.2	--	--
NOV								
13...	1245	39	82	6.7	10.5	11.2	--	--
DEC								
05...	1120	180	47	--	8.0	11.0	--	--
10...	1415	402	39	6.7	11.5	11.0	--	--
17...	1045	522	50	6.6	7.0	10.4	--	--
JAN								
08...	0800	79	60	7.1	9.0	10.6	--	--
21...	1200	71	57	6.3	5.5	13.5	--	--
FEB								
05...	1235	74	63	7.2	8.0	10.8	--	--
19...	1315	133	54	6.7	13.5	10.5	--	--
MAR								
05...	1600	78	65	6.9	18.5	8.6	--	--
10...	1030	2170	--	--	--	--	--	--
17...	1620	117	56	6.7	16.0	9.1	--	--
APR								
01...	0925	95	61	6.7	12.0	9.6	--	--
15...	1040	61	75	6.8	20.0	8.8	--	--
28...	1140	85	65	6.3	15.5	10.5	--	--
MAY								
15...	0815	40	70	6.4	19.0	9.6	--	--
28...	1900	46	69	7.0	20.5	8.0	420	130
29...	0100	46	73	6.8	18.0	7.2	520	320
29...	0700	46	74	6.6	17.0	8.5	780	260
29...	1300	46	71	6.9	19.5	8.4	640	240
29...	1900	49	72	6.7	20.0	8.2	400	220
30...	0100	48	72	6.8	18.0	8.4	700	290
30...	0700	48	72	6.8	16.5	8.9	560	440
30...	1300	48	70	7.0	24.0	8.7	220	110
30...	1900	45	71	6.9	24.0	7.6	400	140
JUN								
11...	0955	1030	31	6.6	21.0	7.5	--	--
15...	1650	109	57	6.7	29.5	7.2	--	--
22...	1450	44	62	7.0	28.0	8.1	--	--
JUL								
08...	0830	30	77	6.7	24.0	8.0	--	--
22...	1600	36	72	6.7	29.0	6.7	--	--
AUG								
04...	1905	53	68	6.8	28.0	7.0	--	--
18...	1555	71	57	6.6	25.5	8.4	--	--
27...	0700	42	82	6.8	23.0	7.0	700	2000
27...	1300	4230	37	6.4	22.5	7.2	K12000	K37000
27...	1900	2790	30	6.1	23.5	6.8	7600	K21000
28...	0100	1690	29	6.1	22.5	7.0	8400	18000
28...	0700	649	34	6.4	22.0	6.7	K3200	9000
28...	1300	368	46	6.7	23.0	7.1	K8700	8200
28...	1900	276	38	6.8	23.5	7.2	2600	6500
29...	0100	219	43	6.5	21.0	7.7	3100	2100
29...	0700	190	49	6.9	19.5	8.2	4400	2000
SEP								
01...	1620	84	--	6.4	26.5	8.3	--	--
15...	1445	32	70	6.5	27.0	9.0	--	--

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT								
01...	0.030	0.230	0.410	0.400	0.330	2.4	--	--
16...	0.100	0.310	0.200	0.410	0.370	1.6	--	--
29...	0.010	0.370	0.100	0.230	0.180	2.1	--	--
NOV								
13...	0.020	0.360	0.140	0.400	0.340	1.7	--	--
DEC								
05...	0.020	0.210	0.090	0.140	0.100	3.1	--	--
10...	0.020	0.150	0.080	0.170	0.150	5.0	--	--
17...	0.020	0.200	0.200	0.240	0.200	2.6	--	--
JAN								
08...	0.010	0.180	0.350	0.200	0.190	2.4	--	--
21...	0.010	0.170	0.380	0.160	0.150	2.4	--	--
FEB								
05...	0.010	0.150	0.480	0.150	0.160	2.2	--	--
19...	0.010	0.120	0.400	0.160	0.160	3.4	--	--
MAR								
05...	0.020	0.150	0.620	0.210	0.190	4.0	--	--
10...	--	--	--	--	--	--	1700	9960
17...	0.010	0.170	0.450	0.180	0.160	3.0	--	--
APR								
01...	0.020	0.170	0.510	0.200	0.160	2.6	--	--
15...	0.040	0.190	0.750	0.300	0.240	2.8	--	--
28...	0.050	0.240	0.470	0.230	0.220	2.6	--	--
MAY								
15...	0.090	0.350	0.260	0.300	0.230	1.9	--	--
28...	0.090	0.400	0.100	0.310	0.240	1.5	61	7.6
29...	0.090	0.410	0.110	0.300	0.230	1.6	87	11
29...	0.100	0.430	0.110	0.310	0.250	1.2	45	5.6
29...	0.110	0.410	0.110	0.300	0.240	1.0	76	9.4
29...	0.120	0.400	0.100	0.300	0.230	0.7	52	6.9
30...	0.120	0.420	0.110	0.330	0.240	0.9	73	9.5
30...	0.120	0.420	0.100	0.310	0.240	0.8	88	11
30...	0.110	0.410	0.100	0.310	0.270	1.2	66	8.6
30...	0.100	0.390	0.100	0.300	0.220	0.9	45	5.5
JUN								
11...	0.040	0.190	0.060	0.380	0.170	11	--	--
15...	0.020	0.190	0.080	0.180	0.130	2.0	--	--
22...	0.010	0.190	0.130	0.400	0.360	2.1	--	--
JUL								
08...	<0.010	0.240	0.130	0.330	0.290	2.5	--	--
22...	0.010	0.350	0.200	0.370	0.310	3.6	--	--
AUG								
04...	0.010	0.150	0.130	0.270	0.240	3.3	--	--
18...	0.010	0.240	0.140	0.210	0.160	3.2	--	--
27...	0.010	0.230	0.250	0.300	0.280	3.2	27	3.1
27...	0.040	0.140	0.090	0.350	0.290	9.7	2270	25900
27...	0.040	0.070	0.080	0.350	0.240	12	1570	11800
28...	0.040	0.100	0.110	0.310	0.240	12	914	4170
28...	0.030	0.130	0.080	0.320	0.210	10	622	1090
28...	0.030	0.130	0.130	0.100	0.210	9.1	284	282
28...	0.020	0.120	0.110	0.250	0.200	8.8	187	139
29...	0.020	0.130	0.120	0.220	0.180	6.6	128	76
29...	0.020	0.130	0.130	0.210	0.210	6.4	223	114
SEP								
01...	0.010	0.150	0.170	0.220	0.230	4.2	--	--
15...	0.030	0.210	0.150	0.340	0.310	3.6	--	--

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

		COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	
MAY 30...	1300	30	3.8	1.6	6.8	1.8	18	3.6	6.4	<0.10	13	
AUG 28...	1300	140	2.0	0.90	2.6	2.1	6.4	3.7	3.1	<0.10	8.7	
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL TOM MA- TERIAL (UG/G AS AS) (01002)	ARSENIC TOTAL TOM MA- TERIAL (UG/G AS AS) (01003)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD) (01028)
MAY 30...	48	51	0.110	0.410	0.090	0.230	260	<1	6	<1	<1	
AUG 28...	46	28	0.010	0.130	0.090	0.080	2900	2	<2	<1	<1	
DATE		CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01029)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CO) (01038)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CU) (01043)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	
MAY 30...	5	1	<1	<5	3	2	1400	450	2100	<1		
AUG 28...	6	1	3	<5	6	<1	5800	140	1400	5		
DATE		LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB) (01052)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G AS HG) (71921)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SELE- NIUM, IN BOT- TOM MA- TERIAL (UG/G) (01148)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	
MAY 30...	<10	130	110	160	<0.10	<0.01	<1	<1	10	<1		
AUG 28...	<10	390	220	88	<0.10	<0.01	<1	<1	40	<1		

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF-OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39333)	CARBO-FURAN WATER WHOLE TOT.REC (UG/L) (82615)	3-HYDRX CARBO-FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39350)	CHLOR-DANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39351)	CHLOR-DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL (UG/L) (39360)	DDD, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39363)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 05...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 22...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39373)	DEF, TOTAL (UG/L) (39040)	DI-AZINON, TOTAL (UG/L) (39570)	DI-AZINON, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39571)	DI-ELDRIN, TOTAL (UG/L) (39380)	DI-ELDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39383)	DI-SYSTON TOTAL (UG/L) (39011)	ENDO-SULFAN, TOTAL (UG/L) (39388)	ENDO-SULFAN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39389)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 05...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 22...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN, TOTAL UNFLTRD (UG/L) (39390)	ENDRIN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39399)	FONOFOS (DY-FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39413)	HEPTA-CHLOR, TOTAL EPOXIDE BOTTOM (UG/L) (39420)	HEPTA-CHLOR, TOTAL EPOXIDE BOTTOM (UG/KG) (39423)	LINDANE, TOTAL (UG/L) (39340)	LINDANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39343)	MALA-THION, TOTAL (UG/L) (39530)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 05...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 22...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39531)	METHIO-CARB WATER WHOLE RECOVER (UG/L) (30282)	METHO-MYL TOTAL (UG/L) (39051)	METH-OXY-CHLOR, TOTAL (UG/L) (39480)	METH-OXY-CHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	METHYL PARA-THION, TOTAL (UG/L) (39600)	METHYL PARA-THION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/L) (39791)	METHYL TRI-THION, TOT. IN BOTTOM MATL. (UG/KG) (39795)	MIREX, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39758)	1-NAPH-THOL WATER WHOLE RECOVER (UG/L) (77441)	OXYAMYL WATER WHOLE TOT.REC (UG/L) (82613)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 05...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 22...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA-THION, TOTAL (UG/L) (39540)	PARA-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39519)	NAPH-THA-LENES, POLY-CHLOR, TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39251)	PER-THANE, TOTAL (UG/L) (39034)	PER-THANE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (81886)	PHORATE, TOTAL (UG/L) (39023)	PROPHAM, TOTAL (UG/L) (39052)	PROPO-XUR WATER WHOLE RECOVER (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 05...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 22...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOTAL THION (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (82184)	ATRA- ZINE WATER UNFLTRD REC (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
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FEB 19...	--	--	--	--	0.05	<0.01	<0.01	--	--	--	--	--
MAR 05...	--	--	--	--	--	--	--	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 22...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--

DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT. REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT. REC (UG/L) (82611)
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FEB 19...	--	--	--	--	--	--	0.01	--	--	--	--
MAR 05...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	--	<0.10	<0.20	<0.20	<0.10
JUN 22...	--	--	--	--	--	--	--	--	--	--	--

DATE	PICLO- RAM (TOR- DON) (AMDON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOV. (UG/L) (30324)
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FEB 19...	<0.01	--	--	--	--	<0.01	--	--	--	--	--
MAR 05...	--	<0.20	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.20	<0.10	<0.10
JUN 22...	--	--	--	--	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)
MAR 10...	1030	14	18	24	34	48	62	69	87	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
DEC 10...	1417	25.0	1	2	14	93	100
DEC 10...	1419	50.0	1	1	8	75	99
DEC 10...	1421	75.0	12	12	26	91	100
MAR 10...	1032	25.0	1	2	10	93	100
MAR 10...	1034	50.0	1	1	13	83	100
MAR 10...	1036	75.0	1	2	19	98	100
JUL 08...	0832	25.0	1	1	19	77	98
JUL 08...	0834	50.0	1	1	18	75	99

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	e39	57	6.0	223	1640	1040	8510	7450	172000
2	e38	56	5.7	87	251	62	4810	2340	32000
3	e36	63	6.2	57	94	14	1390	1040	4980
4	e34	59	5.4	49	65	8.5	288	318	255
5	e37	54	5.4	46	61	7.6	181	165	82
6	e40	51	5.5	44	58	6.9	138	123	46
7	e38	48	4.9	42	55	6.3	117	111	35
8	e37	53	5.3	47	53	6.8	210	746	838
9	e38	62	6.4	49	55	7.2	1300	2440	11400
10	e37	67	6.7	47	56	7.1	536	707	1380
11	e35	71	6.7	44	58	6.9	313	126	107
12	e34	79	7.3	42	61	6.9	290	86	67
13	e33	82	7.3	40	63	6.9	2150	5020	40400
14	e64	97	17	43	74	8.6	731	1930	4080
15	e110	85	25	40	96	10	563	410	624
16	e50	51	6.8	40	107	12	553	175	262
17	e40	54	5.8	40	112	12	509	93	129
18	e37	45	4.5	40	118	13	447	47	57
19	e35	41	3.9	44	149	18	383	46	47
20	e34	37	3.4	454	1420	1830	329	45	40
21	e33	33	2.9	148	200	82	295	46	37
22	e32	47	4.0	115	128	40	262	51	36
23	e33	61	5.5	87	101	24	292	134	107
24	e98	146	39	65	85	15	235	78	50
25	166	210	111	58	71	11	184	51	25
26	76	105	22	54	65	9.3	155	42	18
27	73	83	16	56	62	9.4	138	45	17
28	63	66	11	54	75	11	153	79	33
29	62	70	12	53	110	16	129	56	19
30	94	131	33	1220	7520	33000	109	49	14
31	66	98	18	---	---	---	98	57	15
JANUARY			FEBRUARY			MARCH			
1	92	84	21	65	38	6.6	78	46	9.7
2	93	202	51	62	37	6.2	73	45	9.0
3	92	211	53	62	36	6.1	72	44	8.6
4	82	172	38	64	37	6.4	75	43	8.7
5	78	148	31	73	40	7.8	77	52	11
6	77	128	27	67	48	8.7	77	51	11
7	74	103	20	64	43	7.4	77	44	9.2
8	104	128	39	62	28	4.7	67	37	6.8
9	99	130	36	62	26	4.2	657	726	3710
10	82	92	20	62	31	5.2	2100	1710	12200
11	74	85	17	62	33	5.6	377	488	521
12	217	277	185	63	32	5.5	264	170	123
13	314	899	1220	69	31	5.8	203	92	50
14	320	955	1080	255	1780	4980	176	75	36
15	138	151	60	901	3220	11200	147	66	26
16	107	106	31	213	169	101	128	58	20
17	93	83	21	179	137	67	121	70	23
18	88	80	19	231	188	123	283	361	311
19	83	76	17	139	88	34	256	131	98
20	75	61	12	109	63	19	151	70	29
21	72	47	9.1	98	50	13	120	49	16
22	93	125	36	91	47	11	169	132	88
23	103	135	39	93	51	13	285	226	192
24	77	59	12	96	56	14	145	100	39
25	71	43	8.3	116	117	44	122	74	24
26	67	50	8.9	224	202	128	109	61	18
27	73	63	13	132	82	30	93	55	14
28	84	67	15	102	54	15	82	49	11
29	76	77	16	89	47	11	79	46	9.8
30	71	48	9.2	---	---	---	235	366	276
31	69	38	7.0	---	---	---	125	173	60

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	92	91	23	71	41	7.9	41	48	5.3
2	80	78	17	65	40	7.1	40	44	4.8
3	75	67	14	62	41	6.8	385	1320	2300
4	73	62	12	57	41	6.3	155	444	218
5	66	61	11	54	42	6.0	82	164	37
6	79	182	85	50	37	5.0	149	614	1110
7	374	1130	1330	47	32	4.1	283	2460	2720
8	138	174	69	46	31	3.8	769	1800	6050
9	98	91	24	44	28	3.3	264	501	403
10	89	82	20	42	24	2.7	248	492	1370
11	80	73	16	42	41	4.9	1040	1880	7850
12	73	65	13	41	37	4.1	681	1340	4610
13	65	58	10	45	36	4.4	333	401	411
14	63	52	8.8	41	49	5.5	166	146	67
15	61	60	9.8	40	70	7.5	113	79	24
16	58	68	11	37	54	5.5	91	63	15
17	58	74	12	37	52	5.2	76	56	11
18	54	81	12	106	315	207	66	49	8.7
19	80	137	30	87	310	93	58	43	6.8
20	962	1830	6460	54	91	13	54	39	5.6
21	401	654	854	47	79	9.9	50	36	4.9
22	186	161	84	50	71	9.7	44	34	4.1
23	138	84	31	44	68	8.1	43	34	3.9
24	116	68	21	41	71	7.9	40	33	3.6
25	103	59	16	43	74	8.6	36	32	3.2
26	93	58	14	49	67	8.9	95	145	43
27	88	57	13	51	55	7.6	59	105	17
28	84	54	12	47	58	7.4	40	67	7.3
29	80	48	10	47	62	8.0	36	54	5.2
30	76	44	9.1	47	67	8.5	44	87	11
31	---	---	---	43	59	6.8	---	---	---
JULY			AUGUST			SEPTEMBER			
1	53	78	11	118	347	120	87	40	9.4
2	42	59	6.7	66	151	27	79	49	10
3	47	77	11	51	105	14	200	341	421
4	36	51	5.0	48	74	9.6	103	88	26
5	91	158	56	149	346	294	73	59	12
6	57	131	21	113	277	93	63	55	9.4
7	36	70	6.9	60	112	18	56	51	7.8
8	31	43	3.6	43	77	9.0	51	46	6.4
9	29	40	3.1	37	53	5.3	47	41	5.2
10	29	38	3.0	34	36	3.4	44	37	4.4
11	27	36	2.7	132	411	229	41	34	3.7
12	25	34	2.4	308	554	1170	39	32	3.3
13	25	33	2.2	1130	1090	5040	36	30	2.9
14	26	31	2.2	180	131	67	35	28	2.7
15	36	50	5.1	130	121	44	33	28	2.5
16	57	84	25	94	67	17	31	27	2.3
17	143	192	80	82	49	11	31	36	2.9
18	47	92	12	72	35	6.8	33	50	4.6
19	35	70	6.6	66	28	5.0	34	48	4.5
20	37	73	8.1	61	26	4.3	31	41	3.4
21	114	179	66	56	25	3.7	36	79	9.8
22	51	108	18	53	26	3.7	52	104	14
23	77	147	31	51	28	3.9	40	84	9.1
24	38	82	8.6	47	30	3.8	32	62	5.5
25	44	71	9.2	42	29	3.4	31	58	4.9
26	32	60	5.3	38	27	2.8	645	634	1630
27	37	69	7.3	1710	959	7880	168	167	89
28	36	54	5.2	601	425	971	77	71	15
29	53	364	153	176	174	83	59	57	9.1
30	151	908	456	121	101	33	50	51	6.9
31	785	2180	6270	100	50	14	---	---	---

e Estimated

07275530 PETERS (LONG) CREEK NEAR POPE, MS

LOCATION.--Lat 34°12'50", long 89°58'54", in NW4SE4 sec.18, T.10 S., R.7 W., Choctaw Meridian, Panola County, Hydrologic Unit 08030203, near right bank on downstream side of bridge on county road, 1.5 mi west of Pope, 3.0 mi upstream from mouth, and 0.4 mi downstream from Bobo Bayou.

DRAINAGE AREA.--79.2 mi²

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

DISCHARGE: December 1986 to current year.

SPECIFIC CONDUCTANCE: February to April 1987.

pH: February to April 1987.

WATER TEMPERATURE: February to April 1987.

SUSPENDED SEDIMENT CONCENTRATION: December 1986 to current year.

SUSPENDED SEDIMENT DISCHARGE: December 1986 to current year.

INSTRUMENTATION.--Water-stage recorder and crest-stage gage. Datum of gage is 182.51 ft above National Geodetic Vertical Datum of 1929. Automatic pumping sediment sampler since December 1986.

REMARKS.--Unpublished records of daily specific conductance, pH, and water temperature during selected storm events are available in files of District office. No estimated daily discharges. Discharge records good.

AVERAGE DISCHARGE.--5 years, 153 ft³/s, 26.23 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 26,500 ft³/s, Feb. 3, 1990, gage height, 19.86 ft; maximum gage height, 21.13 ft, Feb. 19, 1991; minimum, 1.6 ft³/s, Sept. 8, 9, 1988.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 6,490 mg/L, Nov. 30, 1991; minimum daily mean, 1 mg/L, July 29, 1988, Dec. 8-13, 1989, Oct. 13, 14, 1991.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 167,000 tons, Feb. 3, 1990; minimum daily, 0.03 ton, July 29, Oct. 12, 13, 1988.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 20,200 ft³/s, Mar. 9, gage height, 19.09 ft; minimum, 9.6 ft³/s, Jun. 10, Sept. 11-13, 15-17.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 6,490 mg/L, Nov. 30; minimum daily mean, 1 mg/L, Oct. 13, 14.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 138,000 tons, Nov. 30; minimum daily, 0.04 ton, Oct. 13, 14.

07275530 PETERS (LONG) CREEK NEAR POPE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)
OCT							
01...	1410	13	96	7.0	26.0	11.0	0.010
17...	1115	13	99	7.4	16.0	11.0	<0.010
30...	1000	34	98	7.2	20.0	7.7	0.020
NOV							
13...	0900	15	103	7.0	6.5	12.2	<0.010
DEC							
05...	0900	65	65	--	5.0	11.0	0.020
10...	0930	272	39	6.9	10.0	11.0	0.020
17...	1510	45	78	6.8	10.5	10.0	0.010
JAN							
07...	1640	25	83	7.2	12.0	10.0	<0.010
21...	1315	35	77	6.3	8.5	13.1	0.010
FEB							
05...	1020	29	89	7.3	7.5	11.2	0.010
20...	1350	52	72	6.5	15.0	9.8	0.010
MAR							
05...	0955	65	67	7.0	15.5	9.3	0.010
10...	0100	17000	--	--	--	--	--
17...	1015	99	83	6.9	14.5	10.3	0.010
APR							
02...	0845	32	86	7.1	10.5	9.0	<0.010
15...	0930	18	96	8.3	21.0	8.7	<0.010
27...	1245	18	94	6.6	18.5	10.0	<0.010
MAY							
12...	1315	23	94	6.3	23.5	9.0	<0.010
JUN							
10...	1510	10	76	7.0	32.5	6.3	0.010
15...	1210	26	80	7.0	28.5	8.3	0.010
23...	1525	17	95	7.4	32.0	9.1	<0.010
JUL							
07...	1100	16	95	7.2	30.5	8.9	<0.010
22...	1130	14	99	6.9	29.5	8.6	<0.010
AUG							
03...	1210	14	94	7.4	33.0	9.1	<0.010
19...	0915	13	86	6.8	23.5	8.6	<0.010
SEP							
02...	1240	10	98	7.1	27.5	9.6	<0.010
16...	1450	9.6	97	7.1	30.5	10.3	<0.010

07275530 PETERS (LONG) CREEK NEAR POPE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT							
01...	0.020	0.010	0.040	0.020	1.5	--	--
17...	0.070	0.020	0.030	0.010	1.0	--	--
30...	0.130	0.040	0.180	0.120	1.7	--	--
NOV							
13...	0.120	0.040	0.030	0.020	0.9	--	--
DEC							
05...	0.330	0.070	0.080	0.070	3.2	--	--
10...	0.190	0.040	0.110	0.120	6.6	--	--
17...	0.320	0.050	0.020	0.040	2.3	--	--
JAN							
07...	0.210	0.020	0.010	0.020	2.6	--	--
21...	0.360	0.040	0.040	0.030	1.7	--	--
FEB							
05...	0.150	0.010	0.030	0.010	1.8	--	--
20...	0.220	0.040	0.070	0.060	3.4	--	--
MAR							
05...	0.130	0.020	0.120	0.080	3.8	--	--
10...	--	--	--	--	--	3520	162000
17...	0.370	0.010	0.090	0.060	2.5	--	--
APR							
02...	0.140	0.010	0.100	0.030	2.1	--	--
15...	0.030	0.010	0.040	<0.010	1.8	--	--
27...	0.100	0.010	0.030	0.020	1.2	--	--
MAY							
12...	0.050	0.010	0.040	0.010	1.1	--	--
JUN							
10...	0.190	0.040	0.100	0.090	5.0	--	--
15...	0.130	0.020	0.060	0.050	1.4	--	--
23...	<0.020	0.010	0.030	0.020	0.4	--	--
JUL							
07...	<0.020	0.010	0.060	0.020	1.5	--	--
22...	0.030	0.010	0.040	0.020	1.7	--	--
AUG							
03...	<0.020	0.010	0.050	0.030	2.3	--	--
19...	0.020	0.010	0.030	0.010	2.1	--	--
SEP							
02...	0.040	0.070	0.020	0.020	2.2	--	--
16...	0.020	0.010	0.040	0.020	1.7	--	--

07275530 PETERS (LONG) CREEK NEAR POPE, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER TOT.REC (UG/L) (82586)	ALDRIN, TOTAL (UG/L) (39330)	ALDRIN, IN BOT- TOM MA- TERIAL (UG/KG) (39333)	CARBO- FURAN WATER TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL (UG/L) (39350)	CHLOR- DANE, IN BOT- TOM MA- TERIAL (UG/KG) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL (UG/L) (39360)	DDD, IN BOT- TOM MA- TERIAL (UG/KG) (39363)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, IN BOT- TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, IN BOT- TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN IN BOT- TOM MA- TERIAL (UG/KG) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, IN BOT- TOM MA- TERIAL (UG/KG) (39389)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN WATER UNFLTRD REC (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, IN BOT- TOM MA- TERIAL (UG/KG) (39399)	FONOFOS (DY- FONATE) WATER TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR, IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL (UG/L) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39531)	METHIO- CARB WATER RECOV. (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG) (39791)	MIREX, TOTAL (UG/L) (39755)	MIREX, IN BOT- TOM MA- TERIAL (UG/KG) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYAMYL WATER WHOLE TOT.REC (UG/L) (82613)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, IN BOT- TOM MA- TERIAL (UG/KG) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, IN BOT- TOM MA- TERIAL (UG/KG) (39519)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER RECOV. (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5
DATE	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOTAL TRI- THION (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (UG/L) (82184)	ATRA- ZINE WATER UNFLTRD REC (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
FEB 20...	--	--	--	--	0.04	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 23...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--

07275530 PETERS (LONG) CREEK NEAR POPE, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER WHOLE RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER WHOLE RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER WHOLE RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER WHOLE RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT.REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT.REC (UG/L) (82611)
FEB 20...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
JUN 23...	--	--	--	--	--	--	--	--	--	--	--
DATE	PICLO- RAM (TOR- DON) (AMDON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER WHOLE RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER WHOLE RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOV. (UG/L) (30324)
FEB 20...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10
JUN 23...	--	--	--	--	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM (70346)
MAR 10...	0100	12	14	19	31	55	78	80	90	98	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)
DEC 10...	0932	25.0	1	1	6	38	74	80	84
DEC 10...	0934	50.0	1	1	1	54	99	--	--
DEC 10...	0936	75.0	1	2	6	42	69	78	88
MAR 10...	0102	25.0	1	2	9	85	100	--	--
MAR 10...	0104	50.0	1	1	4	42	82	92	97
MAR 10...	0106	75.0	6	6	6	10	21	34	52
JUL 07...	1102	25.0	1	1	8	39	66	78	87
JUL 07...	1104	50.0	1	1	6	72	95	98	99
JUL 07...	1106	75.0	2	2	7	74	98	100	--

07275530 PETERS (LONG) CREEK NEAR POPE, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	13	13	.45	129	1440	859	4930	4380	66600
2	13	3	.11	21	65	4.0	3320	3140	49400
3	13	2	.08	16	11	.48	542	756	2110
4	12	2	.07	15	3	.13	131	97	37
5	13	3	.09	15	4	.14	62	35	5.9
6	12	3	.10	15	4	.16	51	31	4.2
7	12	4	.12	15	4	.18	44	29	3.5
8	12	3	.11	15	5	.20	60	94	27
9	12	3	.09	15	5	.18	1190	3740	24100
10	12	2	.08	15	4	.17	275	130	141
11	12	2	.06	15	4	.16	108	22	6.4
12	12	2	.05	15	4	.16	76	15	3.1
13	12	1	.04	15	5	.19	1210	3240	18800
14	12	1	.04	15	6	.24	211	129	88
15	13	2	.06	15	7	.26	74	51	11
16	13	4	.12	15	6	.24	54	28	4.1
17	13	9	.31	15	5	.22	45	17	2.1
18	13	3	.11	15	5	.20	39	13	1.4
19	13	2	.07	16	7	.36	33	11	1.0
20	13	2	.07	548	1330	4670	32	8	.69
21	13	2	.07	30	25	2.3	31	6	.55
22	13	3	.09	21	16	.89	37	37	7.7
23	13	3	.11	18	12	.57	156	300	168
24	14	4	.15	17	8	.38	48	18	2.5
25	15	5	.20	17	6	.28	33	6	.53
26	15	5	.18	17	5	.25	30	4	.36
27	16	4	.18	17	5	.23	28	4	.30
28	16	4	.19	17	5	.23	27	4	.29
29	18	33	1.8	17	7	.32	27	4	.29
30	28	62	5.1	5290	6490	138000	26	4	.28
31	16	22	.98	---	---	---	25	5	.33
JANUARY			FEBRUARY			MARCH			
1	23	6	.40	30	18	1.4	47	24	3.1
2	32	61	7.4	29	18	1.4	43	27	3.0
3	46	37	5.6	29	18	1.4	42	26	2.9
4	30	7	.55	29	17	1.3	46	26	3.2
5	27	5	.38	29	17	1.3	59	53	8.7
6	26	5	.32	28	18	1.4	50	62	8.5
7	25	10	.69	28	20	1.5	44	45	5.4
8	181	954	933	27	25	1.8	39	33	3.6
9	110	218	95	27	33	2.4	3570	4790	85800
10	42	14	1.8	27	43	3.1	3370	1700	30200
11	31	6	.48	26	55	3.9	373	82	87
12	233	824	954	27	68	4.9	235	63	40
13	336	1410	3290	27	66	4.8	168	61	28
14	360	330	574	386	2490	8370	139	53	20
15	90	14	3.7	357	376	677	120	45	15
16	54	10	1.4	76	49	11	105	44	12
17	46	18	2.3	160	168	99	98	99	26
18	43	24	2.8	272	418	419	654	695	1590
19	39	25	2.7	80	43	9.6	231	87	63
20	36	25	2.4	53	35	5.1	95	33	8.5
21	35	13	1.2	44	23	2.8	69	25	4.6
22	52	70	15	40	21	2.3	140	100	96
23	79	67	16	39	21	2.2	221	114	94
24	42	33	3.8	40	20	2.2	76	39	8.0
25	35	26	2.5	154	936	1840	65	28	4.9
26	32	23	2.0	566	610	1780	57	27	4.2
27	34	21	1.9	116	55	18	48	27	3.5
28	41	21	2.4	72	33	6.6	41	26	2.9
29	36	23	2.3	56	22	3.4	41	21	2.3
30	33	23	2.1	---	---	---	49	27	3.6
31	32	19	1.6	---	---	---	40	31	3.3

YAZOO RIVER BASIN

07275530 PETERS (LONG) CREEK NEAR POPE, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	36	20	1.9	17	37	1.7	14	15	.57
2	27	24	1.8	17	35	1.6	14	16	.60
3	21	13	.72	16	32	1.4	1330	3150	29100
4	21	12	.70	15	30	1.2	165	302	212
5	20	13	.67	15	29	1.1	24	109	7.2
6	20	19	1.2	14	28	1.0	212	1050	2950
7	97	631	221	15	31	1.2	302	779	1630
8	36	39	4.2	15	38	1.5	104	447	247
9	26	17	1.2	15	36	1.5	41	99	14
10	23	13	.79	15	34	1.4	930	1760	20500
11	21	14	.81	15	38	1.5	1770	1230	13100
12	20	17	.91	17	66	3.1	103	75	23
13	18	21	1.0	16	37	1.6	49	36	4.8
14	17	35	1.7	15	16	.65	36	26	2.6
15	18	48	2.3	15	12	.48	29	24	1.8
16	18	28	1.3	15	11	.44	25	20	1.3
17	18	17	.84	14	10	.38	22	14	.82
18	17	19	.88	16	33	1.6	20	11	.60
19	17	22	1.0	29	106	14	25	13	.86
20	327	801	1360	20	71	4.2	19	12	.63
21	77	73	16	15	28	1.1	18	12	.56
22	33	48	4.3	15	14	.53	17	12	.55
23	25	37	2.5	15	12	.46	17	16	.72
24	22	33	2.0	15	11	.42	17	12	.57
25	20	40	2.2	15	10	.41	17	9	.41
26	18	49	2.4	18	21	1.1	19	10	.50
27	18	55	2.6	17	15	.69	18	10	.51
28	18	51	2.4	16	16	.69	16	11	.47
29	18	78	3.7	16	18	.77	16	12	.55
30	18	50	2.4	15	17	.71	22	41	3.1
31	---	---	---	14	16	.62	---	---	---
JULY			AUGUST			SEPTEMBER			
1	21	53	3.0	18	30	1.5	10	24	.67
2	17	25	1.1	14	23	.90	11	23	.66
3	16	13	.55	14	19	.71	17	95	7.8
4	15	11	.47	16	61	2.6	17	88	4.2
5	19	39	2.5	16	59	2.4	11	66	2.0
6	20	31	1.8	19	50	2.6	11	56	1.6
7	16	16	.70	15	50	2.1	10	48	1.4
8	15	15	.62	14	46	1.7	10	41	1.1
9	15	14	.57	13	42	1.5	10	35	.96
10	15	13	.53	13	37	1.3	10	31	.84
11	14	13	.49	15	26	1.0	9.9	28	.74
12	14	13	.49	14	20	.77	9.6	25	.65
13	14	14	.53	28	69	7.1	9.8	23	.60
14	15	16	.65	16	28	1.2	10	21	.56
15	22	68	11	13	24	.87	9.9	19	.50
16	38	235	40	13	21	.71	9.6	19	.50
17	59	307	56	13	18	.61	11	25	.74
18	18	101	5.0	13	15	.51	11	22	.69
19	14	42	1.6	13	16	.55	64	1150	862
20	14	22	.84	30	160	29	12	52	1.7
21	13	19	.70	24	106	7.8	11	28	.84
22	14	17	.62	20	80	4.6	13	24	.83
23	14	15	.55	14	27	1.0	11	21	.64
24	16	46	3.5	15	55	3.7	11	21	.62
25	16	53	2.4	22	102	7.9	11	32	.97
26	14	24	.91	14	33	1.2	14	34	1.3
27	14	13	.50	41	168	27	13	32	1.2
28	15	11	.45	21	53	3.4	11	30	.90
29	38	138	57	12	33	1.0	11	23	.69
30	67	252	71	10	27	.77	11	18	.52
31	40	107	13	10	23	.65	---	---	---

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS

LOCATION.--Lat 34°37'54", long 89°55'30", in SE¼NW¼ sec.22, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on left bank at downstream side of bridge on county road, 1.7 mi east of Senatobia, 1.5 mi upstream from mouth, and 0.9 mi downstream from Basket Creek.

DRAINAGE AREA.--121 mi²

PERIOD OF RECORD.--Water years 1975, 1986 to current year.

PERIOD OF DAILY RECORD.--

DISCHARGE: February 1986 to current year.
SPECIFIC CONDUCTANCE: February 1986 to October 1989.
pH: February 1986 to October 1989.
WATER TEMPERATURE: February 1986 to October 1989.
DISSOLVED OXYGEN: February 1986 to October 1989.
SUSPENDED SEDIMENT CONCENTRATION: February 1986 to current year.
SUSPENDED SEDIMENT DISCHARGE: February 1986 to current year.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 233.02 ft above National Geodetic Vertical Datum of 1929. September 4, 1942 to February 6, 1986, discharge measurements and gage height record at same site and datum in files of U.S. Army Corps of Engineers, Vicksburg District. Automatic pumping sediment sampler since February 1986.

REMARKS.--Unpublished records of daily specific conductance, pH, water temperature, and dissolved oxygen during selected storm events are available in files of District office. Estimated daily discharges: Nov. 1-7, 14, 15, 21-30, Dec. 1, 4-11. Discharge records good except for estimated daily discharges, which are fair. Satellite telemeter at station.

AVERAGE DISCHARGE.--6 years, 217 ft³/s, 24.35 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 19,100 ft³/s, Feb. 3, 1990, gage height, 19.91 ft; minimum, 22 ft³/s, all or part of each day, July 4-11, 1988.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 5,110 mg/L, Feb. 21, 1989; minimum daily mean, 2 mg/L, Oct. 16, 1987.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 118,000 tons, Feb. 3, 1990; minimum daily, 0.15 ton, Oct. 16, 1987.

EXTREMES OUTSIDE PERIOD OF RECORD.--

DISCHARGE: Flood of June 22, 1947, reached a stage of 20.6 ft, from flood mark (from information by U.S. Army Corps of Engineers).

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 11,200 ft³/s, Mar. 10, gage height, 19.38 ft; minimum, 32 ft³/s, Oct. 19-22, 25.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,230 mg/L, Mar. 9; minimum daily mean, 5 mg/L, Nov. 11.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 39,000 tons, Mar. 10; minimum daily, 0.50 ton, Nov. 11.

YAZOO RIVER BASIN

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
01...	1200	34	58	7.0	20.5	9.8	--	--
17...	0915	32	60	7.5	11.0	9.6	--	--
22...	1230	32	58	7.1	18.0	9.8	<4	100
22...	1830	34	57	7.2	20.5	8.9	K30	100
23...	0030	32	56	7.1	19.5	7.2	K27	720
23...	0630	32	57	6.9	18.5	7.4	K39	660
23...	1230	34	60	7.2	19.0	8.7	K43	160
23...	1830	34	59	7.2	21.5	8.1	K36	230
24...	0030	32	56	7.0	21.0	6.4	51	340
24...	0630	32	57	7.0	20.0	7.0	49	220
24...	1230	32	58	7.0	19.5	8.5	K16	210
29...	1500	36	64	6.8	20.0	6.9	--	--
NOV								
13...	1015	34	58	7.1	7.5	11.4	--	--
DEC								
04...	1250	177	71	7.5	7.0	11.1	--	--
10...	1045	88	47	7.0	10.5	9.4	--	--
17...	1300	74	62	7.2	8.0	9.9	--	--
JAN								
07...	1000	55	66	7.6	8.5	10.5	--	--
21...	1600	55	64	6.8	8.5	12.2	--	--
FEB								
05...	0800	48	66	7.2	9.0	10.0	--	--
20...	0800	56	66	7.1	8.0	10.9	--	--
MAR								
05...	1330	61	--	6.9	19.0	9.4	--	--
17...	1250	69	65	6.7	14.5	9.6	--	--
APR								
01...	1330	58	66	6.9	14.0	8.7	--	--
14...	1525	53	62	6.7	21.5	9.9	--	--
28...	0855	44	58	6.8	14.0	8.2	--	--
MAY								
07...	0715	41	61	7.1	17.5	8.1	--	--
12...	1600	43	53	6.4	22.5	10.2	--	--
JUN								
02...	1830	40	53	7.0	23.0	10.2	K24	K24
03...	0030	39	50	7.0	22.0	8.3	3000	1800
03...	0630	116	34	6.6	18.5	8.1	K32000	K61000
03...	1230	2390	38	6.3	19.0	8.5	2100	K50000
03...	1415	1910	--	--	--	--	--	--
03...	1830	557	37	6.3	21.0	7.5	K14000	K29000
04...	0030	174	42	6.4	20.0	6.5	K20000	K23000
04...	0630	323	44	6.5	19.0	7.5	--	K28000
04...	1230	119	37	6.4	20.0	7.8	--	19000
04...	1830	81	44	6.6	23.0	7.0	K14000	K23000
10...	1700	77	52	5.9	26.5	6.5	--	--
15...	1340	47	63	6.8	26.0	7.9	--	--
23...	1005	38	62	7.1	21.5	7.6	--	--
JUL								
07...	1430	35	59	7.0	28.5	7.0	--	--
22...	1345	49	60	6.6	27.0	7.0	--	--
AUG								
03...	1845	103	62	6.8	26.5	7.0	--	--
19...	1145	39	61	6.7	23.0	8.5	--	--
SEP								
02...	0830	35	60	6.5	23.5	7.6	--	--
11...	0900	38	59	6.8	21.0	8.4	--	--

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT								
01...	0.010	0.210	0.020	0.040	0.010	0.6	--	--
17...	<0.010	0.250	0.030	0.060	0.020	0.6	--	--
22...	<0.010	0.210	0.020	0.040	0.010	0.6	13	1.1
22...	<0.010	0.210	0.010	0.030	0.010	0.8	24	2.2
23...	<0.010	0.170	0.020	0.040	0.010	0.8	35	3.0
23...	<0.010	0.170	0.020	0.030	0.010	0.7	27	2.3
23...	<0.010	0.180	0.010	0.030	0.010	0.8	22	2.0
23...	<0.010	0.170	0.010	0.040	0.010	0.9	19	1.7
24...	<0.010	0.140	0.010	0.040	0.010	0.8	43	3.7
24...	<0.010	0.150	0.020	0.040	0.020	0.9	41	3.5
24...	<0.010	0.150	0.020	0.030	0.010	0.7	20	1.7
29...	0.010	0.260	0.010	0.070	0.090	1.3	--	--
NOV								
13...	<0.010	0.330	0.030	0.040	0.020	0.7	--	--
DEC								
04...	0.020	0.480	0.040	0.140	0.110	5.1	--	--
10...	0.020	0.350	0.070	0.170	0.170	7.2	--	--
17...	0.020	0.720	0.060	0.100	0.070	2.6	--	--
JAN								
07...	0.010	0.570	0.030	0.020	0.040	1.7	--	--
21...	0.010	0.700	0.050	0.050	0.030	1.6	--	--
FEB								
05...	0.010	0.380	0.020	<0.020	0.030	1.2	--	--
20...	0.020	0.500	0.110	0.090	0.090	4.0	--	--
MAR								
05...	0.010	0.510	0.020	0.070	0.050	4.1	--	--
17...	0.010	0.900	0.010	0.100	0.080	3.2	--	--
APR								
01...	0.010	0.700	0.020	0.100	0.050	1.6	--	--
14...	0.020	0.250	0.040	0.090	0.040	2.8	--	--
28...	<0.010	0.340	0.030	0.050	0.020	1.0	--	--
MAY								
07...	--	--	--	--	--	--	--	--
12...	<0.010	0.200	0.010	0.040	0.010	1.4	--	--
JUN								
02...	0.010	0.190	0.020	0.030	0.020	1.6	97	10
03...	0.010	0.150	0.030	0.060	0.020	6.5	166	17
03...	0.070	0.480	0.300	0.660	0.240	7.7	4810	1510
03...	0.090	0.950	0.370	1.00	0.320	8.8	1800	11600
03...	--	--	--	--	--	--	1880	9700
03...	0.050	0.890	0.250	0.890	0.440	8.5	800	1290
04...	0.080	0.900	0.230	0.830	0.320	8.4	655	308
04...	0.110	0.830	0.310	1.10	0.400	8.3	811	707
04...	0.120	0.730	0.260	0.910	0.480	8.5	566	182
04...	0.070	0.680	0.180	0.680	0.280	1.3	398	87
10...	0.020	0.360	0.080	0.220	0.140	8.1	--	--
15...	0.010	0.410	0.040	0.090	0.070	2.0	--	--
23...	<0.010	0.180	0.030	0.080	0.040	<0.2	--	--
JUL								
07...	<0.010	0.200	0.040	0.050	0.030	0.6	--	--
22...	0.020	0.360	0.060	0.370	0.210	4.6	--	--
AUG								
03...	0.030	0.350	0.010	0.170	0.120	3.7	--	--
19...	<0.010	0.110	0.020	0.050	0.030	1.3	--	--
SEP								
02...	<0.010	0.150	0.030	0.050	0.030	2.0	--	--
11...	<0.010	0.210	0.030	0.050	0.030	1.2	--	--

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
OCT 23...	1230	5	3.2	1.2	6.0	1.1	19	0.90	4.7	<0.10	16
JUN 03...	1830	280	2.2	1.0	2.4	4.3	5.6	3.5	3.0	<0.10	4.1
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CD) (01028)
OCT 23...	44	46	<0.010	0.180	0.010	0.010	220	<1	1	<1	<1
JUN 03...	44	29	0.010	0.980	0.220	0.150	14000	14	4	<1	<1
DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CR) (01029)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CO) (01038)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CU) (01043)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
OCT 23...	2	1	<1	<5	2	2	530	60	1000	1	
JUN 03...	16	4	7	<5	18	<1	21000	330	880	16	
DATE	TIME	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS PB) (01052)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG) (71921)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/L AS SE) (01147)	SELE- NIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS SE) (01148)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS ZN) (01093)
OCT 23...	<10	220	170	100	<0.10	<0.01	<1	<1	10	10	
JUN 03...	<10	800	180	39	<0.10	<0.01	<1	<1	240	<1	

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	CARBO- FURAN WATER TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 07...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
JUN 23...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, TOTAL (UG/L) (39571)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN TOTAL (UG/L) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 07...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
JUN 23...	<0.010	<0.1	<0.010	0.2	<0.01	0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN, WATER UNFLTRD REC (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39399)	FONOFOS (DY- FONATE) WATER TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39423)	LINDANE TOTAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 07...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
JUN 23...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39531)	METHIO- CARB WATER TOT.REC (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39481)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39601)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39791)	METHYL TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39795)	MIREX, TOTAL (UG/L) (39758)	1-NAPH- THOL WATER TOT.REC (UG/L) (77441)	OXYMYL WATER TOT.REC (UG/L) (82613)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 07...	<0.1	<0.5	<0.5	<0.01	<1.0	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
JUN 23...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39519)	NAPH- THA- LENES, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER TOT.REC (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY 07...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5
JUN 23...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX-APHENE, TOTAL (UG/L) (39400)	TOXA-PHENE, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39403)	TOTAL TRI-THION (UG/L) (39786)	TRI-THION, TOTAL IN BOT-TOM MA-TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2,4-DP, TOTAL (UG/L) (82183)	2,4,5-T, TOTAL (UG/L) (39740)	ALA-CHLOR, TOTAL RECOVER (UG/L) (77825)	AME-TRYNE, TOTAL (82184)	ATRA-ZINE, WATER REC (UG/L) (39630)	BROM-ACIL, WATER WHLREC (UG/L) (30234)	BUTA-CHLOR, WATER WHLREC (UG/L) (30235)
FEB 20...	--	--	--	--	<0.01	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
MAY 07...	<1	<10	<0.01	<0.1	<0.01	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 23...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--

DATE	BUTYL-ATE, WATER WHLREC (UG/L) (30236)	CARBOX-IN, WATER WHOLE RECOV-ERABLE (UG/L) (30245)	CYAN-AZINE, TOTAL (UG/L) (81757)	CYCLO-ATE, WATER WHOLE RECOV-ERABLE (UG/L) (30254)	DEETHYL, ATRA-ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO, PROPYL, ATRAZIN, WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA, (MED-IBEN) (BAN-VEL D) TOTAL (UG/L) (82052)	DIPHEN-AMID, WATER WHOLE RECOV-ERABLE (UG/L) (30255)	HEXAZI-NONE, WATER WHOLE RECOV-ERABLE (UG/L) (30264)	METOLA-CHLOR, WATER WHOLE TOT.REC (UG/L) (82612)	METRI-BUZIN, WATER WHOLE TOT.REC (UG/L) (82611)
FEB 20...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
MAY 07...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
JUN 23...	--	--	--	--	--	--	--	--	--	--	--

DATE	PICLO-RAM, (TOR-DON) (AMDON) TOTAL (UG/L) (39720)	PROME-TONE, TOTAL (UG/L) (39056)	PROME-TRYNE, TOTAL (UG/L) (39057)	PROPA-CHLOR, WATER WHOLE RECOV. TOTAL (UG/L) (30295)	PRO-PAZINE, TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA-ZINE, TOTAL (UG/L) (39055)	SIME-TRYNE, TOTAL (UG/L) (39054)	TER-BACIL, WATER WHOLE RECOV. TOTAL (UG/L) (30311)	TRI-FLURA-LIN, TOTAL RECOVER (UG/L) (39030)	VER-NOLATE, WATER WHOLE RECOV. TOTAL (UG/L) (30324)
FEB 20...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10
MAY 07...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10
JUN 23...	--	--	--	--	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)
JUN 03...	1415	33	38	49	72	94	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)
DEC 10...	1047	25.0	2	2	12	89	100	--	--
10...	1049	50.0	1	1	3	63	99	--	--
10...	1051	75.0	1	2	11	62	89	92	93
JUN 03...	1417	25.0	1	1	5	66	96	98	99
03...	1419	50.0	2	2	5	50	92	98	99
03...	1421	75.0	1	1	1	38	99	--	--
JUL 07...	1432	25.0	4	4	27	96	100	--	--
07...	1434	50.0	5	6	13	54	83	87	93
07...	1436	75.0	6	6	8	39	96	--	--

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	34	27	2.5	e102	231	64	e4000	1650	17900
2	34	24	2.2	e50	93	13	2570	1090	15100
3	34	24	2.2	e42	60	6.8	1800	367	2950
4	34	23	2.1	e37	39	3.9	e196	65	48
5	36	21	2.0	e36	26	2.5	e112	37	32
6	34	20	1.8	e36	18	1.7	e85	46	40
7	33	18	1.7	e36	12	1.2	e73	29	25
8	33	19	1.7	36	10	.93	e68	26	23
9	34	20	1.8	35	8	.73	e425	361	458
10	33	21	1.9	35	6	.58	e90	96	26
11	33	20	1.8	35	5	.50	e82	26	5.6
12	33	19	1.7	35	6	.61	80	19	4.1
13	33	18	1.6	35	8	.77	2060	523	4730
14	34	17	1.6	e36	10	.95	283	156	133
15	34	22	2.0	e35	12	1.1	108	76	23
16	34	29	2.7	34	14	1.3	84	55	12
17	33	36	3.1	34	16	1.5	74	54	11
18	33	30	2.6	35	19	1.8	68	54	9.8
19	32	24	2.1	36	25	2.5	64	50	8.7
20	32	20	1.7	2240	1300	13600	61	46	7.6
21	32	16	1.4	e120	164	53	61	38	6.3
22	32	18	1.6	e70	70	13	64	31	5.7
23	33	26	2.3	e63	36	6.1	386	279	361
24	33	28	2.5	e60	23	3.7	105	74	22
25	32	20	1.7	e57	16	2.4	72	46	9.1
26	169	468	818	e55	11	1.6	65	37	6.5
27	99	382	205	e52	10	1.4	61	35	5.7
28	38	84	8.5	e51	10	1.4	60	34	5.5
29	37	68	7.1	e51	10	1.4	59	33	5.3
30	68	165	34	e1550	1560	6520	56	33	5.0
31	38	76	7.8	---	---	---	54	32	4.8
JANUARY			FEBRUARY			MARCH			
1	54	32	4.7	49	31	4.1	55	71	10
2	69	50	12	49	30	4.0	52	75	11
3	96	69	19	48	29	3.7	52	79	11
4	66	37	6.7	48	28	3.6	69	79	15
5	60	32	5.1	48	28	3.6	58	70	11
6	58	27	4.2	49	32	4.3	60	61	9.8
7	55	23	3.4	48	38	4.9	61	54	8.9
8	256	161	182	47	44	5.7	52	50	7.0
9	139	87	36	47	50	6.3	2530	2230	34200
10	74	41	8.3	47	47	5.9	7210	1550	39000
11	62	32	5.4	48	43	5.5	514	193	317
12	109	72	25	47	40	5.1	153	87	36
13	177	105	102	48	37	4.8	102	61	17
14	303	145	162	86	166	65	86	53	12
15	90	69	17	114	229	76	79	41	8.8
16	67	57	10	60	59	9.8	72	32	6.3
17	62	50	8.4	118	181	71	68	34	6.4
18	59	45	7.2	165	215	104	3720	1810	25400
19	55	40	5.9	73	104	21	496	217	377
20	54	31	4.5	59	66	11	125	93	32
21	54	19	2.8	60	48	7.8	91	58	14
22	55	20	2.9	53	37	5.3	230	156	272
23	54	23	3.4	57	34	5.3	353	236	308
24	52	28	3.9	63	32	5.5	97	77	20
25	51	32	4.3	111	106	92	80	42	9.2
26	50	32	4.3	684	462	1240	74	35	7.0
27	50	33	4.4	109	74	22	67	31	5.6
28	50	33	4.5	70	67	13	63	31	5.3
29	50	33	4.4	59	66	11	63	31	5.3
30	49	33	4.4	---	---	---	62	28	4.7
31	49	33	4.3	---	---	---	60	29	4.7

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	57	47	7.2	44	43	5.1	39	21	2.1
2	56	56	8.4	43	40	4.7	39	50	5.3
3	55	62	9.2	42	36	4.2	1240	1530	8360
4	55	68	10	42	30	3.4	163	635	357
5	54	76	11	42	24	2.8	59	92	15
6	54	76	11	43	20	2.3	327	461	1910
7	68	51	9.3	42	21	2.4	451	573	1670
8	57	52	7.9	43	24	2.8	60	85	14
9	54	56	8.1	42	26	3.0	1210	889	6560
10	52	66	9.2	42	23	2.6	106	126	39
11	50	79	11	42	20	2.2	383	503	906
12	49	92	12	42	20	2.3	97	168	103
13	49	96	13	42	22	2.5	153	191	108
14	52	94	13	41	24	2.7	56	83	13
15	50	93	12	41	25	2.8	47	47	6.0
16	47	94	12	41	26	2.8	44	31	3.8
17	49	76	10	41	24	2.6	42	28	3.2
18	46	60	7.5	40	22	2.4	41	26	2.9
19	48	49	6.3	42	22	2.5	59	113	21
20	135	130	57	41	22	2.5	41	54	6.0
21	71	60	12	40	22	2.4	39	39	4.0
22	51	49	6.8	40	22	2.4	38	38	3.9
23	48	42	5.5	40	22	2.4	38	38	3.9
24	47	43	5.5	40	24	2.6	38	43	4.4
25	45	45	5.5	40	24	2.6	38	44	4.5
26	45	48	5.8	40	22	2.4	39	43	4.5
27	45	50	6.1	40	20	2.2	38	40	4.1
28	45	51	6.3	40	19	2.0	37	37	3.7
29	45	48	5.9	41	20	2.2	37	34	3.4
30	45	45	5.5	40	22	2.4	39	26	2.7
31	---	---	---	39	21	2.2	---	---	---
JULY			AUGUST			SEPTEMBER			
1	40	23	2.5	43	75	8.7	35	51	4.9
2	37	24	2.4	38	58	6.0	36	38	3.7
3	36	24	2.4	69	175	46	2380	1250	17500
4	36	25	2.4	44	71	8.6	181	201	113
5	38	27	2.8	678	779	3550	60	113	18
6	37	29	2.9	115	229	87	48	77	10
7	35	37	3.5	49	119	16	43	54	6.4
8	34	62	5.8	44	109	13	42	55	6.2
9	36	86	8.2	41	103	11	41	60	6.6
10	34	78	7.2	460	576	4260	40	54	5.8
11	34	69	6.4	893	376	1820	39	46	4.8
12	34	72	6.6	61	142	24	38	40	4.1
13	34	76	6.9	50	110	15	38	34	3.5
14	34	79	7.2	43	112	13	38	29	3.0
15	34	75	7.0	41	111	12	37	25	2.6
16	35	69	6.6	40	95	10	37	22	2.2
17	67	293	65	40	80	8.6	37	21	2.1
18	37	79	8.0	40	62	6.6	38	21	2.1
19	34	37	3.4	39	28	3.0	602	423	1700
20	35	27	2.5	71	109	39	50	126	17
21	34	23	2.0	49	87	12	53	182	31
22	41	134	16	42	81	9.2	87	248	63
23	94	468	227	39	76	8.0	51	106	15
24	208	583	1490	38	70	7.2	43	82	9.6
25	188	618	516	37	58	5.9	43	77	8.9
26	150	693	447	37	48	4.8	45	71	8.5
27	42	103	12	45	97	12	42	61	6.9
28	64	334	68	42	91	10	41	52	5.7
29	42	213	24	36	72	7.0	40	46	5.0
30	45	105	13	36	58	5.6	40	42	4.6
31	90	208	64	36	48	4.6	---	---	---

e Estimated

07277730 SENATOBIA CREEK NEAR SENATOBIA, MS

LOCATION.--Lat 34°37'02", Long 89°56'30", in SEWNW sec. 28, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on right bank at upstream side of bridge on State Highway 4, 0.5 mi east of Senatobia.

DRAINAGE AREA.--82.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1986 to current year. Sept. 3, 1942 to Dec. 15, 1973 and Oct. 18, 1974 to Oct. 2, 1985 (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 233.80 ft above National Geodetic Vertical Datum of 1929.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 28, 1982, reached a stage of 26.10 ft (from information by US Army Corps of Engineers).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	78	3330	15	12	13	17	12	9.4	25	12	12
2	12	14	2110	20	11	12	16	12	9.4	12	12	13
3	12	11	828	41	11	11	16	11	775	11	40	146
4	12	11	147	23	11	18	16	11	49	10	16	33
5	13	11	83	19	11	15	15	11	22	56	106	13
6	11	11	65	17	11	26	15	11	42	18	33	11
7	11	11	68	16	11	25	17	11	169	11	15	11
8	11	12	73	94	11	13	16	11	20	11	13	11
9	11	11	865	81	11	2280	15	12	49	11	12	12
10	11	11	204	29	11	3310	14	11	88	10	21	12
11	11	11	69	20	10	367	14	11	873	10	157	13
12	11	11	45	82	10	157	13	12	469	10	18	12
13	11	11	1340	114	10	80	13	12	104	10	71	12
14	13	11	192	228	15	62	13	11	26	10	12	12
15	12	11	57	42	35	47	13	11	20	10	11	12
16	10	11	38	24	16	39	13	12	17	10	11	10
17	10	12	30	20	41	35	14	11	15	58	13	11
18	9.9	12	24	19	79	1570	13	63	14	12	11	12
19	9.7	13	20	17	22	224	13	40	14	10	11	580
20	9.6	1640	19	15	15	65	41	11	13	9.7	138	24
21	9.8	71	19	15	12	44	20	10	13	9.5	32	17
22	9.8	39	20	15	11	97	13	12	12	39	13	24
23	11	32	385	15	12	186	12	10	12	11	11	16
24	11	28	62	14	13	47	12	10	13	492	13	13
25	11	27	32	13	37	35	12	10	13	151	12	12
26	17	27	24	13	648	30	11	10	13	18	12	15
27	15	26	20	13	58	25	11	10	12	14	15	14
28	13	26	19	13	25	22	11	9.7	11	13	13	14
29	13	26	18	13	17	21	11	10	11	16	12	12
30	26	1730	17	13	---	20	12	10	16	20	10	13
31	14	---	16	12	---	18	---	9.4	---	18	11	---
TOTAL	373.8	3956	10239	1085	1197	8914	442	418.1	2923.8	1126.2	887	1122
MEAN	12.1	132	330	35.0	41.3	288	14.7	13.5	97.5	36.3	28.6	37.4
MAX	26	1730	3330	228	648	3310	41	63	873	492	157	580
MIN	9.6	11	16	12	10	11	11	9.4	9.4	9.5	10	10
CFSM	.15	1.61	4.03	.43	.50	3.51	.18	.16	1.19	.44	.35	.46
IN.	.17	1.79	4.65	.49	.54	4.04	.20	.19	1.33	.51	.40	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1992, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992
MEAN	14.8	104	212	123	260	139	139
MAX	21.2	219	370	391	472	288	668
(WY)	1987	1988	1989	1990	1991	1992	1993
MIN	10.6	17.4	34.4	25.7	41.3	24.5	11.4
(WY)	1988	1989	1990	1991	1992	1993	1994

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1986 - 1992

	1991	1992	1986-1992
ANNUAL TOTAL	61508.8	32683.9	111
ANNUAL MEAN	169	89.3	175
HIGHEST ANNUAL MEAN			55.6
LOWEST ANNUAL MEAN			5890
HIGHEST DAILY MEAN	5140	Apr 14	3330
LOWEST DAILY MEAN	9.6	Oct 20	9.4
ANNUAL SEVEN-DAY MINIMUM	9.8	Oct 16	9.7
INSTANTANEOUS PEAK FLOW			8510
INSTANTANEOUS PEAK STAGE			19.16
INSTANTANEOUS LOW FLOW			8.9
ANNUAL RUNOFF (CFSM)	2.06	1.09	1.36
ANNUAL RUNOFF (INCHES)	27.90	14.83	18.43
10 PERCENT EXCEEDS	301	84	134
50 PERCENT EXCEEDS	19	13	14
90 PERCENT EXCEEDS	11	11	8.5

07277730 SENATOBIA CREEK NEAR SENATOBIA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: July 1986 to October 1987.

pH: May 1986 to October 1987.

WATER TEMPERATURE: February 1986 to October 1987.

DISSOLVED OXYGEN: February 1986 to October 1987.

SUSPENDED SEDIMENT CONCENTRATION: March 1986 to November 1989.

SUSPENDED SEDIMENT DISCHARGE: March 1986 to November 1989.

REMARKS.--Unpublished records of daily specific conductance, pH, water temperature, and dissolved oxygen during selected storm events are available in files of District office.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (000061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (000095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
01...	1400	13	--	7.4	22.0	8.5	--	--
17...	0950	9.7	88	7.4	11.0	9.4	--	--
22...	1300	10	85	7.3	18.5	10.0	K24	100
22...	1900	10	82	7.6	19.0	10.6	110	140
23...	0100	10	79	7.3	19.5	8.6	K37	370
23...	0700	10	86	7.2	19.0	6.0	88	540
23...	1300	11	88	7.4	20.0	8.7	120	180
23...	1900	11	82	7.9	21.0	10.5	120	210
24...	0100	12	81	7.4	22.0	8.0	41	280
24...	0700	11	89	7.2	20.0	6.0	77	250
24...	1300	11	--	7.2	20.0	8.9	K15	130
29...	1545	13	86	6.9	20.0	8.6	--	--
NOV								
13...	1045	11	86	6.9	8.0	10.2	--	--
DEC								
04...	1430	129	59	7.5	6.5	11.0	--	--
10...	1200	164	41	6.9	11.0	11.1	--	--
17...	1345	30	76	7.0	9.0	10.7	--	--
JAN								
07...	1230	16	77	7.3	10.0	10.7	--	--
21...	1535	15	79	6.8	8.0	12.4	--	--
FEB								
05...	0845	11	87	7.4	7.5	11.1	--	--
20...	0920	14	67	6.6	9.0	11.1	--	--
MAR								
05...	1440	15	73	7.4	20.0	9.0	--	--
17...	1415	35	79	6.8	15.5	9.8	--	--
APR								
01...	1545	17	85	7.3	15.0	9.0	--	--
14...	1615	14	89	7.0	25.0	10.7	--	--
28...	1005	11	83	6.6	14.5	10.0	--	--
MAY								
13...	0945	12	84	6.7	22.0	9.4	--	--
JUN								
02...	1900	9.4	81	7.4	24.0	10.2	K3300	K3500
03...	0100	9.4	78	7.3	21.5	8.8	290	400
03...	0700	95	42	6.7	18.0	8.1	11000	>20000
03...	1300	1410	30	6.4	20.0	8.2	520	K47000
03...	1900	313	31	6.4	21.5	8.0	K19000	K44000
04...	0100	90	33	6.5	20.5	7.6	K13000	K29000
04...	0700	62	42	6.6	19.0	7.8	--	K22000
04...	1300	39	45	6.5	20.5	8.3	--	13000
04...	1900	31	51	6.9	23.0	7.4	5600	8100
10...	1640	18	64	7.2	28.0	7.0	--	--
15...	1410	20	67	6.8	28.5	8.4	--	--
23...	1105	12	90	7.2	24.0	8.8	--	--
JUL								
07...	1530	11	78	7.3	32.0	9.3	--	--
22...	1420	49	52	6.4	26.0	6.7	--	--
AUG								
03...	1625	52	44	6.4	27.5	6.5	--	--
19...	1215	12	86	7.5	25.5	10.6	--	--
SEP								
02...	1030	11	--	6.8	24.5	7.2	--	--
16...	1045	11	83	6.9	23.5	9.3	--	--

07277730 SENATOBIA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
OCT								
01...	0.010	0.670	0.040	0.030	0.010	0.9	--	--
17...	0.010	0.790	0.050	0.020	0.010	0.9	--	--
22...	0.010	0.730	0.030	0.020	0.010	0.8	12	0.32
22...	0.010	0.680	0.020	0.030	0.020	0.9	11	0.30
23...	0.010	0.530	0.030	0.030	0.020	1.0	29	0.78
23...	0.010	0.610	0.050	0.030	0.020	1.0	21	0.57
23...	0.010	0.670	0.030	0.030	0.020	1.0	13	0.39
23...	0.010	0.570	0.020	0.030	0.010	1.2	11	0.33
24...	--	--	--	--	--	1.4	9	0.29
24...	0.010	0.540	0.040	0.030	0.010	1.5	19	0.56
24...	0.010	0.560	0.030	0.040	0.010	1.2	9	0.27
29...	0.010	0.490	0.050	<0.010	<0.010	1.2	--	--
NOV								
13...	0.010	0.850	0.040	0.030	<0.020	0.7	--	--
DEC								
04...	0.020	0.810	0.030	0.110	0.090	3.9	--	--
10...	0.020	0.600	0.040	0.140	0.140	6.1	--	--
17...	0.010	1.30	0.030	0.030	0.050	2.2	--	--
JAN								
07...	0.010	1.20	0.020	<0.010	0.020	1.4	--	--
21...	0.010	1.50	0.030	0.040	0.020	1.5	--	--
FEB								
05...	0.010	1.10	0.010	<0.020	<0.010	1.2	--	--
20...	0.010	0.820	0.030	0.070	0.040	4.2	--	--
MAR								
05...	0.010	0.970	0.010	0.040	0.030	3.1	--	--
17...	0.010	1.90	<0.010	0.070	0.050	1.5	--	--
APR								
01...	0.010	1.60	0.030	0.080	0.020	1.1	--	--
14...	0.020	0.790	0.030	0.040	<0.010	1.3	--	--
28...	0.010	0.920	0.040	0.040	0.010	0.6	--	--
MAY								
13...	0.010	0.640	0.030	0.060	0.010	0.8	--	--
JUN								
02...	0.010	0.560	0.060	0.030	0.020	1.3	57	1.4
03...	0.010	0.580	0.060	0.040	0.020	0.7	180	4.6
03...	0.090	1.40	0.480	0.900	0.280	4.7	5890	1510
03...	0.070	0.690	0.230	0.570	0.280	8.0	1190	4530
03...	0.040	0.670	0.170	0.600	0.320	9.5	403	341
04...	0.070	0.660	0.170	0.500	0.280	8.6	376	91
04...	0.040	0.700	0.130	0.370	0.280	8.2	123	21
04...	0.040	0.790	0.120	0.320	0.310	6.8	147	15
04...	0.040	0.790	0.090	0.300	0.280	6.2	286	24
10...	0.020	0.620	0.050	0.170	0.120	3.6	--	--
15...	0.010	0.770	0.020	0.100	0.050	1.4	--	--
23...	0.010	0.520	0.030	0.050	0.020	<0.2	--	--
JUL								
07...	0.010	0.660	0.050	0.120	0.060	2.0	--	--
22...	0.030	0.860	0.320	0.690	0.370	7.4	--	--
AUG								
03...	0.030	0.420	0.030	0.310	0.210	5.1	--	--
19...	0.010	0.420	0.040	0.050	0.030	1.5	--	--
SEP								
02...	<0.010	0.460	0.080	0.040	0.030	1.8	--	--
16...	0.010	0.510	0.070	0.060	0.030	1.9	--	--

07277730 SENATOBIA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	COLOR (PLAT- INUM- COBALT (00080) UNITS)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
OCT 23...	1300	10	4.0	1.7	10	1.2	24	1.8	9.6	<0.10	14
JUN 03...	1900	220	1.9	0.90	1.6	4.5	5.9	3.1	1.8	0.10	4.1
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL IN BOT- TOM MA- RECOV- ERABLE (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01028)
OCT 23...	52	60	0.010	0.670	0.020	0.010	110	<1	6	<1	<1
JUN 03...	48	26	0.010	0.760	0.160	0.180	9600	1	11	<1	<1
DATE		CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G (01029)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, FM BOT- TOM MA- TERIAL (UG/G AS CO) (01038)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, FM BOT- TOM MA- TERIAL (UG/L AS CU) (01043)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, FM BOT- TOM MA- TERIAL (UG/G AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
OCT 23...	1	3	<1	<5	2	4	300	50	4700	<1	
JUN 03...	14	5	5	<5	12	8	13000	220	8500	10	
DATE		LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB) (01052)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY FM BOT- TOM MA- TERIAL (UG/L AS HG) (71921)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/L AS SE) (01147)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/L AS SE) (01148)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)
OCT 23...	<10	240	220	360	<0.10	0.01	<1	<1	10	10	
JUN 03...	<10	500	81	530	<0.10	0.02	<1	<1	30	20	

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI- CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI- CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39368)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39571)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL (UG/L) (39389)
FEB 20...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 23...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1

PESTICIDE ANALYSES. WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

[illegible]

07202000 YALOBUSHA RIVER AT CALHOUN CITY, MS

LOCATION.--Lat 33°50'20", long 89°18'55", in SEWSEW 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.--No estimated daily discharges. Records good. 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.

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)
Dec. 2	1500	*18,700	22.01	No other peaks greater than base discharge.			
Dec. 3	0300	(a)	22.64				

(a) Peak discharge occurred on Dec. 2.

REVISIONS.--Revised daily discharges for water years 1983 to 1985 are given below. These figures supersede those published in the 1983 to 1985 reports.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	4.6	1870	211	5950	1160	200	112	275	500	9.1	4.2
2	4.9	26	829	413	4150	631	1860	95	205	120	8.5	3.9
3	2.3	15	1860	364	1350	317	719	785	169	963	7.8	4.1
4	1.7	10	15100	166	596	229	225	793	756	107	7.1	12
5	1.5	5.7	5270	109	2500	14300	3240	252	900	139	6.8	6.9
6	1.6	5.5	1230	86	4400	8670	8640	129	760	261	10	6.1
7	11	5.1	281	70	1400	1640	5020	97	681	65	8.6	5.6
8	37	4.8	56	313	685	694	8850	85	209	37	8.0	51
9	32	62	41	2610	2990	303	1890	82	107	29	7.4	68
10	20	16	40	1290	11300	159	865	78	87	13	7.1	29
11	12	10	5280	643	4020	113	489	85	72	10	6.6	23
12	105	7.9	3650	256	1270	93	313	142	61	9.2	6.1	19
13	330	7.2	1240	153	762	81	374	89	51	8.2	5.8	17
14	158	6.4	407	116	613	76	13200	76	46	7.4	5.4	13
15	73	5.9	2370	97	459	65	2170	1870	66	7.0	5.1	11
16	40	5.5	1610	83	340	62	824	2350	60	51	4.9	10
17	22	5.1	681	79	245	103	492	902	119	259	87	9.5
18	13	4.9	149	71	185	84	342	603	124	37	83	8.8
19	7.8	4.8	93	68	150	67	269	19300	60	20	79	8.2
20	6.0	5.2	67	1840	121	801	207	12000	43	14	76	69
21	4.9	7.9	54	6620	101	950	147	5940	34	12	73	303
22	4.2	143	47	2500	1450	367	401	3200	52	10	71	46
23	3.8	614	43	1150	1310	163	4020	1310	422	9.1	69	29
24	3.3	302	263	648	908	127	1510	887	629	8.3	67	22
25	3.0	191	6290	388	848	88	735	741	81	7.8	3.8	18
26	2.5	142	50800	286	437	195	389	654	58	928	3.6	16
27	2.2	410	23900	1250	247	781	241	579	534	123	14	15
28	2.0	7400	9660	790	466	279	168	552	526	30	5.6	12
29	1.9	1490	1940	464	---	125	143	525	117	14	15	11
30	1.7	652	871	583	---	80	129	501	580	12	5.2	10
31	1.7	---	468	340	---	61	---	351	---	10	4.6	---
TOTAL	921.0	11569.5	136460	24057	49253	32864	58072	55165	7884	3821.0	771.1	861.3
MEAN	29.7	386	4402	776	1759	1060	1936	1780	263	123	24.9	28.7
MAX	330	7400	50800	6620	11300	14300	13200	19300	900	963	87	303
MIN	1.5	4.6	40	68	101	61	129	76	34	7.0	3.6	3.9
CFSM	.10	1.26	14.4	2.54	5.77	3.48	6.35	5.83	.86	.40	.08	.09
IN.	.11	1.41	16.64	2.93	6.01	4.01	7.08	6.73	.96	.47	.09	.11

07282000 YALOBUSHA RIVER AT CALHOUN CITY, MS

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	7.4	49	667	140	314	115	180	21	19	27	4.7
2	6.9	7.5	3400	366	137	213	1620	546	20	12	15	3.9
3	5.6	7.6	37700	270	155	164	11600	6940	19	14	14	3.8
4	4.7	8.7	20300	224	147	209	1970	1800	19	11	11	7.0
5	3.9	10	3550	206	106	7050	826	799	16	9.2	45	5.5
6	3.3	9.8	7140	227	67	1970	390	249	14	8.4	61	4.2
7	2.8	9.0	1960	186	72	1060	206	597	17	7.9	24	3.4
8	2.3	8.6	996	131	80	667	154	9200	15	7.6	14	3.1
9	2.1	8.6	626	111	80	421	147	1910	13	9.4	10	3.6
10	1.9	8.5	481	3300	1120	287	119	732	13	9.0	8.3	17
11	1.8	7.9	1150	1800	1200	247	103	221	13	8.1	7.1	13
12	62	7.1	1050	989	1570	225	106	122	11	6.5	6.3	6.2
13	59	7.3	661	599	2080	255	81	89	11	7.7	5.4	4.6
14	12	7.9	2180	356	1010	198	71	72	9.9	8.0	5.8	3.8
15	6.2	33	1120	254	589	162	61	61	93	6.0	5.3	3.1
16	5.4	28	628	283	681	146	63	52	30	7.4	5.4	3.0
17	5.0	15	400	234	621	1930	59	47	15	9.1	6.8	2.9
18	5.8	10	280	1460	354	1200	54	44	11	19	5.3	2.4
19	5.8	19	202	1040	234	708	290	42	11	10	4.4	2.2
20	5.8	875	160	526	163	710	835	38	11	6.3	4.0	2.0
21	5.3	214	394	430	132	515	342	37	10	4.9	3.5	1.9
22	167	42	5070	424	115	245	2370	39	15	4.0	4.1	1.8
23	113	3350	1590	755	102	156	1050	40	15	3.3	4.9	1.9
24	23	1270	914	2970	97	168	329	47	38	3.2	13	1.8
25	14	505	676	1350	82	334	134	34	24	3.5	6.6	2.5
26	10	93	652	820	99	172	97	28	12	3.7	4.8	2.2
27	8.8	465	682	580	2140	141	507	60	10	4.4	3.8	2.0
28	8.1	835	6500	384	1090	1880	973	33	9.5	4.7	4.5	1.9
29	7.5	220	1970	285	609	980	1130	26	17	4.5	36	2.0
30	7.1	71	1700	211	---	362	703	22	34	34	12	2.1
31	7.1	---	1310	163	---	153	---	21	---	150	6.3	---
TOTAL	581.6	8160.9	105491	21601	15072	23242	26505	24128	567.4	415.8	428.7	119.5
MEAN	18.8	272	3403	697	520	750	883	778	18.9	13.4	13.8	3.98
MAX	167	3350	37700	3300	2140	7050	11600	9200	93	150	61	17
MIN	1.8	7.1	49	111	67	141	54	21	9.5	3.2	3.5	1.8
CFSM	.06	.89	11.2	2.28	1.70	2.46	2.90	2.55	.06	.04	.05	.01
IN.	.07	1.00	12.87	2.63	1.84	2.83	3.23	2.94	.07	.05	.05	.01

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	25	119	42	1360	381	706	694	9.0	7.6	8.2	4.9
2	2.1	989	627	39	458	354	270	1160	7.5	6.0	6.8	4.6
3	2.1	381	925	36	259	295	145	501	6.4	6.1	5.9	5.1
4	2.3	113	337	94	198	249	110	194	5.5	6.5	5.2	14
5	2.1	69	159	113	1200	202	93	101	4.8	6.2	41	11
6	2.7	48	217	110	1850	148	111	76	4.9	5.8	670	7.1
7	35	35	137	108	1400	126	87	60	5.2	4.1	327	5.3
8	150	28	101	111	944	118	69	444	12	4.0	58	4.7
9	116	25	85	96	857	106	58	592	7.1	4.4	22	4.4
10	48	129	73	96	1710	100	54	198	5.8	4.1	13	3.8
11	42	201	62	117	6230	106	50	95	3.8	3.5	8.6	4.3
12	30	78	60	82	2050	99	46	68	3.5	6.3	15	3.4
13	13	43	56	57	935	100	45	48	3.2	4.3	8.8	3.3
14	8.0	28	50	53	622	90	57	38	3.6	3.3	6.2	3.1
15	6.4	30	40	45	596	72	113	33	3.9	4.5	7.4	2.6
16	5.8	122	36	621	451	64	89	27	2.8	19	663	2.2
17	25	88	36	2510	359	68	67	23	4.7	15	1010	2.0
18	37	510	45	1120	299	55	55	19	376	7.6	366	1.8
19	20	1600	42	547	279	52	46	16	127	5.2	62	1.7
20	16	643	38	266	375	49	43	16	24	3.9	25	1.6
21	288	161	38	209	389	52	37	17	14	3.2	15	1.5
22	2240	79	44	200	268	100	33	55	11	3.3	12	1.4
23	2390	55	42	157	251	91	35	41	9.1	13	10	2.1
24	969	47	35	119	4550	104	383	25	7.0	7.0	25	2.8
25	301	40	42	106	1740	86	156	18	7.8	8.8	48	3.5
26	90	34	44	79	1270	60	82	14	33	14	23	3.3
27	56	281	40	68	788	91	119	12	110	127	12	2.9
28	42	822	39	196	501	287	119	11	17	49	8.1	2.5
29	33	365	34	207	---	193	88	27	10	27	6.5	2.1
30	28	162	31	184	---	108	62	21	7.6	15	5.6	2.7
31	25	---	30	635	---	1070	---	13	---	10	5.4	---
TOTAL	7027.6	7231	3664	8423	32189	5076	3428	4657	847.2	404.7	3499.7	115.7
MEAN	227	241	118	272	1150	164	114	150	28.2	13.1	113	3.86
MAX	2390	1600	925	2510	6230	1070	706	1160	376	127	1010	14
MIN	2.1	25	30	36	198	49	33	11	2.8	3.2	5.2	1.4
CFSM	.74	.79	.39	.89	3.77	.54	.37	.49	.09	.04	.37	.01
IN.	.86	.88	.45	1.03	3.93	.62	.42	.57	.10	.05	.43	.01

YAZOO RIVER BASIN

07282000 YALOBUSHA RIVER AT CALHOUN CITY. MS

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	23	4940	42	130	250	268	63	3.8	536	76	26
2	3.2	28	12700	39	101	214	199	52	3.6	175	36	16
3	3.2	18	11500	39	83	178	162	46	14	230	20	51
4	3.1	13	2240	40	80	163	144	34	56	234	12	288
5	3.1	11	486	38	88	169	107	26	35	88	123	168
6	3.0	10	177	35	96	172	87	20	21	108	321	81
7	3.0	9.7	101	32	88	169	121	17	39	60	112	47
8	2.8	9.7	75	30	79	146	164	15	44	31	47	26
9	2.8	10	599	31	65	163	144	13	74	22	24	16
10	2.8	10	837	31	55	5670	152	12	40	13	14	10
11	2.8	10	330	28	50	1770	131	10	1080	8.6	9.6	10
12	2.8	10	152	33	50	778	98	10	1490	6.2	7.2	8.2
13	2.7	10	1260	248	77	496	79	11	1250	5.0	10	6.2
14	2.7	11	1240	719	157	382	67	10	488	9.1	9.9	4.8
15	2.7	11	461	330	2870	293	58	9.1	208	348	7.2	3.9
16	2.7	11	209	159	1060	236	50	8.1	116	343	5.3	3.5
17	2.7	11	128	105	626	214	44	7.5	74	658	4.3	3.3
18	2.6	11	87	94	554	526	38	10	50	159	3.5	3.4
19	2.6	13	61	103	434	887	45	25	37	69	3.2	4.2
20	2.6	539	49	103	314	572	4340	21	29	37	2.9	4.4
21	2.6	211	47	125	249	415	2870	14	54	22	4.4	4.4
22	2.6	66	47	141	234	402	1050	10	50	24	8.1	6.0
23	2.7	35	56	194	227	869	503	8.0	30	589	8.4	5.9
24	3.0	23	64	181	211	584	322	6.5	24	172	7.7	5.1
25	3.5	17	52	125	320	436	236	5.5	106	309	6.3	4.3
26	3.9	13	43	100	752	387	169	4.9	1970	144	5.0	102
27	4.3	10	39	93	539	302	129	4.4	615	61	487	168
28	4.8	8.9	49	121	398	227	106	4.2	199	56	738	59
29	5.7	7.9	63	142	304	192	87	4.1	78	152	468	25
30	7.1	8.5	59	132	---	244	75	4.1	73	509	142	13
31	8.5	---	49	130	---	355	---	4.0	---	211	54	---
TOTAL	106.3	1179.7	38200	3763	10291	17861	12045	489.4	8351.4	5388.9	2777.0	1173.6
MEAN	3.43	39.3	1232	121	355	576	401	15.8	278	174	89.6	39.1
MAX	8.5	539	12700	719	2870	5670	4340	63	1970	658	738	288
MIN	2.6	7.9	39	28	50	146	38	4.0	3.6	5.0	2.9	3.3
CFSM	.01	.13	4.04	.40	1.16	1.89	1.32	.05	.91	.57	.29	.13
IN.	.01	.14	4.66	.46	1.26	2.18	1.47	.06	1.02	.66	.34	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

MEAN	49.5	280	636	680	860	958	814	440	162	102	33.1	55.2
MAX	622	2827	4402	2400	2409	3583	3418	3696	1815	948	303	857
(WY)	1976	1958	1983	1974	1991	1980	1991	1991	1989	1979	1975	1979
MIN	.15	.99	3.59	11.5	66.1	83.2	15.9	7.45	.38	1.26	.80	.000
(WY)	1954	1982	1966	1956	1963	1954	1986	1988	1988	1954	1951	1952

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1951 - 1992
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ANNUAL TOTAL	393503.3		101626.3			
ANNUAL MEAN	1078		278		420	
HIGHEST ANNUAL MEAN					1171	1991
LOWEST ANNUAL MEAN					78.6	1986
HIGHEST DAILY MEAN	29500	May 27	12700	Dec 2	50800	Dec 26 1982
LOWEST DAILY MEAN	2.6	Oct 18-22	2.6	Oct 18-22	No flow	Many days
ANNUAL SEVEN-DAY MINIMUM	2.6	Oct 16	2.6	Oct 16	No flow	Many days
INSTANTANEOUS PEAK FLOW			18700	Dec 2	70100	Dec 26 1982
INSTANTANEOUS PEAK STAGE			22.64	Dec 3	25.75	Dec 26 1982
INSTANTANEOUS LOW FLOW			2.6	Oct 18-22	No flow	Many days
ANNUAL RUNOFF (CFSM)	3.53		.91		1.38	
ANNUAL RUNOFF (INCHES)	47.99		12.40		18.73	
10 PERCENT EXCEEDS	1930		514		888	
50 PERCENT EXCEEDS	87		52		35	
90 PERCENT EXCEEDS	5.7		4.1		1.8	

07283000 SKUNA RIVER AT BRUCE, MS

LOCATION.--Lat 33°58'25", long 89°20'50", in SW4SW4 sec.6, T.13 S., R.1 W., Chickasaw Meridian, Calhoun County.
Hydrologic Unit 08030205, on left 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 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: Oct. 29-30, Nov. 21 - Dec. 3, Jan. 9-10, Mar. 25 - Apr. 8, Apr 21-29, May 25 - June 1, June 12-14, July 15-16, 20, 24-25, 30-31, Aug. 1-2, 22-23, Sept. 5-6. Records are fair except for estimated daily discharges, which are poor. U.S. Army Corps of Engineers satellite telemeter at station.

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)
Dec. 1	1700	*32,600	*30.09	Mar. 10	0800	8,020	18.55
Dec. 2	2000	2,480	27.41	Apr. 20	1900	5,730	16.39
Dec. 13	1700	9,020	19.37	Aug. 27	1900	8,150	18.66

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	44	e7600	86	66	139	e218	45	e11	275	e330	62
2	11	37	e20000	78	59	113	e200	38	11	81	e110	58
3	11	22	e13000	77	55	99	e188	33	174	39	39	515
4	11	18	669	75	52	97	e182	29	79	31	32	310
5	11	16	304	69	63	90	e170	27	31	68	35	e170
6	10	15	185	65	64	89	e400	24	21	88	34	e94
7	9.5	15	122	61	54	87	e600	47	155	32	30	61
8	9.6	16	89	58	57	75	e270	32	151	22	31	46
9	9.7	16	981	e90	47	133	129	25	89	17	24	38
10	9.5	17	1250	e88	44	4000	101	21	39	16	20	34
11	9.4	18	395	68	44	664	84	20	1080	15	20	56
12	9.4	18	213	131	44	333	70	20	e1100	14	19	38
13	9.3	18	4130	519	51	227	59	23	e500	14	22	30
14	8.8	17	1810	1190	85	179	51	22	e230	15	20	27
15	8.8	18	462	320	2030	142	48	19	106	e60	15	26
16	8.6	18	281	188	488	121	42	18	66	e310	13	24
17	8.7	18	208	139	315	115	41	16	51	182	12	23
18	8.7	19	163	126	539	629	35	16	40	114	11	28
19	8.7	25	139	120	338	810	59	28	34	124	10	42
20	7.5	389	120	104	204	326	2290	21	29	e72	9.6	34
21	7.6	e500	111	100	157	209	e700	17	27	46	9.5	48
22	7.9	e280	108	99	129	336	e330	15	23	70	e13	108
23	8.7	e222	135	103	122	1330	e222	15	22	220	e14	55
24	14	e180	146	101	146	367	e160	16	19	e120	12	32
25	18	e155	107	83	291	e280	e128	e20	19	e68	10	27
26	13	e138	93	70	1110	e240	e100	e23	143	43	8.8	933
27	11	e122	83	65	429	e214	e82	e16	86	33	3130	447
28	10	e112	116	81	256	e192	e66	e14	34	31	1380	118
29	e10	e600	144	84	182	e220	e55	e13	23	62	195	58
30	e11	e3000	118	80	---	e480	49	e13	44	e350	107	38
31	13	---	98	76	---	e290	---	e12	---	e800	78	---
TOTAL	316.4	6083	53380	4594	7521	12626	7129	698	4437	3432	5793.9	3580
MEAN	10.2	203	1722	148	259	407	238	22.5	148	111	187	119
MAX	18	3000	20000	1190	2030	4000	2290	47	1100	800	3130	933
MIN	7.5	15	83	58	44	75	35	12	11	14	8.8	23
CFSM	.04	.80	6.78	.58	1.02	1.60	.94	.09	.58	.44	.74	.47
IN.	.05	.89	7.82	.67	1.10	1.85	1.04	.10	.65	.50	.85	.52

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1992, BY WATER YEAR (WY)

	MEAN	46.7	257	498	586	763	848	650	351	182	95.9	55.2	78.0
MAX	389	1922	3035	2091	2703	3426	2356	1481	1001	661	460	895	
(WY)	1985	1958	1983	1949	1991	1973	1991	1991	1986	1989	1950	1958	
MIN	3.23	5.67	10.6	18.8	76.5	58.4	26.3	14.8	4.99	4.85	1.72	1.90	
(WY)	1954	1956	1966	1986	1978	1954	1986	1965	1988	1952	1954	1954	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1948 - 1992

	ANNUAL TOTAL	300279.4	109590.3	
ANNUAL MEAN	823		299	366
HIGHEST ANNUAL MEAN				767
LOWEST ANNUAL MEAN				74.6
HIGHEST DAILY MEAN	31900	Feb 19	20000	Dec 2
LOWEST DAILY MEAN	7.5	Oct 20	7.5	Oct 20
ANNUAL SEVEN-DAY MINIMUM	8.2	Oct 16	8.2	Oct 16
INSTANTANEOUS PEAK FLOW			32600	Dec 1
INSTANTANEOUS PEAK STAGE			30.09	Dec 1
ANNUAL RUNOFF (CFSM)	3.24		1.18	
ANNUAL RUNOFF (INCHES)	43.98		16.05	
10 PERCENT EXCEEDS	1860		434	
50 PERCENT EXCEEDS	122		64	
90 PERCENT EXCEEDS	13		12	

a From rating curve extended above 19,000 ft³/s on basis of indirect measurement.

07285400 BATUPAN BOGUE AT GRENADA, MS

LOCATION.--Lat 33°46'26", long 89°47'15", in NEMSEW sec.17, T.22 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, on downstream side of bridge on State Highway 8, 0.2 mi east of Grenada, 1.4 mi upstream from mouth, and 1.1 mi downstream from Perry Creek.

DRAINAGE AREA.--240 mi²

PERIOD OF RECORD.--Water years 1972, 1985 to current year.

PERIOD OF DAILY RECORD.--

DISCHARGE: June 1985 to current year.

SPECIFIC CONDUCTANCE: July 1985 to September 1987.

pH: June 1985 to September 1987.

WATER TEMPERATURE: June 1985 to September 1987.

DISSOLVED OXYGEN: July 1985 to September 1987.

SUSPENDED SEDIMENT CONCENTRATION: July 1985 to current year.

SUSPENDED SEDIMENT DISCHARGE: July 1985 to current year.

INSTRUMENTATION.--Water-stage recorder and crest-stage gage. Datum of gage is 162.13 ft above National Geodetic Vertical Datum of 1929. Automatic pumping sediment sampler since October 1985.

REMARKS.--Unpublished records of daily specific conductance, pH, water temperature, and dissolved oxygen during selected storm events are available in files of District office. Estimated daily discharges: Oct. 1-Nov. 20, Dec. 15-Jan. 21. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--7 years, 407 ft³/s, 23.03 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 30,400 ft³/s, Apr. 29, 1991, gage height, 19.65 ft; minimum, 17 ft³/s, June 18, 20-21, 1988.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 6,300 mg/L, Dec. 1, 1991; minimum daily mean, 3 mg/L, Nov. 8, 1987, Aug. 1, 11, 1988.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 160,000 tons, Dec. 1, 1991; minimum daily, 0.22 ton, Nov. 8, 1987.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 12,700 ft³/s, Dec. 2, gage height, 14.43 ft; minimum, 30 ft³/s, July 11, 12, 13.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 6,300 mg/L, Dec. 1; minimum daily mean, 7 mg/L, Oct. 11.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 160,000 tons, Dec. 1; minimum daily, 0.87 ton, Nov. 11.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT												
02...	0725	59	123	6.4	18.5	9.3	0.010	0.080	0.020	0.060	0.030	2.9
16...	1530	90	137	7.3	16.0	8.2	0.010	0.050	0.030	0.040	0.030	1.7
29...	1200	47	143	7.2	21.5	7.4	0.010	0.030	0.110	0.020	<0.010	2.3
NOV												
13...	1605	41	129	6.8	10.5	--	0.010	0.050	0.060	0.040	0.030	0.8
DEC												
05...	1505	642	53	6.9	9.5	10.3	0.020	0.070	0.130	0.110	0.100	6.4
10...	1530	710	45	6.6	12.5	9.8	0.030	0.140	0.080	0.120	0.140	7.3
18...	0900	197	76	6.6	7.5	10.3	0.010	0.100	0.060	0.040	0.040	4.0
JAN												
08...	1020	128	97	7.2	10.0	9.4	0.010	0.080	0.040	0.020	0.040	2.6
22...	1415	236	71	6.8	7.0	12.1	0.010	0.110	0.040	0.080	0.060	4.7
FEB												
05...	1355	100	106	7.3	8.5	10.2	0.010	0.060	0.020	<0.020	0.030	2.4
19...	1015	264	66	7.0	13.5	10.2	0.010	0.080	0.040	0.070	0.060	4.8
MAR												
05...	1725	278	87	7.0	18.0	8.5	0.010	0.110	0.020	0.120	0.070	6.3
17...	1800	180	86	7.0	16.5	8.9	<0.010	0.100	0.030	0.090	0.070	7.3
31...	1630	145	90	6.8	17.5	9.4	0.010	0.090	0.030	0.090	0.040	3.1
APR												
15...	1155	72	114	6.2	23.5	8.9	0.010	0.050	0.010	0.040	<0.010	3.3
28...	1305	103	111	6.6	18.0	9.5	<0.010	0.080	0.030	0.060	0.030	2.8
MAY												
18...	1230	49	--	7.0	26.5	8.5	0.010	0.090	0.020	0.040	<0.010	2.1
JUN												
11...	1030	1880	49	6.6	22.0	6.6	--	--	--	--	--	8.0
16...	0745	72	105	7.0	25.0	7.4	0.010	0.100	0.030	0.070	0.040	2.7
24...	0815	41	143	7.4	23.0	7.4	<0.010	0.030	0.020	0.050	0.030	1.5
JUL												
08...	1030	34	140	7.1	28.5	8.6	<0.010	0.020	0.010	0.080	0.030	3.1
22...	1730	101	75	6.9	31.0	7.0	0.010	0.070	0.020	0.120	0.080	5.6
AUG												
05...	1000	42	139	7.3	28.0	7.7	<0.010	0.020	0.010	0.060	0.030	3.2
19...	1430	36	147	7.2	27.0	10.5	<0.010	<0.020	0.010	0.050	0.030	2.8
SEP												
02...	1515	60	116	7.1	27.0	7.7	<0.010	0.020	0.010	0.070	0.040	4.2
15...	1140	38	138	6.8	25.0	9.4	<0.010	0.020	0.010	0.050	0.030	2.8

07285400 BATUPAN BOGUE AT GRENADA, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	<0.1	<0.010	0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN WATER UNFLTRD REC (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39399)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39531)	METHIO- CARB WATER WHOLE RECOV. (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/L) (39600)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/L) (39601)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/L) (39791)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/L) (39795)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYAMYL WATER WHOLE TOT.REC (UG/L) (82613)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39519)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE RECOV. (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 19...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07285400 BATUPAN BOGUE AT GRENADA, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOTAL TRI- THION (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (82184)	ATRA- ZINE WATER UNFLTRD REC (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
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FEB 19...	--	--	--	--	<0.01	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 24...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--

DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER WHOLE RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER WHOLE RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER WHOLE RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER WHOLE RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT.REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT.REC (UG/L) (82611)
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FEB 19...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
JUN 24...	--	--	--	--	--	--	--	--	--	--	--

DATE	PICLO- RAM (TOR- DON) (AMDN) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER WHOLE RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER WHOLE RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WHOLE RECOVER (UG/L) (30324)
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FEB 19...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10
JUN 24...	--	--	--	--	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)
JUN 11...	1030	27	35	48	66	83	91	92	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
DEC 10...	1532	25.0	<1	<1	11	97	100
DEC 10...	1534	50.0	<1	<1	20	97	100
DEC 10...	1636	75.0	1	3	53	99	100
JUL 08...	1032	25.0	1	1	33	94	100
JUL 08...	1034	50.0	<1	<1	9	83	100
JUL 08...	1036	75.0	1	1	6	75	99

07285400 BATUPAN BOGUE AT GRENADA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	e70	31	5.9	e159	136	59	7680	6300	160000
2	e59	25	3.9	e96	44	11	8800	5340	154000
3	e68	15	2.8	e53	27	3.9	5630	829	15900
4	e72	13	2.5	e45	17	2.1	1280	325	1150
5	e63	11	1.9	e42	14	1.6	695	225	426
6	e59	10	1.7	e41	13	1.5	498	154	209
7	e56	10	1.5	e42	13	1.5	351	104	99
8	e81	9	2.1	e43	14	1.6	280	70	53
9	e71	9	1.7	e42	12	1.3	1380	1710	7940
10	e60	8	1.3	e42	9	1.1	1170	435	1690
11	e105	7	2.0	e42	8	.87	516	102	136
12	e82	8	1.8	e42	12	1.4	861	57	132
13	e58	9	1.4	e41	21	2.3	3750	1970	28000
14	e50	9	1.3	e40	13	1.4	1420	237	1140
15	e48	8	1.0	e41	11	1.2	e448	64	78
16	e90	17	4.3	e43	11	1.3	e209	45	26
17	e60	18	2.9	e44	12	1.4	e451	45	54
18	e52	13	1.8	e45	13	1.6	e197	40	22
19	e48	14	1.8	e48	17	2.2	e170	24	11
20	e45	16	2.0	e1070	2740	7920	e148	16	6.2
21	e45	18	2.2	450	468	732	e132	20	7.3
22	e44	18	2.1	230	61	38	e167	29	13
23	e45	17	2.1	182	41	20	e144	38	15
24	e45	16	2.0	154	27	11	e160	31	13
25	e48	14	1.9	138	22	8.2	e130	22	7.6
26	e45	13	1.6	131	19	6.8	e115	15	4.7
27	e49	15	2.0	126	20	6.8	e117	11	3.5
28	e52	17	2.4	121	21	6.8	e126	10	3.5
29	e47	19	2.5	115	22	6.9	e119	10	3.1
30	e56	19	2.8	206	1160	868	e115	9	2.9
31	e50	17	2.4	---	---	---	e106	11	3.1
JANUARY			FEBRUARY			MARCH			
1	e94	12	3.2	104	24	6.9	122	49	16
2	e100	12	3.4	99	23	6.2	111	38	11
3	e147	12	4.7	94	24	6.2	103	32	8.8
4	e110	11	3.4	92	25	6.3	104	39	11
5	e104	16	4.5	99	23	6.1	199	147	119
6	e105	23	6.5	97	22	5.8	227	147	96
7	e95	26	6.6	91	23	5.7	145	35	14
8	e128	26	9.1	86	26	5.9	112	23	6.9
9	e103	21	5.7	83	27	6.0	246	972	1790
10	e111	17	5.1	83	28	6.3	3280	3230	32700
11	e106	21	6.0	80	30	6.5	827	238	576
12	e102	27	7.6	80	39	8.5	393	121	131
13	e121	42	14	146	129	54	277	77	58
14	e211	203	116	275	252	1050	230	56	35
15	e134	59	21	3550	4630	54100	209	41	23
16	e105	33	9.5	954	290	858	186	32	16
17	e97	28	7.3	476	132	170	175	70	33
18	e89	35	8.4	378	97	99	384	465	804
19	e87	45	11	268	88	64	730	533	1350
20	e85	58	13	220	50	30	303	138	116
21	e162	69	30	186	41	20	226	67	41
22	235	68	43	168	38	17	285	157	234
23	238	61	39	161	39	17	901	1230	3800
24	167	43	20	156	52	22	315	102	91
25	135	30	11	215	77	50	258	58	41
26	122	23	7.5	409	199	232	229	42	26
27	119	27	8.8	223	74	45	189	35	18
28	156	34	14	174	63	29	161	30	13
29	140	32	12	146	55	22	150	26	11
30	123	28	9.2	---	---	---	165	32	14
31	115	26	8.0	---	---	---	153	40	17

07285400 BATUPAN BOGUE AT GRENADA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	133	39	14	90	82	20	46	37	4.7
2	124	35	12	85	81	19	46	53	6.6
3	116	32	10	82	79	18	64	113	21
4	111	28	8.5	78	82	17	76	129	26
5	103	26	7.3	75	102	21	60	64	10
6	98	34	9.0	70	127	24	53	62	9.0
7	160	104	48	67	118	21	117	211	78
8	131	84	30	65	102	18	69	96	18
9	107	33	9.6	65	98	17	94	244	65
10	97	26	6.9	62	95	16	64	166	29
11	93	27	6.7	61	92	15	839	2220	7020
12	87	27	6.3	61	81	13	323	1370	1680
13	82	28	6.3	61	50	8.3	225	791	674
14	76	37	7.7	60	33	5.4	101	96	27
15	72	92	18	57	33	5.1	83	47	11
16	67	187	34	54	34	4.9	71	45	8.6
17	66	150	27	51	34	4.7	63	35	5.9
18	64	112	19	66	282	117	56	33	5.0
19	65	102	18	210	1610	1170	51	32	4.5
20	1920	3060	26400	85	655	152	48	34	4.4
21	1050	1000	3800	65	375	66	45	37	4.5
22	302	155	133	56	210	32	43	39	4.5
23	191	100	52	51	128	18	43	36	4.1
24	154	73	31	49	79	10	40	33	3.6
25	137	58	21	48	52	6.7	39	32	3.3
26	121	47	15	47	43	5.5	81	159	52
27	111	42	12	46	38	4.8	76	114	24
28	104	52	15	46	36	4.4	47	56	7.2
29	99	68	18	52	34	4.8	42	30	3.4
30	95	76	19	54	34	4.9	45	29	3.7
31	---	---	---	50	34	4.6	---	---	---
JULY			AUGUST			SEPTEMBER			
1	239	740	590	54	45	6.6	65	24	4.1
2	83	87	21	60	48	7.9	60	32	5.3
3	103	366	162	55	51	7.6	183	508	352
4	63	58	9.9	47	38	4.8	225	365	296
5	45	38	4.7	52	193	36	103	94	26
6	40	28	3.0	294	1090	1370	72	81	16
7	36	26	2.6	61	80	14	60	69	11
8	33	25	2.2	49	18	2.4	53	56	8.1
9	32	27	2.3	76	132	36	48	45	5.9
10	31	30	2.5	122	983	732	45	43	5.3
11	30	32	2.6	143	641	299	43	45	5.3
12	30	30	2.5	57	60	9.6	42	46	5.2
13	30	31	2.5	82	137	41	41	38	4.2
14	32	85	7.6	53	49	7.0	40	30	3.2
15	960	3200	18300	44	33	3.9	38	26	2.7
16	545	661	1330	40	23	2.5	37	38	3.8
17	1190	1400	6640	38	17	1.7	44	70	9.5
18	606	1310	6080	37	17	1.7	52	104	15
19	362	709	1030	37	17	1.7	59	111	18
20	180	630	893	40	12	1.6	45	65	7.8
21	240	1510	1090	146	431	283	45	66	8.4
22	115	153	51	43	59	7.0	133	335	148
23	83	66	15	48	47	6.3	56	85	13
24	72	50	9.8	40	24	2.6	43	56	6.6
25	86	142	37	37	21	2.1	40	44	4.7
26	60	47	7.7	35	20	1.9	849	1530	5740
27	55	27	4.0	1280	3000	16400	424	398	678
28	51	28	3.8	461	477	801	110	97	30
29	52	52	7.5	136	94	37	75	38	7.7
30	90	154	48	95	44	11	61	28	4.7
31	58	59	9.5	78	29	6.2	---	---	---

e Estimated

07285510 YALOBUSHA RIVER AT GRENADA, MS

LOCATION.--Lat 33°47'40", long 89°48'57", in SEW SWW sec. 6, T.22 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, on intake structure of Newsprint South, Inc., approximately .5 miles downstream of U.S. Highway 51 bridge.

DRAINAGE AREA.--1570 mi², approximately, U.S. Army Corps of Engineers

PERIOD OF RECORD.--February 1989 to current year. July 1, 1929 to date, stage data available; February 1929 to date, measured discharge available; and December 1, 1931 to June 30, 1953 daily discharge available in U.S. Army Corps of Engineers records for site 0.6 mi upstream.

GAGE.--Water stage recorder. Datum of gage is 148.68 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--February to September 1989: Estimated daily discharges: Nov. 28 - Dec. 19. Records good except for estimated discharges, which are poor. Regulated by Grenada Lake Spillway. Satellite telemeter at Station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 14, 1948, reached an elevation of 182.81 ft above NGVD of 1929 at site 2600 ft upstream, discharge 78,900 ft³/s from records of U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6130	2700	e6400	6450	411	1880	268	153	199	522	222	314
2	6240	3220	e8600	6460	397	1570	259	156	198	314	232	272
3	6220	3080	e6600	6590	313	616	245	158	285	310	232	320
4	6160	2990	e2000	6450	215	191	224	137	259	256	217	474
5	6070	2950	e1480	6590	242	266	215	137	230	219	241	234
6	5940	2870	e2180	6830	224	345	200	144	228	207	663	170
7	5860	2790	e3600	6830	211	232	263	148	333	203	273	142
8	5820	2720	e3600	6960	197	195	284	147	277	200	240	135
9	5860	2640	e4000	6670	180	552	196	152	295	198	270	130
10	5880	2570	e4300	6550	177	3960	131	159	262	192	346	117
11	6100	2560	e4600	6410	177	1370	123	167	1250	187	509	119
12	6060	2440	e4900	6270	182	916	120	175	1230	186	260	118
13	5930	2390	e5800	6210	295	1270	114	180	982	183	283	114
14	5840	2340	e1900	6300	444	2540	110	180	787	184	234	83
15	5770	2290	e2200	5940	4030	3140	108	179	484	1390	216	78
16	5750	2240	e4600	5710	962	3060	104	180	261	992	215	125
17	5740	2190	e6600	5510	388	3030	100	177	248	1390	214	146
18	5750	1210	e7000	5330	620	3160	99	178	231	749	215	167
19	5690	1950	e6900	5190	1100	3470	95	512	213	814	215	173
20	5060	1670	6790	5030	1510	3100	2290	267	205	358	212	146
21	4110	1170	6730	3970	2020	2980	1830	213	202	584	420	754
22	3470	2240	5670	1500	1970	2980	792	192	192	335	225	1390
23	3360	3120	4350	1050	1920	2680	470	173	192	262	226	1730
24	3300	2990	5520	925	1900	798	230	164	195	238	220	2260
25	3240	2900	6750	851	1980	479	221	176	192	263	1150	2240
26	3170	2850	6650	835	2220	453	215	209	250	222	170	2920
27	3110	2260	6550	819	2000	358	196	210	284	243	1670	2870
28	3060	e1600	6640	725	1930	318	183	207	207	217	1010	2430
29	3000	e1020	6780	511	1900	281	1090	211	193	220	518	2650
30	2950	e944	6650	476	---	287	161	211	204	278	390	2610
31	2850	---	6540	439	---	288	---	205	---	238	342	---
TOTAL	153490	70844	162880	136381	30115	46765	10936	5857	10568	12154	11850	25431
MEAN	4951	2361	5254	4399	1038	1509	365	189	352	392	382	848
MAX	6240	3220	8600	6960	4030	3960	2290	512	1250	1390	1670	2920
MIN	2850	944	1480	439	177	191	95	137	192	183	170	78
CFSM	3.15	1.50	3.35	2.80	.66	.96	.23	.12	.22	.25	.24	.54
IN.	3.64	1.68	3.86	3.23	.71	1.11	.26	.14	.25	.29	.28	.60

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1992, BY WATER YEAR (WY)

	1989	1990	1991	1992
MEAN	2769	3128	4592	5230
MAX	4951	4963	6461	5935
(WY)	1992	1990	1990	1991
MIN	1369	2060	2060	4399
(WY)	1991	1991	1991	1992

SUMMARY STATISTICS

	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1989 - 1992
ANNUAL TOTAL	1840190	677271	
ANNUAL MEAN	5042	1850	3238
HIGHEST ANNUAL MEAN			4441
LOWEST ANNUAL MEAN			1850
HIGHEST DAILY MEAN	21900	Apr 29	21900
LOWEST DAILY MEAN	478	Mar 10	30
ANNUAL SEVEN-DAY MINIMUM	705	Apr 20	33
INSTANTANEOUS PEAK FLOW			23000
INSTANTANEOUS PEAK STAGE			27.54
ANNUAL RUNOFF (CFSM)	3.21		2.06
ANNUAL RUNOFF (INCHES)	43.60		28.02
10 PERCENT EXCEEDS	8550		6440
50 PERCENT EXCEEDS	5180		2560
90 PERCENT EXCEEDS	1800		224

07287150 ABIACA CREEK NEAR SEVEN PINES, MS

LOCATION.--Lat 33°20'24", long 90°09'04", in NW4SE4 sec.13, T.17 N., R.1 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030206, on right bank at upstream side of bridge on county road, 5.0 mi northeast of Cruger, and 4.0 mi southwest of Seven Pines.

DRAINAGE AREA.--77.6 mi²

PERIOD OF RECORD.--October 1991 to September 1992.

PERIOD OF DAILY RECORD.--

DISCHARGE: October 1991 to September 1992.

SUSPENDED SEDIMENT CONCENTRATION: October 1991 to September 1992.

SUSPENDED SEDIMENT DISCHARGE: October 1991 to September 1992.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 134.28 ft above National Geodetic Vertical Datum of 1929. October 28, 1955 to present, discharge measurements and gage height record at same site and datum in files of U.S. Army Corps of Engineers, Vicksburg District. Automatic pumping sediment sampler since October 1991.

REMARKS.--Estimated daily discharges: Nov. 1, 20, Dec. 1-5. Discharge records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum observed, 4,700 ft³/s, Dec. 2, 1991, gage height, 15.39 ft; minimum, 23 ft³/s, Aug. 17, 1992.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,130 mg/L, Dec. 1, 1991; minimum daily mean, 22 mg/L, Feb. 9, 10, 1992.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 15,400 tons, Dec. 2, 1991; minimum daily, 2.8 tons, June 29, 1992.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum observed, 4,700 ft³/s, Dec. 2, gage height, 15.39 ft; minimum, 23 ft³/s, Aug. 17.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,130 mg/L, Dec. 1; minimum daily mean, 22 mg/L, Feb. 9, 10.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 15,400 tons, Dec. 2; minimum daily, 2.8 tons, June 29.

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCOCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
16...	1230	23	109	7.5	21.0	8.2	--	--
29...	1050	38	107	7.5	21.0	7.8	--	--
NOV								
12...	1130	38	104	6.9	11.0	10.8	--	--
DEC								
03...	1150	1270	--	7.6	12.0	9.7	--	--
11...	1020	126	77	6.6	12.5	10.8	--	--
17...	1230	121	80	7.6	11.0	9.6	--	--
JAN								
06...	0915	56	103	6.9	9.0	11.0	--	--
24...	0915	64	93	7.1	7.0	13.0	--	--
FEB								
04...	1340	55	112	7.5	11.5	10.4	--	--
18...	1530	169	59	6.4	17.5	9.1	--	--
MAR								
02...	1105	75	102	7.0	15.5	9.9	--	--
18...	0915	88	92	7.2	16.5	9.0	--	--
31...	1320	80	102	6.9	19.0	9.6	--	--
APR								
15...	1435	56	109	7.2	27.5	8.0	--	--
20...	1300	615	--	6.9	19.0	7.8	K23000	K22000
20...	1900	422	58	6.9	20.5	8.3	>6000	K24000
21...	0100	260	64	7.2	19.0	8.7	K18000	K12000
21...	0700	205	--	7.1	17.5	9.2	K8600	7000
21...	1300	166	77	7.3	22.0	9.5	5800	3800
21...	1900	140	78	6.7	22.5	8.4	5800	2200
22...	0100	128	82	7.3	21.0	7.5	2500	1800
22...	0700	120	86	7.1	17.0	9.3	2000	1200
22...	1300	106	93	7.1	23.0	9.8	720	360
29...	0830	57	108	7.3	14.5	9.1	--	--
MAY								
18...	1555	34	110	7.1	28.0	7.5	--	--
JUN								
10...	1750	33	103	7.5	31.0	7.1	--	--
16...	0950	72	82	7.4	25.0	8.5	--	--
24...	1115	44	102	7.6	25.5	8.1	--	--
JUL								
08...	1315	42	90	7.2	31.5	7.2	--	--
23...	0800	46	92	7.4	25.0	7.6	--	--
AUG								
06...	1110	35	100	7.5	26.5	8.2	--	--
18...	1230	31	102	7.2	24.5	8.9	--	--
24...	1400	36	98	7.5	30.0	8.0	120	210
24...	2000	30	99	7.3	29.0	8.5	110	240
25...	0200	33	102	7.3	25.0	7.5	160	230
25...	0800	34	100	7.4	24.0	8.2	200	200
25...	1400	33	99	7.5	31.0	7.4	K75	K60
25...	2000	28	100	7.5	29.0	8.0	120	260
26...	0200	31	103	7.3	26.0	7.6	160	200
26...	0800	33	103	7.4	25.0	7.3	100	200
26...	1400	31	100	7.3	29.0	7.0	K81	120
SEP								
01...	1330	66	--	6.8	27.5	8.1	--	--
17...	0955	41	104	7.3	24.0	8.7	--	--

YAZOO RIVER BASIN

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT								
16...	0.010	0.090	0.020	0.060	0.050	1.6	--	--
29...	0.010	0.090	0.010	0.020	0.010	1.2	--	--
NOV								
12...	0.010	0.120	0.030	0.040	0.040	0.8	--	--
DEC								
03...	0.040	0.080	0.050	0.570	0.200	8.6	783	2680
11...	0.040	0.140	0.070	0.220	0.210	4.7	--	--
17...	0.030	0.150	0.080	0.170	0.160	5.0	--	--
JAN								
06...	0.010	0.170	0.040	0.050	0.050	2.2	--	--
24...	0.010	0.100	0.020	0.060	0.050	3.0	--	--
FEB								
04...	0.010	0.030	0.010	<0.020	0.030	1.8	--	--
18...	0.030	0.140	0.040	0.220	0.180	6.2	--	--
MAR								
02...	0.010	0.150	0.020	0.100	0.060	2.5	--	--
18...	0.020	0.150	0.010	0.160	0.130	9.6	--	--
31...	0.010	0.140	0.020	0.100	0.060	2.1	--	--
APR								
15...	0.010	0.050	0.010	0.070	0.010	1.7	--	--
20...	0.100	0.690	0.240	1.40	0.350	8.0	--	--
20...	0.050	0.390	0.120	0.460	0.270	9.1	1230	1400
21...	0.040	0.260	0.060	0.490	0.230	6.8	477	335
21...	0.040	0.170	0.050	0.340	0.230	6.3	355	196
21...	0.030	0.150	0.030	0.260	0.180	5.2	259	116
21...	0.020	0.150	0.030	0.220	0.160	5.2	282	107
22...	0.020	0.140	0.040	0.230	0.140	4.4	184	64
22...	0.020	0.140	0.030	0.200	0.140	4.5	195	63
22...	0.020	0.150	0.020	0.170	0.120	4.7	174	50
29...	0.010	0.130	0.030	0.090	0.070	2.6	--	--
MAY								
18...	0.010	0.100	0.020	0.050	0.020	1.4	--	--
JUN								
10...	0.010	0.120	0.030	0.100	0.060	1.3	--	--
16...	0.020	0.070	0.020	0.130	0.070	2.0	--	--
24...	0.010	0.020	0.020	0.070	0.060	1.2	--	--
JUL								
08...	<0.010	0.100	0.030	0.120	0.060	1.7	--	--
23...	<0.010	0.130	0.030	0.100	0.060	2.5	--	--
AUG								
06...	<0.010	0.060	0.010	0.050	0.040	1.3	--	--
18...	<0.010	0.110	0.040	0.080	0.030	1.7	--	--
24...	0.010	0.230	0.040	0.170	0.120	3.1	64	6.2
24...	0.010	0.160	0.040	0.130	0.090	2.6	42	3.4
25...	0.010	0.130	0.040	0.110	0.080	2.0	75	6.7
25...	0.010	0.150	0.030	0.100	0.070	2.1	55	5.0
25...	0.010	0.150	0.030	0.130	0.070	2.4	50	4.5
25...	<0.010	0.130	0.040	0.070	0.060	1.8	79	6.0
26...	<0.010	0.110	0.040	0.200	0.060	1.8	47	3.9
26...	<0.010	0.130	0.030	0.110	0.060	2.5	38	3.4
26...	<0.010	0.120	0.040	0.080	0.050	1.6	30	2.5
SEP								
01...	<0.010	0.160	0.020	0.100	0.080	5.4	--	--
17...	<0.010	0.030	0.020	0.070	0.040	2.0	--	--

07207150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINEITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
APR 22...	1300	90	6.9	3.3	6.0	2.4	36	3.4	3.4	0.10	13
AUG 25...	1400	30	6.1	3.4	6.8	1.6	38	2.4	4.1	0.10	20
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD) (01027)	CADMIUM RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS CD) (01028)
APR 22...	50	62	0.010	0.150	0.020	0.110	1000	<1	5	<1	<1
AUG 25...	69	68	<0.010	0.150	0.030	0.040	680	1	2	<1	<1
DATE		CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	CHROMIUM, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS CO) (01029)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COBALT, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS CO) (01038)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	COPPER, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS CU) (01043)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS FE) (01170)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)
APR 22...	5	2	1	<5	4	3	3800	450	2300	3	
AUG 25...	3	2	<1	<5	2	<1	1600	220	1000	1	
DATE		LEAD, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS MN) (01052)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGANESE, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS MN) (01053)	MERCURY, TOTAL RECOVERABLE (UG/L AS HG) (71900)	MERCURY, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS HG) (71921)	SELENIUM, TOTAL RECOVERABLE (UG/L AS SE) (01147)	SELENIUM, IN BOT- TOM MA- TERIAL (UG/L AS SE) (01148)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ZINC, RECOVERABLE FM BOT- TOM MA- TERIAL (UG/L AS ZN) (01093)
APR 22...	<10	190	60	160	0.10	<0.01	<1	<1	7	<1	
AUG 25...	<10	96	20	330	<0.10	<0.01	<1	<1	40	<1	

YAZOO RIVER BASIN

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER WHOLE TOT. REC (UG/L) (82619)	ALDI-CARB SULFONE WATER WHOLE TOT. REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT. REC (UG/L) (82586)	ALDRIN, TOTAL TOM MA- TERIAL TOT. REC (UG/L) (39330)	ALDRIN, TOTAL TOM MA- TERIAL TOT. REC (UG/L) (39333)	CARBO- FURAN WATER WHOLE TOT. REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER WHOLE TOT. REC (UG/L) (82584)	CHLOR- DANE, TOTAL TOM MA- TERIAL TOT. REC (UG/L) (39350)	CHLOR- DANE, TOTAL TOM MA- TERIAL TOT. REC (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL TOM MA- TERIAL TOT. REC (UG/L) (39360)	DDD, TOTAL TOM MA- TERIAL TOT. REC (UG/L) (39363)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL TOM MA- TERIAL (UG/KG) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, TOTAL TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN, TOTAL (UG/L) (39380)	DI- ELDRIN, TOTAL TOM MA- TERIAL (UG/KG) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL TOM MA- TERIAL (UG/KG) (39389)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN WATER UNFLTRD REC (UG/L) (39390)	ENDRIN, TOTAL TOM MA- TERIAL (UG/KG) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL TOM MA- TERIAL (UG/KG) (39399)	FONOFOS (DY- FONATE) WATER WHOLE TOT. REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATERIAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATERIAL (UG/KG) (39423)	LINDANE TOTAL (UG/L) (39340)	LINDANE TOTAL TOM MA- TERIAL (UG/KG) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL TOM MA- TERIAL (UG/KG) (39531)	METHIO- CARB WATER WHOLE RECOVER (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOT. IN BOTTOM MATERIAL (UG/L) (39481)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL PARA- THION, TOT. IN BOTTOM MATERIAL (UG/L) (39601)	METHYL TRI- THION, TOT. IN BOTTOM MATERIAL (UG/L) (39791)	MIREX, TOTAL (UG/L) (39755)	MIREX, TOTAL TOM MA- TERIAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYAMYL WATER WHOLE TOT. REC (UG/L) (82613)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL TOM MA- TERIAL (UG/KG) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL TOM MA- TERIAL (UG/KG) (39519)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L) (39250)	PCN, TOTAL TOM MA- TERIAL (UG/L) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL TOM MA- TERIAL (UG/L) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE RECOVER (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL (UG/KG) (39403)	TOTAL THION (UG/L) (39786)	TRI- THION, TOTAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2,4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (UG/L) (82184)	ATRA- ZINE WATER REC (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
FEB 18...	--	--	--	--	0.06	<0.01	<0.01	--	--	--	--	--
MAR 02...	--	--	--	--	--	--	--	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 24...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--

DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT. REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT. REC (UG/L) (82611)
------	---	---	--	---	---	---	--	---	---	---	--

FEB 18...	--	--	--	--	--	--	<0.01	--	--	--	--
MAR 02...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	--	<0.10	0.50	<0.20	<0.10
JUN 24...	--	--	--	--	--	--	--	--	--	--	--

DATE	PICLO- RAM (TOR- DON) (AMDON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SINA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOV. (UG/L) (30324)
------	---	--	---	---	--	---------------------------------------	---	--	---	--	---

FEB 18...	<0.01	--	--	--	--	<0.01	--	--	--	--	--
MAR 02...	--	<0.20	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.20	<0.10	<0.10
JUN 24...	--	--	--	--	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM (70346)
DEC 03...	1150	21	25	29	36	53	67	71	86	98	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)
DEC 11...	1022	25.0	1	1	18	84	93	94	94
DEC 11...	1024	50.0	1	1	4	61	92	94	96
DEC 11...	1026	75.0	1	1	2	21	51	61	70
JUL 08...	1317	25.0	1	1	13	59	75	81	88
JUL 08...	1319	50.0	1	1	1	25	67	73	80
JUL 08...	1321	75.0	1	1	6	43	62	67	74

YAZOO RIVER BASIN

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	---	---	---	e164	623	276	e943	2130	5420
2	---	---	---	82	245	54	e2980	1910	15400
3	---	---	---	60	109	18	e1350	1130	4120
4	---	---	---	49	65	8.6	e700	1050	1980
5	---	---	---	44	61	7.2	e385	750	780
6	---	---	---	39	56	5.9	256	605	393
7	---	---	---	39	42	4.4	182	530	261
8	42	32	3.6	43	36	4.2	139	440	165
9	43	32	3.7	44	46	5.5	192	770	465
10	49	32	4.2	42	61	6.9	173	295	145
11	46	32	4.0	42	63	7.1	121	124	42
12	42	32	3.6	43	34	4.0	98	62	17
13	41	32	3.5	42	52	6.0	1120	967	4610
14	44	32	3.8	42	61	6.9	619	573	982
15	41	32	3.5	42	67	7.7	259	365	261
16	42	33	3.7	41	60	6.6	162	177	79
17	40	38	4.1	43	49	5.7	125	86	29
18	37	43	4.3	44	41	4.9	109	88	26
19	35	41	3.8	44	37	4.5	95	91	23
20	35	36	3.4	e178	570	274	84	92	21
21	36	37	3.6	99	155	42	84	83	19
22	38	53	5.5	72	75	14	81	75	16
23	37	75	7.5	57	56	8.6	99	153	43
24	38	85	8.7	50	44	6.0	82	99	22
25	40	92	9.9	44	39	4.6	75	82	17
26	42	88	10	43	49	5.7	72	74	14
27	42	85	9.7	41	62	6.9	70	62	12
28	42	87	9.9	40	66	7.1	69	55	10
29	43	72	8.3	42	66	7.5	66	49	8.8
30	42	57	6.5	42	64	7.3	63	44	7.5
31	44	53	6.3	---	---	---	60	52	8.3
JANUARY			FEBRUARY			MARCH			
1	61	89	15	58	43	6.8	78	37	7.9
2	59	70	11	56	39	5.9	73	34	6.6
3	58	56	8.8	56	34	5.1	69	37	6.8
4	59	61	9.8	54	29	4.2	68	38	7.0
5	58	68	11	55	33	5.0	158	331	163
6	56	76	12	55	30	4.5	130	203	73
7	55	84	12	55	27	4.0	102	119	33
8	53	84	12	56	24	3.6	87	66	16
9	52	57	8.1	55	22	3.2	78	42	9.4
10	50	42	5.7	52	22	3.0	346	1230	1310
11	52	42	5.9	51	28	3.9	174	218	107
12	56	43	6.6	55	33	5.0	122	109	36
13	61	70	12	63	29	5.0	101	85	23
14	83	184	42	230	680	2270	93	66	17
15	66	88	16	1730	1670	8710	85	51	12
16	60	61	9.9	644	545	1000	73	42	8.3
17	55	46	6.9	296	303	248	70	54	10
18	59	42	6.7	186	169	87	178	338	256
19	64	38	6.6	144	105	41	276	274	225
20	64	36	6.2	118	65	21	156	96	41
21	64	39	6.7	105	41	12	120	54	18
22	64	44	7.6	98	38	10	114	79	27
23	66	49	8.7	90	41	10	138	181	68
24	62	54	9.0	83	43	9.7	107	118	34
25	60	51	8.2	100	97	29	94	84	21
26	59	46	7.4	120	164	54	87	77	18
27	57	44	6.8	96	81	21	78	69	15
28	59	47	7.4	87	52	12	72	60	12
29	59	50	8.0	82	44	9.7	70	51	9.6
30	58	50	7.8	---	---	---	65	49	8.5
31	57	49	7.5	---	---	---	62	65	11

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	60	79	13	53	88	13	33	65	5.7
2	59	100	16	55	90	13	35	66	6.2
3	59	113	18	52	92	13	43	69	7.9
4	61	89	15	49	94	12	45	79	9.6
5	61	69	11	47	96	12	39	65	6.8
6	56	57	8.8	45	96	12	40	70	7.6
7	60	64	10	45	87	11	38	79	8.1
8	58	73	11	46	80	9.9	38	127	13
9	58	84	13	47	78	9.9	39	107	11
10	57	91	14	44	77	9.2	37	64	6.3
11	58	86	13	41	75	8.3	42	97	11
12	59	81	13	43	71	8.2	206	631	1570
13	56	80	12	46	67	8.3	363	937	1480
14	55	93	14	44	63	7.4	116	181	58
15	56	100	15	43	59	6.8	83	92	21
16	54	95	14	44	54	6.3	68	78	14
17	55	91	14	42	49	5.6	61	60	9.9
18	56	87	13	38	66	6.6	53	55	8.0
19	56	83	12	43	115	14	50	52	7.1
20	341	899	1160	44	130	16	53	50	7.2
21	180	315	161	42	65	7.5	50	47	6.3
22	110	177	53	42	35	4.0	44	44	5.2
23	87	143	34	45	32	3.9	44	41	4.8
24	73	115	23	44	30	3.5	40	38	4.1
25	74	84	17	44	29	3.4	40	36	3.9
26	66	60	11	40	33	3.5	36	35	3.4
27	57	48	7.5	48	37	4.8	38	33	3.4
28	55	66	9.8	33	41	3.7	37	32	3.2
29	53	88	12	35	46	4.3	34	31	2.8
30	53	89	13	36	52	5.0	35	30	2.9
31	---	---	---	35	58	5.6	---	---	---
JULY			AUGUST			SEPTEMBER			
1	336	619	596	34	81	7.5	67	51	9.2
2	292	281	228	36	85	8.3	56	74	15
3	141	167	64	33	84	7.5	154	398	173
4	84	143	32	31	71	5.9	95	232	59
5	62	126	21	29	59	4.6	67	231	42
6	51	107	15	32	50	4.4	58	222	35
7	44	79	9.4	32	45	3.9	49	211	28
8	39	63	6.6	31	47	4.0	44	170	20
9	37	66	6.6	33	50	4.5	43	141	17
10	36	70	6.7	30	55	4.4	45	147	18
11	38	71	7.2	32	71	6.1	41	138	16
12	37	72	7.2	31	100	8.4	40	93	10
13	33	69	6.2	43	163	19	41	61	6.9
14	32	56	4.9	37	93	9.3	38	47	4.8
15	188	796	953	34	77	7.1	36	54	5.3
16	207	580	355	31	67	5.6	38	57	5.8
17	107	541	157	28	64	4.8	39	45	4.7
18	81	368	81	29	78	6.2	57	142	24
19	66	228	41	29	92	7.1	46	104	13
20	56	155	23	29	94	7.3	48	95	12
21	49	141	19	30	94	7.5	58	179	45
22	45	128	16	33	122	13	69	279	61
23	42	107	12	69	457	94	45	125	15
24	41	92	10	34	114	11	44	114	14
25	40	84	9.1	31	50	4.3	40	106	12
26	38	77	7.9	30	35	2.9	332	730	1250
27	35	69	6.5	695	833	2220	198	331	181
28	34	59	5.5	315	243	222	104	225	64
29	35	55	5.1	149	142	58	73	153	30
30	33	66	5.8	113	100	30	57	104	16
31	34	77	7.1	89	70	17	---	---	---

e Estimated

07287160 ABIACA CREEK AT CRUGER, MS

LOCATION.--Lat 33°20'29", long 90°14'13", in NE¼NW¼ sec.18, T.17 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on left bank at downstream side of bridge on State Highway 49E, 1.0 mi north of Cruger.

DRAINAGE AREA.--77.8 mi²

PERIOD OF RECORD.--October 1991 to September 1992.

PERIOD OF DAILY RECORD.--

DISCHARGE: October 1991 to September 1992.

SUSPENDED SEDIMENT CONCENTRATION: October 1991 to September 1992.

SUSPENDED SEDIMENT DISCHARGE: October 1991 to September 1992.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 116.52 ft above National Geodetic Vertical Datum of 1929. Automatic pumping sediment sampler since October 1991.

REMARKS.--Estimated daily discharges: Nov. 21-30, Dec. 26-Jan. 7, Apr. 13-19, Aug. 6-18, Sept. 26. Discharge records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 2,400 ft³/s, Dec. 2, 1991, gage height, 11.34 ft; minimum, 21 ft³/s, Aug. 20, 1992.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 3,320 mg/L, Feb. 15, 1992; minimum daily mean, 11 mg/L, Jan. 10, 1992.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 13,300 tons, Dec. 2, 1991; minimum daily, 1.2 ton, Aug. 17, 1992.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 2,400 ft³/s, Dec. 2, gage height, 11.34 ft; minimum, 21 ft³/s, Aug. 20.

SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 3,320 mg/L, Feb. 15; minimum daily mean, 11 mg/L, Jan. 10.

SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 13,300 tons, Dec. 2; minimum daily, 1.2 ton, Aug. 17.

07287160 ABIACA CREEK AT CRUGER, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
16...	1030	44	103	7.3	21.0	--	--	--
29...	1000	38	110	7.4	21.0	7.6	--	--
NOV								
12...	1240	38	111	7.0	9.5	12.2	--	--
DEC								
03...	1440	1140	--	7.6	12.0	9.7	--	--
11...	0900	157	75	6.8	11.0	10.6	--	--
17...	1340	152	81	7.8	10.0	10.0	--	--
JAN								
06...	1130	126	104	7.3	9.5	11.4	--	--
24...	1040	61	94	7.3	7.0	12.4	--	--
FEB								
04...	1250	41	112	7.6	11.0	10.4	--	--
18...	1430	176	57	--	16.5	9.5	--	--
MAR								
02...	1205	61	101	7.4	16.0	9.3	--	--
18...	1020	83	96	7.4	16.5	9.6	--	--
31...	1130	60	102	7.3	14.0	9.9	--	--
APR								
15...	1515	84	105	7.4	25.5	8.3	--	--
20...	1300	417	--	--	--	--	--	--
20...	1500	538	87	7.1	20.0	8.0	E30000	K24000
20...	1930	538	60	7.0	20.0	7.8	K19000	K18000
21...	0130	350	63	7.1	19.5	8.0	K14000	K23000
21...	0815	242	65	7.1	18.0	9.0	K11000	9600
21...	1350	197	74	7.3	22.0	9.8	5900	6800
21...	1930	158	76	6.8	22.0	8.4	7400	4800
22...	0130	141	78	7.2	20.5	6.6	3400	1600
22...	0750	128	82	7.3	18.0	9.3	2200	1500
22...	1350	117	87	7.2	21.5	10.4	2100	900
29...	1050	67	--	7.2	15.5	10.3	--	--
MAY								
19...	0830	40	110	7.0	23.0	8.7	--	--
JUN								
10...	1150	40	105	7.6	28.0	8.0	--	--
16...	1030	74	86	7.5	26.5	8.0	--	--
24...	1225	44	97	7.6	26.5	8.5	--	--
JUL								
08...	1430	36	85	7.4	31.5	7.3	--	--
23...	0900	52	82	7.4	26.5	7.6	--	--
AUG								
06...	1045	38	99	7.8	26.0	8.1	--	--
18...	1145	38	102	7.9	23.5	10.2	--	--
24...	1400	37	98	7.5	29.0	--	220	190
24...	1945	36	88	7.3	29.0	6.2	420	300
25...	0145	28	96	7.4	27.0	7.0	290	340
25...	0825	31	100	7.4	25.0	7.8	160	240
25...	1425	34	103	7.9	30.0	8.4	K77	160
25...	1945	32	103	7.5	31.0	6.5	220	280
26...	0145	28	98	7.5	26.5	6.9	420	310
26...	0800	32	99	7.4	27.5	7.3	140	300
26...	1350	34	100	7.9	31.0	8.4	K80	170
SEP								
01...	1150	74	72	7.0	24.5	8.5	--	--
17...	1015	34	105	7.5	25.0	8.8	--	--

07287160 ABIACA CREEK AT CRUGER, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT								
16...	0.010	0.060	0.010	0.100	0.050	1.7	--	--
29...	0.010	0.070	0.010	0.010	0.020	1.3	--	--
NOV								
12...	0.010	0.110	0.020	0.040	0.040	0.9	--	--
DEC								
03...	0.050	0.090	0.060	0.590	0.230	8.6	748	2300
11...	0.040	0.140	0.070	0.210	0.220	4.9	--	--
17...	0.030	0.150	0.080	0.170	0.190	4.9	--	--
JAN								
06...	0.010	0.170	0.030	0.050	0.060	2.1	--	--
24...	0.010	0.090	0.010	0.070	0.050	3.0	--	--
FEB								
04...	0.010	0.020	0.010	0.090	0.030	1.6	--	--
18...	0.030	0.130	0.040	0.190	0.190	5.7	--	--
MAR								
02...	0.010	0.140	0.020	0.090	0.070	2.9	--	--
18...	0.050	0.160	0.040	0.250	0.240	3.0	--	--
31...	0.010	0.150	0.020	0.110	0.060	2.2	--	--
APR								
15...	0.010	0.060	0.010	0.070	0.010	2.4	--	--
20...	--	--	--	--	--	--	2590	2920
20...	0.140	0.880	0.210	0.690	0.380	7.2	2190	3180
20...	0.060	0.440	0.090	0.410	0.250	8.0	875	1270
21...	0.020	0.120	0.040	0.560	0.220	8.2	615	581
21...	0.030	0.170	0.020	0.370	0.170	6.7	388	254
21...	0.020	0.060	0.010	0.300	0.140	5.7	311	165
21...	0.020	0.090	0.010	0.310	0.120	5.0	257	110
22...	0.020	0.150	0.020	0.260	0.110	5.3	225	86
22...	0.020	0.150	0.030	0.240	0.110	4.4	212	73
22...	0.020	0.170	0.070	0.230	0.120	4.7	169	53
29...	0.010	0.110	0.030	0.120	0.070	1.9	--	--
MAY								
19...	0.010	0.100	0.040	0.090	0.030	1.2	--	--
JUN								
10...	0.010	0.130	0.040	0.090	0.080	1.5	--	--
16...	0.020	0.040	0.030	0.180	0.080	2.1	--	--
24...	0.010	0.030	0.020	0.070	0.070	1.2	--	--
JUL								
08...	<0.010	0.120	0.030	0.140	0.070	1.8	--	--
23...	<0.010	0.130	0.040	0.090	0.070	2.4	--	--
AUG								
06...	<0.010	0.060	0.020	0.050	0.040	1.8	--	--
18...	<0.010	0.110	0.020	0.130	0.040	1.9	--	--
24...	0.020	0.340	0.040	0.190	0.150	4.2	64	6.4
24...	0.010	0.300	0.030	0.280	0.130	3.3	198	19
25...	0.010	0.230	0.040	0.240	0.110	3.1	93	7.0
25...	0.010	0.160	0.030	0.110	0.090	2.5	44	3.7
25...	0.010	0.160	0.030	0.110	0.090	2.5	29	2.7
25...	0.010	0.170	0.020	0.110	0.080	2.4	30	2.6
26...	<0.010	0.180	0.030	0.140	0.080	2.1	61	4.6
26...	<0.010	0.150	0.030	0.100	0.070	1.7	36	3.1
26...	<0.010	0.120	0.030	0.070	0.070	2.4	21	1.9
SEP								
01...	<0.010	0.170	0.030	0.130	0.090	5.1	--	--
17...	<0.010	0.050	<0.010	0.070	0.050	1.8	--	--

07287160 ABIACA CREEK AT CRUGER, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

		COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)
APR 22...	1350	80	6.2	3.1	5.0	2.4	32	3.4	3.2	0.10	12
AUG 25...	1425	40	6.0	3.5	6.8	1.8	39	2.4	4.2	0.10	17
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS) (01003)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM FM BOT- TOM MA- TERIAL (UG/G AS CD) (01028)
APR 22...	66	56	0.010	0.150	0.010	0.030	1300	1	10	<1	<1
AUG 25...	74	66	<0.010	0.160	0.030	0.060	530	2	<2	<1	<1
DATE		CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01029)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CO) (01038)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CU) (01043)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
APR 22...	5	6	2	<5	8	10	5300	120	11000	4	
AUG 25...	3	2	<1	<5	2	<1	1200	240	1100	1	
DATE		LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB) (01052)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG) (71921)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SELE- NIUM, IN BOT- TOM MA- TERIAL (UG/G) (01148)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)
APR 22...	<10	310	90	670	0.20	0.05	<1	<1	30	30	
AUG 25...	<10	41	11	63	<0.10	<0.01	<1	<1	70	<1	

07287160 ABIACA CREEK AT CRUGER, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL TOT.REC (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL TOT.REC (UG/L) (39333)	CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL TOT.REC (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL TOT.REC (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERIAL TOT.REC (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL TOT.REC (UG/L) (39363)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	1.8
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN, TOTAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	2.5	<0.010	0.8	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN WATER UNFLTRD REC (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39399)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	LINDANE TOTAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	0.3	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39531)	METHIO- CARB WATER WHOLE RECOV. (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	METHYL THION, TOT. IN BOTTOM MATL. (UG/L) (39600)	METHYL THION, TOT. IN BOTTOM MATL. (UG/KG) (39601)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/L) (39791)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/KG) (39795)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYAMYL WATER WHOLE TOT.REC (UG/L) (82613)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	NAPH- THA- LENES, POLY- CHLOR, TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE RECOV. (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07287160 ABIACA CREEK AT CRUGER, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX-APHENE, TOTAL (UG/L) (39400)	TOXA-PHENE, IN BOT-TOM MA-TERIAL (UG/KG) (39403)	TOTAL TRI-THION (UG/L) (39786)	TRI-THION, IN BOT-TOM MA-TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP, TOTAL (UG/L) (82183)	2,4,5-T, TOTAL (UG/L) (39740)	ALA-CHLOR, TOTAL RECOVER (UG/L) (77825)	AME-TRYNE, TOTAL (82184)	ATRA-ZINE, WATER UNFLTRD REC (UG/L) (39630)	BROM-ACIL, WATER WHLREC (UG/L) (30234)	BUTA-CHLOR, WATER WHLREC (UG/L) (30235)
FEB 18...	--	--	--	--	0.05	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 24...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--
DATE	BUTYL-ATE WATER WHLREC (UG/L) (30236)	CARBOX-IN WATER WHOLE RECOVERABLE (UG/L) (30245)	CYAN-AZINE TOTAL (UG/L) (81757)	CYCLO-ATE WATER WHOLE RECOVERABLE (UG/L) (30254)	DEETHYL-ATRA-ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO-PROPYL ATRAZIN, WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED-IBEN) (BAN-VEL D) TOTAL (UG/L) (82052)	DIPHEN-AMID, WATER WHOLE RECOVERABLE (UG/L) (30255)	HEXAZI-NONE, WATER WHOLE RECOVERABLE (UG/L) (30264)	METOLA-CHLOR, WATER WHOLE TOT.REC (UG/L) (82612)	METRI-BUZIN, WATER WHOLE TOT.REC (UG/L) (82611)	
FEB 18...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	0.40	<0.20	<0.10	
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	
DATE	PICLO-RAM (TOR-DON) (AMDON) TOTAL (UG/L) (39720)	PROME-TONE TOTAL (UG/L) (39056)	PROME-TRYNE TOTAL (UG/L) (39057)	PROPA-CHLOR, WATER WHOLE RECOVERABLE (UG/L) (30295)	PRO-PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA-ZINE TOTAL (UG/L) (39055)	SIME-TRYNE TOTAL (UG/L) (39054)	TER-BACIL, WATER WHOLE RECOVERABLE (UG/L) (30311)	TRI-FLURA-LIN, TOTAL RECOVERABLE (UG/L) (39030)	VER-NOLATE, WATER WHOLE RECOVERABLE (UG/L) (30324)	
FEB 18...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10	
JUN 24...	--	--	--	--	--	--	--	--	--	--	--	

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)
DEC 03...	1440	20	27	30	39	60	78	83	98	100
APR 20...	1300	31	35	43	58	82	92	93	96	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
DEC 11...	0902	25.0	1	3	63	100	--
DEC 11...	0904	50.0	1	6	36	98	100
DEC 11...	0906	75.0	1	1	20	97	100
JUL 08...	1432	25.0	9	16	49	93	98
JUL 08...	1434	50.0	1	2	22	91	100
JUL 08...	1436	75.0	2	3	22	94	100

YAZOO RIVER BASIN

07287160 ABIACA CREEK AT CRUGER, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	---	---	---	160	228	118	896	1610	4490
2	---	---	---	83	93	22	1670	2370	13300
3	---	---	---	61	45	7.4	1300	1220	4630
4	---	---	---	50	25	3.4	701	486	951
5	---	---	---	45	22	2.7	413	290	329
6	---	---	---	44	23	2.7	304	190	157
7	---	---	---	42	23	2.7	234	132	85
8	---	---	---	41	24	2.6	173	95	45
9	---	---	---	41	24	2.7	203	333	233
10	41	---	---	40	25	2.7	219	196	120
11	41	---	---	38	25	2.6	149	106	43
12	52	---	---	36	26	2.6	118	68	22
13	50	---	---	36	28	2.7	752	1490	4340
14	46	---	---	37	54	5.4	568	472	829
15	44	---	---	37	144	15	290	154	124
16	42	25	2.9	37	101	10	199	93	50
17	40	27	2.9	38	51	5.3	153	78	32
18	39	31	3.3	39	27	2.8	129	64	22
19	38	27	2.8	39	26	2.7	111	51	15
20	38	21	2.2	285	289	298	103	41	12
21	38	17	1.7	e120	119	38	106	43	12
22	36	21	2.1	e70	133	25	102	49	14
23	36	29	2.8	e55	107	16	118	89	29
24	37	39	3.9	e47	56	7.1	108	60	18
25	41	45	5.0	e39	31	3.2	93	34	8.5
26	40	30	3.1	e37	30	3.0	e89	26	6.2
27	45	19	2.3	e35	33	3.2	e80	22	4.8
28	40	13	1.4	e34	41	3.8	e75	24	4.9
29	39	19	2.0	e36	49	4.8	e70	28	5.3
30	43	69	7.9	e37	50	5.0	e67	32	5.8
31	41	65	7.2	---	---	---	e62	29	4.8
JANUARY			FEBRUARY			MARCH			
1	e59	25	3.9	46	23	2.9	63	41	7.1
2	e58	21	3.2	44	23	2.8	59	59	9.2
3	e55	18	2.6	43	23	2.7	56	105	16
4	e54	19	2.8	41	21	2.4	52	136	19
5	e54	21	3.1	46	21	2.6	124	326	128
6	e53	21	3.0	50	25	3.4	131	146	54
7	e51	16	2.1	47	29	3.6	90	62	15
8	50	13	1.7	53	25	3.6	73	49	9.6
9	48	12	1.5	51	21	2.9	64	112	19
10	45	11	1.4	48	17	2.3	275	387	317
11	46	13	1.7	47	15	1.9	196	166	92
12	52	16	2.3	44	19	2.3	126	93	32
13	55	28	4.4	55	27	4.0	98	59	16
14	84	131	31	83	347	78	84	47	11
15	67	36	6.6	1230	3320	11700	77	40	8.3
16	57	24	3.7	535	1010	1540	68	34	6.2
17	52	24	3.4	289	568	453	61	31	5.2
18	56	25	3.7	187	167	89	110	140	66
19	64	24	4.1	134	71	26	279	290	234
20	63	20	3.5	105	63	18	160	81	36
21	65	27	4.7	88	64	15	113	61	18
22	63	38	6.5	79	62	13	98	59	16
23	64	37	6.4	75	59	12	136	212	79
24	59	24	3.8	68	57	10	104	103	29
25	56	16	2.5	74	73	15	88	66	16
26	53	18	2.5	108	129	38	79	55	12
27	53	19	2.7	86	65	15	72	51	9.9
28	52	21	2.9	72	41	8.1	66	42	7.5
29	51	23	3.2	66	39	6.9	65	35	6.2
30	49	24	3.1	---	---	---	62	42	7.1
31	47	23	2.9	---	---	---	59	58	9.1

07287160 ABIACA CREEK AT CRUGER, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	57	68	10	61	48	7.8	38	35	3.6
2	55	79	12	60	47	7.7	37	36	3.6
3	55	94	14	60	51	8.1	45	37	4.5
4	55	84	12	56	53	8.1	53	43	6.2
5	54	68	10	53	45	6.4	44	51	6.1
6	52	56	7.9	51	36	4.9	41	45	5.0
7	52	63	8.9	51	40	5.5	43	37	4.3
8	52	79	11	51	48	6.6	39	30	3.2
9	49	103	14	51	53	7.3	44	32	3.8
10	47	125	16	51	58	8.1	37	37	3.7
11	46	99	12	48	63	8.3	44	38	4.5
12	48	74	9.6	47	60	7.5	78	962	1300
13	e45	57	6.9	50	55	7.4	462	2340	4720
14	e44	58	6.9	48	60	7.9	143	215	87
15	e44	65	7.7	46	66	8.3	93	168	43
16	e44	80	9.5	45	52	6.2	71	96	18
17	e46	95	12	45	38	4.6	60	74	12
18	e47	108	14	42	30	3.4	54	61	8.9
19	e50	124	17	41	69	7.7	52	55	7.6
20	302	1460	1960	46	87	11	57	50	7.8
21	224	398	273	40	65	7.0	54	42	6.1
22	119	196	63	40	43	4.6	48	35	4.5
23	87	156	37	40	51	5.6	45	28	3.4
24	81	82	18	40	70	7.7	42	24	2.7
25	83	95	21	39	56	5.8	43	23	2.6
26	84	164	36	37	37	3.7	40	22	2.4
27	71	278	53	36	30	2.9	39	22	2.3
28	66	186	33	39	26	2.7	40	21	2.3
29	63	96	16	41	27	3.0	38	21	2.1
30	63	66	11	40	30	3.2	38	20	2.1
31	---	---	---	39	33	3.4	---	---	---
JULY			AUGUST			SEPTEMBER			
1	114	385	168	47	21	2.7	69	53	9.9
2	226	439	266	46	18	2.3	49	46	6.2
3	147	218	94	45	16	1.9	92	316	81
4	75	71	15	39	14	1.4	100	180	50
5	51	45	6.1	39	19	2.0	66	120	22
6	42	35	3.9	e41	23	2.6	53	86	12
7	35	27	2.6	e43	26	3.0	46	61	7.7
8	32	22	1.9	e40	27	2.9	37	48	4.8
9	29	39	3.1	e38	21	2.1	34	39	3.5
10	29	42	3.2	e36	18	1.7	36	37	3.6
11	29	32	2.4	e37	39	3.9	34	37	3.4
12	29	25	2.0	e36	48	4.7	30	40	3.2
13	28	20	1.6	e43	47	5.5	29	43	3.4
14	26	19	1.3	e34	38	3.5	33	47	4.3
15	97	610	497	e31	28	2.4	34	52	4.8
16	279	859	760	e29	22	1.7	32	54	4.6
17	143	225	89	e26	17	1.2	34	27	2.5
18	101	146	40	e26	29	2.0	33	85	7.7
19	83	96	22	26	57	4.0	38	67	6.9
20	72	64	13	26	47	3.3	40	52	5.7
21	63	49	8.3	26	37	2.6	36	45	4.4
22	56	40	6.1	28	38	2.8	43	91	11
23	52	30	4.3	57	118	20	39	77	8.0
24	51	23	3.2	38	86	8.7	32	71	6.1
25	51	22	3.0	31	48	3.9	32	67	5.7
26	48	20	2.7	33	39	3.4	e180	598	290
27	45	19	2.4	195	703	417	254	303	228
28	43	20	2.3	359	370	389	117	108	35
29	44	21	2.5	164	190	86	74	84	17
30	47	22	2.8	109	121	36	54	81	12
31	45	23	2.9	86	78	18	---	---	---

e Estimated

YAZOO RIVER BASIN

07287355 FANNEGUSHA CREEK NEAR HOWARD, MS

LOCATION.--Lat 33°08'13", long 90°11'40", in NW¼NE¼ sec.28, T.15 N., R.1 E., Chickasaw Meridian, Holmes County, Hydrologic Unit 08030206, on downstream side of bridge on paved county road, 0.9 mi north of Howard and 2.2 mi south of State Highway 12.

DRAINAGE AREA.--107 mi², revised.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1987 to current year. August 1953 to February 1966 (annual maximums only). Occasional discharge measurements since 1947 in files of U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 123.79 ft National Geodetic Vertical Datum of 1929, (levels by U.S. Army Corps of Engineers).

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

REVISIONS.--The maximum discharge for the water year 1955 has been revised to 20,000 ft³/s, April 12, 1955, gage height 18.31 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	128	828	38	51	60	51	32	19	26	19	15
2	19	92	4740	36	45	52	50	31	20	24	17	13
3	18	34	2020	37	42	51	47	29	38	22	16	113
4	18	22	533	37	37	52	47	28	209	21	15	142
5	18	19	409	36	38	343	45	27	86	19	32	47
6	18	19	189	34	50	231	44	26	36	19	176	18
7	18	19	112	33	55	107	50	26	90	18	94	13
8	17	19	84	31	46	77	57	26	44	18	34	12
9	16	18	98	31	38	71	57	26	32	18	22	12
10	16	18	121	28	33	520	56	26	28	18	18	14
11	16	18	69	26	29	176	55	26	414	17	18	18
12	16	18	52	30	28	101	45	26	362	17	17	14
13	15	18	1970	68	40	85	45	26	764	17	38	13
14	15	19	1050	222	62	76	40	24	296	17	29	14
15	15	19	326	80	1550	70	41	23	165	19	20	14
16	15	19	149	57	357	65	40	23	80	94	15	15
17	15	20	104	49	149	58	42	23	47	56	13	17
18	15	20	83	56	148	118	43	22	36	29	12	183
19	15	21	69	99	95	371	42	24	34	21	12	46
20	15	289	61	88	74	126	453	24	54	19	13	27
21	15	174	58	82	69	88	273	22	33	25	17	20
22	15	51	58	81	61	83	105	22	27	22	16	18
23	15	29	62	80	60	75	21	25	22	22	27	17
24	19	22	61	70	61	117	60	20	24	18	34	16
25	30	20	55	58	86	66	138	19	24	21	19	17
26	20	19	50	52	216	64	81	19	25	18	15	333
27	24	19	48	51	111	55	53	19	26	16	851	361
28	22	19	47	59	79	55	41	20	23	19	451	89
29	21	19	47	67	67	53	36	22	22	21	102	39
30	22	21	46	62	---	52	34	22	24	21	35	28
31	22	---	41	56	---	55	---	20	---	20	20	---
TOTAL	554	1242	13640	1834	3777	3583	2246	744	3107	732	2217	1698
MEAN	17.9	41.4	440	59.2	130	116	74.9	24.0	104	23.6	71.5	56.6
MAX	30	289	4740	222	1550	520	453	32	764	94	851	361
MIN	15	18	41	26	28	51	34	19	19	16	12	12
CFSM	.17	.39	4.11	.55	1.22	1.08	.70	.22	.97	.22	.67	.53
IN.	.19	.43	4.74	.64	1.31	1.25	.78	.26	1.08	.25	.77	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1992, BY WATER YEAR (WY)

	MEAN	30.6	91.9	303	254	385	296	369	177	156	82.3	48.2	49.8
MAX	67.7	188	756	468	733	462	1635	524	422	304	123	98.5	
(WY)	1989	1990	1991	1990	1991	1990	1991	1991	1989	1989	1989	1989	1989
MIN	11.0	31.4	59.7	59.2	130	116	57.2	20.2	14.1	20.7	9.87	17.0	
(WY)	1988	1991	1990	1992	1992	1992	1987	1988	1988	1988	1988	1987	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1987 - 1992

ANNUAL TOTAL	128641		35374									
ANNUAL MEAN	352		96.7									
HIGHEST ANNUAL MEAN										197		
LOWEST ANNUAL MEAN										378		1991
HIGHEST DAILY MEAN	14700	Apr 29	4740	Dec 2	14700	Apr 29	1991			73.3		1988
LOWEST DAILY MEAN	15	Oct 13	12	Aug 18	6.9	Sep 2	1988					
ANNUAL SEVEN-DAY MINIMUM	15	Oct 13	14	Sep 7	8.1	Aug 14	1988					
INSTANTANEOUS PEAK FLOW			7650	Dec 2	20800	Apr 29	1991					
INSTANTANEOUS PEAK STAGE			18.97	Dec 2	21.27	Apr 29	1991					
INSTANTANEOUS LOW FLOW			12a	Aug 18, 19	6.9b	Aug 28, 29	1988					
ANNUAL RUNOFF (CFSM)	3.29		.90		1.84							
ANNUAL RUNOFF (INCHES)	44.72		12.30		24.99							
10 PERCENT EXCEEDS	784		148		350							
50 PERCENT EXCEEDS	53		34		39							
90 PERCENT EXCEEDS	19		16		15							

a Also occurred on Sept. 8, 9.

b Also occurred on Sept. 1-3, 1988.

07287355 FANNEGUSHA CREEK NEAR HOWARD, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SUSPENDED SEDIMENT CONCENTRATION: March 1987 to May 1989.

SUSPENDED SEDIMENT DISCHARGE: March 1987 to May 1989.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
02...	1000	19	187	6.5	18.0	9.3	--	--
15...	1245	15	184	7.6	18.0	9.5	--	--
29...	0915	21	179	7.5	21.0	7.6	--	--
NOV								
12...	1340	18	187	6.9	11.0	10.7	--	--
DEC								
02...	1345	6070	30	7.8	12.0	9.2	--	--
11...	1330	66	--	6.8	12.0	8.8	--	--
17...	1140	104	110	--	8.5	8.0	--	--
JAN								
06...	1315	34	174	7.4	10.5	10.5	--	--
22...	0700	81	120	7.5	7.0	11.6	640	460
22...	1300	80	120	7.3	8.0	11.8	420	350
22...	1900	80	124	7.4	10.0	11.4	640	360
23...	0100	80	125	7.5	9.5	10.6	520	340
23...	0700	79	126	7.5	10.0	10.0	440	220
23...	1300	81	124	7.4	11.0	11.0	270	170
23...	1900	80	130	7.5	11.0	10.6	280	140
24...	0100	77	123	7.4	9.0	11.5	140	110
24...	0700	74	127	7.4	7.0	11.2	280	100
24...	1130	70	120	7.0	7.5	11.7	--	--
FEB								
04...	1015	37	180	7.3	10.5	10.0	--	--
18...	1230	156	73	6.3	15.5	9.3	--	--
MAR								
02...	1315	52	161	7.2	16.5	9.8	--	--
18...	1210	80	153	7.3	16.5	9.3	--	--
31...	0940	57	159	7.2	13.0	9.7	--	--
APR								
15...	1555	51	178	7.4	27.5	8.6	--	--
28...	1800	40	187	7.1	22.5	8.8	--	--
MAY								
19...	1025	24	183	7.0	25.0	9.2	--	--
JUN								
10...	1120	28	167	7.2	27.0	8.0	--	--
16...	1150	77	116	7.2	27.5	7.3	--	--
24...	1435	24	183	7.8	30.5	9.0	--	--
JUL								
09...	0900	18	184	7.3	26.5	7.7	--	--
23...	1000	23	161	7.4	26.5	7.4	--	--
AUG								
06...	0855	110	82	6.9	25.0	6.5	--	--
17...	1300	13	179	7.5	25.0	10.0	--	--
24...	1300	32	132	7.5	29.0	8.8	K42	110
24...	1900	26	135	7.5	32.0	7.1	100	240
25...	0100	23	140	7.2	27.0	6.5	130	360
25...	0700	21	147	7.3	26.0	7.4	120	320
25...	1300	18	151	7.5	29.0	8.4	K85	140
25...	1900	17	151	7.7	30.0	8.2	120	130
26...	0100	16	155	7.5	27.0	7.0	150	250
26...	0700	15	158	7.4	26.5	6.5	220	320
26...	1300	14	161	7.7	28.0	8.7	K100	140
SEP								
01...	0945	15	143	7.1	23.5	8.1	--	--
17...	1200	17	179	7.4	25.5	8.7	--	--

YAZOO RIVER BASIN

07287355 FANNEGUSHA CREEK NEAR HOWARD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
OCT								
02...	0.010	<0.020	0.010	0.050	0.030	2.1	--	--
15...	<0.010	<0.020	0.010	0.040	0.030	1.4	--	--
29...	<0.010	<0.020	0.010	<0.010	<0.010	4.2	--	--
NOV								
12...	<0.010	0.050	0.020	0.040	0.040	0.4	--	--
DEC								
02...	0.070	0.130	0.110	0.890	0.280	8.1	--	--
11...	0.030	0.100	0.070	0.200	0.200	6.9	--	--
17...	0.020	0.140	0.090	0.140	0.150	5.2	--	--
JAN								
06...	<0.010	<0.020	0.020	0.010	0.030	1.7	--	--
22...	0.020	0.130	0.040	0.120	0.090	5.0	36	7.9
22...	0.020	0.130	0.040	0.110	0.090	4.1	219	47
22...	0.020	0.130	0.030	0.110	0.090	4.4	35	7.6
23...	0.020	0.120	0.030	0.120	0.090	4.9	34	7.3
23...	0.010	0.120	0.040	0.110	0.080	3.7	34	7.3
23...	<0.010	0.130	0.030	0.100	0.070	3.5	30	6.6
23...	0.010	0.110	0.040	0.100	0.080	4.2	32	6.9
24...	0.010	0.100	0.040	0.100	0.070	4.0	20	4.2
24...	0.010	0.100	0.030	0.090	0.070	4.0	30	6.0
24...	0.010	0.100	0.030	0.090	0.070	4.1	--	--
FEB								
04...	<0.010	<0.020	0.020	<0.020	0.030	1.8	--	--
18...	0.030	0.150	0.040	0.210	0.150	6.0	--	--
MAR								
02...	0.010	0.050	0.030	0.060	0.050	2.8	--	--
18...	0.010	0.090	0.020	0.120	0.080	2.5	--	--
31...	0.010	0.040	0.020	0.090	0.030	2.1	--	--
APR								
15...	<0.010	0.020	<0.010	0.040	<0.010	2.1	--	--
28...	0.010	0.090	0.030	0.080	0.060	2.6	--	--
MAY								
19...	0.010	0.020	0.020	0.050	0.010	1.7	--	--
JUN								
10...	0.020	0.160	0.070	0.150	0.090	2.9	--	--
16...	0.030	0.220	0.090	0.170	0.100	3.9	--	--
24...	<0.010	<0.020	0.010	0.050	0.040	0.9	--	--
JUL								
09...	<0.010	<0.020	0.010	0.050	0.030	1.4	--	--
23...	<0.010	0.040	0.030	0.100	0.070	2.2	--	--
AUG								
06...	0.050	0.440	0.070	0.520	0.270	5.7	--	--
17...	<0.010	<0.020	0.010	0.080	0.030	2.0	--	--
24...	0.010	0.030	0.020	0.110	0.070	3.3	41	3.5
24...	0.010	0.040	0.030	0.150	0.070	3.2	51	3.6
25...	0.010	0.050	0.030	0.110	0.070	3.1	50	3.1
25...	0.010	0.050	0.060	0.120	0.060	3.2	36	2.0
25...	<0.010	0.030	0.020	0.090	0.060	3.3	23	1.1
25...	<0.010	0.020	0.020	0.090	0.050	3.0	49	2.2
26...	<0.010	0.020	0.030	0.100	0.060	2.7	57	2.5
26...	<0.010	0.020	0.030	0.070	0.050	3.3	36	1.5
26...	<0.010	<0.020	0.020	0.080	0.040	3.5	15	0.57
SEP								
01...	<0.010	0.080	0.060	0.100	0.100	5.2	--	--
17...	<0.010	<0.020	0.010	0.060	0.040	2.6	--	--

07287355 FANNEGUSHA CREEK NEAR HOWARD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)
JAN 23...	1300	120	10	4.5	7.5	1.8	43	11	5.0	<0.10	16
AUG 25...	1300	10	12	6.0	6.5	2.5	59	5.5	5.0	0.10	14
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C TUNTS, DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2-NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/L AS AS) (01003)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CD) (01028)
JAN 23...	78	83	<0.010	0.130	0.050	0.020	1300	2	7	<1	<1
AUG 25...	93	88	<0.010	0.030	0.020	0.020	450	2	<2	<1	<1
DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, TOTAL RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CO) (01029)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CO) (01038)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS CU) (01043)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, FM BOT- TOM MA- TERIAL (UG/L AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
JAN 23...	3	4	2	<5	4	5	3300	500	5600	3	
AUG 25...	3	1	<1	<5	1	1	1500	230	1700	1	
DATE	TIME	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS PB) (01052)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01056)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS HG) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L AS HG) (71921)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L AS SE) (01147)	SELE- NIUM, IN BOT- TOM MA- TERIAL (UG/L AS SE) (01148)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/L AS ZN) (01093)
JAN 23...	<10	690	690	410	<0.10	0.02	<1	<1	<10	20	
AUG 25...	<10	330	150	130	<0.10	<0.01	<1	<1	<5	<1	

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39351)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39352)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39368)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39373)	DEF TOTAL (UG/L) (39040)
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.010	<0.1	<0.1	<1.0	<0.01	<0.010	0.1	<0.010	0.1	<0.010	0.1	<0.01
DATE	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39571)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39383)	DI- SYSTON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39011)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39393)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39399)	FONOFOS (DY- FONATE) WATER WHOLE TOT. REC (UG/L) (82614)
MAR 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 24...	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.01	<0.1	<0.01

YAZOO RIVER BASIN

07287355 FANNEGUSHA CREEK NEAR HOWARD, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

[illegible]

07287400 BLACK CREEK AT LEXINGTON, MS

LOCATION.--Lat 33°06'19", long 90°03'12", NEMSEW 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.--Estimated daily discharges: Jan. 19-21, July 14-18, 23. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	79	586	42	56	46	49	36	28	30	19	44
2	26	39	2470	42	54	42	47	35	28	30	18	44
3	26	31	463	45	53	41	45	34	49	30	18	106
4	25	28	219	43	51	41	45	34	57	27	18	95
5	28	27	118	41	69	262	42	34	34	26	19	48
6	28	27	89	40	77	139	42	32	31	25	21	41
7	26	27	72	42	61	86	51	32	32	26	19	40
8	25	28	62	42	55	64	49	32	37	26	19	37
9	25	26	66	42	53	59	46	32	33	25	20	36
10	25	26	70	40	51	446	45	32	32	24	24	36
11	25	26	57	39	50	121	43	34	103	24	37	44
12	25	26	51	55	52	85	43	35	218	24	24	38
13	25	26	951	72	66	74	40	32	399	40	27	34
14	25	27	564	82	72	65	39	32	69	e73	24	34
15	25	27	149	56	794	59	37	31	47	e41	21	33
16	25	27	90	50	191	56	36	32	39	e38	21	32
17	24	28	70	48	121	59	36	31	34	e28	21	137
18	24	28	60	52	104	129	36	33	31	e25	21	187
19	25	28	55	e150	73	151	37	31	31	25	23	61
20	28	346	53	e84	62	73	278	30	33	24	22	55
21	26	87	51	e74	58	58	157	29	28	25	23	43
22	26	50	49	87	51	65	67	28	27	26	23	44
23	27	39	52	106	50	98	51	29	27	e22	37	42
24	27	35	52	70	49	62	54	28	28	19	28	38
25	28	33	47	62	149	56	87	28	28	18	25	38
26	26	34	47	59	159	53	46	29	29	18	30	345
27	28	34	45	64	76	49	41	29	29	18	694	154
28	27	33	46	79	57	47	40	36	27	22	135	64
29	26	34	45	72	49	46	37	37	27	20	61	43
30	29	143	43	62	---	66	37	32	29	21	50	35
31	33	---	43	59	---	56	---	30	---	21	46	---
TOTAL	814	1449	6835	1901	2863	2754	1703	989	1644	841	1588	2028
MEAN	26.3	48.3	220	61.3	98.7	88.8	56.8	31.9	54.8	27.1	51.2	67.6
MAX	33	346	2470	150	794	446	278	37	399	73	694	345
MIN	24	26	43	39	49	41	36	28	27	18	18	32
CFSM	.30	.55	2.50	.70	1.12	1.01	.64	.36	.62	.31	.58	.77
IN.	.34	.61	2.89	.80	1.21	1.16	.72	.42	.69	.36	.67	.86

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1992, BY WATER YEAR (WY)

	MEAN	56.0	112	142	194	284	235	234	155	106	72.6	42.8	54.2
MAX	162	223	232	379	497	374	864	302	285	253	84.8	96.2	
(WY)	1989	1990	1991	1989	1991	1991	1991	1989	1989	1989	1989	1989	1989
MIN	18.6	32.2	78.3	56.2	98.7	88.8	45.1	29.7	21.1	26.0	18.8	27.1	
(WY)	1988	1991	1990	1988	1992	1992	1987	1988	1988	1987	1987	1987	1987

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1987 - 1992

	ANNUAL TOTAL	79516	25409	145	1991
ANNUAL MEAN	218	69.4	217	1992	
HIGHEST ANNUAL MEAN			69.4	1991	
LOWEST ANNUAL MEAN				1992	
HIGHEST DAILY MEAN	7000	Apr 29	2470	Dec 2	7000
LOWEST DAILY MEAN	24	Oct 17	18a	Jul 25-27	14
ANNUAL SEVEN-DAY MINIMUM	25	Oct 12	19	Aug 1	15
INSTANTANEOUS PEAK FLOW			4830	Dec 2	8290
INSTANTANEOUS PEAK STAGE			18.52	Dec 2	23.92
ANNUAL RUNOFF (CFSM)	2.47		.79		1.64
ANNUAL RUNOFF (INCHES)	33.58		10.73		22.33
10 PERCENT EXCEEDS	380		99		261
50 PERCENT EXCEEDS	53		39		44
90 PERCENT EXCEEDS	27		25		23

a Also occurred on Aug. 2-4.

YAZOO RIVER BASIN

07287400 BLACK CREEK AT LEXINGTON, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

		DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	
DATE	TIME								
JAN									
22...	0740	65	87	7.1	7.0	12.3	1100	410	
22...	1250	74	70	7.3	9.0	10.8	2100	720	
22...	1830	113	82	7.1	9.0	10.3	2600	1600	
23...	0030	128	74	7.2	9.5	11.0	K1300	1200	
23...	0720	136	71	7.1	9.5	11.2	840	1200	
23...	1240	119	73	7.2	11.0	10.3	1000	820	
23...	1830	97	80	7.2	10.0	10.0	3600	840	
24...	0030	77	80	7.2	9.5	11.3	2100	1000	
24...	0650	47	82	7.1	7.0	11.7	2300	740	
AUG									
24...	1300	33	88	7.2	26.0	--	460	330	
24...	1900	30	85	7.0	27.0	7.0	K370	410	
25...	0100	29	90	7.3	26.0	6.8	K330	960	
25...	0730	28	94	7.1	23.0	7.6	320	560	
25...	1320	28	100	7.2	27.0	7.6	260	350	
25...	1900	27	95	7.2	29.0	6.4	640	500	
26...	0100	26	98	7.3	26.5	6.5	230	460	
26...	0715	26	99	7.1	26.0	7.3	K340	620	
26...	1300	29	99	7.2	29.5	7.6	K22000	3500	
DATE		NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
JAN									
22...	0.010	0.120	0.040	0.100	0.080	4.4	246	43	
22...	0.020	0.110	0.040	0.110	0.090	4.5	89	18	
22...	0.020	0.120	0.050	0.140	0.120	4.7	144	44	
23...	0.020	0.110	0.040	0.130	0.110	5.1	230	79	
23...	0.020	0.100	0.040	0.140	0.110	6.3	289	106	
23...	0.020	0.100	0.030	0.140	0.100	4.5	252	81	
23...	0.020	0.100	0.030	0.120	0.100	5.6	66	17	
24...	0.020	0.110	0.050	0.120	0.100	5.2	55	11	
24...	0.020	0.100	0.040	0.110	0.090	5.3	68	8.6	
AUG									
24...	0.010	0.100	0.020	0.080	0.050	3.6	29	2.6	
24...	<0.010	0.080	0.020	0.070	0.050	3.3	20	1.6	
25...	<0.010	0.080	0.020	0.170	0.040	3.0	22	1.7	
25...	<0.010	0.090	0.020	0.050	0.040	2.8	21	1.6	
25...	<0.010	0.090	0.020	0.070	0.040	3.0	16	1.2	
25...	<0.010	0.080	0.010	0.050	0.040	2.7	15	1.1	
26...	<0.010	0.080	0.020	0.050	0.040	2.7	13	0.91	
26...	<0.010	0.090	0.030	0.080	0.040	2.2	19	1.3	
26...	<0.010	0.070	0.030	0.070	0.040	2.3	16	1.3	

07287404 HARLAND CREEK NEAR HOWARD, MS

LOCATION.--Lat 33°06'05", long 90°10'23", in NW4SW4 sec.35, T.15 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on right bank at downstream side of bridge on gravel road, 1.3 mi downstream from Williams Creek, 0.8 mi upstream from mouth, and 1.8 mi southeast of Howard.

DRAINAGE AREA.--62.1 mi²

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

DISCHARGE: November 1986 to current year.
SPECIFIC CONDUCTANCE: December 1986 to February 1987.
pH: December 1986 to March 1987.
WATER TEMPERATURE: December 1986 to March 1987.
DISSOLVED OXYGEN: December 1986 to February 1987.
SUSPENDED SEDIMENT CONCENTRATION: December 1986 to current year.
SUSPENDED SEDIMENT DISCHARGE: December 1986 to current year.

INSTRUMENTATION.--Water-stage recorder and crest-stage gage. Datum of gage is 132.85 ft above National Geodetic Vertical Datum of 1929. Automatic pumping sediment sampler since December 1986.

REMARKS.--Unpublished records of daily specific conductance, pH, water temperature, and dissolved oxygen during selected storm events are available in files of District office. Estimated daily discharges: May 1-June 10, June 23-Aug. 17. Discharge records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISCHARGE: Maximum, 7,440 ft³/s, Mar. 18, 1987, gage height, 21.36 ft; minimum, 5.6 ft³/s, Aug. 17-18, 1988.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 11,100 mg/L, Feb. 2, 1988; minimum daily mean, 1 mg/L, on several days in 1987-88, 1990.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 62,800 tons, Nov. 16, 1987; minimum daily, 0.02 ton, on several days in 1988.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum, 4,860 ft³/s, Dec. 2, gage height, 20.13 ft; minimum, 9.1 ft³/s, Oct. 17-18.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,970 mg/L, Dec. 2; minimum daily mean, 11 mg/L, Nov. 12.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 26,100 tons, Dec. 2; minimum daily, 0.33 ton, Nov. 12.

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
02...	1130	11	281	7.3	19.5	9.8	--	--
15...	1140	10	274	7.3	18.0	9.5	--	--
29...	0830	12	290	7.4	21.0	7.4	--	--
NOV								
12...	1410	11	276	6.9	12.5	11.2	--	--
DEC								
02...	1600	4130	37	--	12.0	8.9	--	--
11...	1400	47	192	6.9	13.5	9.5	--	--
17...	1100	45	180	7.8	9.0	9.6	--	--
JAN								
06...	1435	17	268	7.5	12.5	10.5	--	--
22...	0600	41	182	7.7	6.0	11.9	1200	760
22...	1200	41	181	7.4	8.5	11.8	K1600	1000
22...	1800	43	185	7.5	9.5	12.0	1000	1200
22...	2400	49	181	7.4	9.5	10.6	1200	920
23...	0600	65	180	7.5	9.5	10.5	940	940
23...	1200	61	185	7.4	10.0	10.8	900	960
23...	1800	51	188	7.4	10.5	11.2	820	660
23...	2400	43	188	7.3	9.0	11.0	920	640
24...	0600	36	188	7.4	7.0	11.3	660	1100
24...	1200	33	179	7.0	8.5	11.5	--	--
FEB								
04...	1055	21	276	7.1	11.0	9.3	--	--
18...	1000	83	154	6.8	14.5	9.4	--	--
MAR								
02...	1405	19	231	7.1	19.0	7.8	--	--
18...	1310	75	233	7.3	16.5	9.7	--	--
30...	1500	155	172	7.1	16.0	8.7	--	--
APR								
15...	1635	18	288	7.4	23.5	8.3	--	--
28...	1705	18	283	6.9	22.0	8.8	--	--
MAY								
19...	1200	18	284	7.2	27.0	8.8	--	--
JUN								
10...	1015	16	244	7.4	25.0	8.1	--	--
16...	1215	19	225	7.4	29.0	7.7	--	--
25...	1125	36	199	7.4	26.5	7.6	--	--
JUL								
09...	0945	27	252	7.2	26.5	7.1	--	--
23...	1030	33	215	7.2	26.0	6.3	--	--
AUG								
06...	0950	14	244	7.4	26.0	6.9	--	--
17...	1050	15	250	6.9	23.0	9.1	--	--
24...	1200	19	178	7.3	27.0	7.5	480	340
24...	1800	17	191	7.3	30.0	7.4	220	180
24...	2400	16	201	7.3	27.0	7.0	260	200
25...	0600	16	216	7.3	25.5	7.6	180	270
25...	1200	15	218	7.4	28.0	8.3	170	160
25...	1800	17	219	7.6	30.0	8.7	150	130
25...	2400	17	230	7.4	27.0	7.5	200	220
26...	0600	16	235	7.5	26.0	6.8	160	230
26...	1200	15	237	7.5	27.5	7.9	160	260
SEP								
01...	1015	19	226	6.9	23.5	8.2	--	--
17...	1225	10	264	7.2	25.0	8.4	--	--

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT								
02...	0.010	<0.020	0.020	0.050	0.020	1.3	--	--
15...	<0.010	<0.020	0.020	0.050	0.030	1.2	--	--
29...	<0.010	<0.020	0.010	<0.010	<0.010	1.4	--	--
NOV								
12...	<0.010	<0.020	0.030	0.040	0.020	1.0	--	--
DEC								
02...	0.050	0.070	0.080	0.590	0.280	8.4	3440	38400
11...	0.020	0.080	0.050	0.290	0.130	3.9	--	--
17...	0.010	0.070	0.070	0.120	0.110	5.0	--	--
JAN								
06...	<0.010	<0.020	0.030	0.010	0.020	1.7	--	--
22...	0.020	0.090	0.030	0.150	0.130	5.2	164	18
22...	0.020	0.090	0.030	0.150	0.120	6.4	89	9.9
22...	0.020	0.070	0.020	0.140	0.120	5.7	110	13
22...	0.020	0.070	0.030	0.140	0.110	4.5	94	12
23...	0.020	0.080	0.030	0.150	0.120	5.2	141	25
23...	0.020	0.070	0.020	0.150	0.120	5.2	103	17
23...	0.020	0.060	0.030	0.160	0.120	5.7	90	12
23...	0.020	0.060	0.030	0.140	0.120	5.6	91	11
24...	0.020	0.060	0.030	0.140	0.120	4.6	105	10
24...	0.020	0.060	0.030	0.130	0.120	4.6	--	--
FEB								
04...	<0.010	<0.020	0.010	<0.020	0.040	2.0	--	--
18...	0.020	0.070	0.040	0.170	0.110	5.9	--	--
MAR								
02...	<0.010	<0.020	0.020	0.070	0.060	2.8	--	--
18...	0.020	0.020	0.020	0.240	0.140	2.6	--	--
30...	0.040	0.080	0.030	0.340	0.190	5.0	--	--
APR								
15...	<0.010	<0.020	0.020	0.060	<0.010	1.9	--	--
28...	<0.010	<0.020	0.020	0.060	0.040	2.0	--	--
MAY								
19...	<0.010	<0.020	0.010	0.080	0.010	1.2	--	--
JUN								
10...	0.020	0.170	0.070	0.130	0.080	3.7	--	--
16...	0.020	0.040	0.030	0.110	0.090	3.1	--	--
25...	0.010	<0.020	0.010	0.130	0.070	4.3	--	--
JUL								
09...	<0.010	<0.020	0.010	0.070	0.030	1.6	--	--
23...	0.030	0.120	0.040	0.340	0.170	4.3	--	--
AUG								
06...	<0.010	<0.020	0.020	0.070	0.050	1.8	--	--
17...	<0.010	<0.020	0.010	0.050	0.040	1.8	--	--
24...	0.020	0.260	0.090	0.360	0.230	7.9	94	4.8
24...	0.020	0.170	0.080	0.280	0.180	6.7	68	3.1
24...	0.010	0.130	0.060	0.220	0.150	5.0	59	2.5
25...	0.010	0.090	0.050	0.220	0.110	4.0	54	2.3
25...	0.010	0.070	0.050	0.150	0.100	4.0	41	1.7
25...	0.010	0.060	0.030	0.100	0.100	5.4	41	1.9
25...	0.010	0.050	0.030	0.180	0.100	3.5	69	3.2
26...	0.010	0.040	0.040	0.200	0.090	4.1	59	2.5
26...	0.010	0.030	0.020	0.110	0.080	3.5	47	1.9
SEP								
01...	<0.010	<0.020	0.010	0.080	0.030	5.1	--	--
17...	<0.010	<0.020	0.010	0.070	0.040	2.5	--	--

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

		COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	
JAN 23...	1200	110	16	7.6	9.4	2.2	68	14	6.9	<0.10	15	
AUG 25...	1200	20	19	9.0	7.6	3.0	92	6.0	6.0	0.20	18	
DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS) (01002)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G AS AS) (01003)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G AS CD) (01028)
JAN 23...	112	114	<0.010	0.110	<0.010	0.110	1400	2	2	<1	<1	
AUG 25...	133	125	<0.010	0.070	0.040	0.030	530	2	<2	<1	<1	
DATE	TIME	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01029)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CO) (01038)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CU) (01043)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	IRON, FM BOT- TOM MA- TERIAL (UG/G) AS FE) (01170)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	
JAN 23...	2	1	2	<5	4	<1	3700	390	980	2		
AUG 25...	2	<1	<1	<5	2	<1	1800	88	580	1		
DATE	TIME	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS PB) (01052)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG) (71921)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/L AS SE) (01147)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS ZN) (01093)	
JAN 23...	<10	600	550	37	<0.10	<0.01	<1	<1	10	<1		
AUG 25...	<10	320	270	22	<0.10	<0.01	<1	<1	80	<1		

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	ALDI-CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI-CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82615)	3-HYDRX CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 25...	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5	<0.5	<0.1	<1.0	<0.01	<0.010	<0.1
DATE	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39373)	DEF TOTAL (UG/L) (39040)	DI- AZINON, TOTAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39571)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 25...	<0.010	<0.1	<0.010	<0.1	<0.01	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1
DATE	ENDRIN WATER UNLTD REC (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39393)	ETHION, TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39399)	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	MALA- THION, TOTAL (UG/L) (39530)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 25...	<0.010	<0.1	<0.01	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01
DATE	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39531)	METHIO- CARB WATER WHOLE REC (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/L) (39481)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL PARA- THION, TOT. IN BOTTOM MATL. (UG/L) (39601)	METHYL TRI- THION, TOT. IN BOTTOM MATL. (UG/L) (39791)	MIREX, TOTAL (UG/L) (39755)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYMYL WATER WHOLE TOT.REC (UG/L) (82613)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 25...	<0.1	<0.5	<0.5	<0.01	<0.1	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39541)	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39519)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE REC (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)
FEB 18...	--	--	--	--	--	--	--	--	--	--	--	--
JUN 25...	<0.01	<0.1	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TOX-APHE- NE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOTAL TRI- THION (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (82184)	ATRA- ZINE WATER UNFLTRD REC (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
FEB 18...	--	--	--	--	<0.01	<0.01	<0.01	<0.10	<0.10	<0.1	<0.20	<0.10
JUN 25...	<1	<10	<0.01	<0.1	--	--	--	--	--	--	--	--
DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER WHOLE RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER WHOLE RECOV- ERABLE (UG/L) (30254)	DEETHYL ATE WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER WHOLE RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER WHOLE RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT.REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT.REC (UG/L) (82611)	
FEB 18...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10	
JUN 25...	--	--	--	--	--	--	--	--	--	--	--	
DATE	PICLO- RAM (TOR- DON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER WHOLE RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER WHOLE RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOV. (UG/L) (30324)	
FEB 18...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10	
JUN 25...	--	--	--	--	--	--	--	--	--	--	--	

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM (70346)
DEC 02...	1600	13	14	20	36	62	74	76	79	84	100

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (000002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)
DEC 11...	1402	25.0	1	1	5	37	72	80	88
DEC 11...	1404	50.0	1	3	33	92	100	--	--
DEC 11...	1406	75.0	1	2	17	77	94	96	98
JUL 09...	0947	25.0	1	1	6	45	60	64	69
JUL 09...	0949	50.0	1	2	12	36	48	53	63
JUL 09...	0951	75.0	1	2	9	71	98	--	--

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
OCTOBER			NOVEMBER			DECEMBER			
1	11	29	.87	68	270	52	970	2160	8420
2	11	24	.71	27	65	4.9	2780	2970	26100
3	11	24	.71	16	42	1.9	851	1060	3380
4	11	25	.77	13	30	1.0	210	215	130
5	13	26	.93	12	23	.78	123	119	40
6	13	28	.97	12	19	.62	93	83	21
7	12	28	.94	13	18	.62	71	80	15
8	11	25	.77	12	18	.60	56	81	12
9	11	23	.70	13	17	.60	53	81	12
10	11	27	.84	14	15	.56	76	160	36
11	10	32	.90	12	14	.43	48	72	9.4
12	12	31	1.0	11	11	.33	40	66	7.2
13	12	28	.93	11	13	.38	1190	2480	11300
14	12	27	.83	11	17	.50	566	779	1460
15	10	29	.77	12	19	.61	120	220	74
16	10	24	.66	13	18	.62	61	111	19
17	9.3	20	.50	13	16	.54	45	57	6.9
18	9.4	18	.44	11	15	.45	37	47	4.6
19	12	19	.60	11	37	1.6	32	41	3.5
20	11	21	.62	432	1940	2350	29	37	2.9
21	9.8	22	.59	61	165	30	28	37	2.8
22	10	20	.56	22	74	4.5	27	37	2.7
23	12	18	.56	18	50	2.4	27	35	2.6
24	31	96	26	16	36	1.5	25	30	2.1
25	25	52	4.2	13	26	.92	24	26	1.7
26	14	77	3.0	13	24	.83	23	25	1.6
27	19	55	2.8	12	25	.84	23	25	1.6
28	14	33	1.3	14	26	.96	23	26	1.6
29	12	24	.82	14	27	.98	23	27	1.7
30	15	31	1.3	55	537	553	22	27	1.7
31	15	48	2.0	---	---	---	22	25	1.5
JANUARY			FEBRUARY			MARCH			
1	21	23	1.3	26	41	2.9	23	56	3.5
2	21	21	1.2	24	40	2.6	20	57	3.0
3	20	20	1.1	22	38	2.2	18	59	2.9
4	20	20	1.1	22	31	1.8	18	55	2.7
5	19	21	1.1	59	231	130	584	2030	4750
6	17	23	1.1	151	511	265	182	372	208
7	17	22	1.0	44	116	14	73	181	37
8	17	20	.91	33	90	8.0	47	101	13
9	17	21	.96	28	78	5.8	40	73	9.7
10	16	22	.98	24	67	4.2	713	2410	6540
11	17	24	1.1	23	52	3.3	134	220	88
12	22	51	3.2	24	42	2.7	65	94	17
13	44	331	55	44	860	134	47	56	7.1
14	60	235	45	63	2080	356	37	53	5.3
15	26	100	7.2	1240	2460	9690	35	52	4.9
16	22	65	3.8	240	379	277	32	54	4.6
17	19	46	2.4	116	213	67	31	69	5.9
18	42	123	23	81	135	31	171	750	779
19	105	247	79	41	82	9.2	244	539	495
20	52	99	14	31	67	5.6	72	118	24
21	51	232	33	25	60	4.1	46	71	8.8
22	42	119	14	26	54	3.7	45	55	6.6
23	56	106	16	25	48	3.2	68	101	20
24	34	65	6.1	22	43	2.6	49	104	14
25	28	42	3.1	235	581	428	37	73	7.4
26	25	40	2.7	222	375	261	33	51	4.5
27	25	40	2.7	63	141	25	30	39	3.1
28	36	46	4.6	36	74	7.2	28	34	2.6
29	35	50	4.7	28	62	4.7	29	31	2.4
30	29	46	3.5	---	---	---	120	598	242
31	27	42	3.1	---	---	---	56	235	37

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
APRIL			MAY			JUNE			
1	37	138	14	e16	92	4.0	e11	68	2.0
2	31	92	7.8	e16	95	4.1	e11	72	2.2
3	28	89	6.8	e15	94	3.8	e50	77	10
4	29	88	6.9	e15	93	3.8	e120	72	23
5	28	87	6.5	e15	89	3.6	e40	64	6.9
6	25	89	6.1	e15	83	3.4	e22	59	3.5
7	28	105	8.0	e15	66	2.7	e50	55	7.4
8	27	117	8.6	e15	48	1.9	e22	51	3.1
9	24	100	6.5	e15	36	1.4	e19	49	2.5
10	23	85	5.4	e15	41	1.7	e160	43	18
11	25	95	6.3	e15	55	2.2	100	921	248
12	24	113	7.3	e15	59	2.4	31	344	34
13	22	130	7.5	e15	62	2.5	316	1390	1760
14	20	127	6.7	e14	55	2.1	35	313	34
15	19	104	5.4	e13	48	1.7	21	88	5.2
16	18	92	4.6	e13	51	1.8	19	44	2.2
17	19	101	5.1	e13	56	2.0	16	39	1.7
18	21	98	5.6	e13	58	2.0	13	39	1.3
19	21	93	5.4	e14	39	1.5	151	367	910
20	411	1990	3410	e14	44	1.7	1530	2290	13700
21	166	423	233	e13	60	2.1	162	461	219
22	61	98	17	e13	79	2.8	84	154	36
23	35	76	7.1	e12	69	2.2	e43	82	9.6
24	30	65	5.2	e11	54	1.6	e36	75	7.3
25	112	541	230	e11	46	1.4	e25	142	9.6
26	28	183	14	e11	53	1.6	e29	71	5.5
27	22	72	4.3	e11	62	1.8	e27	59	4.3
28	19	58	2.9	e12	70	2.3	e24	52	3.4
29	18	83	4.0	e13	69	2.4	e23	46	2.9
30	18	89	4.3	e13	68	2.4	e25	39	2.6
31	---	---	---	e12	68	2.2	---	---	---
JULY			AUGUST			SEPTEMBER			
1	e26	33	2.3	e19	91	4.7	20	26	1.4
2	e24	33	2.1	e17	78	3.6	20	54	3.6
3	e22	35	2.1	e16	28	1.2	49	286	60
4	e21	36	2.0	e15	24	.99	27	144	11
5	e19	35	1.8	e160	25	11	19	100	5.0
6	e19	35	1.8	e90	26	6.2	16	82	3.5
7	e18	34	1.7	e45	28	3.4	15	68	2.7
8	e18	37	1.8	e22	30	1.8	13	69	2.5
9	e18	38	1.8	e16	28	1.2	12	75	2.4
10	e18	27	1.3	e13	26	.92	18	279	17
11	e17	19	.87	e11	28	.82	42	270	57
12	e18	17	.80	e30	31	2.6	14	105	3.9
13	e17	15	.71	e26	27	1.9	13	120	4.1
14	e18	16	.80	e21	26	1.5	12	126	4.0
15	e20	18	.99	e17	52	2.4	10	94	2.7
16	e130	20	7.2	e16	75	3.2	10	61	1.7
17	e70	21	3.9	e15	106	4.3	88	379	512
18	e40	20	2.2	14	144	5.3	142	456	293
19	e20	20	1.1	13	178	6.4	49	379	179
20	e21	19	1.1	13	137	4.9	87	603	202
21	e25	19	1.3	13	101	3.7	21	165	9.7
22	e22	67	4.0	14	79	3.1	17	116	5.3
23	e20	189	10	79	389	134	14	97	3.6
24	e20	53	2.9	21	145	9.1	13	77	2.6
25	e21	752	43	16	50	2.1	13	62	2.1
26	e19	94	4.8	15	52	2.2	89	188	67
27	e17	62	2.8	1540	2560	15600	49	163	24
28	e20	864	47	152	252	130	22	129	7.5
29	e21	167	9.5	49	84	11	16	104	4.6
30	e21	488	28	31	65	5.5	15	83	3.4
31	e20	130	7.0	24	48	3.1	---	---	---

e Estimated

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

LOCATION.--Lat 32°29'14", long 90°49'02", on line between secs. 1 and 4, T.17 N., R.4 E., Washington Meridian, Warren County, Hydrologic Unit 08030208, at downstream side of Illinois Central Gulf Railroad bridge, 0.6 mi downstream from U.S. Highway 61, 1.0 mi northwest of Redwood, and at mile 16.7.

DRAINAGE AREA.--12,603 mi².

PERIOD OF RECORD.--Water years 1961-62, 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to September 1981.

WATER TEMPERATURE: October 1978 to September 1981.

REMARKS.--Prior to October 2, 1980, daily values of specific conductance listed as 30 microsiemens represent 30 microsiemens or less due to instrument limitations.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	
		SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CAC03 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
NOV 04...	1300	11800	--	7.2	17.0	65	7.8	--	3900	1000	7.7	2.5	
DEC 19...	1330	29900	58	6.4	11.0	94	9.4	84	1000	1400	4.5	1.6	
MAR 03...	1315	13900	92	7.4	14.0	68	10.1	99	170	300	7.9	2.8	
MAY 18...	1145	3280	218	8.0	26.0	25	8.6	106	110	K3	23	7.9	
AUG 05...	1120	--	157	7.5	31.0	32	5.1	69	K33	84	14	4.9	
DATE		NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS- PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
NOV 04...	4.8	2.4	36	29	6.2	3.7	<0.10	6.4	51	53	0.010	<0.010	
DEC 19...	2.6	3.2	21	17	4.7	2.5	0.10	5.7	50	36	--	<0.010	
MAR 03...	5.4	2.0	32	26	7.9	4.9	<0.10	7.5	66	56	0.070	<0.010	
MAY 18...	11	3.0	127	104	8.2	8.6	<0.10	12	139	138	0.040	0.020	
AUG 05...	9.0	3.0	62	51	6.9	5.6	<0.10	8.5	93	86	0.030	<0.010	
DATE		IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV 04...	--	--	--	--	--	--	--	--	--	--	14	446	83
DEC 19...	130	5	23	<10	3	<1	<1.0	31	<6	10	807	86	86
MAR 03...	180	<4	8	<10	1	<1	<1.0	50	<6	5	188	50	50
MAY 18...	52	<4	140	<10	3	<1	<1.0	130	<6	1	8.9	74	74
AUG 05...	40	<4	13	<10	1	<1	<1.0	81	<6	33	--	100	100

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS
(National stream-quality accounting network station)

LOCATION.--Lat 32°18'45", long 90°54'25", in sec.32, T.16 N., R.3 E., Washington Meridian, Warren County, Hydrologic Unit 08060100, on left bank at downstream side of Interstate 20 bridge, and at mile 435.3.

DRAINAGE AREA.--1,140,500 mi², approximately. The 4,000 mi², approximately, in the Great Divide basin in Southern Wyoming is not included.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Discharge: January 1928 to September 1988. Prior to July 1931, monthly discharge only. Published in WSP 1311.

Gage heights: April 1930 to September 1988 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 January 1977 to September 1986 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 telemeter at station.

COOPERATION.--Records furnished by U. S. Army Corps of Engineers.

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 1989 through 1992 Water Years will be published in a subsequent report.

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1962, 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1975 to current year.

WATER TEMPERATURE: October 1973 to current year.

INSTRUMENTATION.--Specific conductance-temperature recorder since October 1973.

REMARKS.--Interruptions in the record were due to malfunctions of the instrument.

COOPERATION.--Discharge measurements were furnished by Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (water years 1980-81, 1984-87, 1989-92): Maximum, 595 microsiemens, Aug. 10, 1986;

minimum, 202 microsiemens, Mar. 1, 2, 1989. 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, 1989-92): Maximum, 32.5°C, Aug. 4, 1982, Aug. 7-9, 1987;

minimum, 0.0°C, on several days in water year 1977.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 563 microsiemens, Nov. 2-3; minimum, 270 microsiemens, Dec. 18-20.

WATER TEMPERATURE: Maximum, 29.5°C, on several days during summer; minimum, 5.0°C, on several days during winter.

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	TUR-BID-ITY	OXYGEN, DIS-SOLVED	OXYGEN, DIS-SOLVED	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOC CI, KF AGAR (COLS. PER 100 ML)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	
		(00061)	(00095)	(00400)	(00010)	(00076)	(00300)	(00301)	(31625)	(31673)	(00915)	(00925)	
NOV 15...	1330	374000	--	8.1	10.0	28	10.5	--	4100	1600	39	14	
JAN 10...	1300	744000	355	8.1	7.0	2.5	11.4	94	230	120	38	11	
APR 03...	1300	872000	323	7.9	10.5	90	10.4	93	160	K64	37	10	
JUL 24...	1225	570000	392	8.0	28.5	45	6.5	84	K46	100	38	13	
DATE		SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3	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 SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)
		(00930)	(00935)	(00453)	(39086)	(00945)	(00940)	(00950)	(00955)	(70300)	(70301)	(00615)	(00613)
NOV 15...	29	3.7	151	124	64	28	0.20	6.3	253	263	0.020	0.020	
JAN 10...	17	2.5	105	86	41	23	0.20	7.0	219	200	0.020	0.020	
APR 03...	11	2.4	98	80	40	17	0.20	6.4	194	182	0.020	0.020	
JUL 24...	24	3.5	142	116	46	32	0.20	5.1	242	238	<0.010	<0.010	
DATE		NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS TOTAL (MG/L AS P)	PHOS-PHORUS DIS-SOLVED (MG/L AS P)	PHOS-PHORUS ORTHO-TOTAL (MG/L AS P)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	BARIIUM, DIS-SOLVED (UG/L AS BA)	COBALT, DIS-SOLVED (UG/L AS CO)
		(00630)	(00631)	(00610)	(00608)	(00625)	(00665)	(00666)	(70507)	(00671)	(01106)	(01005)	(01035)
NOV 15...	0.850	0.840	0.070	0.070	0.60	0.160	0.080	0.080	0.070	40	88	<3	
JAN 10...	1.80	1.90	0.070	0.050	1.0	0.170	0.070	0.070	0.060	50	60	<3	
APR 03...	2.00	2.00	0.030	0.030	0.70	0.120	0.030	0.050	0.050	50	59	<3	
JUL 24...	1.20	1.40	0.010	0.050	0.90	0.180	0.090	0.080	0.070	30	61	<3	

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. FINER THAN .062 MM (80155) (70331)
NOV 15...	15	13	3	<10	1	<1	<1.0	190	<6	12 12100	43
JAN 10...	45	12	10	<10	3	<1	<1.0	130	<6	66 133000	4
APR 03...	45	12	4	<10	2	<1	<1.0	130	<6	117 275000	4
JUL 24...	16	10	2	<10	3	<1	<1.0	190	<6	179 275000	74

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25 DEG. C, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	481	460	469	552	540	543	---	---	---	350	340	345
2	473	450	463	563	550	559	---	---	---	342	338	340
3	481	460	466	563	548	560	---	---	---	342	338	340
4	490	460	474	542	482	513	---	---	---	352	340	346
5	493	470	481	479	440	457	---	---	---	362	350	357
6	490	460	474	438	430	433	---	---	---	372	360	367
7	483	460	474	438	430	433	---	---	---	373	370	371
8	490	462	477	433	430	432	---	---	---	373	363	369
9	498	470	485	433	420	428	---	---	---	370	362	366
10	492	470	485	423	418	421	---	---	---	373	368	371
11	493	470	484	420	412	417	---	---	---	372	362	370
12	490	470	478	422	418	420	---	---	---	368	360	361
13	490	463	476	420	412	418	---	---	---	362	348	355
14	488	478	481	429	418	422	---	---	---	350	340	342
15	483	478	481	432	422	430	---	---	---	341	339	340
16	489	471	481	442	423	431	---	---	---	338	332	336
17	491	473	484	490	430	442	283	280	282	339	331	334
18	482	462	476	492	462	472	280	270	273	343	338	341
19	479	462	472	433	418	422	273	270	271	352	342	348
20	473	468	471	418	408	412	282	270	276	352	350	351
21	---	---	---	412	408	411	288	280	282	358	350	352
22	---	---	---	408	390	397	293	282	290	368	350	362
23	---	---	---	391	370	381	300	293	299	372	368	370
24	---	---	---	372	348	358	302	298	300	373	370	371
25	---	---	---	353	342	345	310	300	304	373	370	371
26	---	---	---	353	342	350	320	310	316	372	362	369
27	---	---	---	343	340	341	323	319	321	363	360	361
28	---	---	---	---	---	---	331	322	328	360	352	358
29	---	---	---	---	---	---	333	330	332	358	352	353
30	---	---	---	---	---	---	343	338	341	360	352	357
31	---	---	---	---	---	---	351	343	349	363	321	341
MONTH				563	340	431				373	321	355
FEBRUARY			MARCH			APRIL			MAY			
1	335	320	329	410	400	402	331	300	312	411	400	406
2	390	331	381	411	401	410	335	330	334	401	390	395
3	391	390	391	411	400	409	335	334	334	390	380	383
4	391	390	390	405	400	404	335	331	334	385	380	383
5	391	390	390	405	401	404	335	300	317	395	381	391
6	391	381	387	405	404	405	321	300	312	401	390	395
7	391	390	391	405	390	401	335	320	329	405	400	403
8	395	390	393	395	380	387	380	330	344	411	400	407
9	410	391	401	385	381	384	335	330	333	415	410	414
10	415	401	411	381	330	346	331	321	329	421	410	416
11	430	411	421	334	320	328	335	330	331	421	411	420
12	435	401	431	324	320	321	385	330	367	425	420	421
13	405	400	402	321	310	316	395	381	391	425	420	423
14	435	400	410	315	310	311	395	394	395	435	421	430
15	435	400	421	315	310	313	401	390	396	431	400	404
16	435	414	430	335	311	324	405	400	403	405	400	404
17	435	400	424	385	331	378	414	400	408	405	404	405
18	410	400	403	381	300	328	425	410	419	431	400	402
19	415	410	412	335	300	322	435	420	429	435	400	431
20	415	410	414	334	330	331	435	430	433	434	421	428
21	414	410	411	331	320	327	405	400	403	425	421	424
22	410	400	403	324	311	320	411	401	409	421	420	420
23	435	400	413	320	310	311	421	410	414	421	411	418
24	431	420	424	325	320	321	431	420	425	425	420	422
25	435	400	422	321	311	320	435	430	432	435	420	430
26	431	400	405	325	320	322	435	420	429	435	400	430
27	435	411	423	334	320	327	420	400	407	435	430	431
28	414	410	411	335	300	322	401	400	400	435	400	408
29	411	400	409	305	300	301	435	400	422	411	400	404
30	---	---	---	311	300	306	425	410	416	411	400	408
31	---	---	---	311	300	307	---	---	---	405	400	404
MONTH	435	320	405	411	300	345	435	300	380	435	380	412

MISSISSIPPI RIVER MAIN STEM

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25 DEG. C. WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	405	400	403	415	400	408	405	400	404	435	420	429
2	411	400	404	435	410	424	405	400	403	435	434	434
3	411	401	410	435	400	411	414	400	408	431	410	424
4	415	410	413	415	411	414	425	410	415	415	410	413
5	420	410	413	415	400	410	435	400	427	411	401	410
6	420	410	413	435	400	425	435	400	411	410	400	404
7	420	410	413	435	400	418	435	400	432	414	400	407
8	435	400	415	410	400	404	435	430	434	420	410	414
9	431	420	425	431	400	403	431	420	424	421	420	420
10	425	420	422	434	420	428	425	420	422	421	420	420
11	425	420	422	425	410	418	425	421	424	431	420	425
12	431	420	426	415	410	414	425	420	423	435	430	434
13	431	420	426	425	410	419	415	400	410	431	400	414
14	425	420	423	431	420	427	404	381	396	411	400	405
15	420	400	412	431	410	425	385	330	374	425	410	417
16	405	390	398	415	410	414	335	330	334	425	420	422
17	391	380	386	421	410	417	385	331	372	424	400	411
18	391	380	383	431	420	425	395	380	390	415	400	407
19	385	331	379	435	400	431	405	390	398	431	401	414
20	381	330	364	435	400	426	414	400	406	415	410	412
21	335	320	328	431	400	410	421	410	416	415	410	414
22	335	320	329	415	400	408	421	420	421	420	410	412
23	385	380	380	415	404	412	421	420	420	415	400	410
24	405	381	394	435	400	425	424	420	421	435	400	419
25	414	400	407	435	400	419	425	420	422	431	411	424
26	415	410	413	410	400	404	425	410	421	415	410	412
27	415	410	412	435	400	418	415	410	414	425	410	417
28	411	400	404	421	400	407	421	410	415	435	420	432
29	411	400	405	400	390	394	421	411	419	431	420	426
30	405	401	404	401	390	395	420	410	412	420	410	414
31	---	---	---	405	400	402	425	420	422	---	---	---
MONTH	435	320	401	435	390	415	435	330	410	435	400	417
YEAR	563	270	397									

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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

TEMPERATURE, WATER (DEG. C). WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	6.5	6.0	6.5	9.0	9.0	9.0	11.0	10.5	10.5	15.0	15.0	15.0
2	6.5	6.0	6.5	9.0	9.0	9.0	10.5	10.5	10.5	15.5	15.0	15.0
3	6.5	6.0	6.0	9.5	9.0	9.5	11.0	10.5	11.0	15.0	15.0	15.0
4	6.5	6.0	6.5	9.5	9.5	9.5	11.0	11.0	11.0	15.5	15.0	15.5
5	6.5	6.0	6.0	10.0	9.5	10.0	11.5	11.0	11.0	16.0	15.5	15.5
6	6.0	6.0	6.0	10.5	10.0	10.5	11.5	11.0	11.5	15.5	15.5	15.5
7	6.5	6.0	6.5	11.0	10.5	11.0	11.0	11.0	11.0	15.5	15.0	15.5
8	6.5	6.0	6.5	11.5	11.0	11.5	11.5	11.0	11.5	15.5	15.0	15.5
9	6.5	6.0	6.5	11.5	10.0	11.0	11.5	11.0	11.5	15.5	15.5	15.5
10	6.5	6.0	6.5	10.0	10.0	10.0	11.5	10.0	10.5	16.0	15.5	16.0
11	6.5	6.5	6.5	11.5	10.0	11.0	11.0	10.0	10.5	16.5	16.0	16.0
12	6.5	6.5	6.5	11.5	10.0	11.0	11.5	11.0	11.0	19.0	16.0	17.0
13	6.5	6.5	6.5	11.5	10.0	10.5	14.0	11.5	12.5	19.5	19.0	19.5
14	6.5	5.0	5.5	10.0	10.0	10.0	14.5	14.0	14.0	20.5	19.5	20.0
15	6.0	5.0	5.5	11.5	10.0	10.5	15.0	14.5	14.5	21.0	20.5	20.5
16	6.5	6.0	6.0	11.5	11.5	11.5	15.5	15.0	15.0	21.0	21.0	21.0
17	9.0	6.5	7.0	11.5	11.0	11.5	16.0	15.5	16.0	21.5	21.0	21.5
18	9.0	9.0	9.0	11.5	11.5	11.5	16.5	16.0	16.0	21.5	20.0	20.5
19	9.5	9.0	9.0	11.5	11.5	11.5	16.5	15.0	16.0	20.5	20.5	20.5
20	9.5	9.0	9.5	11.5	11.5	11.5	15.5	15.0	15.5	21.0	20.5	21.0
21	9.5	9.5	9.5	11.5	11.5	11.5	16.5	15.5	16.0	21.0	21.0	21.0
22	9.5	9.5	9.5	11.5	11.5	11.5	16.5	16.0	16.5	21.5	21.0	21.5
23	9.5	9.5	9.5	11.5	11.0	11.5	19.0	16.5	18.0	24.0	21.5	23.0
24	9.5	9.5	9.5	11.0	11.0	11.0	19.5	19.0	19.5	24.5	24.0	24.5
25	9.5	9.5	9.5	11.0	11.0	11.0	19.5	19.0	19.5	24.5	24.5	24.5
26	9.5	9.0	9.0	11.0	11.0	11.0	19.5	19.0	19.0	24.5	24.0	24.0
27	9.0	6.5	9.0	11.0	11.0	11.0	19.0	16.5	17.0	21.5	21.5	21.5
28	9.0	6.5	8.0	11.0	10.5	11.0	16.5	16.0	16.5	21.5	21.0	21.5
29	9.0	6.5	8.5	11.0	10.5	11.0	16.0	15.5	16.0	21.0	20.5	20.5
30	---	---	---	11.0	11.0	11.0	15.5	15.0	15.5	20.5	20.0	20.0
31	---	---	---	11.0	10.5	11.0	---	---	---	20.0	20.0	20.0
MONTH	9.5	5.0	7.5	11.5	9.0	11.0	19.5	10.0	14.0	24.5	15.0	19.0
	JUNE			JULY			AUGUST			SEPTEMBER		
1	20.0	20.0	20.0	26.5	25.0	26.0	29.5	29.0	29.5	25.0	25.0	25.0
2	20.0	20.0	20.0	25.5	25.0	25.0	29.5	29.0	29.0	25.0	25.0	25.0
3	20.0	20.0	20.0	25.5	25.0	25.5	29.0	29.0	29.0	26.5	25.0	26.0
4	20.0	20.0	20.0	25.5	25.0	25.5	29.0	29.0	29.0	26.5	25.0	26.5
5	20.5	20.0	20.5	26.0	25.5	26.0	29.0	29.0	29.0	26.5	25.0	25.5
6	21.0	20.5	21.0	26.0	26.0	26.0	29.0	26.0	26.5	25.0	25.0	25.0
7	21.5	21.0	21.5	26.5	26.0	26.5	26.0	26.0	26.0	25.0	25.0	25.0
8	24.0	21.5	21.5	26.5	26.5	26.5	26.0	26.0	26.0	25.5	25.0	25.5
9	24.0	21.5	23.0	26.5	26.5	26.5	26.0	26.0	26.0	25.5	25.5	25.5
10	24.0	24.0	24.0	29.0	26.5	27.5	26.0	26.0	26.0	26.0	25.5	25.5
11	24.5	24.0	24.5	29.0	26.5	28.5	26.0	26.0	26.0	25.5	25.5	25.5
12	24.5	24.0	24.5	29.0	29.0	29.0	26.0	26.0	26.0	25.5	25.0	25.0
13	25.0	24.5	25.0	29.5	29.0	29.0	26.0	26.0	26.0	26.5	25.0	25.5
14	25.0	24.5	25.0	29.0	29.0	29.0	26.0	26.0	26.0	26.5	25.0	25.5
15	25.5	25.0	25.5	29.0	29.0	29.0	26.0	25.5	25.5	26.5	25.0	26.0
16	26.0	25.5	25.5	29.0	29.0	29.0	25.5	25.0	25.5	26.5	26.5	26.5
17	26.5	26.0	26.0	29.0	29.0	29.0	26.5	25.0	25.5	26.5	26.5	26.5
18	26.5	26.0	26.5	29.0	26.5	27.0	26.5	25.0	26.5	26.5	26.5	26.5
19	26.5	25.0	26.0	29.0	26.5	27.5	26.5	26.5	26.5	26.5	25.0	26.0
20	25.5	25.0	25.0	29.0	29.0	29.0	26.5	26.5	26.5	26.5	26.5	26.5
21	25.5	25.0	25.5	29.0	26.5	28.5	26.5	25.0	26.0	26.5	26.5	26.5
22	25.0	25.0	25.0	29.5	29.0	29.0	25.0	25.0	25.0	26.5	26.0	26.5
23	25.0	25.0	25.0	29.5	29.0	29.0	25.5	25.0	25.5	26.0	25.0	25.5
24	25.0	25.0	25.0	29.5	29.0	29.5	25.5	25.0	25.5	25.0	24.5	25.0
25	25.0	25.0	25.0	29.5	29.0	29.5	25.5	25.0	25.5	24.5	24.0	24.5
26	25.0	25.0	25.0	29.5	29.5	29.5	25.5	25.0	25.5	24.0	21.5	22.5
27	25.0	25.0	25.0	29.5	29.5	29.5	25.0	25.0	25.0	21.5	21.5	21.5
28	25.5	25.0	25.5	29.5	29.0	29.0	25.0	25.0	25.0	21.5	21.0	21.0
29	25.0	25.0	25.0	29.0	29.0	29.0	25.0	25.0	25.0	21.0	20.5	20.5
30	26.5	25.0	25.5	29.5	29.0	29.0	25.0	25.0	25.0	21.5	20.0	20.5
31	---	---	---	29.5	29.0	29.5	25.0	25.0	25.0	---	---	---
MONTH	26.5	20.0	24.0	29.5	25.0	28.0	29.5	25.0	26.5	26.5	20.0	25.0
YEAR	29.5	5.0	17.0									

BIG BLACK RIVER BASIN

07289350 BIG BLACK RIVER AT WEST, MS

LOCATION.--Lat 33°11'39", long 89°46'15", in NW4 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.--1,027 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.

REVISED RECORDS.--WDR MS-89-1: Drainage area.

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.--No estimated daily discharges: Records good. Telemeter and satellite telemeter at station.

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)
Dec. 4	1230	*30,000	*22.42	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	206	190	1200	406	696	1510	1120	285	146	646	467	377
2	161	317	3910	374	588	937	1120	281	129	1110	312	252
3	133	276	22000	364	509	676	797	266	121	399	196	386
4	120	240	28900	363	459	567	581	222	213	137	848	
5	114	185	22500	356	440	795	477	185	229	129	112	832
6	140	152	14900	339	530	1260	421	167	221	106	189	697
7	237	136	10000	325	513	979	398	156	185	97	204	401
8	236	126	6300	311	465	782	458	151	181	86	135	237
9	189	121	3940	304	416	631	483	135	221	80	121	172
10	159	123	2620	304	376	1440	476	122	235	75	115	142
11	133	124	1670	298	345	2380	427	117	879	71	428	127
12	114	125	1410	296	323	2070	374	115	1110	67	412	117
13	103	123	1750	423	376	2210	334	115	1620	64	326	119
14	97	121	3190	1000	466	2200	308	119	1660	61	273	116
15	93	121	4000	1080	1800	1320	290	130	1700	138	204	102
16	91	121	3430	1130	4740	746	268	131	1770	1450	158	94
17	89	123	3670	904	6240	572	252	123	1260	1730	118	92
18	88	123	3400	658	8920	590	249	115	534	1560	94	104
19	87	124	2280	738	7250	1570	257	120	316	1080	81	109
20	86	899	1040	753	4870	1700	622	121	258	676	74	114
21	85	1560	666	872	3290	1700	2050	134	193	511	72	112
22	85	1290	551	1030	1790	1760	1990	132	152	351	71	135
23	93	1220	527	1300	846	1800	1990	113	133	285	77	121
24	206	896	595	1340	660	1650	2370	102	119	216	84	116
25	134	496	588	1290	943	1640	2110	94	108	177	142	113
26	136	322	560	1090	1950	1770	982	90	102	167	173	413
27	134	261	482	805	1970	1460	494	88	100	159	501	1100
28	132	223	444	761	1840	939	348	90	99	156	1490	510
29	132	202	466	828	1880	686	309	100	99	155	1100	256
30	130	195	467	858	---	630	290	119	98	303	1050	166
31	130	---	444	813	---	867	---	145	---	440	726	---
TOTAL	4073	10535	147900	21713	55491	39837	22645	4383	14200	12758	9642	8480
MEAN	131	351	4771	700	1913	1285	755	141	473	412	311	283
MAX	237	1560	28900	1340	8920	2380	2370	285	1770	1730	1490	1100
MIN	85	121	444	296	323	567	249	88	98	61	71	92
CFSM	.13	.34	4.65	.68	1.86	1.25	.73	.14	.46	.40	.30	.28
IN.	.15	.38	5.36	.79	2.01	1.44	.82	.16	.51	.46	.35	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1992, BY WATER YEAR (WY)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	412	978	2402	3282	2823	3384	2946	2003	876	450	211	260										
MAX	2890	5739	11820	7339	6199	8406	8664	9714	5186	3284	1005	2054										
(WY)	1985	1980	1983	1974	1983	1980	1991	1983	1989	1975	1979											
MIN	16.3	61.3	234	185	410	1049	190	89.9	33.6	60.9	46.6	31.1										
(WY)	1988	1982	1986	1986	1986	1985	1986	1988	1988	1988	1987	1987										

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1971 - 1992

	1991	1992	1971-1992
ANNUAL TOTAL	1063257	351657	1665
ANNUAL MEAN	2913	961	3821
HIGHEST ANNUAL MEAN			423
LOWEST ANNUAL MEAN			62400
HIGHEST DAILY MEAN	47000	28900	14
LOWEST DAILY MEAN	74	61	14
ANNUAL SEVEN-DAY MINIMUM	87	72	14
INSTANTANEOUS PEAK FLOW		30000	71200
INSTANTANEOUS PEAK STAGE		22.42	26.08
INSTANTANEOUS LOW FLOW		60	13
ANNUAL RUNOFF (CFSM)	2.84	.94	1.62
ANNUAL RUNOFF (INCHES)	38.51	12.74	22.03
10 PERCENT EXCEEDS	8760	1790	4290
50 PERCENT EXCEEDS	507	319	390
90 PERCENT EXCEEDS	107	101	64

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

LOCATION.--Lat 32°20'51", long 90°41'48", in NW4SE4 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.--2,812 mi², (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). WDR MS-89-1: Drainage area.

GAGE.--Water-stage recorder and supplemental nonrecording gage read twice daily. Datum of gage is 84.93 ft above National Geodetic Vertical Datum of 1929 (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. U.S. Army Corps of Engineers satellite telemeter at station.

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)
Dec. 14	2300	*16,200	*31.39	No other peak greater than base discharge			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1520	1130	960	1230	2600	4220	2480	1180	379	387	664	6840
2	1330	817	2380	1200	2270	3400	2030	1060	374	377	473	3970
3	1080	1020	4680	1160	2030	3020	1820	1000	382	391	359	1890
4	855	1010	6120	1110	1830	2690	1840	916	393	355	440	1340
5	711	801	6680	1060	1910	4460	1860	878	410	557	516	1170
6	629	673	6590	1030	3750	5700	1730	849	416	976	512	1000
7	561	587	6630	1020	5310	5590	1530	794	438	765	548	978
8	520	527	6910	1010	5570	5310	1400	637	582	579	561	1070
9	484	475	7640	1000	4240	4090	1320	609	794	462	432	1020
10	461	428	8930	997	2640	2930	1290	592	877	383	338	848
11	473	393	9870	987	1890	2700	1280	560	935	331	935	681
12	511	367	11100	1400	1620	3730	1250	516	1040	301	951	522
13	518	349	13600	2560	4530	4450	1230	500	1420	280	1190	410
14	506	337	15900	3670	5670	4290	1180	480	1740	264	1220	349
15	483	328	15900	4170	7160	3590	1100	462	2690	255	1610	302
16	460	323	15200	3990	8420	3200	1050	447	2640	299	1140	267
17	441	319	14100	3410	8580	3050	1030	434	2310	691	702	244
18	422	316	12700	2770	8450	2940	1010	425	2110	574	514	236
19	402	315	11100	3550	8070	3940	981	427	2080	615	393	258
20	387	4320	9200	4160	7740	4300	1430	425	4130	1630	352	477
21	376	6430	6680	4680	7480	4360	2050	423	3400	1790	293	861
22	354	6100	4550	4320	7200	3940	1650	431	2550	1550	254	2330
23	346	5840	3020	3710	6880	3340	1560	418	1480	1260	318	1320
24	352	4540	2180	3750	6560	3290	2160	408	906	1230	314	1360
25	372	2830	1810	4010	6260	3250	2390	402	682	1120	1140	966
26	381	2030	1620	3610	4810	3130	2400	414	568	820	1710	686
27	603	1710	1520	2940	3770	2820	2640	420	531	651	8360	616
28	697	1400	1470	3110	4580	2590	2700	410	557	1180	8730	2310
29	824	1120	1420	3280	4850	2550	2100	405	441	716	8520	2740
30	663	984	1350	3390	---	2750	1510	417	408	760	8060	1990
31	544	---	1280	3080	---	2760	---	391	---	778	7600	---
TOTAL	18266	47819	213090	81364	146670	112380	50001	17730	37663	22327	59149	39051
MEAN	589	1594	6874	2625	5058	3625	1667	572	1255	720	1908	1302
MAX	1520	6430	15900	4680	8580	5700	2700	1180	4130	1790	8730	6840
MIN	346	315	960	987	1620	2550	981	391	374	255	254	236
CFSM	.21	.57	2.44	.93	1.80	1.29	.59	.20	.45	.26	.68	.46
IN.	.24	.63	2.82	1.08	1.94	1.49	.66	.23	.50	.30	.78	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 1992, BY WATER YEAR (WY)

	MEAN	729	1520	4218	6755	7524	7990	7352	4908	1724	1403	874	552
MAX	6547	11050	27400	24360	20700	19780	25100	23860	6988	13730	4059	3800	
(WY)	1976	1958	1983	1974	1983	1973	1983	1983	1989	1940	1975	1979	
MIN	78.8	103	213	216	1156	1040	559	398	209	172	121	106	
(WY)	1955	1940	1955	1956	1986	1936	1963	1963	1988	1952	1943	1952	

SUMMARY STATISTICS

FOR 1991 CALENDAR YEAR

FOR 1992 WATER YEAR

WATER YEARS 1936 - 1992

	2578383	845510	3805
ANNUAL TOTAL	2578383	845510	3805
ANNUAL MEAN	7064	2310	10950
HIGHEST ANNUAL MEAN			792
LOWEST ANNUAL MEAN			1983
HIGHEST DAILY MEAN	53200	May 6	90600
LOWEST DAILY MEAN	300	Sep 21	67
ANNUAL SEVEN-DAY MINIMUM	327	Nov 13	67
INSTANTANEOUS PEAK FLOW			92300
INSTANTANEOUS PEAK STAGE			40.77
INSTANTANEOUS LOW FLOW			65
ANNUAL RUNOFF (CFSM)	2.51	.82	1.35
ANNUAL RUNOFF (INCHES)	34.11	11.19	18.38
10 PERCENT EXCEEDS	19600	6110	10600
50 PERCENT EXCEEDS	2030	1180	1080
90 PERCENT EXCEEDS	414	380	187

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 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, KF AGAR (COLS. PER 100 ML) (31673)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	
OCT 09...	1200	485	117	7.6	19.5	33	9.3	101	660	520	8.8	3.7	
DEC 12...	1230	11200	49	6.7	12.5	9.0	9.2	87	740	2700	2.5	1.1	
FEB 19...	0845	8110	72	7.1	15.0	140	7.6	75	580	320	5.1	2.0	
JUN 17...	1245	2300	75	7.2	28.0	150	7.8	100	100	160	4.4	1.6	
AUG 10...	1300	327	111	7.3	31.0	100	5.4	73	K42	K32	7.3	3.0	
DATE		SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
OCT 09...	6.4	3.5	46	38	6.2	7.3	0.10	10	62	70	<0.010	0.020	
DEC 12...	2.2	3.1	10	8	4.7	2.2	0.20	5.8	31	28	0.030	<0.010	
FEB 19...	5.0	2.6	17	14	8.0	5.1	0.10	7.1	65	45	0.030	<0.010	
JUN 17...	6.0	3.4	19	16	6.7	5.8	<0.10	7.9	71	48	0.040	0.030	
AUG 10...	7.4	3.0	36	29	6.5	7.6	0.10	8.0	74	63	0.020	0.020	
DATE		NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (70507)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
OCT 09...	0.190	0.160	0.020	<0.010	<0.20	--	0.100	--	0.070	--	--	--	--
DEC 12...	<0.050	0.055	0.050	0.050	0.80	0.200	0.030	0.090	0.030	110	44	<3	
FEB 19...	0.098	0.130	0.110	0.100	1.3	0.290	0.060	0.090	0.050	340	36	<3	
JUN 17...	0.520	0.500	0.110	0.110	1.4	0.190	0.030	0.060	0.050	50	18	3	
AUG 10...	0.450	0.460	0.110	0.100	0.60	0.290	0.050	0.030	0.040	30	30	<3	
DATE		IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. FINER THAN .062 MM (70331)
OCT 09...	--	--	--	--	--	--	--	--	--	--	6	7.9	93
DEC 12...	260	7	260	<10	3	<1	<1.0	18	<6	54	1630	83	
FEB 19...	480	9	62	<10	2	<1	<1.0	38	<6	15	328	60	
JUN 17...	93	10	12	<10	1	<1	<1.0	34	<6	292	1810	100	
AUG 10...	66	<4	19	<10	1	<1	<1.0	56	<6	109	96	99	

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 left 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.--654 mi².

REVISED RECORDS.--WDR MS-89-1: Drainage area.

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: Oct. 1-4, Dec. 16-27, Feb. 22-25, June 28, 29, July 29-Aug 5, Aug. 30 - Sept. 1, Sept. 11-17. Records fair except for estimated daily discharges, which are poor. Satellite telemeter at station.

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)
Aug. 27	2130	*31,100	*25.44	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e130	443	505	172	615	365	258	153	115	277	e200	e390
2	e120	403	4780	168	480	336	243	148	107	188	e220	505
3	e100	351	5240	165	412	309	228	143	106	130	e150	396
4	e97	267	1890	158	374	299	217	142	134	105	e120	342
5	94	224	835	152	6960	2120	211	138	117	93	e101	281
6	91	199	550	148	6760	2980	212	131	105	87	98	252
7	85	184	440	144	3360	1800	453	122	104	83	104	229
8	81	170	394	154	1370	869	547	117	138	78	124	213
9	79	159	426	168	857	588	316	114	123	74	130	203
10	79	152	1840	169	643	2590	241	112	106	73	171	192
11	79	147	789	168	537	1960	234	110	641	71	163	e180
12	78	137	419	1130	509	783	264	123	666	68	812	e166
13	77	137	3300	2560	5540	532	234	146	790	66	1790	e153
14	76	137	8340	1840	3640	426	196	111	376	65	532	e140
15	76	136	2640	875	2030	370	178	107	2210	83	211	e130
16	74	134	e900	485	1220	329	168	102	825	102	141	e120
17	72	134	e500	363	1490	301	164	101	326	88	115	e110
18	72	133	e410	1250	1650	447	175	100	206	190	102	161
19	71	144	e360	5930	1000	2920	257	102	163	519	92	157
20	71	1950	e340	2700	641	1720	1300	99	173	183	339	839
21	72	735	e310	1390	513	727	2310	93	161	219	511	460
22	73	433	e290	853	e440	510	1180	93	122	119	170	542
23	85	321	e255	1750	e460	949	417	91	107	129	131	236
24	88	266	e240	1320	e450	897	280	91	98	177	182	166
25	81	236	e230	726	e520	556	233	88	94	152	200	141
26	84	213	e215	541	1010	482	201	158	102	116	3930	306
27	97	205	e205	560	721	398	182	209	118	120	25400	234
28	96	193	198	2360	489	336	168	147	e128	776	12400	172
29	94	186	194	1620	409	299	161	164	e100	e369	3200	142
30	95	193	188	922	---	290	159	156	258	e300	e1570	124
31	333	---	179	730	---	272	---	133	---	e250	e1000	---
TOTAL	2900	8722	37402	31671	45100	27760	11387	3844	8819	5350	54409	7682
MEAN	93.5	291	1207	1022	1555	895	380	124	294	173	1755	256
MAX	333	1950	8340	5930	6960	2980	2310	209	2210	776	25400	839
MIN	71	133	179	144	374	272	159	88	94	65	92	110
CFSM	.14	.44	1.84	1.56	2.38	1.37	.58	.19	.45	.26	2.68	.39
IN.	.16	.50	2.13	1.80	2.57	1.58	.65	.22	.50	.30	3.09	.44

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1992, BY WATER YEAR (WY)

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	288	504	1245	1546	1655	1786	1859	1154	416	282	275	155																				
MAX	1885	2241	5324	6064	4833	5992	6776	3960	1524	1637	1755	565																				
(WY)	1965	1987	1983	1990	1979	1980	1983	1978	1975	1989	1992	1974																				
MIN	26.4	53.1	149	158	210	239	133	60.1	58.0	74.6	37.9	51.7																				
(WY)	1964	1970	1966	1981	1986	1967	1963	1963	1988	1962	1969	1984																				

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1961 - 1992
ANNUAL TOTAL	521733	245046	
ANNUAL MEAN	1429	670	925
HIGHEST ANNUAL MEAN			2099
LOWEST ANNUAL MEAN			318
HIGHEST DAILY MEAN	29000	25400	72900
LOWEST DAILY MEAN	71	65	20
ANNUAL SEVEN-DAY MINIMUM	72	71	23
INSTANTANEOUS PEAK FLOW		31100	88000
INSTANTANEOUS PEAK STAGE		25.44	29.36
ANNUAL RUNOFF (CFSM)	2.19	1.02	1.41
ANNUAL RUNOFF (INCHES)	29.68	13.94	19.21
10 PERCENT EXCEEDS	3630	1580	1870
50 PERCENT EXCEEDS	339	205	197
90 PERCENT EXCEEDS	103	93	58

HOMOCHITTO RIVER BASIN

07291000 HOMOCHITTO RIVER AT EDDICETON, MS

LOCATION.--Lat 31°30'10", long 90°46'35", in SE4NE4 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.--181 mi².

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

REVISED RECORDS.--WSP 1281: 1939-40, 1942-44, 1949-50. WDR MS-89-1: Drainage area.

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 higher. Prior to May 26, 1942, nonrecording gage at site 900 ft upstream.

REMARKS.--Estimated daily discharges: Aug. 27-28. Records good except for estimated daily discharges, which are fair. Satellite telemeter at station.

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)
Oct. 31	0600	9,340	12.90	Aug. 27	unknown	*21,800	* ^a 18.00
Feb. 5	1215	11,200	13.84				

^a from floodmark

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	565	385	103	266	199	119	87	77	99	75	151
2	62	279	4710	100	232	189	113	82	77	81	93	135
3	62	189	1570	100	214	180	108	82	83	76	76	121
4	63	157	414	96	627	167	103	86	100	122	77	108
5	63	136	282	93	7110	978	105	85	79	77	71	99
6	62	124	225	90	1430	1070	117	80	74	75	71	93
7	62	118	203	87	667	462	297	77	75	71	71	90
8	60	109	186	105	459	321	151	76	78	72	72	85
9	62	104	218	108	343	274	116	76	76	71	73	80
10	64	104	351	91	281	759	120	75	76	73	74	74
11	65	104	213	85	244	359	217	76	255	72	113	74
12	65	101	177	685	226	258	132	83	176	74	93	71
13	65	97	1610	548	2780	246	110	81	142	73	617	68
14	65	94	2030	399	816	227	99	77	96	76	101	68
15	65	90	425	229	566	215	88	77	665	85	67	66
16	66	85	281	190	397	205	87	76	162	127	57	66
17	66	84	237	176	662	200	105	74	93	90	54	87
18	67	81	212	2150	511	653	107	75	82	83	53	114
19	67	79	190	1850	325	1010	158	90	75	79	52	74
20	65	434	165	565	271	291	932	76	72	116	54	88
21	66	259	160	510	253	187	384	76	69	105	55	75
22	68	163	160	583	245	196	159	77	68	113	61	71
23	68	127	221	801	291	239	119	73	68	448	74	66
24	67	107	184	460	258	196	103	73	68	130	64	61
25	68	100	155	352	505	175	94	71	68	95	96	62
26	72	95	144	307	412	156	90	93	69	82	2650	79
27	413	89	137	632	262	147	85	91	76	75	e10300	70
28	99	83	129	811	234	142	82	136	70	262	e1110	63
29	76	82	123	440	216	130	83	107	88	270	418	60
30	283	283	116	357	---	137	86	84	163	104	250	60
31	3650	---	109	326	---	125	---	77	---	77	185	---
TOTAL	6211	4522	15722	13429	21103	10093	4669	2549	3420	3453	17277	2479
MEAN	200	151	507	433	728	326	156	82.2	114	111	557	82.6
MAX	3650	565	4710	2150	7110	1070	932	136	665	448	10300	151
MIN	60	79	109	85	214	125	82	71	68	71	52	60
CFSM	1.11	.83	2.80	2.39	4.02	1.80	.86	.45	.63	.62	3.08	.46
IN.	1.28	.93	3.23	2.76	4.34	2.07	.96	.52	.70	.71	3.55	.51

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1992, BY WATER YEAR (WY)

MEAN	98.0	145	326	408	505	530	473	301	137	141	102	77.5
MAX	765	742	1428	1398	1169	1400	1981	1818	534	1036	557	302
(WY)	1965	1958	1983	1990	1979	1961	1974	1953	1975	1989	1992	1965
MIN	31.4	37.5	62.6	54.2	70.7	100	64.4	49.9	42.3	37.5	35.3	33.3
(WY)	1953	1939	1944	1957	1954	1955	1963	1963	1972	1944	1954	1956

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1939 - 1992
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ANNUAL TOTAL	138524		104927			
ANNUAL MEAN	380		287		269	
HIGHEST ANNUAL MEAN					587	1983
LOWEST ANNUAL MEAN					92.8	1954
HIGHEST DAILY MEAN	10800	Apr 29	10300	Aug 27	34600	Apr 13 1974
LOWEST DAILY MEAN	52	Sep 22	52	Aug 19	11	Jun 1 1989
ANNUAL SEVEN-DAY MINIMUM	54	Sep 16	55	Aug 16	13	May 29 1989
INSTANTANEOUS PEAK FLOW			21800	Aug 27	55400	Apr 13 1974
INSTANTANEOUS PEAK STAGE			18.00a	Aug 27	19.53	Apr 13 1974
ANNUAL RUNOFF (CFSM)	2.10		1.58		1.49	
ANNUAL RUNOFF (INCHES)	28.47		21.57		20.20	
10 PERCENT EXCEEDS	746		506		440	
50 PERCENT EXCEEDS	127		103		83	
90 PERCENT EXCEEDS	63		67		43	

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.--787 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1951 to current year, June to November 1906 (gage heights and discharge measurements only), 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). WDR MS-89-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 94.39 ft above National Geodetic Vertical Datum of 1929. June 16 to Nov. 12, 1906, nonrecording gage at present site, at different datum, December 1976 to April 1978, near right bank on downstream side of Illinois Central and Gulf Railroad bridge, 800 ft upstream and nonrecording gage read twice daily at present site, all at same datum.

REMARKS.--Estimated daily discharges: Mar. 20,23-25, 28-31, Apr. 1, Aug. 11-17, Sept. 8, 17-24. Records fair except for estimated daily discharges, which are poor. Telemeter and satellite telemeter at station.

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)
Oct. 27	0445	21,700	14.73	Feb. 5	1330	36,700	17.39
Oct. 31	1130	16,200	13.44	Feb. 13	1330	18,100	13.92
Dec. 3	0015	17,900	13.86	Aug. 27	0345	*39,500	17.72
Jan. 18	2315	24,900	15.41				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	370	3860	2010	710	1470	980	e769	606	396	837	392	1290
2	354	1720	12300	699	1270	901	776	576	459	457	551	1120
3	340	928	8060	690	1150	846	737	550	574	374	449	985
4	325	697	2370	683	2570	852	730	548	765	595	398	903
5	313	546	1430	678	20500	8090	722	526	594	513	361	823
6	290	474	1030	678	6970	7240	776	489	401	338	344	762
7	267	421	970	678	2780	3340	1630	451	394	323	337	716
8	257	372	878	801	1940	2320	1560	445	664	315	336	e787
9	258	341	810	1210	1590	1880	954	459	496	308	336	684
10	259	291	1140	1040	1300	2570	937	457	416	311	352	577
11	259	318	1140	877	1150	2260	2160	451	394	324	e581	507
12	264	298	961	1830	1020	1480	1240	491	804	303	e860	459
13	260	290	2840	3240	8660	1280	892	545	684	293	e2600	414
14	257	281	8560	2040	4520	1170	805	448	613	294	e860	383
15	259	267	2690	1470	3400	1110	764	412	871	419	e450	359
16	257	265	1800	1080	2790	1060	744	396	1630	587	e300	334
17	248	258	1400	920	2760	1010	793	390	660	481	e277	e328
18	245	252	1170	7270	2900	3590	892	374	507	541	266	e300
19	239	270	1050	11000	1830	7370	925	444	457	374	261	e320
20	238	1710	967	2590	1430	e2690	6610	477	449	328	260	e450
21	236	1520	915	1650	1210	1800	3590	367	447	605	254	e320
22	237	678	897	1630	1170	1590	1740	364	413	525	247	e380
23	238	451	1030	3410	1540	e2240	1140	368	409	679	844	e400
24	246	357	1170	1910	1300	e1550	966	359	399	1160	459	e426
25	250	319	1040	1490	1690	e1320	891	354	395	741	316	388
26	258	285	936	1250	2190	1670	797	422	394	640	3640	390
27	7050	264	882	2060	1420	1070	727	1120	387	449	23700	436
28	1230	257	865	5100	1200	e857	667	807	379	382	6630	380
29	643	247	856	2400	1080	e748	635	790	367	618	2730	327
30	456	1450	754	1850	---	e776	629	519	1410	573	2190	290
31	6900	---	731	1630	---	e928	---	393	---	398	1600	---
TOTAL	23303	19687	63652	64564	84800	66588	37198	15398	17228	15085	53181	16238
MEAN	752	656	2053	2083	2924	2148	1240	497	574	487	1716	541
MAX	7050	3860	12300	11000	20500	8090	6610	1120	1630	1160	23700	1290
MIN	236	247	731	678	1020	748	629	354	367	293	247	290
CFSM	.96	.83	2.61	2.65	3.72	2.73	1.58	.63	.73	.62	2.18	.69
IN.	1.10	.93	3.01	3.05	4.01	3.15	1.76	.73	.81	.71	2.51	.77

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 1992, BY WATER YEAR (WY)

	592	681	1392	1664	2029	1924	1939	1347	722	625	500	471
MEAN	592	681	1392	1664	2029	1924	1939	1347	722	625	500	471
MAX	3855	3010	5344	6205	5210	6206	8806	7650	3184	3753	1716	1273
(WY)	1965	1958	1962	1990	1979	1961	1974	1953	1975	1989	1992	1957
MIN	141	202	335	255	363	491	313	247	232	223	166	158
(WY)	1953	1964	1954	1957	1954	1954	1963	1963	1988	1954	1954	1956

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1952 - 1992
ANNUAL TOTAL	659892	476922	1153
ANNUAL MEAN	1808	1303	2342
HIGHEST ANNUAL MEAN			348
LOWEST ANNUAL MEAN			118000
HIGHEST DAILY MEAN	26200	23700	129
LOWEST DAILY MEAN	236	236	132
ANNUAL SEVEN-DAY MINIMUM	240	240	150000a
INSTANTANEOUS PEAK FLOW		39500	36.03
INSTANTANEOUS PEAK STAGE		17.72	1.47
ANNUAL RUNOFF (CFSM)	2.30	1.66	19.91
ANNUAL RUNOFF (INCHES)	31.19	22.54	2080
10 PERCENT EXCEEDS	4180	2580	469
50 PERCENT EXCEEDS	915	693	225
90 PERCENT EXCEEDS	316	288	

a From rating curve extended above 47,000 ft³/s.

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 1991 TO SEPTEMBER 1992

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED SATUR-ATION (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, KF AGAR (COLS. PER 100 ML) (31673)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	
OCT 08...	1200	276	77	7.0	18.0	4.7	10.3	108	740	--	3.1	1.2	
JAN 29...	1130	2400	36	6.6	11.5	46	10.4	95	K1900	1100	2.0	0.8	
APR 09...	1200	936	60	6.8	21.0	16	8.6	97	180	K48	2.7	1.1	
JUL 15...	1215	438	66	7.2	29.5	13	7.4	98	300	280	2.8	1.5	
DATE		SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
OCT 08...	7.2	1.3	17	14	1.9	13	<0.10	14	38	50	<0.010	<0.010	
JAN 29...	3.7	1.3	6	5	3.1	4.5	0.20	9.9	45	30	0.020	0.010	
APR 09...	5.8	1.2	10	8	2.8	9.0	<0.10	11	48	39	0.010	<0.010	
JUL 15...	8.8	1.3	12	10	2.1	9.6	<0.10	13	49	46	0.010	<0.010	
DATE		NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO TOTAL (MG/L AS P) (70507)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
OCT 08...	<0.050	<0.050	0.020	<0.010	<0.20	0.030	<0.010	<0.010	<0.010		30	33	<3
JAN 29...	0.087	0.110	0.040	0.060	0.60	0.040	0.030	0.030	0.020		150	32	<3
APR 09...	0.110	0.083	0.030	0.030	0.90	0.020	<0.010	0.030	<0.010		70	22	<3
JUL 15...	<0.050	<0.050	0.040	0.040	0.20	0.020	0.010	0.010	0.020		30	15	<3
DATE		IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. # FINER THAN .062 MM (70331)
OCT 08...	150	<4	63	<10	<1	<1	<1.0	34	<6	3	2.2		25
JAN 29...	190	8	21	<10	2	<1	<1.0	20	<6	329	2130		3
APR 09...	240	<4	29	<10	2	<1	<1.0	28	<6	16	40		20
JUL 15...	270	13	76	<10	1	<1	<1.0	36	<6	40	47		90

07295000 BUFFALO RIVER NEAR WOODVILLE, MS

LOCATION.--Lat 31°13'35", long 91°17'45", in SW4 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.--180 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). WDR MS-89-1: Drainage area.

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.--Estimated daily discharges: Oct. 7-8, July 2 - Aug. 11. Records fair.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Jan. 18	1830	24,500	17.01	Apr. 20	1145	11,300	13.61
Mar. 5	1815	*39,800	19.67	Aug. 26	2015	24,600	17.02
Mar. 18	1945	12,200	13.91				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	105	183	456	69	127	182	171	90	70	189	e99	162
2	97	95	3750	69	109	177	167	85	529	e126	e153	155
3	90	68	1040	69	103	175	160	79	669	e81	e108	141
4	96	63	250	65	2450	180	152	78	232	e99	e72	139
5	99	61	155	64	4200	18400	144	75	123	e85	e72	114
6	84	60	120	64	1060	3030	175	70	101	e72	e70	103
7	e74	58	99	64	484	961	147	66	121	e63	e63	95
8	e67	58	87	251	298	702	131	66	492	e56	e61	103
9	66	55	84	342	227	581	117	64	145	e56	e63	87
10	64	55	95	124	189	541	115	63	104	e56	e270	79
11	64	54	68	99	164	428	168	61	145	e58	e200	91
12	63	53	60	1460	148	364	110	76	259	e56	95	70
13	61	52	1620	590	2330	327	102	73	139	e56	215	63
14	59	51	1750	294	684	297	96	56	117	e65	89	60
15	60	49	254	172	1500	267	97	51	125	e540	66	64
16	57	49	153	141	581	238	95	50	106	e138	58	58
17	58	47	120	130	1300	222	103	48	98	e108	55	62
18	57	45	101	7610	587	3690	93	52	99	e85	54	203
19	56	47	85	2310	378	1770	85	55	96	e68	54	111
20	55	1110	73	606	312	548	2840	43	168	e72	54	65
21	55	154	69	332	298	414	586	53	104	e216	55	58
22	56	76	69	894	282	500	278	63	92	e900	57	689
23	66	59	246	1030	377	524	200	48	93	e180	60	280
24	66	52	132	261	240	341	204	54	96	e270	93	100
25	59	47	93	168	299	407	395	43	97	e180	99	76
26	92	45	86	134	258	374	151	65	94	e360	6640	198
27	273	44	83	1890	214	266	123	65	91	e90	2540	114
28	99	42	88	1150	203	230	110	170	89	e72	974	65
29	78	41	78	324	193	216	102	205	149	e126	389	54
30	77	463	75	225	---	208	103	91	2590	e108	243	48
31	74	---	70	164	---	186	---	70	---	e72	189	---
TOTAL	2427	3336	11509	21165	19595	36746	7520	2228	7433	4703	13310	3707
MEAN	78.3	111	371	683	676	1185	251	71.9	248	152	429	124
MAX	273	1110	3750	7610	4200	18400	2840	205	2590	900	6640	689
MIN	55	41	60	64	103	175	85	43	70	56	54	48
CFSM	.43	.62	2.06	3.79	3.75	6.59	1.39	.40	1.38	.84	2.39	.69
IN.	.50	.69	2.38	4.37	4.05	7.59	1.55	.46	1.54	.97	2.75	.77

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1992, BY WATER YEAR (WY)

MEAN	126	178	355	447	527	572	428	282	171	149	97.7	120
MAX	1169	1008	1771	2402	1605	2074	1539	1928	991	1110	429	697
(WY)	1986	1949	1972	1990	1987	1973	1983	1953	1989	1969	1992	1958
MIN	19.5	30.0	45.7	49.2	70.6	84.4	48.8	35.3	39.1	36.9	26.9	22.9
(WY)	1964	1970	1967	1981	1954	1955	1963	1963	1965	1960	1954	1952

SUMMARY STATISTICS FOR 1991 CALENDAR YEAR FOR 1992 WATER YEAR WATER YEARS 1942 - 1992

ANNUAL TOTAL	150869	133679	
ANNUAL MEAN	413	365	287
HIGHEST ANNUAL MEAN			552
LOWEST ANNUAL MEAN			79.9
HIGHEST DAILY MEAN	7620	18400	30700
LOWEST DAILY MEAN	41	41	16
ANNUAL SEVEN-DAY MINIMUM	47	47	18
INSTANTANEOUS PEAK FLOW		39800	65000
INSTANTANEOUS PEAK STAGE		19.67	22.30a
ANNUAL RUNOFF (CFSM)	2.30	2.03	1.60
ANNUAL RUNOFF (INCHES)	31.18	27.63	21.69
10 PERCENT EXCEEDS	1030	586	478
50 PERCENT EXCEEDS	120	102	84
90 PERCENT EXCEEDS	58	56	35

a From floodmark.

MISSISSIPPI RIVER DELTA

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30°53'20", long 90°50'40", in sec.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 and data-collection platform. 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.

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

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)
Jan. 20	0730	11,200	13.36	Feb. 16	0130	11,300	13.40
Feb. 6	1500	9,200	12.29	Mar. 6	1400	*26,900	*17.46

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	483	2040	457	465	1230	719	638	e460	398	1030	363	582
2	463	2110	1120	460	1000	689	615	e460	399	e870	386	527
3	449	1010	1610	457	859	667	598	e455	534	426	645	483
4	439	632	1620	453	1130	648	584	e445	580	399	482	451
5	428	526	1010	447	6870	6600	572	e435	515	381	470	434
6	415	483	699	445	8830	22500	570	e430	437	367	397	417
7	424	461	616	443	6430	14600	568	e425	424	359	364	407
8	395	446	574	686	2770	3940	556	e420	522	350	354	395
9	395	428	552	1670	1530	1740	548	e415	540	343	343	387
10	394	419	560	1330	1180	1370	539	e420	460	339	365	381
11	394	415	557	835	1000	1160	540	e425	420	335	418	389
12	391	411	542	1220	895	1010	540	e430	528	333	522	369
13	386	407	529	3130	1140	913	533	e420	476	329	743	358
14	385	404	780	2330	4230	837	530	e410	488	327	491	348
15	378	402	1430	1250	7200	784	527	400	508	336	399	344
16	372	401	961	879	8640	745	538	396	467	384	360	338
17	368	397	699	724	4920	709	533	388	441	400	343	346
18	367	389	619	1760	4000	758	533	386	406	492	334	370
19	367	389	569	9310	2470	4270	564	387	385	446	330	369
20	367	595	535	10000	1520	4980	931	382	379	372	328	357
21	367	765	513	5570	1180	2750	3610	382	373	387	325	344
22	367	696	504	2480	1010	1370	2570	391	362	921	339	502
23	371	581	527	6340	1040	1900	1090	393	352	1100	340	1430
24	388	508	614	4600	992	1740	723	389	348	1210	323	1220
25	384	468	627	2360	930	1220	625	383	349	765	321	577
26	375	446	550	1390	983	1180	573	396	463	648	1630	461
27	392	437	518	1430	921	973	552	418	384	500	5530	421
28	496	430	504	4540	824	835	e500	622	354	447	5250	399
29	405	426	496	3990	752	745	e480	634	347	522	3000	377
30	389	426	486	2290	---	693	e485	465	1050	401	1120	362
31	752	---	476	1560	---	663	---	418	---	371	708	---
TOTAL	12746	17948	21854	74844	76476	83708	22765	13280	13689	15890	27323	14145
MEAN	411	598	705	2414	2637	2700	759	428	456	513	881	471
MAX	752	2110	1620	10000	8830	22500	3610	634	1050	1210	5530	1430
MIN	367	389	457	443	752	648	480	382	347	327	321	338
CFSM	.71	1.03	1.22	4.16	4.55	4.66	1.31	.74	.79	.88	1.52	.81
IN.	.82	1.15	1.40	4.80	4.91	5.37	1.46	.85	.88	1.02	1.75	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1992, BY WATER YEAR (WY)

	MEAN	570	1101	1432	1820	1598	1482	1006	631	506	449	492
MAX	2964	2528	4106	6976	4793	5194	6032	4275	2915	2006	1491	2081
(WY)	1965	1958	1972	1990	1966	1980	1983	1953	1975	1989	1975	1975
MIN	197	225	263	339	363	413	346	257	264	261	218	220
(WY)	1964	1970	1967	1957	1970	1955	1963	1965	1969	1960	1954	1963

SUMMARY STATISTICS	FOR 1991 CALENDAR YEAR	FOR 1992 WATER YEAR	WATER YEARS 1951 - 1992
ANNUAL TOTAL	502738	394668	
ANNUAL MEAN	1377	1078	961
HIGHEST ANNUAL MEAN			1924
LOWEST ANNUAL MEAN			380
HIGHEST DAILY MEAN	16300	May 1	66400
LOWEST DAILY MEAN	367	Oct 18	188
ANNUAL SEVEN-DAY MINIMUM	368	Oct 17	190
INSTANTANEOUS PEAK FLOW		26900	104000
INSTANTANEOUS PEAK STAGE		17.46	22.05
INSTANTANEOUS LOW FLOW		317	188
INSTANTANEOUS LOW STAGE		2.82	2.78
ANNUAL RUNOFF (CFSM)	2.37	1.86	1.66
ANNUAL RUNOFF (INCHES)	32.24	25.31	22.52
10 PERCENT EXCEEDS	2770	1940	1660
50 PERCENT EXCEEDS	654	500	424
90 PERCENT EXCEEDS	415	364	254

* Occurred : Oct 15,16,17,18,1980.

e Estimated.

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
02431410 MANTACHIE CREEK BELOW DORSEY, MS

LOCATION.--Lat 34°13'40", Long 88°27'08", in NW4 sec 10, T.10 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on county road one mile west of Tombigbee River, 2.5 miles south of U.S. Highway 78, and 4 miles southwest of Dorsey, MS.

DRAINAGE AREA.--66.94 mi².

PERIOD OF RECORD.--Nov. 22, 1988 to present.

GAGE.--Water-stage recorder. Datum of gage is 245.82 ft above National Geodetic Vertical Datum of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Records fair, owing to periods of variable backwater. Hydrographs for Nov. 30 - Dec. 8, Mar. 9-16, are partly affected by backwater.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10,500 ft³/s, May 27, 1991, gage-height, 17.96 ft; minimum not determined.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge, 7,200 ft³/s, Dec. 1, 1991, gage-height, 16.25 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1989 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-30	1200	2.77	8	12-03	1900	13.51	b	03-10	2200	8.49	390a
11-30	2100	3.18	17	12-03	2200	13.03	b	03-10	2400	8.39	230a
11-30	2200	3.43	26	12-03	2400	12.67	b	03-11	0400	8.89	b
11-30	2300	3.84	44	12-04	0300	12.12	b	03-11	1100	9.30	b
11-30	2330	4.20	65	12-04	0500	11.74	b	03-11	1300	9.29	b
11-30	2400	4.76	110	12-04	0700	11.37	b	03-11	2000	8.89	b
12-01	0030	5.69	221	12-04	1000	10.81	b	03-12	0100	8.41	b
12-01	0100	6.85	648	12-04	1300	10.28	b	03-12	0500	8.00	b
12-01	0130	7.82	844	12-04	1600	9.79	b	03-12	1000	7.51	b
12-01	0200	8.61	1160	12-04	1900	9.34	b	03-12	1600	7.03	b
12-01	0230	9.28	1470	12-04	2200	8.90	b	03-13	0200	6.52	b
12-01	0300	9.88	1780	12-05	0200	8.37	b	03-13	1500	6.03	b
12-01	0330	10.30	2020	12-05	0600	7.89	b	03-14	0700	5.53	b
12-01	0400	10.63	2220	12-05	1100	7.42	b	03-14	2300	5.04	b
12-01	0600	11.11	2540	12-05	1800	6.95	b	03-15	1200	4.54	b
12-01	0730	11.58	2880	12-06	0500	6.44	b	03-15	2400	4.06	b
12-01	0800	11.90	3120	12-06	2300	5.95	b	03-16	2400	3.64	b
12-01	0830	12.24	3400a	12-07	1900	5.46	b				
12-01	0900	12.54	3600a	12-08	1100	4.99	b	07-29	1800	2.47	15
12-01	1000	13.03	4000a	12-08	2400	4.64	b	07-29	1900	2.93	30
12-01	1100	13.54	4400a					07-29	1930	3.33	50
12-01	1130	13.91	4800a	03-09	1800	2.62	30	07-29	2000	3.82	83
12-01	1200	14.36	5200a	03-09	1945	3.11	55	07-29	2015	4.30	126
12-01	1230	14.83	5700a	03-09	2000	3.60	89	07-29	2030	4.62	161
12-01	1300	15.25	6200a	03-09	2030	4.48	181	07-29	2045	4.94	203
12-01	1400	15.72	6800a	03-09	2100	5.07	268	07-29	2100	5.26	250
12-01	1600	16.09	7100a	03-09	2130	5.44	334	07-29	2115	5.58	304
12-01	1800	16.25	7200a	03-09	2300	5.83	413	07-29	2130	5.88	361
12-01	2000	16.24	7000a	03-10	0030	6.26	501	07-29	2145	6.18	422
12-02	0100	16.08	6300a	03-10	0100	7.13	695	07-29	2200	6.45	481
12-02	0300	15.56	5400a	03-10	0130	8.83	1260	07-29	2230	6.92	597
12-02	0400	15.10	4700a	03-10	0200	10.40	2080	07-29	2300	7.28	695
12-02	0500	14.45	3800a	03-10	0230	11.55	2860	07-29	2345	7.62	800
12-02	0600	13.76	2800a	03-10	0300	12.55	3660	07-30	0045	7.76	844
12-02	0700	13.19	2100a	03-10	0330	13.39	4440	07-30	0145	7.67	813
12-02	0800	12.91	1600a	03-10	0400	14.01	5080	07-30	0315	7.25	686
12-02	1000	13.36	1200a	03-10	0500	14.26	5350	07-30	0430	6.78	559
12-02	1100	13.97	b	03-10	0530	15.21	6480	07-30	0530	6.35	458
12-02	1200	14.76	b	03-10	0800	14.77	5940	07-30	0630	5.92	369
12-02	1300	15.35	b	03-10	0900	14.27	5360	07-30	0745	5.43	278
12-02	1400	15.70	b	03-10	1000	13.69	4700a	07-30	0900	5.00	211
12-02	1600	16.00	b	03-10	1100	13.02	3900a	07-30	1045	4.51	149
12-02	1900	15.95	b	03-10	1200	12.45	3300a	07-30	1300	4.04	101
12-02	2300	16.23	b	03-10	1300	11.99	2900a	07-30	1615	3.57	65
12-03	0200	16.15	b	03-10	1400	11.66	2600a	07-30	2200	3.08	37
12-03	0500	15.77	b	03-10	1500	11.35	2300a	07-31	1000	2.67	21
12-03	0800	15.28	b	03-10	1600	10.98	2000a	07-31	2400	2.52	16
12-03	1100	14.73	b	03-10	1700	10.53	1700a				
12-03	1400	14.23	b	03-10	1800	9.99	1300a				
12-03	1600	13.95	b	03-10	1900	9.41	910a				
				03-10	2000	8.97	670a				

a--discharge adjusted due to effect of partial backwater
b--discharge not determined due to excessive backwater

Flood hydrograph partial-record stations

MOBILE RIVER BASIN

02437000 TOMBIGBEE RIVER NEAR AMORY, MS

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

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

PERIOD OF RECORD.--October 1937 to September 1985. October 1985 to September 1987 (high-water records only). 1988-Current year (flood hydrograph only). Monthly discharge only for October and November 1937, published in WSP 1304. 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 02437500), 20 mi downstream, was used as an auxiliary gage for this station 1950-58.

REMARKS.--Records fair, except for periods of missing record, Aug. 15 - Sept. 9, 11-30, which are poor. Some regulation by Tennessee-Tombigbee Waterway. National Weather Service 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 20,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage Height (ft)	Date	Time	Discharge (ft ³ /s)	Gage Height (ft)
Dec. 3	1730	*110,000	*32.44	Mar. 10	2230	22,200	22.31

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1992 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-01	1200	20.12	16,500	03-09	2400	12.17	2,670	04-20	1600	16.00	7,880
12-01	2400	24.52	29,000	03-10	0400	16.14	8,120	04-20	2000	18.13	11,900
12-02	1200	27.80	41,600	03-10	0800	19.20	14,300	04-20	2400	18.45	12,600
12-02	2400	29.88	62,800	03-10	1200	20.84	18,300	04-21	0400	17.69	11,000
12-03	0400	30.73	75,600	03-10	1600	21.78	20,800	04-21	0800	16.78	9,270
12-03	0800	31.54	90,500	03-10	2000	22.20	21,900	04-21	1200	15.83	7,590
12-03	1200	32.12	102,000	03-10	2400	22.29	22,200	04-21	1600	14.75	5,880
12-03	1600	32.39	108,000	03-11	0400	21.97	21,300	04-21	2000	13.83	4,600
12-03	1730	32.44	110,000	03-11	0800	21.11	19,000	04-21	2400	13.21	3,820
12-03	2000	32.33	107,000	03-11	1200	19.90	15,900	04-22	1200	13.10	3,690
12-03	2400	32.24	105,000	03-11	1600	18.78	13,300	04-22	2400	12.69	3,220
12-04	1200	30.72	75,500	03-11	2000	18.33	12,400				
12-04	2400	28.56	47,300	03-11	2400	18.75	13,300				
12-05	1200	26.35	35,400	03-12	0400	19.60	15,200				
12-05	2400	23.99	27,300	03-12	0800	20.37	17,100				
12-06	1200	21.53	20,100	03-12	1200	21.02	18,700				
12-06	2400	19.17	14,200	03-12	1600	21.31	19,500				
12-07	1200	17.54	10,700	03-12	2000	21.40	19,700				
12-07	2400	16.36	8,510	03-12	2400	21.43	19,800				
12-08	1200	15.45	6,970	03-13	0400	20.96	18,600				
12-08	2400	14.83	6,000	03-13	0800	20.25	16,800				
				03-13	1200	19.57	15,100				
				03-13	1600	19.00	13,800				
				03-13	2000	18.32	12,300				
				03-13	2400	17.44	10,500				
				03-14	1200	16.19	8,210				
				03-14	2400	15.01	6,280				
				03-15	1200	14.25	5,170				
				03-15	2400	13.59	4,290				
				03-16	1200	12.80	3,340				
				03-16	2400	12.39	2,900				

MOBILE RIVER BASIN

02441000 TIBBEE CREEK NEAR TIBBEE, MS

DRAINAGE AREA.--926 mi².

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

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

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

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)
Dec. 4	1245	*34.300	*25.91	No other peak greater than base			

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1992 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-02	0400	9.73	1000	02-14	1200	9.33	393	04-20	1200	9.53	531
12-02	1200	13.95	3100	02-14	2400	9.43	458	04-20	2400	12.90	2150
12-02	2400	15.67	4620	02-15	1200	13.80	2570	04-21	1200	12.89	2150
12-03	0400	16.59	5450	02-15	2400	16.09	3770	04-21	2400	12.88	2140
12-03	0800	17.76	6550	02-16	0400	16.10	4270	04-22	0400	13.08	2230
12-03	1200	19.78	9200	02-16	0800	17.81	4860	04-22	0800	13.30	2330
12-03	1600	22.04	18500	02-16	1200	18.71	5490	04-22	1200	13.56	2450
12-03	2000	23.37	27500	02-16	1600	19.47	6050	04-22	1600	13.85	2590
12-03	2400	25.00	33700	02-16	2000	20.00	6470	04-22	2000	14.17	2750
12-04	0400	25.68	33400	02-16	2400	20.26	6670	04-22	2400	14.64	2980
12-04	0800	25.87	29800	02-17	0400	20.28	6690	04-23	0400	14.92	3130
12-04	0945	25.91	28100	02-17	0800	20.24	6660	04-23	0800	15.13	3240
12-04	1200	25.88	25400	02-17	1200	20.03	6490	04-23	1200	15.21	3280
12-04	1245	25.91	34300	02-17	1600	19.77	6280	04-23	1600	15.18	3260
12-04	1600	25.78	23700	02-17	2000	19.42	6010	04-23	2000	15.11	3230
12-04	2000	25.62	21800	02-17	2400	18.97	5680	04-23	2400	14.97	3150
12-04	2400	25.38	19500	02-18	0400	18.43	5290	04-24	1200	14.19	2760
12-05	0400	25.12	17300	02-18	0800	17.80	4850	04-24	2400	11.18	1450
12-05	0800	24.84	15200	02-18	1200	17.02	4340	04-25	1200	9.41	444
12-05	1200	24.51	13500	02-18	1600	16.14	3800	04-25	2400	9.47	487
12-05	1600	24.18	12300	02-18	2000	15.13	3240				
12-05	2000	23.85	11300	02-18	2400	14.22	2770				
12-05	2400	23.52	10300	02-19	1200	11.09	1410				
12-06	0400	23.14	9500	02-19	2400	10.17	910				
12-06	0800	22.75	8700	02-20	1200	9.89	748				
12-06	1200	22.25	7960	02-20	2400	9.71	648				
12-06	1600	21.70	7440	02-21	1200	9.56	549				
12-06	2000	21.00	6890								
12-06	2400	20.22	6290								
12-07	0400	19.41	5700								
12-07	0800	18.58	5120								
12-07	1200	17.72	4560								
12-07	1600	16.83	4020								
12-07	2000	15.89	3490								
12-07	2400	14.92	2990								
12-08	1200	12.13	1760								
12-08	2400	10.64	1210								
12-09	1200	10.40	1140								

Flood hydrograph partial-record stations

PEARL RIVER BASIN

02485800 EUBANKS CREEK AT JACKSON, MS

LOCATION.--Lat 32°21'00", long 90°09'50", in NW4NE4 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 1988 water 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.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,310 ft³/s, Aug. 26, gage height 9.16 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1992 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-02	0330	4.03	17	02-13	0415	4.16	27	08-05	2030	5.35	204
12-02	0345	4.61	75	02-13	0430	6.35	438	08-05	2045	4.92	122
12-02	0400	6.05	362	02-13	0445	7.36	726	08-05	2100	4.59	72
12-02	0415	6.99	615	02-13	0500	7.37	729	08-05	2115	4.34	43
12-02	0430	6.90	589	02-13	0515	7.19	674	08-05	2130	4.13	24
12-02	0445	6.73	541	02-13	0530	6.90	589				
12-02	0500	6.44	462	02-13	0545	6.53	486	08-26	1915	4.50	61
12-02	0515	6.07	367	02-13	0600	6.15	387	08-26	1930	5.76	293
12-02	0530	5.71	282	02-13	0615	5.76	293	08-26	1945	6.42	457
12-02	0545	5.37	208	02-13	0630	5.39	212	08-26	2000	7.66	819
12-02	0600	5.08	151	02-13	0645	5.11	156	08-26	2015	9.03	1,260
12-02	0630	5.60	257	02-13	0700	4.90	119	08-26	2030	9.16	1,310
12-02	0700	5.51	237	02-13	0715	4.72	90	08-26	2045	8.55	1,100
12-02	0730	5.42	218	02-13	0730	4.57	70	08-26	2100	8.43	1,070
12-02	0800	4.99	134	02-13	0745	4.44	54	08-26	2115	8.00	930
12-02	0830	4.58	71	02-13	0800	4.33	42	08-26	2130	7.41	741
12-02	0900	4.29	38	02-13	0815	4.23	33	08-26	2145	6.93	598
				02-13	0830	4.13	24	08-26	2200	6.44	462
				02-13	0845	4.05	19	08-26	2215	6.04	360
01-12	0730	4.22	32					08-26	2230	5.77	295
01-12	0745	5.22	178					08-26	2245	5.85	314
01-12	0800	5.54	244	06-30	0515	4.29	38	08-26	2300	6.29	423
01-12	0815	6.11	377	06-30	0530	5.10	154	08-26	2315	7.00	618
01-12	0830	6.88	583	06-30	0545	6.74	544	08-26	2330	7.44	750
01-12	0845	7.05	633	06-30	0600	7.25	692	08-26	2345	7.95	913
01-12	0900	6.93	598	06-30	0615	7.05	633	08-26	2400	8.27	1,010
01-12	0915	6.78	555	06-30	0630	6.75	547				
01-12	0930	6.67	524	06-30	0645	6.39	449				
01-12	0945	6.41	454	06-30	0700	6.00	350	08-27	0015	8.23	1,000
01-12	1000	6.11	377	06-30	0715	5.59	255	08-27	0030	8.29	1,020
01-12	1015	5.85	314	06-30	0730	5.27	187	08-27	0045	8.10	961
01-12	1030	5.57	250	06-30	0745	5.09	153	08-27	0100	7.85	881
01-12	1045	5.35	204	06-30	0800	4.94	125	08-27	0115	7.42	744
01-12	1100	5.15	164	06-30	0815	4.74	93	08-27	0130	6.94	601
01-12	1115	4.95	127	06-30	0830	4.57	70	08-27	0145	6.47	470
01-12	1130	4.78	99	06-30	0845	4.43	53	08-27	0200	6.08	370
01-12	1145	4.62	76	06-30	0900	4.30	39	08-27	0215	5.80	302
01-12	1200	4.49	60	06-30	0930	4.05	19	08-27	0230	5.56	248
01-12	1215	4.35	44					08-27	0245	5.41	216
01-12	1230	4.24	34	08-05	1915	6.37	443	08-27	0300	5.30	193
01-12	1245	4.13	24	08-05	1930	7.87	887	08-27	0330	4.98	132
01-12	1300	4.03	17	08-05	1945	7.49	766	08-27	0400	4.62	76
				08-05	2000	6.53	486	08-27	0430	4.33	42
				08-05	2015	5.89	323	08-27	0500	4.10	22

Flood hydrograph partial-record stations

PEARL RIVER BASIN

02485950 TOWN CREEK AT JACKSON, MS

LOCATION.--Lat 32°18'14", long 90°11'32", in NW4SW4 sec.3, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at bridge on Gallatin street in Jackson, 300 ft upstream of Illinois Central Railroad and 2.5 mi upstream from mouth.

DRAINAGE AREA.--11.4 mi².

PERIOD OF RECORD.--August 1954 to current year (Annual peaks only prior to 1989 water year).

GAGE.--Water-stage recorder. Datum of gage is 260.72 ft above National Geodetic Vertical Datum of 1929. Prior to Mar. 2, 1988, at datum 2.00 ft higher.

REMARKS.--Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,480 ft³/s, Apr. 14, 1983, maximum gage height, 13.00 ft present datum, Apr. 4, 1977.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1921, maximum discharge, 6,000 ft³/s, gage height, 19.00 ft (but may have been at different datum).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,020 ft³/s, Aug. 27, gage height, 7.85 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1992 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-20	0015	3.96	587	01-12	0800	3.02	335	06-30	0730	4.81	851
11-20	0030	4.85	684	01-12	0815	3.64	496	06-30	0745	4.43	729
11-20	0045	5.16	969	01-12	0830	4.83	858	06-30	0800	4.12	635
11-20	0100	5.31	1,020	01-12	0845	5.48	1,080	06-30	0815	3.92	576
11-20	0115	5.56	1,110	01-12	0900	5.90	1,230	06-30	0830	3.70	513
11-20	0130	5.66	1,140	01-12	0915	6.10	1,310	06-30	0845	3.34	416
11-20	0145	5.63	1,130	01-12	0930	6.13	1,320	06-30	0900	3.20	380
11-20	0200	5.72	1,170	01-12	0945	5.99	1,270	06-30	0915	3.02	335
11-20	0215	5.58	1,120	01-12	1000	5.82	1,200				
11-20	0230	5.24	996	01-12	1015	5.59	1,120	08-26	1915	3.86	558
11-20	0245	5.02	921	01-12	1030	5.11	952	08-26	1930	5.08	941
11-20	0300	4.67	806	01-12	1045	5.16	969	08-26	1945	5.92	1,240
11-20	0315	4.47	742	01-12	1100	4.77	838	08-26	2000	6.41	1,430
11-20	0330	4.25	674	01-12	1115	4.53	761	08-26	2015	6.66	1,520
11-20	0345	4.04	611	01-12	1130	4.25	674	08-26	2030	6.96	1,640
11-20	0400	3.91	573	01-12	1145	3.92	576	08-26	2045	7.33	1,800
11-20	0415	3.68	507	01-12	1200	3.77	533	08-26	2100	7.17	1,730
11-20	0430	3.47	450	01-12	1215	3.59	483	08-26	2115	7.11	1,700
11-20	0445	3.34	416	01-12	1230	3.45	445	08-26	2130	6.97	1,650
11-20	0500	3.15	367	01-12	1245	3.27	398	08-26	2145	6.73	1,550
11-20	0515	3.13	362	01-12	1300	3.03	337	08-26	2200	6.42	1,430
								08-26	2215	6.24	1,360
12-02	0345	3.29	403	03-05	0400	3.60	485	08-26	2230	6.18	1,340
12-02	0400	4.21	662	03-05	0415	4.35	705	08-26	2245	6.48	1,450
12-02	0415	4.91	884	03-05	0430	5.03	925	08-26	2300	6.75	1,560
12-02	0430	5.10	948	03-05	0445	5.42	1,060	08-26	2315	6.97	1,650
12-02	0445	5.43	1,060	03-05	0500	5.66	1,140	08-26	2330	7.35	1,800
12-02	0500	5.23	993	03-05	0515	5.80	1,200	08-26	2345	7.50	1,870
12-02	0515	5.16	969	03-05	0530	5.53	1,100	08-26	2400	7.74	1,970
12-02	0530	4.89	878	03-05	0545	5.28	1,010				
12-02	0545	4.71	819	03-05	0600	5.04	928	08-27	0015	7.85	2,020
12-02	0600	4.33	698	03-05	0615	4.80	848	08-27	0030	7.71	1,960
12-02	0615	4.39	717	03-05	0630	4.48	745	08-27	0045	7.61	1,910
12-02	0630	4.34	701	03-05	0645	4.32	695	08-27	0100	7.33	1,800
12-02	0645	4.31	692	03-05	0700	3.94	581	08-27	0115	7.02	1,670
12-02	0700	4.11	632	03-05	0715	3.70	513	08-27	0130	6.67	1,530
12-02	0715	4.11	632	03-05	0730	3.52	464	08-27	0145	6.39	1,420
12-02	0730	4.01	602	03-05	0745	3.37	424	08-27	0200	6.09	1,300
12-02	0745	3.86	558	03-05	0800	3.25	392	08-27	0215	5.91	1,240
12-02	0800	3.71	516	03-05	0815	3.04	340	08-27	0230	5.54	1,100
12-02	0815	3.56	474					08-27	0245	5.16	969
12-02	0830	3.36	421	06-30	0545	3.08	350	08-27	0300	5.07	938
12-02	0845	3.16	370	06-30	0600	3.49	455	08-27	0315	4.80	848
				06-30	0615	4.09	626	08-27	0330	4.42	726
				06-30	0630	4.68	809	08-27	0400	4.00	599
				06-30	0645	4.85	864	08-27	0430	3.46	447
				06-30	0700	4.99	911	08-27	0500	3.10	355
				06-30	0715	4.92	888				

Flood hydrograph partial-record stations

PEARL RIVER BASIN

02486100 LYNCH CREEK AT JACKSON, MS

LOCATION.--Lat 32°17'04", long 90°12'52", in SW4SE4 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 1988 water 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, 2,120 ft³/s, Aug. 27, gage height, 11.33 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1992 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
11-20	0015	6.77	828	01-12	1400	5.49	559	06-11	2215	5.90	640
11-20	0030	8.51	1,260	01-12	1430	5.11	488	06-11	2230	5.32	527
11-20	0045	9.06	1,420	01-12	1500	4.80	433	06-11	2300	4.47	377
11-20	0100	9.11	1,430	01-12	1600	4.30	350	06-11	2330	3.96	289
11-20	0115	8.95	1,380					06-11	2400	3.63	250
11-20	0130	9.27	1,480	03-05	0330	3.36	214				
11-20	0145	9.65	1,590	03-05	0345	4.87	445	08-26	2000	3.37	216
11-20	0200	9.80	1,630	03-05	0400	6.90	858	08-26	2015	3.96	298
11-20	0215	9.74	1,610	03-05	0415	8.24	1,190	08-26	2030	5.17	499
11-20	0230	9.47	1,530	03-05	0430	8.93	1,380	08-26	2045	6.58	785
11-20	0245	9.07	1,420	03-05	0445	9.30	1,480	08-26	2100	7.62	1,030
11-20	0300	8.64	1,300	03-05	0500	9.54	1,550	08-26	2115	8.25	1,190
11-20	0315	8.29	1,200	03-05	0515	9.75	1,620	08-26	2130	8.64	1,300
11-20	0330	8.03	1,130	03-05	0530	9.84	1,640	08-26	2200	9.20	1,460
11-20	0345	7.76	1,070	03-05	0545	9.79	1,630	08-26	2230	9.30	1,480
11-20	0400	7.51	1,000	03-05	0600	9.55	1,560	08-26	2300	8.96	1,390
11-20	0430	6.91	860	03-05	0615	9.24	1,470	08-26	2330	8.32	1,210
11-20	0500	6.39	744	03-05	0630	8.83	1,358	08-26	2400	8.99	1,400
11-20	0530	6.12	686	03-05	0645	8.42	1,240				
11-20	0600	6.06	673	03-05	0700	8.01	1,130	08-27	0015	9.56	1,560
				03-05	0715	7.60	1,030	08-27	0030	10.04	1,710
01-12	0745	3.91	290	03-05	0730	7.17	921	08-27	0045	10.41	1,820
01-12	0800	4.78	429	03-05	0745	6.75	823	08-27	0100	10.79	1,940
01-12	0815	5.88	636	03-05	0800	6.37	739	08-27	0115	11.09	2,040
01-12	0830	7.44	986	03-05	0830	5.72	604	08-27	0130	11.30	2,110
01-12	0845	8.88	1,360	03-05	0900	5.32	510	08-27	0145	11.33	2,120
01-12	0900	9.97	1,680	03-05	0930	4.85	441	08-27	0200	11.18	2,070
01-12	0915	10.68	1,910	03-05	1000	4.53	387	08-27	0215	11.04	2,020
01-12	0930	11.06	2,030	03-05	1030	4.26	343	08-27	0230	10.74	1,930
01-12	0945	11.22	2,080	03-05	1100	4.03	308	08-27	0245	10.32	1,790
01-12	1000	11.23	2,090					08-27	0300	9.88	1,660
01-12	1015	11.12	2,050	06-11	1830	2.65	131	08-27	0315	9.41	1,520
01-12	1030	10.84	1,960	06-11	1845	3.22	197	08-27	0330	8.93	1,380
01-12	1045	10.48	1,840	06-11	1900	5.81	622	08-27	0345	8.46	1,250
01-12	1100	10.06	1,710	06-11	1915	9.01	1,400	08-27	0400	8.01	1,130
01-12	1115	9.60	1,570	06-11	1930	9.76	1,620	08-27	0415	7.56	1,020
01-12	1130	9.12	1,430	06-11	1945	9.82	1,640	08-27	0430	7.11	907
01-12	1145	8.63	1,290	06-11	2000	9.54	1,550	08-27	0445	6.65	801
01-12	1200	8.23	1,190	06-11	2015	9.10	1,430	08-27	0500	6.27	718
01-12	1215	7.78	1,070	06-11	2030	8.86	1,360	08-27	0530	5.69	598
01-12	1230	7.35	964	06-11	2045	8.77	1,330	08-27	0600	5.23	510
01-12	1245	6.96	872	06-11	2100	8.68	1,310	08-27	0700	4.61	400
01-12	1300	6.59	787	06-11	2115	8.35	1,220	08-27	0800	4.17	329
01-12	1315	6.27	718	06-11	2130	7.87	1,090	08-27	1000	3.97	299
01-12	1330	5.99	659	06-11	2145	7.25	940				
01-12	1345	5.72	604	06-11	2200	6.57	783				

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 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
MOBILE RIVER BASIN								
Town Creek at Tupelo, MS (02434000)	Lat 34°17'39", long 88°42'32", SW4SE4 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 Drainage area is 111 mi ² .	1944-46†, 1952-70†, 1971-92	12-01-91	24.52	16,700	3-21-55	27.72	23,000
Coonewah Creek at Shannon, MS (02435800)	Lat 34°08'17", long 88°43'08", in SE4 sec. 12, T.11 S., R. 5 E., Chickasaw Meridain, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 1.0 mi north of Shannon and 4.5 mi upstream from mouth. Drainage area is 53.1 mi ² .	1953-92	12-01-91	17.53	(†)	4-11-62	19.57	22,400
Chiwapa Creek at Shannon, MS (02436000)	Lat 34°06'35", long 88°43'20", in SE4 sec. 24, T.11 S., R. 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. Drainage area is 145 m ² .	1952-67†, 1968-92	12-01-91	13.93	24,100	3-21-55	15.72	35,500
Mattubby Creek near Aberdeen, MS (02437300)	Lat 33°52'13", long 88°35'46", in SE4SE4 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. Drainage area is 92.2 mi ² .	1937, 1952-92	12-03-91	93.35	9,650	12-21-90	95.27	14,600
Nichols Creek tributary near Quincy, MS (02437550)	Lat 33°54'20", long 88°21'05", in SE4 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. Drainage area is 0.54 mi ² .	1967-92	12-02-91	6.12	208	5-27-91	7.10	340
James Creek at Aberdeen, MS (02437600)	Lat 38°48'48", long 88°33'59", in SW4SE4 SEC.33, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, at bridge on State Highway 25, 0.4 mi south- west of Aberdeen. Drainage area is 28.4 mi ² .	1964-68†, 1969-92	12-02-91	24.13	5,140	10-22-84	15.21	6,970
Chuquatonchee Creek near Okolona, MS (02439980)	Lat 34°00'05", long 88°53'00", in NE4 sec. 33, T.12 R.4 E., Chickasaw Meridian, Chicka- saw County, Hydrologic Unit 03160104, at bridge on State Highway 32, 7.5 mi west of Okolona. Drainage area is 68.6 mi ² (revised).	1963-68, 1969-80, 1984-86, 1988-92	12-02-91	13.71	2,810	3-16-73	16.93	15,000
Chuquatonchee Creek near Egypt, MS (02440000)	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. Drainage area is 167 mi ² .	1952-73†, 1974-92	12-03-91	13.78	8,710	3-16-73	16.61	36,300

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Annual maximum discharge at crest-stage partial-record stations during water year 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
MOBILE RIVER BASIN--Continued								
Houlka Creek near McCondy, MS (02440400)	Lat 33°47'05", long 88°51'15", in SE4SW4 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. Drainage area is 189 mi ² .	1963-68†, 1969-92	12-03-91	14.55	9,140	3-16-73	18.65	40,000
Chuquatonchee Creek near West Point, MS (02440500)	Lat 33°36'25", long 88°42'30", on line between secs. 7 and 18, T.17 S., R.6 E., Chidkasaw Meridian, Clay County, Hydrologic Unit 03160104, at bridge on State Highway 50, 3.0 mi west of West Point. Drainage area is 505 mi ² .	1944-73†, 1974-92	12-03-91	18.80	15,600	3-17-73	24.58	57,100
Line Creek near Maben, MS (02440600)	Lat 33°39'17", long 89°03'41", in S4 sec.26 T.16 S., R.2 E., Chickasaw Meridian, Webster County, Hydrologic Unit 03160104, at bridge on State Highway 15, 1,000 ft below Gulf, Mobile, and Ohio Railroad, and 7.0 mi north of Maben. Drainage area is 4.76 mi ² .	1952-92	12-02-91	22.43	2,630	12-03-83	28.33	7,540
Trim Cane Creek near Starkville MS (02440800)	Lat 33°28'08", long 88°54'30", in W4 sec.25, T.19 N., R.13 E., Choctaw Meridian, Oktib-beha 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. Drainage area is 44.9 mi ² .	1952-92	12-02-91	<16.49	(†)	5-19-83	28.10	9,980
Sand Creek trib-utary near Mayhew, MS (02441220)	Lat 33°28'37", long 88°43'23", on line between SW4 sec.17 and NW4 sec.34, T.19N., R.15 E., Choctaw Meridian, Oktib-beha County, Hydrologic Unit 03160104, on U.S. Highway 82, 3.7 mi west of Mayhew. Drainage area is 0.44 mi ² .	1966-92	6-11-92	4.84	118	4-27-84	8.75	395
Catalpa Creek at Mayhew, MS (02441300)	Lat 33°28'53", long 88°37'42", in NEMSW4 sec.28, T.19 N., R.15 E., Choctaw Meridian Oktibbeha County, Hydrologic Unit 03160104, at bridge on U.S. Highway 82, 0.5 mi east of Mayhew. Drainage area is 98.0 mi ² .	1963-68†, 1969-92	4-20-92	17.59	7,290	4-13-79	21.52	19,800
Luxapallila Creek at Steens, MS (02443000)	Lat 33°33'35", long 88°18'55", in NE4 sec.27, T.17 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on county hwy 0.2 mi southeast of Steens. Drainage area is 309 mi ² .	1944-47†, 1950-77†, 1978-92	12-02-91	<14.16	<3,430	1-06-49	19.20	16,000
Flat Scooba Creek tribu-tary near Scooba, MS (02448620)	Lat 32°50'27", long 88°28'08", in SE4 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. Drainage area is 0.44 mi ² .	1967-92	2-15-92	5.90	175	4-12-79	8.87	427
PASCAGOULA RIVER BASIN								
Leaf River near Raleigh, MS (02471100)	Lat 32°00'47", long 89°25'58", in SEMSE4 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. Drainage area is 143 mi ² .	1940-43c, 1957-92	2-17-92	16.70	2,480	4-13-74	28.17	17,000

Annual maximum discharge at crest-stage partial-record stations during water year 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
PASCAGOULA RIVER BASIN								
Leaf River at Taylorsville, MS (02471250)	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. Drainage area is 459 mi ² .	1968-92	12-02-91	42.40	7,870	4-14-74	57.44	37,600
Oakohay Creek at Mize, MS (02471500)	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. Drainage area is 185 mi ² .	1943-49†, 1968-92	8-27-92	12.65	5,600	4-13-74	17.26	28,900
Bouie Creek near Sanford, MS (02472420)	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. Drainage area is 262 mi ² .	1968-92	1-23-92	17.85	3,820	4-13-74	32.22	a32,000
Gordon Creek at Hattiesburg, MS (02473047)	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. Drainage area is 8.83 mi ² .	1969-92	4-22-92	8.92	1,010	4-06-83	16.89	6,920
Tallahattah Creek near Waldrup, MS (02473480)	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. Drainage area is 30.4 mi ² .	1965-70†, 1971-92	3-19-92	14.65	1,510	3-03-79	17.20	7,200
Tallahoma Creek tributary at Lake Como, MS (02473850)	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. Drainage area is 3.21 mi ² .	1966-92	1-19-92	6.18	(†)	4-12-74	9.34	1,780
Buck Creek near Runnelstown, MS (02474650)	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. Drainage area is 20.8 mi ² .	1951-92	1-09-92	6.63	840	4-03-79	17.93	5,700
Waterfall Branch near McLain, MS (02475050)	Lat 31°07'08", long 88°45'28", in SW¼NE¼SE¼ 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. Drainage area is 0.65 mi ² .	1955-92	2-17-92	4.20	93	6-01-59	11.71	764
Souenlovie Creek near Baxter, MS (02477050)	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. Drainage area is 1.14 mi ² .	1965-92	12-03-91	5.07	150	4-18-73	12.56	1,050

Annual maximum discharge at crest-stage partial-record stations during water year 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
PASCAGOULA RIVER BASIN--Continued								
Shubuta Creek near Shubuta, MS (02477330)	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. Drainage area is 75.5 mi ² .	1963-92	1-23-92	15.80	1990	4-25-73	24.88	12,700
TCHOUTACABOUFFA RIVER BASIN								
Tuxachanie Creek near Biloxi, MS (02480500)	Lat 30°30'35", long 88°54'40", in SE¼ 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. Drainage area is 92.4 mi ² .	1952-71+, 1972-92	2-17-92	14.70	3,780	8-15-87	23.63	19,600
BILOXI RIVER BASIN								
Biloxi River near Lyman, MS (02481130)	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 downstream side of left pier of bridge on county highway, 1.2 mi downstream from Little Biloxi River, 4.6 mi east of Lyman. Drainage area is 251 mi ² .	1965-92	2-17-92	19.36	15,700	9-24-85	19.78	22,500
PEARL RIVER BASIN								
Yockanookany River tributary near McCool, MS (02483890)	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. Drainage area is 0.34 mi ² .	1965-92	12-03-91	<3.17	<62	2-20-91	7.73	540
Coffee Bogue at Ludlow, MS (02484600)	Lat 32°34'25", long 89°43'48", in NW¼ of line between sec.1 and sec.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. Drainage area is 77.0 mi ² .	1975-92	8-27-92	12.60	996	4-07-83	15.36	7,900
Red Cane Creek tributary near Pisgah, MS (02484750)	Lat 32°28'05", long 89°47'55", on line between NE¼ sec.8 and NW¼ sec.9, Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, at circular culvert on State Highway 43, 4.1 mi east of Pisgah. Drainage area is 0.10 mi ² .	1965-92	8-27-92	4.34	54	4-06-83	6.98	134
Fannegusha Creek near Sand Hill, MS (02484760)	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. Drainage area is 52.3 mi ² .	1971-92	8-27-92	12.04	5,500	4-12-80	13.35	9,000
Purple Creek at Jackson, MS (02485650)	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. Drainage area is 6.12 mi ² .	1952-92	8-27-92	7.73	699	4-29-53	99.92	2,890

Annual maximum discharge at crest-stage partial-record stations during water year 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
PEARL RIVER BASIN--Continued								
Three Mile Creek at Jackson, MS (02486115)	Lat 32°16'15", long 90°13'00", in NW4SE4 sec. 17, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at old U.S. Highway 51 (Terry Road), 0.6 mi above Illinois Central Rail Railroad. Drainage area is 1.05 mi ² .	1962-92	6-29-92	8.21	470	8-30-74	31.52	1,720
Strong River near Puckett, MS (02487300)	Lat 32°03'48", long 89°44'50", in SE4SE4 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. Drainage area is 248 mi ² .	1955-92	8-28-92	23.25	6,920	4-07-83	26.47	18,600
Strong River at D'Lo, MS (02487500)	Lat 31°58'40", long 89°53'53", in SW4 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. Drainage area is 425 mi ² .	1928-71+, 1972-92	8-28-92	18.41	4,890	4-07-83	33.48	26,400
Copiah Creek near Hazlehurst, MS (02487900)	Lat 31°53'23", long 90°17'10", in SW4SE4 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. Drainage area is 47.4 mi ² .	1948-65, 1966-68+, 1969-92	8-28-92	17.99	5,250	4-12-80	25.11	32,000
Elmers Draw near Columbia, MS (02489030)	Lat 31°11'58", long 89°57'57", in SE4SE4NW4 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. Drainage area is 0.91 mi ² .	1955-92	2-14-92	6.29	280	4-06-83	16.22	1,620
West Hobolochitto Creek near McNeill, MS (02492360)	Lat 30°39'42", long 89°41'10", in NW4NE4 sec. 34, T.4 S., R. 17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 031800004, at bridge on county road, 3.1 mi west of McNeill. Drainage area is 175 mi ² .	1966-68+, 1969-92	2-17-92	17.16	4,590	4-07-83	23.25	18,000
YAZOO RIVER BASIN								
Hell Creek near New Albany, MS (07267000)	Lat 34°30'55", long 89°03'10", in SW4 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 north- west of New Albany, and 4.5 mi above mouth. Drainage area is 27.3 mi ² .	1939-42+, 1952-92	3-09-92	12.83	7,600	12-26-82	13.50	8,420
Cypress Creek near Etta, MS (07268500)	Lat 34°26'30", long 89°17'25", in SEF14 sec. 27, T.7 S., R. 1 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, at bridge on State Highway 30, 4.5 mi south- west of Etta, and 5.0 mi above mouth. Prior to Oct. 1, 1964, at datum 10.00 ft higher. Drain- age area is 28.5 mi ² .	1939-42+, 1952-92	12-02-91	<19.41	<10,000	5-19-83	19.94	11,300

Annual maximum discharge at crest-stage partial-record stations during water year 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
YAZOO RIVER BASIN--Continued								
North Tippah Creek near Ripley, MS (07269000)	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 up- stream from Tippah Creek, and 5.5 mi west of Ripley. Drainage area is 20.0 mi ² .	1939-42†, 1952-85, 1988-92	12-02-91	11.13	1,250	4-12-79	21.60	(†)
Otocalofa Creek at Water Valley, MS (07274250)	Lat 34°08'26", long 89°38'15", in SW¼NE¼ sec.8, T.11 S., R. 4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08020203, on State High- way 7, 0.9 mi south of Water Valley, and 5.2 mi above mouth. Drainage area is 84.1 mi ² .	1952-92	12-01-91	24.86	10,600	5-19-83	28.07	15,900
Long Creek at Courtland, MS (07275500)	Lat 34°13'40", long 89°56'20", near center of sec.9, T.10 S., R.7 W., Chickasaw Meri- dian, Panola 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. Drainage area is 66.2 mi ² .	1940-43†, 1952-92	3-09-92	21.65	17,000	5-28-54	25.02	38,300
Long Creek near Cascilla, MS (07285700)	Lat 33°51'40", long 89°59'05", IN NE¼ sec.16, T.23 N., R.3 E., Choctaw Meridian, Talla- hatchie County, Hydrologic Unit 08030205, at culvert on county highway, 1.1 mi east of Cascilla. Drainage area is 1.64 mi ² .	1965-92	12-02-91	11.92	1,350	5-08-84	12.70	1,860
Fannegusha Creek near Tchula, MS (07287350)	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. Drainage area is 103 mi ² .	1953-65e, 1968-92	12-02-91	20.62	7,500	4-26-70	24.54	23,000
BIG BLACK RIVER BASIN								
Hays Creek tributary No. 1 near Vaiden, MS (07289265)	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. Drainage area is 14.0 mi ² .	1960-74 1976-92	12-22-90 12-02-91	26.33 26.14	d4,400 3,540	12-02-91	26.14	3,540
Tilda Bogue near Canton, MS (07289600)	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. Drainage area is 24.4 mi ² .	1948-92	8-28-92	17.61	2,100	4-29-53	19.00	8,800
Clear Creek near Bovina, MS (07290005)	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. Drainage area is 32.0 mi ² .	1953-92	8-28-92	22.28	3,640	4-13-69	30.03	21,000

Annual maximum discharge at crest-stage partial-record stations during water year 1992

Station name and number	Location and drainage area	Period of record	Water year 1992 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
BAYOU PIERRE BASIN								
Clarks Creek near Pattison, MS (07290690)	Lat 31°53'40", long 90°50'40", in lot 35, T.11 N., R.4 E., Washington Meridian, Clai- borne County, Hydrologic Unit 08060203, at bridge on county highway, 1.3 mi above mouth, and 2.5 mi east of Pattison. Drainage area is 75.0 mi ² .	1961-62†, 1963-92	8-05-92	20.17	10,600	4-12-80	27.90	31,000
Little Creek near Fayette, MS (07290830)	Lat 31°40'30", long 91°04'10", in SE¼ of irregular section 24, T.8 N., R.1 E., Washing- ton Meridian, Jefferson County, Hydrologic Unit 08060204, at culvert on State Highway 33, 2.0 mi south of Fayette. Drainage area is 1.71 mi ² .	1967-92	8-26-92	8.25	580	4-12-74	15.45	1,800
COLES CREEK BASIN								
Coles Creek near Fayette, MS (07290870)	Lat 31°45'55", long 91°11'30", in lot 21, T.9 N., R.1 W., Washington Meridain, Jeffer- son County, Hydrologic Unit 08060204, at bridge on county highway, 0.7 mi below con- fluence of North and South Forks of Coles Creek, and 10.0 mi northwest of Fayette. Drainage area is 257 mi ² .	1961-62†, 1963-92	8-26-92	25.09	25,600	4-12-74	31.96	75,000
HOMOCHITTO RIVER BASIN								
McCall Creek near Lucien (07291250)	Lat 31°30'24", long 90°38'45", in SW¼ sec.6, T.6 N., R.6 E., Washington Meridian, Frank- lin County, Hydrologic Unit 08060205, at U.S. Highway 84, 0.8 mi east of Lucien. Drainage area is 60.8 mi ² .	1953, 1955-92	8-26-92	84.22	8,750	4-13-74	92.70	23,000
THOMPSON CREEK BASIN								
Moore's Branch near Woodville, MS (07373550)	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 High- way 24, 3.3 mi east of Woodville. Prior to Oct. 1, 1964, at datum 0.88 ft lower. Drainage area is 0.21 mi ² .	1955-92	3-05-92	5.31	171	3-24-73	9.90	455

† Discharge not determined.

‡ Operated as a continuous-record gaging station.

a Approximately.

b High-water mark was not determined.

c Gage heights and discharge measurements in files of Corps of Engineers.

d Revised.

e Published at site near Howard, 3 mi downstream.

f Peak stage did not reach bottom of gage.

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 1992

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MOBILE RIVER BASIN						
02430665 Twentymile Creek at Baldwyn, MS	Tombigbee River	Lat 34°30'33", long 88°36'30", In NW4 sec.6, T.7 S., R.7 E., Chickasaw Meridian, Prentiss- Lee County line, Hydrologic Unit 03160101, on State Highway 370, 0.75 miles east of Baldwyn.	83.6	1971	9-24-92	21.1
02443000 Luxapallila Creek at Steens, MS	Tombigbee River	Lat 33°33'35", long 88°18'55", In NE4 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, 1950-91	10-10-91 01-15-92 02-25-92 04-07-92 05-21-92 06-16-92 08-05-92 09-10-92	108 513 901 294 84.6 196 111 256
PASCAGOULA RIVER BASIN						
02472820 Okatoma Creek at Seminary, MS	Bowie Creek	Lat 31°33'45", long 89°30'15", In NE4 sec.21, T.7 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on State High- way 590, 0.1 mi west of Seminary.	204	1961, 1972, 1980-91	03-26-92 04-29-92 07-20-92	319 189 143
02474200 Tallahala Creek at Ellisville, MS	Leaf River	Lat 31°36'34", long 89°10'52", In SE4 sec. 35, T.8 N., R.12 W., Stephens Meridian, Jones County, Hydrologic Unit 03170005, on county road, at Ellisville.	467	1973-75 1977 1991	10-03-91 11-12-91 02-06-92 03-24-92 04-30-92 06-11-92 07-21-92 09-03-92	80.5 56.7 1,630 2,390 186 222 65.2 113
PEARL RIVER BASIN						
02486500 Pearl River at Byram, MS	Gulf of Mexico	Lat 32°10'36", long 90°14'35", In NW4 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, 1984-91	10-04-91 12-19-91 01-31-92 03-12-92 04-23-92 06-04-92 06-25-92 08-28-92	497 5,290 5,330 4,700 650 338 292 9,160
02489000 Pearl River near Columbia, MS	Gulf of Mexico	Lat 31°14'14", long 89°50'49", In NW4 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, 1985-91	10-03-91 10-29-91 12-04-91 01-16-92 02-25-92 04-08-92 05-20-92 07-01-92 08-13-92	2,790 2,470 16,800 10,800 10,200 3,140 1,500 2,050 1,980
02490270 Bogue Chitto near Enterprise, MS	West Pearl River	Lat 31°29'36", long 90°26'39", In NW4 sec. 18, T.6 N., R.8 E., Washington Meridian, Lin- coln County, Hydrologic Unit 03180005, on county road, 4 mi northwest of Enterprise.	63.9	1991	11-04-91 01-06-92 03-02-92 05-04-92 07-13-92 09-14-92	23.8 17.2 25.7 17.4 9.39 11.8

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PEARL RIVER BASIN--Continued						
02490310 Bogue Chitto at Bogue Chitto, MS	West Pearl River	Lat 31°26'16", long 90°26'45" In SW¼ sec. 31, T.6 N., R.8 E., Choctaw Meridian, Lin- coln County, Hydrologic Unit 03180005, on county road, 0.3 mi east of Bogue Chitto.	161	1985-88 1991	11-04-91 01-06-92 03-02-92 05-04-92 07-13-92	69.5 55.3 95.2 58.4 32.4
02490900 Bogue Chitto near Lehr, MS	West Pearl River	Lat 31°01'22", long 90°12'33", In NE¼ sec.29, T.1 N., R.10 E., Washington Meridian, Wal- thall County, Hydrologic Unit 03180005, on county road, 1.1 mi west of Lehr.	785	1969, 1971, 1976, 1979, 1982-91	11-04-91 01-01-92 03-02-92 05-04-92 07-13-92 09-14-92	825 567 1,040 666 482 589
YAZOO RIVER BASIN						
07274235 Otoucalofa Creek near Paris, MS	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	1988-91	05-28-92 05-29-92 08-27-92 08-27-92 08-27-92	0.50 0.53 0.39 828 181
07274237 Otoucalofa Creek at Paris, MS	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	1988-91	05-28-92 05-29-92 08-27-92 08-27-92 08-28-92	2.03 2.16 116 455 29.0
07274245 Otoucalofa Creek near Water Valley, MS	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.	46.5	1988-91	05-28-92 05-29-92 08-27-92 08-27-92 08-27-92 08-28-92	7.85 8.18 9.77 2,240 2,260 118
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	1988-91	05-28-92 05-29-92 08-27-92 08-27-92 08-27-92 08-28-92	20.4 21.6 60.1 4,800 3,810 223
07277520 Hickahala Creek near Independence, 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 Independence.	25.3	1988-91	06-02-92 06-03-92 06-03-92	8.95 580 37.4
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	1988-91	06-02-92 06-03-92 06-03-92	21.7 829 107
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	1970, 1975, 1988-91	06-02-92 06-03-92 06-03-92	7.66 508 41.9
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 country road, 3.3 mi northeast of Como.	20.4	1988-91	06-02-92 06-03-92 06-03-92	3.4 472 11.5

Discharge measurements made at special study and miscellaneous sites during water year 1992

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
07279300 Coldwater River at Prichard, MS	Tallahatchie River	Lat 34°41'58", long 90°13'54", In SW ⁴ sec.26, T.4 S., R.10 W., Chickasaw Meridian, Tunica County, Hydrologic Unit 08030204, on county road, 0.3 mi southeast of Prichard.	1,214	1961-62, 1964-75, 1977-79, 1981 1991	11-04-91 01-06-92 03-03-92 05-08-92 07-14-92 09-14-92	1,490 1,690 1,610 333 1,370 1,760
07281000 Tallahatchie River at Swan Lake, MS	Yazoo River	Lat 33°51'35", long 90°16'35", In NE ⁴ sec.15, T.23 N., R.1 W., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on county road, 1 mi southeast of Swan Lake.	5,130	1979-81 1983 1991	11-04-91 01-06-92 03-03-92 05-08-92 07-13-92 09-14-92	9,150 13,500 9,560 1,160 2,260 7,060
07287120 Yazoo River near Shell Bluff, MS	Mississippi River	Lat 33°23'48", long 90°16'19", In NW ⁴ sec.26, T.18 N., R.1 W., Choctaw Meridian, Leflore County, Hydrologic Unit 08030206, on county road, 1.8 mi east of Shell Bluff.	7,650	1991	11-04-91 01-06-92 03-03-92 05-08-92 07-13-92 09-15-92	12,500 23,400 12,900 2,180 3,200 7,540
07287141 Abiaca Creek near Coila, MS	Yazoo River	Lat 33°20'26", long 89°56'10", In NE ⁴ NW ⁴ sec.13, T.17 N., R.3 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030206, at County road bridge, 4 miles northeast of Black Hawk, and 5 miles south-east of Coila.	5.64	----	04-20-92 04-21-92 04-22-92 08-24-92	27.2 3.72 2.64 0.99
07287142 Abiaca Creek near Black Hawk, MS	Yazoo River	Lat 33°19'05", long 89°58'00", In SE ⁴ SE ⁴ sec.27, T.17 N., R.3 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030206, at State Highway 430 bridge, 2 miles east of Black Hawk.	10.67	----	04-20-92 04-21-92 04-22-92 08-24-92	12.2 10.4 8.74 2.32
07287144 Abiaca Creek at Black Hawk, MS	Yazoo River	Lat 33°19'15", long 90°00'40", In NE ⁴ SW ⁴ sec.20, T.17 N., R.3 E., Choctaw Meridian, Carroll County Hydrologic Unit 08030206, at State Highway 17 bridge, 0.3 miles south of Black Hawk.	25.76	----	04-20-92 04-21-92 04-22-92 08-24-92	88.0 40.8 22.2 6.65
07287147 Coila Creek at Seven Pines, MS	Yazoo River	Lat 33°22'08", long 90°05'20", In NE ⁴ NE ⁴ sec.4, T.17 N., R.2 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030206, at bridge on State Highway 430, 0.4 miles southeast of Seven Pines.	39.75	----	04-20-92 04-21-92 04-22-92 08-24-92	149 61.0 42.7 16.0
07287330 Fannegusha Creek near Ituma, MS	Yazoo River	Lat 33°13'35", long 90°02'30", In NE ⁴ 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	1988-91	01-23-92 01-24-92 08-25-92	36.2 25.4 6.42
07287375 Black Creek at Bowling Green, MS	Yazoo River	Lat 33°09'37", long 89°57'24", In SW ⁴ 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	1988-91	01-22-92 01-23-92 08-24-92	23.2 39.3 5.40
07287405 Black Creek at Howard, MS	Yazoo River	Lat 33°07'11", long 90°11'28", In SW ⁴ 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	1988-91	01-22-92 08-26-92	141 48.4

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at special study and miscellaneous sites during water year 1992

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
YAZOO RIVER BASIN--Continued						
07288500	Yazoo River	Lat 33°32'50", long 90°32'35",	767	1959-64	11-04-91	1,740
Big Sunflower		In NE¼ sec.6,T.19 N.1, R.3		1979-84	01-06-92	425
River at		W., Choctaw Meridian,		1991	03-03-92	735
Sunflower, MS		Sunflower County, Hydrologic			05-08-92	37.9
		Unit 08030207, on county road,			06-13-92	282
		at Sunflower.			09-15-92	73.5
BIG BLACK RIVER BASIN						
07289540	Mississippi River	Lat 32°42'26", long 90°05'40",	1,820	1959-60,	10-03-91	188
Big Black		In SE¼ sec.16, T.10 N., R.2		1962,	11-07-91	409
River near		E., Choctaw Meridian, Madison		1964,	12-18-91	5,810
Canton, MS		County, Hydrologic Unit		1966,	01-30-92	1,940
		08060202, on State Highway 16,		1969-73,	04-22-92	1,850
		6.8 mi northwest of Canton.		1977,	07-14-92	172
				1985-91	08-25-92	820
TANGIPAHOA RIVER BASIN						
07375290	Gulf of Mexico	Lat 30°58'48", long 90°27'39",	220	1990-91	11-04-91	217
Tangipahoa		In SW¼ sec. 54, T.1 S., R.7			01-06-92	175
River near		E., Washington Meridian,			03-02-92	237
Greenlaw, LA		Tangipahoa Parish, Hydrologic			05-04-92	189
		Unit 08070205, on State			07-13-92	150
		Highway 1054, 1.5 miles east				
		of Greenlaw, LA.				

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 1991 TO SEPTEMBER 1992

MOBILE RIVER BASIN

02430690 TWENTYMILE CREEK NR MANTACHIE, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
OCT 08...	0930	2.3	69	0.43
NOV 18...	1700	4.6	17	0.21
FEB 25...	1700	498	109	147
APR 07...	1745	93	63	16
SEP 21...	1430	62	73	12

02431410 MANTACHIE CREEK BL DORSEY, MS

		DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)		
DATE	TIME						
OCT							
08...	1125	4.4	72	0.86	--		
NOV							
18...	1600	6.0	16	0.26	--		
JAN							
13...	1725	140	430	163	--		
13...	2045	402	1400	1520	51		
14...	0100	668	1140	2060	64		
14...	0815	462	407	508	68		
15...	0915	200	63	34	--		
FEB							
25...	1400	145	71	28	--		
25...	1950	420	430	488	--		
26...	0120	555	474	710	66		
26...	0640	518	228	319	80		
26...	1750	350	104	98	--		
APR							
07...	1540	46	58	7.2	--		
MAY							
20...	1630	7.4	74	1.5	--		
JUL							
27...	1415	6.8	32	0.59	--		
SEP							
22...	0900	13	35	1.2	--		
DATE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK) (00002)	BED MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)
4...	0102	25.0	1	3	30	100	--
4...	0104	50.0	<1	2	38	100	--
4...	0106	75.0	1	3	30	99	100

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

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MOBILE RIVER BASIN--Continued

02437000 TOMBIGBEE RIVER NR AMORY, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
JAN 15...	1450 3350		171	1550

02437500 TOMBIGBEE RIVER AT ABERDEEN, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
FEB 26...	1230 11000		78	2320

02441400 TOMBIGBEE RIVER NR COLUMBUS, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
FEB 27...	0800 14100		67	2550

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN

07277755 HICKAHALA CREEK AT SENATOBIA, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (UG/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	ALDI- CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI- CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39333)	CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82615)
MAY 07...	0815	68	7.2	17.5	7.7	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5
DATE	3-HYDRX CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DEF TOTAL (UG/L) (39040)
MAY 07...	<0.5	<0.1	<1.0	<0.01	<0.010	0.2	<0.010	0.4	<0.010	0.2	<0.01
DATE	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39399)
MAY 07...	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.01	<0.1
DATE	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOTAL (UG/KG) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39343)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39530)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39531)	METHIO- CARB WATER WHOLE TOT.REC (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)
MAY 07...	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39480)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39481)	METHYL THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39600)	METHYL THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39601)	METHYL THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39791)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39755)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39758)	1-NAPH- THOL WATER WHOLE TOT.REC (UG/L) (77441)	OXYMYL WATER WHOLE TOT.REC (UG/L) (82613)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39540)	PARA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39541)
MAY 07...	<0.01	<1.0	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5	<0.01	<0.1
DATE	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	NAPH- THA- LENES, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (81886)	PHORATE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39023)	PROPHAM TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39052)	PROPO- XUR WATER WHOLE TOT.REC (UG/L) (30296)	SEVIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39750)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39400)
MAY 07...	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5	<1
DATE	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39787)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39730)	2,4-DP TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82183)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39740)	ALA- CHLOR TOTAL IN BOT- TOM MA- TERIAL (UG/L) (77825)	AME- TRYNE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82184)	ATRA- ZINE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39630)	BROM- ACIL WATER WHOLE TOT.REC (UG/L) (30234)	BUTA- CHLOR WATER WHOLE TOT.REC (UG/L) (30235)
MAY 07...	<10	<0.01	<0.1	<0.01	<0.01	<0.01	<0.10	<0.10	<0.10	<0.20	<0.10

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

07277755 HICKAHALA CREEK AT SENATOBIA, MS--Continued

DATE	BUTYL- ATE WHLREC (UG/L) (30236)	CARBOX- IN WATER RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER WHOLE RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER WHOLE RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER WHOLE RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT.REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT.REC (UG/L) (82611)
MAY 07...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	0.01	<0.10	<0.20	<0.20	<0.10
DATE	PICLO- RAM (TOR- DON) (AMDON) (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER WHOLE RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER WHOLE RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOVER (UG/L) (30324)
MAY 07...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10

07277760 HICKAHALA CREEK NEAR COLDWATER, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARDS) (UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	ALDI- CARB WATER WHOLE TOT.REC (UG/L) (82619)	ALDI- CARB SULFONE WATER WHOLE TOT.REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT.REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39333)	CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82615)
MAY 07...	1015	151	6.4	19.0	1.3	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5
DATE	3-HYDRX CARBO- FURAN WATER WHOLE TOT.REC (UG/L) (82584)	CHLOR- DANE, TOTAL (UG/L) (39350)	CHLOR- DANE, TOTAL (UG/L) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL (UG/L) (39360)	DDD, TOTAL (UG/L) (39363)	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL (UG/L) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL (UG/L) (39373)	DEF TOTAL (UG/L) (39040)
MAY 07...	<0.5	<0.1	<1.0	<0.01	<0.010	0.2	<0.010	0.5	<0.010	0.1	<0.01
DATE	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39571)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL (UG/L) (39389)	ENDO- SULFAN, TOTAL (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39393)	ETHION, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39398)	ETHION, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39399)
MAY 07...	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.01	<0.1
DATE	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39423)	LINDANE TOTAL (UG/L) (39340)	LINDANE TOTAL (UG/L) (39343)	LINDANE TOTAL (UG/L) (39343)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39530)	METHIO- CARB WATER WHOLE RECOV. (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)
MAY 07...	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.4	<0.01	<0.1	<0.5	<0.5
DATE	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL TOTAL (UG/L) (39481)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL PARA- THION, TOTAL (UG/L) (39601)	METHYL TRI- THION, TOTAL (UG/L) (39791)	MIREX, TOTAL (UG/L) (39755)	MIREX, TOTAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYAMYL WATER WHOLE TOT.REC (UG/L) (82613)	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL (UG/L) (39541)
MAY 07...	<0.01	<1.0	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5	<0.01	<0.1

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

07277760 HICKAHALA CREEK NEAR COLDWATER, MS--Continued

DATE	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)	PER- THANE TOTAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE RECOV. (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)	TOX- APHENE, TOTAL (UG/L) (39400)
MAY 07...	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5	<1
DATE	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	TOTAL TRI- THION (UG/KG) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39787)	2,4-D, TOTAL (UG/L) (39730)	2,4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (UG/L) (82184)	ATRA- ZINE, TOTAL (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
MAY 07...	<10	<0.01	<0.1	0.05	<0.01	<0.01	<0.10	<0.10	<0.10	<0.20	<0.10
DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER WHOLE RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER WHOLE RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER WHOLE RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER WHOLE RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT. REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT. REC (UG/L) (82611)
MAY 07...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
DATE	PICLO- RAM (TOR- DON) (AMDON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER WHOLE RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER WHOLE RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOV. (UG/L) (30324)
MAY 07...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10

07277770 HICKAHALA CREEK AT COLDWATER, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	ALDI- CARB WATER WHOLE TOT. REC (UG/L) (82619)	ALDI- CARB SULFONE WATER WHOLE TOT. REC (UG/L) (82587)	ALDICAR SULF- OXIDE WATER WHOLE TOT. REC (UG/L) (82586)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	CARBO- FURAN WATER WHOLE TOT. REC (UG/L) (82615)	
MAY 07...	0915	109	7.0	20.0	7.0	<0.5	<0.5	<0.5	<0.010	<0.1	<0.5
DATE	3-HYDRX CARBO- FURAN WATER WHOLE TOT. REC (UG/L) (82584)	CHLOR- DANE, TOTAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39351)	CHLOR- DYRIFOS TOTAL RECOVER (UG/L) (38932)	DDD, TOTAL (UG/L) (39360)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	DDE, TOTAL (UG/L) (39365)	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	DDT, TOTAL (UG/L) (39370)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DEF TOTAL (UG/L) (39040)
MAY 07...	<0.5	<0.1	<1.0	<0.01	<0.010	0.2	<0.010	0.8	<0.010	0.1	<0.01
DATE	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39570)	DI- AZINON, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39571)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	DI- SYSTON TOTAL (UG/L) (39011)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDRIN, TOTAL (UG/L) (39393)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)	ETHION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39398)
MAY 07...	<0.01	<0.1	<0.010	<0.1	<0.01	<0.010	<0.1	<0.010	<0.1	<0.01	<0.1

WATER-QUALITY DATA FOR PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

07277770 HICKAHALA CREEK AT COLDWATER, MS--Continued

DATE	FONOFOS (DY- FONATE) WATER WHOLE TOT.REC (UG/L) (82614)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39530)	MALA- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39531)	METHIO- CARB WATER WHOLE RECOV. (UG/L) (30282)	METHO- MYL TOTAL (UG/L) (39051)
MAY 07...	<0.01	<0.010	<0.1	<0.010	<0.1	<0.010	<0.1	<0.01	<0.1	<0.5	<0.5
DATE	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METH- OXY- CHLOR, TOTAL (UG/L) (39481)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL PARA- THION, TOTAL (UG/L) (39601)	METHYL TRI- THION, TOTAL (UG/L) (39791)	MIREX, TOTAL (UG/L) (39755)	MIREX, TOTAL (UG/L) (39758)	1-NAPH- THOL WATER WHOLE REC (UG/L) (77441)	OXYAMYL WATER WHOLE TOT.REC (UG/L) (82613)	PARA- THION, TOTAL (UG/L) (39540)	PARA- THION, TOTAL (UG/L) (39541)
MAY 07...	<0.01	<1.0	<0.01	<0.1	<0.1	<0.01	<0.1	<0.5	<0.5	<0.01	<0.1
DATE	PCB, TOTAL (UG/L) (39516)	PCB, TOTAL (UG/L) (39519)	NAPH- THA- LENES, POLY- CHLOR. TOTAL (UG/L) (39250)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39034)	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (81886)	PHORATE TOTAL (UG/L) (39023)	PROPHAM TOTAL (UG/L) (39052)	PROPO- XUR WATER WHOLE RECOV. (UG/L) (30296)	SEVIN, TOTAL (UG/L) (39750)	TOX- APHENE, TOTAL (UG/L) (39400)
MAY 07...	<0.1	<1	<0.10	<1.0	<0.1	<1.00	<0.01	<0.5	<0.5	<0.5	<1
DATE	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39403)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39786)	TRI- THION, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39787)	2,4-D, TOTAL (UG/L) (39730)	2,4-DP TOTAL (UG/L) (82183)	2,4,5-T TOTAL (UG/L) (39740)	ALA- CHLOR TOTAL RECOVER (UG/L) (77825)	AME- TRYNE TOTAL (UG/L) (82184)	ATRA- ZINE, TOTAL (UG/L) (39630)	BROM- ACIL WATER WHLREC (UG/L) (30234)	BUTA- CHLOR WATER WHLREC (UG/L) (30235)
MAY 07...	<10	<0.01	<0.1	0.04	<0.01	<0.01	<0.10	<0.10	0.10	<0.20	<0.10
DATE	BUTYL- ATE WATER WHLREC (UG/L) (30236)	CARBOX- IN WATER WHOLE RECOV- ERABLE (UG/L) (30245)	CYAN- AZINE TOTAL (UG/L) (81757)	CYCLO- ATE WATER WHOLE RECOV- ERABLE (UG/L) (30254)	DEETHYL ATRA- ZINE, WATER, WHOLE, TOTAL (UG/L) (75981)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L) (75980)	DICAMBA (MED- IBEN) (BAN- VEL D) TOTAL (UG/L) (82052)	DIPHEN- AMID WATER WHOLE RECOV- ERABLE (UG/L) (30255)	HEXAZI- NONE WATER WHOLE RECOV- ERABLE (UG/L) (30264)	METOLA- CHLOR WATER WHOLE TOT.REC (UG/L) (82612)	METRI- BUZIN WATER WHOLE TOT.REC (UG/L) (82611)
MAY 07...	<0.10	<0.20	<0.20	<0.10	<0.20	<0.20	<0.01	<0.10	<0.20	<0.20	<0.10
DATE	PICLO- RAM (TOR- DON) (AMDON) TOTAL (UG/L) (39720)	PROME- TONE TOTAL (UG/L) (39056)	PROME- TRYNE TOTAL (UG/L) (39057)	PROPA- CHLOR WATER WHOLE RECOV. (UG/L) (30295)	PRO- PAZINE TOTAL (UG/L) (39024)	SILVEX, TOTAL (UG/L) (39760)	SIMA- ZINE TOTAL (UG/L) (39055)	SIME- TRYNE TOTAL (UG/L) (39054)	TER- BACIL WATER WHOLE RECOV. (UG/L) (30311)	TRI- FLURA- LIN TOTAL RECOVER (UG/L) (39030)	VER- NOLATE WATER WHOLE RECOV. (UG/L) (30324)
MAY 07...	<0.01	<0.20	<0.10	<0.10	<0.10	<0.01	<0.10	<0.10	<0.20	<0.10	<0.10

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 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN

PASCAGOULA AND ESCATAWPA RIVERS STUDY

303018088351800 PASCAGOULA RIVER AT MI 15

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
09...	1001	1.00	101	7.2	31.5	5.5
09...	1002	5.00	111	7.0	31.5	5.5
09...	1003	10.0	106	6.9	31.5	5.5
09...	1004	15.0	108	6.9	31.5	5.5

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
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JUL	09...	1000	K9	130
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302954088344000 PASCAGOULA RIVER AT MI 14

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1826	1.00	110	7.1	32.0	5.8
08...	1827	5.00	104	7.0	32.0	5.8
08...	1828	10.0	106	6.9	32.0	5.8
08...	1829	12.0	112	6.9	32.0	5.8
09...	0955	1.00	446	7.1	31.5	5.8
09...	0956	5.00	546	6.9	31.5	5.5
09...	0957	10.0	2400	6.7	31.5	5.2
09...	0958	14.0	30800	6.9	28.5	0.2

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
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JUL	08...	1825	K20	120
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02479341 PASCAGOULA RIVER AT MI 13 NEAR COLL TOWN, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1820	1.00	334	7.1	32.0	5.8
08...	1821	5.00	761	6.9	32.0	5.7
08...	1822	10.0	30700	7.0	30.0	0.5
09...	0950	1.00	936	7.2	31.0	5.7
09...	0951	5.00	1220	7.0	31.0	5.4
09...	0952	10.0	27000	6.9	31.0	0.3
09...	0953	11.0	33800	7.1	28.0	<0.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02479342 PASCAGOULA RIVER AT MI 12 NEAR COLL TOWN, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1810	1.00	1220	7.0	32.0	6.3
08...	1811	5.00	2780	6.9	31.5	5.6
08...	1812	10.0	31000	7.1	28.0	0.2
08...	1813	15.0	38000	7.2	28.0	0.1
08...	1814	20.0	39100	7.2	28.0	0.1
08...	1815	24.0	38600	7.3	28.0	0.1
09...	0940	1.00	1280	7.2	31.5	5.3
09...	0941	5.00	4200	6.9	31.0	4.2
09...	0942	10.0	30500	7.1	28.0	0.5
09...	0943	15.0	38700	7.2	28.0	0.1
09...	0944	20.0	40000	7.3	27.5	<0.1
09...	0945	25.0	40400	7.3	27.5	<0.1

302822088332500 PASCAGOULA RIVER AT MI 11

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1805	1.00	2220	7.0	32.0	6.2
08...	1806	5.00	3020	6.9	31.5	5.5
08...	1807	10.0	29200	7.0	28.5	0.4
09...	0935	1.00	1130	7.1	31.5	5.5
09...	0936	5.00	1500	7.0	31.0	5.2
09...	0937	10.0	34500	7.2	28.0	0.5
09...	0938	14.0	40600	7.3	27.5	0.1

302725088333700 PASCAGOULA RIVER AT MI 10

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1755	1.00	2550	7.1	32.0	6.4
08...	1756	5.00	3140	7.0	31.5	5.7
08...	1757	10.0	28700	7.1	28.5	0.6
08...	1758	15.0	41900	7.4	27.5	0.2
09...	0930	1.00	1930	7.2	31.5	6.2
09...	0931	5.00	4700	6.9	31.0	4.6
09...	0932	10.0	35300	7.3	28.0	0.7
09...	0933	14.0	41500	7.4	27.0	0.3

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302648088340600 PASCAGOULA RIVER AT MI 9

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1745	1.00	3330	7.2	32.0	6.6
08...	1746	5.00	4280	7.0	31.5	5.7
08...	1747	10.0	35500	7.3	28.0	0.4
09...	0925	1.00	2270	7.2	31.0	5.9
09...	0926	5.00	3720	7.0	30.0	5.2
09...	0927	10.0	34200	7.4	28.5	0.8
09...	0928	15.0	44000	7.4	27.0	0.2
09...	0929	17.0	43300	7.5	26.5	0.2

02479343 PASCAGOULA RIVER AT MI 8 NEAR ESCATAWPA, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1731	1.00	2880	7.2	32.0	6.7
08...	1732	5.00	4640	7.0	31.0	5.2
08...	1733	10.0	35600	7.4	28.0	0.8
08...	1734	15.0	45300	7.6	26.5	0.6
08...	1735	20.0	46100	7.6	26.5	0.3
08...	1736	21.0	46200	7.6	26.5	0.3
09...	0916	1.00	3770	7.2	31.0	5.5
09...	0917	5.00	23300	7.3	29.5	2.6
09...	0918	10.0	43600	7.6	26.5	0.9
09...	0919	15.0	46100	7.6	26.0	0.7
09...	0920	20.0	47100	7.7	26.0	0.6

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS ORTHOPHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHOPHOS- PHORUS TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUL											
08...	1730	--	K50	K44	<0.010	0.120	0.140	0.74	0.050	0.030	12
09...	0915	2.1	K73	K48	<0.010	0.090	0.150	1.3	0.300	0.060	9.4

302526088333600 PASCAGOULA RIVER AT MI 7

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1720	1.00	3050	7.3	32.0	6.4
08...	1721	5.00	4980	7.0	31.0	5.0
08...	1722	10.0	36900	7.4	28.0	0.8
08...	1723	12.0	46800	7.6	26.5	0.4
09...	0910	1.00	4320	7.3	31.0	5.7
09...	0911	5.00	8380	7.1	30.0	4.6
09...	0912	10.0	45500	7.7	27.0	1.4
09...	0913	13.0	49600	7.8	25.5	0.9

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302628088271000 ESCATAWPA RIVER AT MI 11

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
09...	1206	1.00	67	6.6	32.0	6.0
09...	1207	5.00	71	6.5	30.0	5.6
09...	1208	10.0	89	6.4	29.5	5.5
09...	1209	12.0	83	6.4	29.5	5.6

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
JUL			
09...	1205	K11	K42

02480181 ESCATAWPA RIVER NEAR ORANGE GROVE, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
09...	1155	1.00	90	6.7	31.0	6.0
09...	1156	5.00	103	6.5	30.0	6.7
09...	1157	10.0	170	6.4	30.0	5.6
09...	1158	15.0	9730	6.3	29.5	2.8
09...	1159	20.0	12500	6.5	29.0	2.4
09...	1200	25.0	13300	6.5	29.0	2.2

02480182 ESCATAWPA RIVER AT MI 10 NEAR MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	2126	1.00	88	7.5	30.5	6.0
08...	2127	5.00	95	7.0	30.0	5.9
08...	2128	10.0	146	6.6	29.0	5.7
08...	2129	12.0	147	6.5	29.0	5.6
09...	1150	1.00	152	6.8	31.5	7.0
09...	1151	5.00	343	6.6	30.0	5.9
09...	1152	10.0	2110	6.3	30.0	5.0
09...	1153	13.0	19400	6.6	29.0	1.3

DATE	TIME	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
JUL			
08...	2125	130	91

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480183 ESCATAWPA RIVER AT MI 9 NEAR MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	2113	1.00	527	6.4	30.0	6.2
08...	2114	5.00	765	6.3	30.0	6.0
08...	2115	10.0	1180	6.3	30.0	5.5
08...	2116	13.0	3800	6.8	29.0	2.4
09...	1145	1.00	1960	6.7	30.5	6.0
09...	1146	5.00	2680	6.6	30.0	5.4
09...	1147	10.0	6980	6.6	29.5	4.7
09...	1148	15.0	33600	6.9	29.0	0.5
09...	1149	18.0	33800	7.1	28.0	0.1

02480184 ESCATAWPA RIVER AT MI 8 NEAR MOSS POINT, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	2055	1.00	1940	6.7	30.0	5.5
08...	2056	5.00	2420	6.5	30.0	5.3
08...	2057	10.0	5660	6.4	29.0	3.6
08...	2058	15.0	33500	6.9	28.0	0.1
08...	2059	20.0	34800	7.1	28.0	<0.1
08...	2100	25.0	35700	7.0	28.0	<0.1
08...	2101	30.0	34400	7.1	28.0	<0.1
08...	2102	35.0	34900	7.1	28.0	<0.1
08...	2103	40.0	35000	7.1	28.0	<0.1
08...	2104	45.0	34800	7.1	28.0	<0.1
08...	2105	46.0	35200	7.1	28.0	<0.1
09...	1135	1.00	4410	6.6	30.0	5.0
09...	1136	5.00	5830	6.6	30.0	4.7
09...	1137	10.0	33700	7.0	28.5	0.2
09...	1138	15.0	36100	7.2	28.0	<0.1
09...	1139	20.0	38000	7.3	27.5	<0.1
09...	1140	25.0	37400	7.3	27.5	<0.1
09...	1141	30.0	38200	7.3	27.5	<0.1
09...	1142	35.0	38000	7.3	27.5	<0.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302541088290100 ESCATAWPA RIVER AT MI 7

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)			
JUL									
08...	2041	1.00	3210	7.0	30.0	5.6			
08...	2042	5.00	3560	6.7	30.0	5.2			
08...	2043	10.0	33200	6.9	30.0	0.5			
08...	2044	13.0	37000	7.1	28.0	0.1			
09...	1126	1.00	5370	6.9	30.0	5.4			
09...	1127	5.00	5790	6.7	30.0	5.0			
09...	1128	10.0	33100	6.9	28.5	0.3			
09...	1129	15.0	38200	7.2	28.0	0.1			
09...	1130	20.0	40600	7.3	27.5	0.1			
09...	1131	25.0	40800	7.4	27.5	0.1			
09...	1132	30.0	42000	7.4	27.5	<0.1			
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS TOTAL (MG/L) AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)
JUL									
08...	2040	--	<0.010	0.130	0.150	0.63	0.050	0.020	0.9
09...	1125	1.9	<0.010	0.060	0.290	0.62	0.090	0.060	4.0

302512088292200 ESCATAWPA RIVER AT MI 6

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)			
JUL									
08...	2022	1.00	4780	7.2	30.0	5.3			
08...	2023	5.00	5670	6.8	30.0	4.8			
08...	2024	10.0	22500	6.8	29.0	1.0			
08...	2025	12.0	41000	7.2	28.0	0.1			
09...	1120	1.00	6040	6.9	30.5	5.3			
09...	1121	5.00	8130	6.8	30.0	4.3			
09...	1122	10.0	38400	7.2	28.0	0.1			
09...	1123	15.0	41900	7.4	27.5	<0.1			

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAMPA RIVERS STUDY--Continued

302515088301300 ESCATAMPA RIVER AT MI 5

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	2011	1.00	5800	7.2	30.5	5.4
08...	2012	5.00	6500	6.9	30.0	4.8
08...	2013	10.0	37900	7.1	30.0	0.2
08...	2014	15.0	42400	7.4	27.0	0.1
08...	2015	20.0	43500	7.4	27.0	<0.1
09...	1111	1.00	7690	6.9	30.5	5.8
09...	1112	5.00	10900	6.8	30.0	3.6
09...	1113	10.0	38000	7.3	28.0	0.5
09...	1114	15.0	43300	7.4	27.0	0.1
09...	1115	18.0	44300	7.5	27.0	0.1

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)
JUL									
08...	2010	--	<0.010	0.090	0.190	0.58	0.060	0.040	0.5
09...	1110	2.0	<0.010	0.070	0.180	0.62	0.080	0.050	4.8

302528088304400 ESCATAMPA RIVER AT MI 4

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1951	1.00	6330	6.9	38.0	5.5
08...	1952	5.00	6680	6.8	30.5	5.4
08...	1953	10.0	33700	7.0	28.5	0.1
08...	1954	15.0	42800	7.4	27.5	<0.1
08...	1955	20.0	44200	7.4	27.5	<0.1
08...	1956	25.0	44600	7.4	27.0	<0.1
08...	1957	30.0	45100	7.5	27.0	<0.1
08...	1958	31.0	45500	7.5	27.0	<0.1
09...	1100	1.00	6650	7.1	31.0	6.8
09...	1101	5.00	15600	7.0	29.5	4.4
09...	1102	10.0	44400	7.5	27.5	0.3
09...	1103	15.0	44900	7.5	27.0	0.2
09...	1104	20.0	45700	7.5	26.5	0.2
09...	1105	22.0	45700	7.5	26.5	0.1

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302455088313100 ESCATAWPA RIVER AT MI 3

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)			
JUL									
08...	1947	1.00	5960	7.1	31.0	6.5			
08...	1948	5.00	6550	6.9	31.0	5.0			
08...	1949	10.0	30900	7.1	28.5	0.1			
09...	1056	1.00	7100	7.3	31.0	6.2			
09...	1057	5.00	23300	7.2	29.5	1.8			
09...	1058	10.0	41700	7.5	27.0	0.5			
09...	1059	11.0	43400	7.5	27.0	0.2			
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P (70507)	CARBON, ORGANIC TOTAL (MG/L) AS C (00680)
JUL									
08...	1946	--	0.010	0.110	0.160	1.2	0.110	0.040	7.2
09...	1055	3.3	0.010	0.100	0.180	0.92	0.120	0.080	9.2

302459088320800 ESCATAWPA RIVER AT MI 2

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)			
JUL									
08...	1940	1.00	5100	7.9	32.0	8.2			
08...	1941	5.00	7150	7.5	30.5	7.2			
08...	1942	10.0	35100	7.2	28.0	0.1			
08...	1943	15.0	46400	7.5	27.0	<0.1			
08...	1944	17.0	47100	7.6	27.0	<0.1			
09...	1050	1.00	5880	7.5	31.5	7.9			
09...	1051	5.00	15200	6.9	30.0	1.7			
09...	1052	10.0	41900	7.4	27.0	0.4			
09...	1053	15.0	48000	7.6	26.5	0.3			
09...	1054	17.0	48200	7.6	26.0	0.2			

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480207 ESCATAWPA RIVER AT MOSS POINT, MS

						SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)		PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)		TEMPER- ATURE WATER (DEG C) (00010)		OXYGEN, DIS- SOLVED (MG/L) (00300)			
		DATE	TIME	SAM- PLING DEPTH (FEET) (00003)											
JUL															
		08...	1916	1.00	5330	8.1	32.0	9.4							
		08...	1917	5.00	14700	7.1	31.0	2.0							
		08...	1918	10.0	38100	7.3	27.5	0.5							
		08...	1919	15.0	47700	7.6	26.0	0.3							
		08...	1920	20.0	49400	7.7	26.0	0.4							
		08...	1921	25.0	49500	7.7	26.0	0.3							
		09...	1041	1.00	6000	7.6	32.0	8.1							
		09...	1042	5.00	18400	7.1	31.0	3.3							
		09...	1043	10.0	42500	7.6	27.0	1.1							
		09...	1044	15.0	47900	7.6	26.0	0.6							
		09...	1045	20.0	48400	7.7	26.0	0.5							
		09...	1046	22.0	48500	7.7	25.5	0.5							
		DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOC- CI, KF AGAR (COLS./ 100 ML) (31673)	NITRO- GEN, NITRITE TOTAL (MG/L) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) (00625)	PHOS- PHORUS TOTAL (MG/L) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) (70507)	CARBON, ORGANIC TOTAL (MG/L) (00680)		
JUL															
		08...	1915	--	<10	K13	0.010	0.020	0.230	1.1	0.150	0.070	3.1		
		09...	1040	2.5	<10	620	<0.010	0.030	0.110	0.72	0.080	0.050	1.8		
		DATE	TIME	TUR- BID- ITY (NTU) (00076)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K (00935)	SULFATE SOLVED (MG/L) AS SO4 (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)		
JUL															
		08...	1915	27	280	880	7800	300	1900	15000	0.70	26200	66		
		DATE		ARSENIC TOTAL (UG/L) AS AS (01002)	BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L) AS BE (01012)	CADMIUM TOTAL RECOV- ERABLE (UG/L) AS CD (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L) AS CU (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L) AS PB (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) AS NI (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L) AS SE (01147)	ZINC, TOTAL RECOV- ERABLE (UG/L) AS ZN (01092)		
JUL															
		08...	2	<1.0	<1	6	6	<1	<0.10	2	<1	<5			
		DATE		ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZI- DINE TOTAL (UG/L) (39120)	BENZO A ANTHRAC- ENE1,2- BENZANT HRACENE TOTAL (UG/L) (34526)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZOGH I PERYL ENE1,12 -BENZOP ERYLENE TOTAL (UG/L) (34521)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	4- BROMO- PHENYL PHENYL ETHER TOTAL (UG/L) (34636)	N-BUTYL BENZYL PHTHAL- ATE TOTAL (UG/L) (34292)	BIS (2- CHLORO- ETHOXY) METHANE TOTAL (UG/L) (34278)
JUL															
		08...	<5.0	<5.0	<5.0	<40.0	<10.0	<10.0	<10.0	<10.0	<10.0	<5.0	<5.0	<5.0	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480207 ESCATAWPA RIVER AT MOSS POINT, MS--Continued

DATE	BIS 2- CHLORO- ETHYL ETHER TOTAL (UG/L) (34273)	BIS (2- CHLORO- ISO- PROPYL) ETHER TOTAL (UG/L) (34283)	2- CHLORO- NAPH- THALENE (UG/L) (34581)	4- CHLORO- PHENYL ETHER TOTAL (UG/L) (34641)	CHRY- SENE TOTAL (UG/L) (34320)	1,2,5,6 -DIBENZ -ANTHRA -CENE TOTAL (UG/L) (34556)	1,2-DI- CHLORO- BENZENE TOTAL (UG/L) (34536)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L) (34566)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L) (34571)	3,3'- DI- CHLORO- BENZ- DINE TOTAL (UG/L) (34631)	DIETHYL PHTHAL- ATE TOTAL (UG/L) (34336)	DI- METHYL PHTHAL- ATE TOTAL (UG/L) (34341)	
	JUL 08...	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<20.0	<5.0	<5.0
	DATE	DI-N- BUTYL PHTHAL- ATE TOTAL (UG/L) (39110)	2,4-DI- NITRO- TOLUENE TOTAL (UG/L) (34611)	2,6-DI- NITRO- TOLUENE TOTAL (UG/L) (34626)	DI-N- OCTYL PHTHAL- ATE TOTAL (UG/L) (34596)	BIS(2- ETHYL PHENYL- HYDRA- ZINE WATER TOT.REC (UG/L) (82626)	1,2-DI- PHENYL- HYDRA- ZINE WATER TOT.REC (UG/L) (82626)	FLUOR- ANTHENE TOTAL (UG/L) (34376)	FLUOR- ENE TOTAL (UG/L) (34381)	HEXA- CHLORO- BENZENE TOTAL (UG/L) (39700)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	HEXA- CHLORO- CYCLO- PENT- ADIENE TOTAL (UG/L) (34386)	
JUL 08...	<5.0	<5.0	<5.0	<10.0	7.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
DATE	HEXA- CHLORO- ETHANE TOTAL (UG/L) (34396)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	ISO- PHORONE TOTAL (UG/L) (34408)	NAPHTH- ALENE TOTAL (UG/L) (34696)	NITRO- BENZENE TOTAL (UG/L) (34447)	N-NITRO -SODI- METHY- LAMINE TOTAL (UG/L) (34438)	N-NITRO -SODI- PHENY- LAMINE TOTAL (UG/L) (34433)	N- NITRO- SODI-N- PROPYL- AMINE TOTAL (UG/L) (34428)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	1,2,4- TRI- CHLORO- BENZENE TOTAL (UG/L) (34551)		
JUL 08...	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
DATE	2- CHLORO- PHENOL TOTAL (UG/L) (34586)	2,4-DI- CHLORO- PHENOL TOTAL (UG/L) (34601)	2,4-DI- METHYL- PHENOL TOTAL (UG/L) (34606)	4,6- DINITRO -ORTHO- CRESOL TOTAL (UG/L) (34657)	2,4- DI- NITRO- PHENOL TOTAL (UG/L) (34616)	2- NITRO- PHENOL TOTAL (UG/L) (34591)	4- NITRO- PHENOL TOTAL (UG/L) (34646)	PARA- CHLORO- META CRESOL TOTAL (UG/L) (34452)	PENTA- CHLORO- PHENOL TOTAL (UG/L) (39032)	PHENOL (C6H- 5OH) TOTAL (UG/L) (34694)	2,4,6- TRI- CHLORO- PHENOL TOTAL (UG/L) (34621)		
JUL 08...	<5.0	<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 NEAR ESCATAWPA, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL 08...	1730	1.00	5810	7.9	31.5	8.5
08...	1731	5.00	10400	7.1	31.0	6.5
08...	1732	10.00	37500	7.2	27.5	0.8
08...	1733	15.00	47500	7.5	26.5	0.6
09...	1030	1.00	6650	7.3	31.5	7.4
09...	1031	5.00	11300	7.0	30.5	4.4
09...	1032	10.00	47200	7.6	26.5	1.0
09...	1033	15.00	48900	7.7	25.5	0.7
09...	1034	20.00	49400	7.7	25.5	0.8
09...	1035	25.00	50000	7.7	25.5	0.7
09...	1036	26.00	50300	7.7	25.5	0.7

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302507088342800 PASCAGOULA RIVER AT MI 6

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1706	1.00	5770	7.5	32.0	7.5
08...	1707	5.00	8930	7.2	31.0	5.1
08...	1708	10.0	44500	7.6	26.5	0.5
09...	0856	1.00	6850	7.2	31.0	5.6
09...	0857	5.00	26000	7.6	30.0	3.6
09...	0858	10.0	49400	7.7	26.0	1.0
09...	0859	15.0	50500	7.7	25.0	0.8

DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUL									
08...	1705	--	<0.010	0.090	0.080	0.61	0.070	0.030	5.4
09...	0855	2.4	<0.010	0.060	0.130	0.50	0.070	0.050	3.4

302430088350400 PASCAGOULA RIVER AT MI 5

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL						
08...	1700	1.00	7630	7.9	32.0	8.1
08...	1701	5.00	8720	7.6	32.0	6.8
08...	1702	10.0	42900	7.6	27.0	0.8
08...	1703	13.0	49100	7.7	25.5	0.5
09...	0850	1.00	6750	7.4	30.5	6.5
09...	0851	5.00	26600	7.8	30.0	4.2
09...	0852	10.0	49000	7.8	27.0	1.7
09...	0853	13.0	51400	7.8	25.0	1.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302345088343800 PASCAGOULA RIVER AT MI 4

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)			
JUL									
08...	1651	1.00	7990	8.3	31.0	9.0			
08...	1652	5.00	20900	7.5	30.5	3.9			
08...	1653	10.0	47500	7.7	26.0	0.9			
08...	1654	15.0	50000	7.8	25.5	0.8			
08...	1655	20.0	51500	7.8	25.0	0.7			
08...	1656	22.0	51600	7.8	25.0	0.7			
09...	0841	1.00	11900	7.5	30.0	6.0			
09...	0842	5.00	33600	7.9	29.0	4.1			
09...	0843	10.0	47700	7.9	27.0	2.3			
09...	0844	15.0	52200	7.8	25.0	1.1			
09...	0845	17.0	52000	7.8	25.0	0.9			
DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUL									
08...	1650	--	<0.010	0.040	0.110	0.77	0.060	0.040	3.6
09...	0840	2.3	<0.010	0.030	0.100	0.62	0.070	0.050	3.0

302319088335400 PASCAGOULA RIVER AT MI 3

DATE	TIME	SAM- PLING DEPTH (FEET) (00003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)			
JUL									
08...	1640	1.00	9730	8.2	32.0	8.1			
08...	1641	5.00	23100	7.5	28.5	3.9			
08...	1642	10.0	48700	7.8	28.0	1.2			
08...	1643	15.0	51600	7.8	25.0	0.9			
08...	1644	20.0	51400	7.8	25.0	0.9			
08...	1645	25.0	51300	7.8	25.0	0.9			
08...	1646	30.0	52200	7.8	25.0	0.9			
08...	1647	32.0	52300	7.8	25.0	0.8			
09...	0830	1.00	16800	7.7	30.0	5.8			
09...	0831	5.00	36200	7.8	28.5	2.8			
09...	0832	10.0	46300	7.9	27.0	2.2			
09...	0833	15.0	50600	7.8	26.0	1.4			
09...	0834	20.0	51100	7.8	25.0	1.3			
09...	0835	25.0	52200	7.8	25.0	1.0			
09...	0836	30.0	51800	7.8	25.0	1.0			
09...	0837	35.0	52600	7.8	25.0	0.9			

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAMPA RIVERS STUDY--Continued

02480210 PASCAGOULA RIVER AT HWY 90 AT PASCAGOULA, MS

						SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)		PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)		TEMPER- ATURE WATER (DEG C) (00010)		OXYGEN, DIS- SOLVED (MG/L) (00300)		
		DATE	TIME			SAM- PLING DEPTH (FEET) (00003)								
JUL														
		08...	1631			1.00	11800	8.2		32.0		8.1		
		08...	1632			5.00	16900	7.7		29.0		7.7		
		08...	1633			10.0	50200	7.8		25.0		1.3		
		08...	1634			15.0	53200	7.9		24.5		1.0		
		08...	1635			17.0	54100	7.9		24.0		1.0		
		09...	0821			1.00	24600	7.9		30.0		5.2		
		09...	0822			5.00	34900	7.9		28.5		3.8		
		09...	0823			10.0	46400	7.9		27.5		3.0		
		09...	0824			15.0	49500	7.9		26.0		1.9		
		09...	0825			20.0	56000	7.9		25.0		1.4		
		09...	0826			25.0	53600	7.8		25.0		0.9		
		09...	0827			26.0	53500	7.8		25.5		0.9		
		DATE	TIME	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOC- CI, KF AGAR (COLS. PER 100 ML) (31673)	NITRO- GEN, NITRITE TOTAL (MG/L) AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L) AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L) AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)	
JUL		08...	1630	--	K44	K94	<0.010	<0.020	0.130	0.70	0.070	0.060	2.6	
		09...	0820	2.5	K38	590	<0.010	0.030	0.090	0.70	0.090	0.050	0.6	
		DATE	TIME	TUR- BID- ITY (NTU) (00076)	CALCIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K) (00935)	SULFATE SOLVED (MG/L) AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L) AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)	
JUL		08...	1630	4.8	280	900	7800	300	1900	14000	0.80	26300	12	
		DATE		BERYL- LIUM, TOTAL RECOV- ERABLE (UG/L) AS BE) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L) AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L) AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L) AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L) AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L) AS HG) (71900)	NICKEL, TOTAL RECOV- ERABLE (UG/L) AS NI) (01067)	SELE- NIUM, TOTAL RECOV- ERABLE (UG/L) AS SE) (01147)	ZINC, TOTAL RECOV- ERABLE (UG/L) AS ZN) (01092)		
JUL		08...	2	<1.0	<1	4	5	<1	<0.10	2	<1	<5		
		DATE		ACE- NAPHTH- ENE TOTAL (UG/L) (34205)	ACE- NAPHTH- YLENE TOTAL (UG/L) (34200)	ANTHRA- CENE TOTAL (UG/L) (34220)	BENZO A ANTHRAC- ENE1,2- BENZANTH- RACENE TOTAL (UG/L) (34526)	BENZO B FLUOR- AN- THENE TOTAL (UG/L) (34230)	BENZO K FLUOR- AN- THENE TOTAL (UG/L) (34242)	BENZOGH I PERYL -BENZOP- ERYLENE TOTAL (UG/L) (34521)	BENZO- A- PYRENE TOTAL (UG/L) (34247)	4- BROMO- PHENYL ETHER TOTAL (UG/L) (34636)	N-BUTYL BENZYL PHTHAL- ATE TOTAL (UG/L) (34292)	BIS (2- CHLORO- ETHOXY) METHANE TOTAL (UG/L) (34278)
JUL		08...	<5.0	<5.0	<5.0	<40.0	<10.0	<10.0	<10.0	<10.0	<10.0	<5.0	<5.0	<5.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

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

	BIS 2- CHLORO- ETHYL ETHER TOTAL (UG/L) (34273)	BIS (2- CHLORO- ISO- PROPYL) ETHER TOTAL (UG/L) (34283)	2- CHLORO- NAPH- THALENE (UG/L) (34581)	4- CHLORO- PHENYL ETHER TOTAL (UG/L) (34641)	CHRY- SENE TOTAL (UG/L) (34320)	1,2,5,6 -DIBENZ -ANTHRA -CENE TOTAL (UG/L) (34556)	1,2-DI- CHLORO- BENZENE TOTAL (UG/L) (34536)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L) (34566)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L) (34571)	3,3'- DI- CHLORO- BENZID- INE TOTAL (UG/L) (34631)	DIETHYL PHTHAL- ATE TOTAL (UG/L) (34336)	DI-METHYL PHTHAL- ATE TOTAL (UG/L) (34341)
JUL 08...	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<20.0	<5.0	<5.0
DATE	DI-N- BUTYL- PHTHAL- ATE TOTAL (UG/L) (39110)	2,4-DI- NITRO- TOLUENE TOTAL (UG/L) (34611)	2,6-DI- NITRO- TOLUENE TOTAL (UG/L) (34626)	DI-N- OCTYL- PHTHAL- ATE TOTAL (UG/L) (34596)	BIS(2- ETHYL HEXYL) PHTHAL- ATE TOTAL (UG/L) (39100)	1,2-DI- PHENYL- HYDRA- ZINE WATER TOT.REC (UG/L) (82626)	FLUOR- ANTHENE TOTAL (UG/L) (34376)	FLUOR- ENE TOTAL (UG/L) (34381)	HEXA- CHLORO- BENZENE TOTAL (UG/L) (39700)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	HEXA- CHLORO- CYCLO- PENT- ADIENE TOTAL (UG/L) (34386)	
JUL 08...	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
DATE	HEXA- CHLORO- ETHANE TOTAL (UG/L) (34396)	INDENO (1,2,3- CD) PYRENE TOTAL (UG/L) (34403)	ISO- PHORONE TOTAL (UG/L) (34408)	NAPHTH- ALENE TOTAL (UG/L) (34696)	NITRO- BENZENE TOTAL (UG/L) (34447)	N-NITRO -SODI- METHY- LAMINE TOTAL (UG/L) (34438)	N-NITRO -SODI- PHENY- LAMINE TOTAL (UG/L) (34433)	N- NITRO- SODI-N- PROPYL- AMINE TOTAL (UG/L) (34428)	PHENAN- THRENE TOTAL (UG/L) (34461)	PYRENE TOTAL (UG/L) (34469)	1,2,4- TRI- CHLORO- BENZENE TOTAL (UG/L) (34551)	
JUL 08...	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
DATE	2- CHLORO- PHENOL TOTAL (UG/L) (34586)	2,4-DI- CHLORO- PHENOL TOTAL (UG/L) (34601)	2,4-DI- METHYL- PHENOL TOTAL (UG/L) (34606)	4,6- DINITRO -ORTHO- CRESOL TOTAL (UG/L) (34657)	2,4,- DI- NITRO- PHENOL TOTAL (UG/L) (34616)	2- NITRO- PHENOL TOTAL (UG/L) (34591)	4- NITRO- PHENOL TOTAL (UG/L) (34646)	PARA- CHLORO- META CRESOL TOTAL (UG/L) (34452)	PENTA- CHLORO- PHENOL TOTAL (UG/L) (39032)	PHENOL (C6H- SOH) TOTAL (UG/L) (34694)	2,4,6- TRI- CHLORO- PHENOL TOTAL (UG/L) (34621)	
JUL 08...	<5.0	<5.0	<5.0	<30.0	<20.0	<5.0	<30.0	<30.0	<30.0	<5.0	<20.0	

02480212 PASCAGOULA RIVER AT MI 1 AT PASCAGOULA, MS

DATE	TIME	SAM- PLING DEPTH (FEET) (000003)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (000095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (004000)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)
JUL 08...	1615	1.00	15300	8.0	31.0	7.1
08...	1616	5.00	47400	7.9	26.0	1.5
08...	1617	10.0	52900	7.9	25.0	1.2
08...	1618	15.0	53100	7.9	24.5	1.2
08...	1619	20.0	53800	7.9	24.5	1.4
08...	1620	25.0	53800	7.9	24.0	1.4
08...	1621	30.0	53900	7.9	24.0	1.4
08...	1622	35.0	54200	7.9	24.0	1.2
08...	1623	40.0	54100	7.9	24.0	1.1
09...	0810	1.00	31400	7.9	29.5	4.9
09...	0811	5.00	43500	7.9	29.0	3.9
09...	0812	10.0	44500	7.9	28.0	3.5
09...	0813	15.0	54000	7.9	25.5	1.6
09...	0814	20.0	54100	7.9	24.5	1.3
09...	0815	25.0	53400	7.9	24.5	1.3
09...	0816	30.0	53500	7.9	24.0	1.1
09...	0817	35.0	54100	7.8	24.0	0.8
09...	0818	37.0	54000	7.8	24.0	0.8

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480215 PASCAGOULA RIVER AT MI 0 AT PASCAGOULA, MS

				PH					
				WATER					
				WHOLE					
				FIELD					
				(STAND-					
				ARD					
				UNITS)					
				(00400)					

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN

OTOUCALOFA CREEK BASIN STUDY

07274235 OTOUCALOFA CREEK NR PARIS, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
MAY								
28...	1800	0.50	66	6.9	18.0	8.4	K81	180
29...	0200	0.50	66	7.3	17.0	--	K85	180
29...	0600	0.50	67	6.9	17.0	8.5	100	180
29...	1200	0.50	67	7.0	17.5	8.9	100	260
29...	1800	0.50	67	7.2	18.0	8.4	K62	220
29...	2400	0.50	67	7.1	17.0	8.0	100	220
30...	0600	0.50	68	6.9	16.5	8.1	120	290
30...	1200	0.50	67	7.0	18.0	9.0	K81	240
30...	1800	0.50	66	7.0	20.0	8.6	K38	160
AUG								
27...	0600	0.39	75	6.8	26.0	5.8	540	K2200
27...	1200	720	29	6.1	24.0	8.9	K3100	18000
27...	1800	145	31	5.9	22.5	7.8	4800	9600
27...	2400	26	39	6.3	22.0	8.2	K16000	9600
28...	0600	11	41	6.4	21.0	7.9	1100	4100
28...	1200	10	46	6.6	18.0	7.9	3600	5100
28...	1800	8.4	44	6.6	21.5	7.4	2400	2800
28...	2400	6.7	45	6.6	21.0	8.0	1200	1800
29...	0600	4.2	47	6.7	16.0	6.5	3100	1500

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)
MAY								
28...	0.010	0.090	0.050	0.040	0.020	3.8	41	0.05
29...	0.010	0.090	0.050	0.040	0.020	3.6	48	0.06
29...	0.010	0.090	0.050	0.040	0.010	3.4	46	0.06
29...	0.010	0.090	0.040	0.040	0.010	3.4	47	0.06
29...	0.010	0.090	0.040	0.040	0.010	3.6	58	0.08
29...	0.010	0.090	0.050	0.070	0.010	3.5	29	0.04
30...	0.010	0.090	0.050	0.040	0.010	3.9	30	0.04
30...	0.010	0.090	0.050	0.040	0.010	3.4	51	0.07
30...	0.010	0.080	0.050	0.080	0.010	3.7	39	0.05
AUG								
27...	<0.010	0.060	0.040	0.030	0.030	4.7	39	0.04
27...	0.040	0.110	0.120	0.290	0.210	9.8	3800	7390
27...	0.030	0.620	0.060	0.180	0.170	14	818	320
27...	0.020	0.680	0.040	0.130	0.120	12	441	31
28...	0.020	0.600	0.040	0.100	0.100	12	211	6.3
28...	0.020	0.560	0.030	0.080	0.090	11	73	2.0
28...	0.010	0.470	0.030	0.070	0.070	10	59	1.3
28...	0.010	0.450	0.030	0.070	0.060	9.1	51	0.92
29...	0.010	0.390	0.030	0.080	0.060	8.3	35	0.40

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

OTOUCALOFA CREEK BASIN STUDY--Continued

07274237 OTOUCALOFA CREEK AT PARIS, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
MAY								
28...	1830	2.1	64	6.9	19.0	7.2	180	160
29...	0300	2.1	65	7.0	18.0	--	110	110
29...	0630	2.1	65	6.9	18.0	7.5	170	200
29...	1230	2.1	64	6.8	18.0	8.0	160	210
29...	1840	2.1	65	7.0	18.5	7.4	K77	280
30...	0045	2.1	65	7.0	18.0	7.2	140	340
30...	0630	2.1	65	6.8	17.5	7.6	100	210
30...	1230	2.1	65	6.8	18.0	8.1	140	180
30...	1820	2.1	64	7.0	21.0	8.0	100	140
AUG								
27...	0630	2.5	74	6.8	29.0	5.2	100	1000
27...	1230	640	31	6.0	25.0	6.9	4800	16000
27...	1830	540	26	5.7	22.5	6.8	5200	15000
28...	0030	110	35	6.1	22.0	6.0	4000	12000
28...	0630	46	39	6.4	17.5	7.0	2000	3700
28...	1230	28	44	7.1	19.0	7.9	3300	5300
28...	1830	21	45	6.4	22.0	6.4	2200	3300
29...	0030	16	45	6.4	21.0	7.1	2900	3300
29...	0630	13	49	6.4	14.0	7.5	2600	2000

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
MAY								
28...	0.010	0.070	0.060	0.050	<0.010	3.2	86	0.49
29...	0.010	0.070	0.060	0.040	0.010	3.3	64	0.36
29...	0.010	0.070	0.060	0.070	<0.010	3.1	60	0.34
29...	0.010	0.070	0.060	0.040	<0.010	2.8	85	0.48
29...	0.010	0.070	0.060	0.030	<0.010	3.5	39	0.22
30...	0.010	0.070	0.060	0.040	<0.010	3.3	48	0.27
30...	0.010	0.070	0.060	0.040	<0.010	3.0	85	0.48
30...	0.010	0.070	0.060	0.040	<0.010	3.0	53	0.30
30...	0.010	0.070	0.050	0.030	<0.010	2.9	27	0.15
AUG								
27...	<0.010	0.030	0.040	0.050	0.020	3.4	44	0.30
27...	0.030	0.120	0.120	0.560	0.170	9.4	2890	4990
27...	0.030	0.240	0.050	0.210	0.160	14	452	659
28...	0.020	0.280	0.040	0.140	0.130	12	194	58
28...	0.020	0.250	0.040	0.120	0.100	11	110	14
28...	0.020	0.220	0.050	0.090	0.090	8.9	68	5.1
28...	0.010	0.220	0.040	0.080	0.080	8.7	58	3.3
29...	0.010	0.190	0.040	0.070	0.070	8.6	54	2.3
29...	0.010	0.170	0.040	0.080	0.060	7.4	47	1.6

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

OTOUCALOFA CREEK BASIN STUDY--Continued

07274245 OTOUCALOFA CREEK EAST OF WATER VALLEY, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
MAY								
28...	1900	7.8	52	7.2	21.0	8.5	140	100
28...	2400	7.2	61	7.2	18.5	--	160	130
29...	0700	8.2	54	6.9	18.0	8.9	240	180
29...	1300	8.5	53	7.0	20.0	8.8	120	150
29...	1915	8.2	52	7.1	19.5	9.0	180	180
30...	0140	8.2	52	7.0	18.0	8.6	220	240
30...	0700	9.1	52	7.0	17.0	8.6	150	190
30...	1300	8.5	51	7.1	22.5	9.8	K81	K81
30...	1850	7.8	52	7.1	23.5	8.4	120	K100
AUG								
27...	0700	8.8	59	6.7	28.0	5.7	440	4400
27...	1300	2240	28	6.4	24.0	7.2	7200	19000
27...	1900	1880	35	6.3	22.5	7.4	6400	17000
28...	0100	505	30	6.3	22.0	7.0	K3400	12000
28...	0700	185	32	6.5	18.0	7.8	8200	9600
28...	1300	110	34	6.4	19.0	8.2	3500	5900
28...	1900	65	35	6.2	22.5	7.4	1200	2200
29...	0100	48	36	6.3	20.0	8.1	1300	3000
29...	0700	45	39	6.6	15.0	7.7	K2000	K2100

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
MAY								
28...	0.010	0.080	0.040	0.040	<0.010	3.3	61	1.3
28...	0.010	0.090	0.040	0.040	<0.010	3.1	--	--
29...	0.010	0.090	0.040	0.040	<0.010	3.0	39	0.86
29...	0.010	0.090	0.040	0.050	<0.010	2.9	54	1.2
29...	0.010	0.090	0.040	0.030	<0.010	3.1	41	0.91
30...	0.010	0.090	0.040	0.030	<0.010	2.8	56	1.2
30...	0.010	0.090	0.040	0.040	<0.010	2.9	47	1.2
30...	0.010	0.090	0.030	0.030	<0.010	2.6	60	1.4
30...	0.010	0.080	0.040	0.040	<0.010	2.8	66	1.4
AUG								
27...	0.010	0.030	0.020	0.050	0.040	3.7	42	1.0
27...	0.040	0.070	0.070	0.500	0.240	12	1840	11100
27...	0.030	0.090	0.080	0.330	0.200	13	1110	5630
28...	0.020	0.140	0.040	0.170	0.130	12	721	983
28...	0.020	0.120	0.040	0.160	0.110	9.2	7470	3730
28...	0.020	0.120	0.030	0.120	0.090	8.2	1940	576
28...	0.020	0.120	0.030	0.100	0.080	7.4	117	21
29...	0.020	0.110	0.030	0.100	0.070	7.0	105	14
29...	0.010	0.100	0.030	0.080	0.070	6.4	79	9.6

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

OTOUCALOFA CREEK BASIN STUDY--Continued

07274247 OTOUCALOFA CREEK CANAL E-SE OF WATER VALLEY, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCEI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
MAY								
28...	1800	20	48	7.1	20.5	8.6	190	200
28...	2400	20	48	7.0	18.0	8.0	190	240
29...	0600	22	47	6.9	17.0	8.9	560	760
29...	1200	22	51	6.9	19.0	8.7	700	300
29...	1800	22	49	6.7	20.0	8.2	160	180
29...	2400	24	55	6.9	17.5	8.7	K1600	1900
30...	0600	24	--	6.9	16.0	9.0	210	200
30...	1200	23	48	6.9	23.0	8.6	120	100
30...	1800	20	46	7.1	25.0	7.9	240	120
AUG								
27...	0600	28	54	6.8	24.0	7.8	440	1400
27...	1200	1680	34	6.3	22.5	8.2	11000	K21000
27...	1800	4250	26	6.8	22.5	6.7	7800	K26000
27...	2400	1900	27	6.6	22.5	6.5	6000	16000
28...	0600	460	30	6.2	22.0	7.0	2500	15000
28...	1200	250	40	6.4	22.0	7.5	4100	5600
28...	1800	160	34	6.8	23.5	7.4	K1300	5300
28...	2400	117	34	6.8	21.5	7.7	K1300	3900
29...	0600	96	36	6.8	19.5	7.7	K1400	1800

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
MAY								
28...	0.010	0.130	0.040	0.040	<0.010	1.4	66	3.6
28...	0.010	0.130	0.040	0.060	0.020	1.1	67	3.6
29...	0.010	0.140	0.050	0.040	0.040	1.0	102	6.1
29...	0.010	0.140	0.050	0.040	0.060	1.0	61	3.6
29...	0.010	0.140	0.040	0.030	0.020	1.0	68	4.0
29...	0.010	0.140	0.040	0.030	0.020	0.8	90	5.8
30...	0.010	0.140	0.040	0.030	0.030	0.9	59	3.8
30...	0.010	0.130	0.040	0.030	0.030	0.8	80	5.0
30...	0.010	0.130	0.040	0.040	0.030	1.0	100	5.4
AUG								
27...	<0.010	0.080	0.030	0.040	0.030	2.8	34	2.6
27...	0.050	0.130	0.080	0.560	0.300	9.1	2280	10300
27...	0.040	0.060	0.070	0.330	0.190	13	1420	16300
27...	0.030	0.110	0.050	0.290	0.180	13	930	4770
28...	0.030	0.120	0.030	0.220	0.150	10	972	1210
28...	0.020	0.100	0.040	0.300	0.130	8.8	324	219
28...	0.020	0.100	0.020	0.130	0.120	8.0	213	92
28...	0.020	0.090	0.020	0.110	0.090	7.0	135	43
29...	0.010	0.090	0.020	0.100	0.080	6.6	113	29

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

HICKAHALA CREEK BASIN STUDY

07277520 HICKAHALA CREEK NEAR INDEPENDENCE, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (100 ML) (31625)	STREP- TOCOCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
22...	1200	6.2	53	6.7	17.0	10.2	<4	84
22...	1800	6.2	50	6.7	19.0	9.4	K26	84
22...	2400	6.2	52	6.6	17.5	8.0	K8	130
23...	0600	6.2	51	6.6	17.0	7.9	K52	220
23...	1200	6.2	52	6.6	18.5	8.6	K23	100
23...	1800	6.2	50	6.7	21.0	8.4	K11	88
23...	2400	6.2	53	6.6	19.0	7.0	K24	170
24...	0600	6.2	52	6.6	18.0	7.0	31	140
24...	1200	6.2	51	6.6	19.0	8.4	K5	120
JUN								
02...	1800	9.0	51	6.5	22.0	8.5	K46	K88
02...	2400	9.0	50	6.6	20.0	7.8	120	150
03...	0600	4.6	--	6.4	19.0	8.4	6000	K26000
03...	1200	320	39	6.4	20.0	8.1	5800	K41000
03...	1800	25	39	6.4	23.0	8.0	K17000	K22000
03...	2400	175	32	6.4	20.0	8.3	K26000	K46000
04...	0600	24	43	6.5	19.0	7.6	1000	K32000
04...	1200	10	44	6.4	21.0	7.7	--	13000
04...	1800	9.5	43	6.4	24.0	7.9	9000	6800
NITRO- GEN, NITRITE TOTAL (MG/L) (00615)								
NITRO- GEN, NO2+NO3 TOTAL (MG/L) (00630)								
NITRO- GEN, AMMONIA TOTAL (MG/L) (00610)								
PHOS- PHORUS TOTAL (MG/L) (00665)								
PHOS- PHORUS ORTHO TOTAL (MG/L) (70507)								
CARBON, ORGANIC TOTAL (MG/L) (00680)								
SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)								
SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)								
OCT								
22...	<0.010	0.370	0.010	0.020	0.010	0.6	6	0.10
22...	<0.010	0.320	0.010	0.030	0.010	0.8	10	0.17
22...	<0.010	0.350	0.010	0.030	0.010	0.6	11	0.18
23...	<0.010	0.370	0.010	0.040	0.010	0.6	13	0.22
23...	<0.010	0.340	0.010	0.030	0.010	0.6	10	0.17
23...	<0.010	0.280	0.010	0.030	0.010	0.8	8	0.13
23...	<0.010	0.310	0.010	0.040	0.010	0.9	15	0.25
24...	<0.010	0.340	0.010	0.030	0.010	0.7	11	0.18
24...	<0.010	0.330	0.010	0.020	0.010	0.7	8	0.13
JUN								
02...	0.010	0.400	0.020	0.030	0.020	<0.1	85	2.1
02...	0.010	0.470	0.030	0.030	0.020	<0.1	39	0.95
03...	0.090	2.40	1.30	0.790	0.400	4.2	4230	525
03...	0.180	1.10	0.410	1.00	0.480	9.9	5690	4920
03...	0.090	0.660	0.270	0.500	0.320	8.6	773	52
03...	0.120	0.760	0.510	0.780	0.440	11	1840	869
04...	0.070	0.760	0.360	0.540	0.540	8.8	249	16
04...	0.050	0.640	0.250	0.370	0.380	7.2	134	3.6
04...	0.040	0.640	0.180	0.250	0.160	5.4	97	2.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

HICKAHALA CREEK BASIN STUDY--Continued

07277530 HICKAHALA CREEK NEAR LOOXAHOMA, MS

		DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	
DATE	TIME								
OCT									
22...	1230	19	50	6.8	19.0	10.5	4	K46	
22...	1830	19	49	6.7	20.0	8.0	K4	K71	
23...	0030	19	49	6.7	18.0	7.8	K13	120	
23...	0630	19	48	6.7	17.5	8.0	540	1900	
23...	1230	19	67	7.2	20.0	8.9	K12	96	
23...	1830	19	47	6.8	22.0	8.2	K17	K81	
24...	0030	19	50	6.7	19.0	7.3	K25	120	
24...	0630	19	50	6.7	18.0	7.8	33	140	
24...	1230	19	48	6.7	20.0	9.6	K3	K43	
JUN									
02...	1830	21	44	6.5	23.5	8.4	K38	K77	
03...	0030	22	45	6.7	20.0	7.9	120	270	
03...	0630	400	--	6.4	18.5	8.6	11000	K24000	
03...	1315	405	34	6.4	20.0	8.1	400	K47000	
03...	1830	82	38	6.3	22.5	7.8	K21000	K22000	
04...	0030	395	31	6.4	20.0	7.9	9600	K27000	
04...	0630	89	41	6.4	19.0	7.6	1100	K45000	
04...	1230	44	43	6.6	21.5	7.5	--	13000	
04...	1830	34	44	6.6	24.5	7.4	8600	5500	
DATE		NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT									
22...		<0.010	0.270	0.010	0.020	0.010	0.6	6	0.31
22...		<0.010	0.230	0.010	0.020	0.010	0.6	6	0.31
23...		<0.010	0.270	0.010	0.020	0.010	0.6	7	0.36
23...		<0.010	0.290	0.010	0.030	0.020	0.7	16	0.82
23...		<0.010	0.250	0.010	0.020	0.010	0.6	6	0.31
23...		<0.010	0.210	0.010	0.020	0.010	0.6	7	0.36
24...		<0.010	0.250	0.010	0.020	0.010	0.6	7	0.36
24...		<0.010	0.280	0.010	0.020	0.010	0.6	9	0.46
24...		<0.010	0.250	0.010	0.020	0.010	0.6	9	0.46
JUN									
02...		<0.010	0.230	0.030	0.030	0.010	<0.1	33	1.9
03...		<0.010	0.310	0.030	0.030	0.010	<0.1	31	1.8
03...		0.060	0.550	0.320	0.660	0.600	5.0	5310	5730
03...		0.070	0.770	0.310	0.710	0.680	10	2070	2260
03...		0.060	0.720	0.230	0.800	0.440	7.9	1120	248
04...		0.060	0.580	0.250	0.600	0.600	6.1	2450	2610
04...		0.040	0.670	0.230	0.650	0.290	8.0	354	85
04...		0.020	0.600	0.170	0.320	0.200	6.7	132	16
04...		0.020	0.570	0.120	0.220	0.150	5.8	74	6.8

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

HICKAHALA CREEK BASIN STUDY--Continued

07277548 JAMES WOLF CREEK NEAR LOOXAHOMA, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF 100 ML (31625)	STREP- TOCOCCEI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
22...	1300	9.0	68	6.9	22.0	9.9	<4	K48
22...	1900	9.0	66	7.1	20.0	8.5	K12	210
23...	0100	9.0	68	7.0	18.0	8.5	K61	330
23...	0700	9.0	68	6.9	17.0	8.4	K190	1200
23...	1300	9.0	67	7.2	22.0	9.0	K30	200
23...	1900	9.0	66	7.1	22.0	8.0	K20	220
24...	0100	9.0	68	7.1	19.5	7.7	K20	360
24...	0700	9.0	70	7.1	18.0	8.0	K20	380
24...	1300	9.0	64	7.1	22.0	9.0	K16	96
JUN								
02...	1900	7.7	63	6.8	23.5	8.5	K81	100
03...	0100	8.2	60	6.9	21.0	7.9	K330	380
03...	0700	740	--	6.3	18.5	8.1	K21000	K21000
03...	1400	125	35	6.3	21.0	7.8	3700	K48000
03...	1900	22	43	6.3	23.0	7.6	>12000	K41000
04...	0100	75	61	6.4	20.5	7.6	>12000	K42000
04...	0700	16	38	6.4	19.0	7.8	>12000	K26000
04...	1300	11	50	6.3	23.5	7.8	--	17000
04...	1900	10	56	6.6	24.0	7.6	11000	7100
DATE		NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDEED (MG/L) (80154) (80155)
OCT								
22...		0.010	0.590	0.010	0.040	0.010	0.7	18 0.44
22...		<0.010	0.470	0.010	0.040	0.010	0.7	19 0.46
23...		0.010	0.530	0.010	0.040	0.010	0.7	21 0.51
23...		0.010	0.580	0.010	0.040	0.010	0.8	17 0.41
23...		0.010	0.520	0.010	0.040	0.010	0.8	18 0.44
23...		0.010	0.410	0.010	0.030	0.010	0.8	22 0.53
24...		0.010	0.470	<0.010	0.040	0.010	0.8	18 0.44
24...		0.010	0.550	0.010	0.030	0.010	0.7	15 0.36
24...		0.010	0.540	0.010	0.030	0.010	0.8	20 0.49
JUN								
02...		0.010	0.420	0.020	0.030	0.010	<0.3	36 0.75
03...		0.010	0.390	0.030	0.030	0.030	0.4	62 1.4
03...		0.100	0.820	0.350	1.10	0.360	6.3	4960 9910
03...		0.120	0.790	0.310	0.870	0.670	10	2780 938
03...		0.160	1.10	0.380	0.870	0.560	6.9	1370 81
04...		0.090	1.40	0.370	0.810	0.360	7.5	1550 314
04...		0.140	0.620	0.230	0.840	0.480	6.7	1050 45
04...		0.080	0.740	0.140	0.430	0.280	5.0	299 8.9
04...		0.050	0.800	0.080	0.330	0.200	1.3	183 4.9

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

HICKAHALA CREEK BASIN STUDY--Continued

07277715 SENATOBIA CREEK NEAR COMO, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
22...	1200	3.0	101	6.7	18.0	9.6	<4	160
22...	1800	3.0	99	6.6	19.5	8.8	K23	270
22...	2400	3.0	98	6.7	17.5	7.2	K20	260
23...	0600	3.0	97	6.5	17.5	6.4	260	1000
23...	1200	3.0	105	6.6	20.0	8.9	K43	250
23...	1800	3.0	98	6.6	20.5	7.4	520	360
23...	2400	3.0	97	6.7	19.0	7.2	40	200
24...	0600	3.0	96	6.6	18.0	7.0	49	140
24...	1200	3.0	96	6.7	19.5	9.0	K13	120
JUN								
02...	1800	3.8	92	6.7	21.0	8.9	K69	120
02...	2400	3.9	88	6.5	18.0	7.6	700	1600
03...	0600	103	--	6.4	18.0	8.6	4900	K17000
03...	1200	101	32	6.3	20.0	8.7	660	K29000
03...	1800	16	42	6.1	24.0	8.0	11000	14000
03...	2400	11	47	6.2	19.5	8.0	5500	12000
04...	0600	6.2	75	6.4	18.0	7.9	--	8100
04...	1200	6.4	83	6.3	20.0	8.0	--	2600
04...	1800	3.4	84	6.5	23.0	8.5	1000	780
NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)								
NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)								
NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)								
PHOS- PHORUS TOTAL (MG/L AS P) (00665)								
PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)								
CARBON, ORGANIC TOTAL (MG/L AS C) (00680)								
SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)								
SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)								
OCT								
22...	0.010	2.50	0.010	0.010	0.010	0.7	6	0.05
22...	0.010	2.40	0.010	0.030	0.010	0.9	1	0.01
22...	0.010	2.50	0.010	0.030	0.010	0.6	1	0.01
23...	0.020	2.40	0.010	0.020	0.010	1.0	3	0.02
23...	0.010	2.30	0.010	0.040	0.010	0.9	1	0.01
23...	0.010	2.20	0.010	0.010	0.010	1.0	1	0.01
23...	0.020	2.30	0.010	0.010	0.010	0.8	1	0.01
24...	0.020	2.30	0.010	0.030	0.010	0.7	4	0.03
24...	0.010	2.20	0.010	0.010	0.010	0.8	1	0.01
JUN								
02...	0.010	2.10	0.030	0.050	0.010	1.2	18	0.18
02...	0.030	2.30	0.040	0.030	0.010	4.9	78	0.82
03...	0.130	0.560	0.320	0.900	0.320	11	9530	2650
03...	0.100	0.870	0.320	0.930	0.440	9.3	1360	371
03...	0.080	1.10	0.240	0.450	0.240	4.7	281	12
03...	0.060	1.40	0.160	0.410	0.200	4.2	248	7.4
04...	0.030	2.00	0.100	0.190	0.120	3.7	63	1.1
04...	0.020	2.30	0.070	0.120	0.110	2.2	57	0.98
04...	0.020	2.30	0.050	0.090	0.070	1.4	76	0.70

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

UPPER YAZOO RIVER BASIN STUDY

07279900 COLDWATER RIVER NR DARLING, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)
JAN 17...	1030	20.89	74	7.1	5.0	380	10.8	316
MAR 26...	1030	27.81	48	6.6	12.0	220	9.0	280
MAY 11...	1100	11.76	119	7.0	21.5	150	7.1	162
JUL 21...	1300	18.61	79	7.0	28.0	120	6.1	160
SEP 09...	1130	12.55	123	7.3	27.0	75	5.7	90

DATE	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) (00625)	PHOS- PHORUS TOTAL (MG/L) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) (00666)	CARBON, ORGANIC TOTAL (MG/L) (00680)
JAN 17...	394	0.330	0.090	1.0	0.420	0.060	6.5
MAR 26...	188	0.470	0.150	1.1	0.370	0.110	7.6
MAY 11...	286	0.480	0.070	1.2	0.300	0.040	5.4
JUL 21...	251	0.550	0.340	0.96	0.310	0.100	4.8
SEP 09...	133	0.100	0.020	0.80	0.080	0.060	5.7

DATE	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG) (00339)	CALCIUM DIS- SOLVED (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)	SODIUM, DIS- SOLVED (MG/L) (00930)	SILICA, DIS- SOLVED (MG/L) AS SIO2 (00955)	NITRO- GEN,NH4 TOTAL IN BOT. MAT. (MG/KG) AS N (00611)	NITRO- GEN,NH4 TOTAL + ORG. BOT MAT (MG/KG) AS N (00626)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG) AS P (00668)	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G) AS AS (01003)	BARIUM, DIS- SOLVED (UG/L) AS BA (01005)
MAR 26...	21	1200	4.3	1.5	2.6	5.5	2.0	110	370	2	8	20
JUL 21...	19	6100	8.3	3.9	14	5.8	6.1	60	230	4	14	30

DATE	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE (01170)	LEAD, DIS- SOLVED (UG/L) AS PB (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS PB (01052)	LITHIUM DIS- SOLVED (UG/L) AS LI (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (01053)	MERCURY DIS- SOLVED (UG/L) AS HG (71890)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (71921)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI (01065)	IRON, DIS- SOLVED (UG/L) AS FE (01046)
MAR 26...	120	0.8	<1.0	<1	<5	2	<3	<5	<10	2	280
JUL 21...	120	<0.5	3.0	<1	<5	2	<3	<5	<10	2	380

DATE	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE (01170)	LEAD, DIS- SOLVED (UG/L) AS PB (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS PB (01052)	LITHIUM DIS- SOLVED (UG/L) AS LI (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (01053)	MERCURY DIS- SOLVED (UG/L) AS HG (71890)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (71921)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI (01065)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS NI (01068)
MAR 26...	3400	<10	<10	<4	27	1400	<0.1	<0.01	<10	<10	<10
JUL 21...	5100	<10	<10	<4	22	1500	<0.1	<0.01	<10	<10	<10

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

UPPER YAZOO RIVER BASIN STUDY--Continued

07279900 COLDWATER RIVER NR DARLING, MS--Continued

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT IN BOT MAT (GM/KG AS C) (00693)	CYANIDE TOTAL (MG/L AS CN) (00720)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN) (00721)
MAR 26...	<1	<1	<1.0	24	<6	13	<10	0.1	0.6	<0.010	<0.5
JUL 21...	<1	<1	<1.0	53	<6	11	10	0.2	1.0	<0.010	<0.5
DATE	AROCLOR 1016 PCB TOTAL (UG/L) (34671)	AROCLOR 1221 PCB TOTAL (UG/L) (39488)	AROCLOR 1232 PCB TOTAL (UG/L) (39492)	AROCLOR 1242 PCB TOTAL (UG/L) (39496)	AROCLOR 1248 PCB TOTAL (UG/L) (39500)	AROCLOR 1254 PCB TOTAL (UG/L) (39504)	AROCLOR 1260 PCB TOTAL (UG/L) (39508)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39333)	ALPHA BHC TOTAL (UG/L) (39337)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39076)
MAR 26...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
JUL 21...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
DATE	BETA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (39338)	BETA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34257)	DELTA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (34259)	DELTA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34262)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39351)	CHLOR- DANE CIS WATER WHOLE TOTAL (UG/L) (39062)	CHLOR- DANE TRANS WATER WHOLE TOTAL (UG/L) (39065)	P,P' DDD, TOTAL (UG/L) (39310)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	P,P' DDE, TOTAL (UG/L) (39320)
MAR 26...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	0.4	<0.04
JUL 21...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	0.8	<0.04
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	P,P' DDT, TOTAL (UG/L) (39300)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ENDO- SULFAN- I WATER WHOLE REC (UG/L) (34361)	ENDO- SULFAN BETA TOTAL (UG/L) (34356)	ENDO- SULFAN SULFATE TOTAL (UG/L) (34351)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)
MAR 26...	0.7	<0.10	1.4	<0.020	<0.1	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
JUL 21...	<0.1	<0.10	<0.2	<0.020	0.4	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
DATE	ENDRIN ALDE- HYDE TOTAL (UG/L) (34366)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39343)	METH- OXY- CHLOR, TOT. IN BOT- TOM MA- TERIAL (UG/KG) (39481)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39758)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)
MAR 26...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<0.1	<0.1	<1	<1.0
JUL 21...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<0.1	<0.1	<1	<1.0
DATE	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG) (81886)	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39730)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39731)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82183)	2,4-DP, IN BOTTOM MAT. (UG/KG) (34609)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39740)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39741)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39760)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39761)
MAR 26...	<1.00	<2	<10	0.20	<0.1	<0.01	<0.1	<0.01	<0.1	<0.01	<0.1
JUL 21...	<1.00	<2	<10	0.15	--	<0.01	--	<0.01	--	<0.01	--

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

UPPER YAZOO RIVER BASIN STUDY--Continued

07281000 TALLAHATCHIE RIVER AT SWAN LAKE, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)
JAN 17...	1200	27.40	46	7.1	6.0	93	11.2	100
MAR 26...	1245	27.83	51	6.7	12.5	140	9.6	170
MAY 11...	1215	7.42	142	7.0	22.0	43	7.6	30
JUL 21...	1500	11.80	123	7.0	29.5	140	5.7	196
SEP 09...	1240	16.39	63	7.1	27.5	53	6.6	88

DATE	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N) (00625)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P) (00666)	CARBON, ORGANIC TOTAL (MG/L) AS C) (00680)
JAN 17...	172	0.190	0.090	0.72	0.150	0.030	4.8
MAR 26...	242	0.290	0.090	0.77	0.240	0.100	6.1
MAY 11...	168	0.340	0.030	0.71	0.140	0.040	2.5
JUL 21...	296	0.620	0.070	1.4	0.290	0.090	4.5
SEP 09...	82	0.350	0.030	0.52	0.160	0.050	4.3

DATE	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG) (00339)	CALCIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	NITRO- GEN,NH4 TOTAL IN BOT. MAT. (MG/KG) AS N) (00611)	NITRO- GEN,NH4 + ORG. TOT IN BOT MAT (MG/KG) AS N) (00626)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG) AS P) (00668)	ARSENIC DIS- SOLVED (UG/L) AS AS) (01000)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G) AS AS) (01003)	BARIUM, DIS- SOLVED (UG/L) AS BA) (01005)
MAR 26...	23	1700	4.2	1.4	2.5	5.8	1.4	80	250	<1	5	21
JUL 21...	26	3500	14	4.5	5.0	7.1	1.9	30	77	2	7	41

DATE	BARIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS BA) (01008)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L) AS CD) (01025)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CD) (01028)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR) (01030)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CR) (01029)	COBALT, DIS- SOLVED (UG/L) AS CO) (01035)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CO) (01038)	COPPER, DIS- SOLVED (UG/L) AS CU) (01040)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CU) (01043)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)
MAR 26...	40	<0.5	<1.0	<1	<5	2	<3	<5	<10	2	310
JUL 21...	20	<0.5	<1.0	<1	<5	2	<3	<5	<10	<1	100

DATE	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE) (01170)	LEAD, DIS- SOLVED (UG/L) AS PB) (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS PB) (01052)	LITHIUM DIS- SOLVED (UG/L) AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY DIS- SOLVED (UG/L) AS HG) (71890)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG) (71921)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI) (01065)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS NI) (01068)
MAR 26...	2900	<10	<10	<4	28	500	<0.1	<0.01	<10	<10	<10
JUL 21...	1700	<10	<10	<4	18	370	<0.1	<0.01	<10	<10	<10

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

UPPER YAZOO RIVER BASIN STUDY--Continued

07281000 TALLAHATCHIE RIVER AT SWAN LAKE, MS--Continued

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, RECov. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	CARBON, INOR- GANIC, TOT. IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (MG/L AS CN) (00720)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN) (00721)
MAR 26...	<1	<1	1.0	29	<6	14	<10	<0.1	0.5	<0.010	<0.5
JUL 21...	<1	<1	<1.0	72	<6	<3	<10	<0.1	0.7	<0.010	<0.5
DATE	AROCLOR 1016 PCB TOTAL (UG/L) (34671)	AROCLOR 1221 PCB TOTAL (UG/L) (39488)	AROCLOR 1232 PCB TOTAL (UG/L) (39492)	AROCLOR 1242 PCB TOTAL (UG/L) (39496)	AROCLOR 1248 PCB TOTAL (UG/L) (39500)	AROCLOR 1254 PCB TOTAL (UG/L) (39504)	AROCLOR 1260 PCB TOTAL (UG/L) (39508)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39337)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39076)
MAR 26...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
JUL 21...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
DATE	BETA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (39338)	BETA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34257)	DELTA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (34259)	DELTA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34262)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, CIS WATER WHOLE TOTAL (UG/L) (39351)	CHLOR- DANE, TRANS WATER WHOLE TOTAL (UG/L) (39062)	CHLOR- DANE, TRANS WATER WHOLE TOTAL (UG/L) (39065)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39310)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)	P,P' DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39320)
MAR 26...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	0.2	<0.04
JUL 21...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	0.2	<0.04
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	P,P' DDT, TOTAL (UG/L) (39300)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39383)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ENDO- SULFAN- I WATER WHOLE REC (UG/L) (34361)	ENDO- SULFAN BETA SULFATE TOTAL (UG/L) (34356)	ENDO- SULFAN BETA SULFATE TOTAL (UG/L) (34351)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39393)
MAR 26...	0.3	<0.10	0.5	<0.020	<0.1	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
JUL 21...	<0.1	<0.10	<0.1	<0.020	0.3	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
DATE	ENDRIN ALDE- HYDE TOTAL (UG/L) (34366)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/L) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39481)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39758)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)
MAR 26...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<0.1	<0.1	<1	<1.0
JUL 21...	<0.20	<0.030	<0.2	<0.80	<0.1	<0.030	<0.1	<0.1	<0.1	<1	<1.0
DATE	PER- THANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (81886)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39403)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39730)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39731)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82183)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (34609)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39740)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39741)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39760)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39761)
MAR 26...	<1.00	<2	<10	0.14	<0.1	<0.01	<0.1	<0.01	<0.1	<0.01	<0.1
JUL 21...	<1.00	<2	<10	0.15	--	<0.01	--	<0.01	--	<0.01	--

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

UPPER YAZOO RIVER BASIN STUDY--Continued

07287000 YAZOO RIVER AT GREENWOOD, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDE (MG/L) (00530)
JAN 17...	1315	29.62	50	7.1	6.5	98	10.9	112
MAR 26...	1400	25.81	55	6.6	13.0	170	9.5	222
MAY 11...	1330	9.92	161	7.1	22.5	43	8.4	58
JUL 22...	1015	14.00	112	6.8	29.0	120	5.4	132
SEP 09...	1320	15.78	73	7.0	28.0	67	6.6	84

DATE	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) (00625)	PHOS- PHORUS TOTAL (MG/L) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) (00666)	CARBON, ORGANIC TOTAL (MG/L) (00680)
JAN 17...	170	0.210	0.060	0.69	0.150	0.030	5.6
MAR 26...	318	0.270	0.070	0.87	0.270	0.090	6.2
MAY 11...	176	0.170	0.020	0.75	0.140	0.040	2.5
JUL 22...	234	0.720	0.050	0.93	0.250	0.080	4.6
SEP 09...	72	0.120	0.030	0.54	0.140	0.040	4.3

DATE	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG) (00339)	CALCIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	NITRO- GEN, NH4 TOTAL IN BOT. MAT. AS N) (00611)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT AS N) (00626)	PHOS- PHORUS TOTAL IN BOT. MAT. AS P) (00668)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL SOLVED (UG/L) AS AS) (01000)	BARIUM, SOLVED (UG/L) AS BA) (01005)
MAR 26...	19	<100	4.4	1.6	2.8	5.7	1.0	60	230	1	4
JUL 22...	23	3000	11	3.7	5.5	7.9	1.0	30	77	2	7

DATE	BARIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS BA) (01008)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE) (01010)	CADMIUM DIS- SOLVED (UG/L) AS CD) (01025)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CD) (01028)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR) (01030)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CO) (01029)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS CO) (01035)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS CO) (01038)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS CU) (01040)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS CU) (01043)	IRON, DIS- SOLVED (UG/L) AS FE) (01046)
MAR 26...	20	<0.5	<1.0	<1	<5	1	<3	<5	<10	<1	200
JUL 22...	30	<0.5	1.0	<1	<5	<1	<3	<5	<10	<1	140

DATE	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE) (01170)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS PB) (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS PB) (01052)	LITHIUM DIS- SOLVED (UG/L) AS LI) (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN) (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG) (01053)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS HG) (01053)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS HG) (01053)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO) (01060)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS NI) (01065)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/L) AS NI) (01068)
MAR 26...	1200	<10	<10	<4	39	290	<0.1	<0.01	<10	<10	<10
JUL 22...	1600	<10	<10	<4	17	430	<0.1	<0.01	<10	<10	<10

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

UPPER YAZOO RIVER BASIN STUDY--Continued

07287000 YAZOO RIVER AT GREENWOOD, MS--Continued

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, RECov. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (MG/L AS CN) (00720)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN) (00721)
MAR 26...	<1	<1	1.0	31	<6	20	<10	<0.1	0.3	<0.010	<0.5
JUL 22...	<1	<1	<1.0	63	<6	6	<10	<0.1	0.6	<0.010	<0.5
DATE	AROCLOR 1016 PCB TOTAL (UG/L) (34671)	AROCLOR 1221 PCB TOTAL (UG/L) (39488)	AROCLOR 1232 PCB TOTAL (UG/L) (39492)	AROCLOR 1242 PCB TOTAL (UG/L) (39496)	AROCLOR 1248 PCB TOTAL (UG/L) (39500)	AROCLOR 1254 PCB TOTAL (UG/L) (39504)	AROCLOR 1260 PCB TOTAL (UG/L) (39508)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39333)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39337)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39076)
MAR 26...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
JUL 22...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
DATE	BETA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (39338)	BETA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34257)	DELTA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (34259)	DELTA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34262)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39351)	CHLOR- DANE CIS WATER WHOLE TOTAL (UG/L) (39062)	CHLOR- DANE TRANS WATER WHOLE TOTAL (UG/L) (39065)	P,P' DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39310)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39363)	P,P' DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39320)
MAR 26...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	1.5	<0.04
JUL 22...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	0.3	<0.04
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	P,P' DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39300)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39383)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39391)	ENDO- SULFAN I WATER WHOLE REC TOTAL (UG/L) (34361)	ENDO- SULFAN BETA TOTAL TOTAL (UG/L) (34356)	ENDO- SULFAN SULFATE TOTAL TOTAL (UG/L) (34351)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)
MAR 26...	0.9	<0.10	0.9	<0.020	<0.1	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
JUL 22...	<0.1	<0.10	<0.1	<0.020	0.3	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
DATE	ENDRIN ALDE- HYDE TOTAL (UG/L) (34366)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOT- TOM MA- TERIAL (UG/L) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39481)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39758)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)
MAR 26...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<1.0	<0.1	<1	<1.0
JUL 22...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<0.1	<0.1	<1	<1.0
DATE	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG) (81886)	TOX- APHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39403)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39730)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39731)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82183)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (34609)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39740)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39741)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39760)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39761)
MAR 26...	<1.00	<2	<10	0.20	<0.1	<0.01	<0.1	<0.01	<0.1	<0.01	<0.1
JUL 22...	<1.00	<2	<10	0.14	--	<0.01	--	<0.01	--	<0.01	--

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

ABIACA CREEK BASIN STUDY

07287141 ABIACA CREEK NR COILA, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCEI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR								
20...	1300	38	41	6.2	18.5	8.3	K13000	K12000
20...	1900	7.8	48	6.8	20.0	8.7	K18000	K18000
21...	0100	5.5	54	7.0	17.0	8.3	5800	5200
21...	0700	4.9	60	7.1	15.5	9.2	3000	3600
21...	1300	4.1	65	6.7	20.0	9.2	4100	980
21...	1900	3.8	65	6.8	20.0	9.5	840	730
22...	0100	3.7	69	6.9	16.0	10.4	580	940
22...	0700	3.7	72	7.1	14.0	10.8	540	800
22...	1300	3.7	72	6.6	21.0	9.2	280	320
AUG								
24...	1200	0.99	83	7.0	22.5	8.2	280	400
24...	1800	0.99	64	7.1	25.5	7.8	160	280
24...	2400	0.99	76	7.1	24.0	7.5	460	700
25...	0600	0.99	65	7.0	23.0	7.7	180	480
25...	1200	0.99	64	6.9	24.0	8.8	580	580
25...	1800	0.99	62	7.0	26.0	8.1	180	660
25...	2400	1.0	63	7.0	24.0	7.2	160	280
26...	0600	0.99	63	7.0	23.0	7.3	120	120
26...	1200	0.99	69	6.7	24.0	8.0	160	520

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
APR								
20...	0.090	0.970	0.660	0.200	0.200	13	707	73
20...	0.050	0.710	0.510	0.210	0.210	9.4	153	3.2
21...	0.030	0.270	0.230	0.140	0.130	6.3	111	1.6
21...	0.020	0.160	0.150	0.090	0.080	5.2	71	0.94
21...	0.010	0.130	0.120	0.070	0.060	3.0	92	1.0
21...	0.010	0.120	0.090	0.060	0.060	3.2	82	0.84
22...	0.010	0.130	0.090	0.050	0.040	2.6	85	0.85
22...	0.010	0.130	0.110	0.050	0.030	2.0	83	0.83
22...	0.010	0.120	0.100	0.030	0.030	3.0	85	0.85
AUG								
24...	<0.010	0.060	0.020	0.070	0.020	1.7	25	0.07
24...	<0.010	0.060	0.020	0.040	0.030	1.7	17	0.05
24...	<0.010	0.070	0.010	0.030	0.020	1.7	13	0.03
25...	<0.010	0.070	0.020	0.050	0.020	1.3	28	0.08
25...	<0.010	0.060	0.010	0.050	0.020	2.5	19	0.05
25...	<0.010	0.060	0.010	0.030	0.020	1.3	24	0.06
25...	<0.010	0.070	0.010	0.080	0.020	1.4	17	0.05
26...	<0.010	0.060	0.020	0.030	0.020	1.7	19	0.05
26...	<0.010	0.060	0.020	0.020	0.020	1.3	20	0.05

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

ABIACA CREEK BASIN STUDY--Continued

07287142 ABIACA CREEK NR BLACK HAWK, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR								
20...	1320	13	63	6.6	21.0	8.3	K29000	K8400
20...	1920	11	61	6.6	22.0	8.2	4000	2100
21...	0120	11	61	6.8	20.5	8.0	980	830
21...	0720	11	58	7.0	20.0	8.3	1100	940
21...	1320	10	70	6.7	22.0	9.6	840	540
21...	1920	10	61	6.7	21.0	9.7	2700	690
22...	0120	9.8	61	6.9	20.0	8.8	530	330
22...	0720	9.5	61	7.0	19.5	8.9	280	210
22...	1320	9.2	62	6.6	22.5	9.0	160	K100
AUG								
24...	1230	2.3	92	6.7	23.5	6.5	K46	120
24...	1830	2.3	88	6.5	26.5	6.1	K56	180
25...	0030	2.4	79	6.6	25.0	5.1	K60	260
25...	0630	2.3	85	6.6	23.0	5.6	K28	180
25...	1230	2.3	85	6.7	25.5	7.0	240	120
25...	1830	2.3	81	6.6	27.0	6.2	K32	120
26...	0030	2.3	81	6.7	25.5	5.2	K58	180
26...	0630	2.3	86	6.7	24.0	5.0	K45	430
26...	1230	2.3	93	6.7	25.5	6.7	K31	K88

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
APR								
20...	0.030	0.350	0.220	0.310	0.180	3.1	175	6.1
20...	0.010	0.050	0.060	0.120	0.070	4.4	159	4.7
21...	0.010	0.040	0.070	0.080	0.050	3.2	124	3.7
21...	0.010	0.050	0.060	0.090	0.060	3.0	110	3.3
21...	0.020	0.080	0.060	0.090	0.060	1.8	92	2.5
21...	0.020	0.100	0.080	0.100	0.070	2.1	94	2.5
22...	0.020	0.080	0.060	0.090	0.060	3.2	77	2.0
22...	0.010	0.080	0.060	0.090	0.060	3.1	108	2.8
22...	0.010	0.080	0.040	0.090	0.060	3.4	149	3.7
AUG								
24...	<0.010	0.110	0.080	0.040	0.020	3.5	23	0.14
24...	0.010	0.110	0.070	0.040	0.030	3.7	20	0.12
25...	0.010	0.110	0.080	0.050	0.030	3.5	40	0.26
25...	0.010	0.110	0.140	0.050	0.020	3.6	35	0.22
25...	<0.010	0.110	0.060	0.070	0.020	3.4	25	0.16
25...	<0.010	0.100	0.050	0.060	0.020	3.2	20	0.12
26...	<0.010	0.100	0.070	0.030	0.030	3.3	39	0.24
26...	<0.010	0.110	0.080	0.070	0.030	5.8	32	0.20
26...	<0.010	0.100	0.060	0.030	0.020	3.4	21	0.13

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

ABIACA CREEK BASIN STUDY--Continued

07287144 ABIACA CREEK AT BLACK HAWK, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR								
20...	1340	112	52	6.5	19.5	8.3	K20000	K18000
20...	1940	66	59	7.0	21.5	8.3	K11000	7400
21...	0140	50	65	7.1	19.5	8.4	5700	K12000
21...	0740	40	68	7.1	19.0	8.2	5400	7800
21...	1340	35	71	6.9	22.5	9.0	2900	1700
21...	1940	34	74	6.8	21.0	9.6	2800	1700
22...	0140	33	72	7.0	18.5	9.5	2500	1500
22...	0740	25	73	7.1	16.0	8.7	1000	1200
22...	1340	24	74	6.9	23.0	9.7	560	360
AUG								
24...	1300	6.5	91	7.0	24.5	8.6	270	160
24...	1900	6.5	87	6.8	26.5	7.9	280	300
25...	0100	6.5	89	6.7	24.0	6.9	1100	600
25...	0700	6.5	91	6.9	22.5	6.8	560	470
25...	1300	6.5	91	6.9	25.0	8.6	200	200
25...	1900	6.5	88	6.8	27.0	7.8	460	410
26...	0100	6.5	91	6.9	24.0	6.4	200	780
26...	0700	6.4	92	7.0	23.5	6.5	200	420
26...	1300	6.4	98	6.9	25.0	8.5	K96	200

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- SUS- PENDE (T/DAY) (80155)
APR								
20...	0.040	0.270	0.140	0.530	0.330	5.5	705	213
20...	0.020	0.110	0.070	0.250	0.130	4.3	319	57
21...	0.020	0.170	0.080	0.230	0.140	4.4	246	33
21...	0.020	0.120	0.060	0.190	0.100	3.8	184	20
21...	0.010	0.130	0.040	0.160	0.100	3.9	124	12
21...	0.010	0.130	0.040	0.150	0.090	3.5	139	13
22...	0.020	0.150	0.070	0.150	0.090	3.6	149	13
22...	0.010	0.140	0.050	0.150	0.080	3.6	105	7.1
22...	0.010	0.120	0.030	0.120	0.070	3.6	113	7.3
AUG								
24...	0.010	0.170	0.020	0.080	0.040	4.7	15	0.26
24...	<0.010	0.130	0.010	0.080	0.050	2.9	15	0.26
25...	0.010	0.170	0.030	0.130	0.050	3.0	39	0.68
25...	0.010	0.210	0.050	0.070	0.040	3.0	25	0.44
25...	<0.010	0.180	0.030	0.070	0.040	2.6	13	0.23
25...	<0.010	0.140	0.020	0.060	0.040	2.5	13	0.23
26...	<0.010	0.160	0.030	0.070	0.050	2.4	28	0.49
26...	<0.010	0.190	0.050	0.090	0.040	3.9	25	0.43
26...	0.010	0.180	0.040	0.050	0.040	2.4	12	0.21

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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YAZOO RIVER BASIN--Continued

ABIACA CREEK BASIN STUDY--Continued

07287147 COILA CREEK AT SEVEN PINES, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR								
20...	1400	180	49	6.6	20.5	9.1	K10000	K12000
20...	2000	130	61	6.9	20.5	8.8	E30000	9100
21...	0200	99	58	7.0	19.0	8.4	K8500	7700
21...	0800	72	63	7.0	18.0	8.6	2000	8700
21...	1400	57	65	6.9	24.0	9.0	5700	4000
21...	2000	55	66	6.7	21.0	9.4	3100	4500
22...	0200	53	68	6.9	18.0	9.6	2100	3800
22...	0800	46	70	7.0	17.5	9.8	1200	1200
22...	1400	42	71	6.9	25.0	9.6	620	230
AUG								
24...	1330	16	91	6.9	28.5	8.2	190	100
24...	1930	16	89	6.8	27.5	6.6	200	160
25...	0130	16	88	6.7	24.5	6.9	200	420
25...	0730	16	90	6.9	22.5	7.0	100	1200
25...	1300	16	88	7.0	28.5	8.2	100	K100
25...	1930	16	88	6.9	28.0	6.6	160	140
26...	0130	16	89	6.9	24.5	6.6	190	280
26...	0730	16	88	6.9	23.0	7.0	130	420
26...	1330	16	91	6.9	26.5	7.8	120	170

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
APR								
20...	0.070	0.370	0.170	0.570	0.500	5.2	758	368
20...	0.030	0.160	0.070	0.320	0.240	4.2	224	79
21...	0.030	0.130	0.060	0.270	0.180	3.6	196	52
21...	0.030	0.130	0.060	0.250	0.170	3.8	211	41
21...	0.020	0.120	0.040	0.210	0.150	3.7	210	32
21...	0.020	0.120	0.040	0.210	0.140	3.6	149	22
22...	0.020	0.120	0.050	0.180	0.130	3.8	147	21
22...	0.010	0.120	0.050	0.160	0.110	4.1	101	13
22...	0.010	0.120	0.040	0.150	0.110	3.6	102	12
AUG								
24...	<0.010	0.120	0.020	0.060	0.020	2.0	18	0.78
24...	<0.010	0.110	0.020	0.160	0.020	2.2	20	0.86
25...	<0.010	0.130	0.030	0.100	0.020	1.9	55	2.4
25...	<0.010	0.150	0.040	0.080	0.020	1.6	19	0.82
25...	<0.010	0.110	0.010	0.060	0.020	2.0	10	0.43
25...	0.010	0.100	0.020	0.060	0.030	1.9	30	1.3
26...	<0.010	0.130	0.030	0.090	0.020	1.7	40	1.7
26...	<0.010	0.140	0.040	0.060	0.020	1.5	20	0.86
26...	<0.010	0.120	0.030	0.060	0.030	1.9	19	0.82

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

BLACK CREEK BASIN STUDY

07287330 FANNEGUSHA CREEK NR ITUMA, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
JAN								
22...	0840	35	84	7.0	7.0	12.0	400	390
22...	1340	33	67	7.1	9.0	11.3	480	360
22...	1900	38	86	7.0	9.0	10.5	440	260
23...	0100	39	86	7.2	9.5	10.5	940	380
23...	0800	36	84	7.1	9.5	9.8	680	420
23...	1320	34	86	7.1	11.0	9.9	K350	260
23...	1900	32	81	7.1	10.0	9.8	480	260
24...	0100	29	90	7.2	10.5	10.2	440	100
24...	0740	26	92	7.1	8.0	11.0	240	140
AUG								
24...	1200	6.6	121	6.9	26.0	--	310	400
24...	1800	6.6	122	7.2	26.5	5.8	280	200
24...	2400	8.0	119	7.0	25.5	6.6	440	460
25...	0600	6.3	119	7.0	25.0	6.8	K380	740
25...	1200	6.3	123	7.1	27.0	7.7	140	250
25...	1800	6.3	118	7.2	29.5	6.7	190	150
25...	2400	6.2	119	7.3	26.0	6.5	100	160
26...	0600	6.3	122	7.1	27.0	6.4	3600	200
26...	1200	6.3	125	7.2	29.0	7.7	600	220

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
JAN								
22...	0.010	0.100	0.040	0.100	0.080	4.2	46	4.3
22...	0.010	0.110	0.040	0.100	0.080	4.4	46	4.1
22...	0.010	0.110	0.040	0.090	0.070	4.0	63	6.5
23...	0.020	0.100	0.040	0.110	0.080	3.8	87	9.2
23...	0.010	0.110	0.040	0.100	0.080	4.6	42	4.1
23...	0.010	0.100	0.040	0.090	0.070	3.8	39	3.6
23...	0.010	0.100	0.030	0.090	0.070	4.4	40	3.5
24...	0.010	0.100	0.020	0.090	0.070	4.3	30	2.3
24...	0.010	0.090	0.040	0.080	0.070	4.4	84	5.9
AUG								
24...	0.010	0.100	0.070	0.120	0.080	4.7	36	0.64
24...	0.010	0.060	0.050	0.090	0.060	3.2	27	0.48
24...	<0.010	0.050	0.040	0.080	0.050	2.7	33	0.71
25...	<0.010	0.040	0.040	0.070	0.050	2.4	35	0.60
25...	0.010	0.070	0.040	0.080	0.050	2.5	38	0.65
25...	<0.010	0.040	0.020	0.070	0.050	2.4	24	0.41
25...	<0.010	0.030	0.030	0.060	0.040	2.2	29	0.49
26...	<0.010	0.030	0.040	0.050	0.040	4.0	29	0.49
26...	<0.010	0.020	0.030	0.050	0.040	2.2	23	0.39

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

BLACK CREEK BASIN STUDY--Continued

07287375 BLACK CREEK AT BOWLING GREEN, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
JAN								
22...	0640	20	72	6.9	7.0	12.1	1100	430
22...	1200	27	60	6.9	8.5	11.6	1100	420
22...	1800	48	71	6.8	8.5	11.8	2100	1300
22...	2400	52	65	7.1	8.5	10.8	K1600	1200
23...	0600	46	64	7.0	9.5	11.6	3400	1800
23...	1200	39	66	6.9	11.0	10.2	3400	1500
23...	1800	36	69	7.0	10.0	10.0	4400	2200
23...	2400	28	75	7.1	10.0	9.8	880	860
24...	0600	20	70	7.0	9.0	10.6	1100	700
AUG								
24...	1230	5.5	89	6.8	26.0	--	560	410
24...	1830	5.5	82	7.1	26.0	8.0	K360	220
25...	0030	5.6	87	7.1	25.0	5.6	190	240
25...	0650	5.5	87	6.6	23.5	6.5	210	330
25...	1235	5.5	90	6.9	26.0	10.2	150	140
25...	1830	5.5	88	7.1	29.0	8.5	120	130
26...	0030	5.5	87	7.2	28.5	5.7	200	260
26...	0635	5.6	92	6.7	26.0	6.0	K72	120
26...	1230	5.6	94	7.0	28.0	9.3	K69	140

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
JAN								
22...	0.010	0.090	0.030	0.090	0.070	5.8	31	1.7
22...	0.020	0.080	0.020	0.100	0.080	5.2	36	2.6
22...	0.020	0.080	0.020	0.110	0.080	5.1	65	8.4
22...	0.020	0.090	0.030	0.140	0.120	6.5	77	11
23...	0.020	0.090	0.030	0.150	0.130	7.3	158	20
23...	0.020	0.090	0.030	0.140	0.120	7.7	52	5.5
23...	0.020	0.090	0.040	0.140	0.120	6.7	47	4.6
23...	0.020	0.090	0.040	0.130	0.110	--	52	3.9
24...	0.020	0.090	0.040	0.150	0.080	--	--	--
AUG								
24...	0.010	0.090	0.020	0.130	0.090	4.6	33	0.49
24...	0.010	0.070	0.010	0.110	0.090	5.0	30	0.45
25...	0.010	0.070	0.020	0.110	0.080	4.8	27	0.41
25...	0.010	0.050	0.020	0.110	0.080	4.2	27	0.40
25...	0.010	0.030	0.010	0.110	0.070	3.9	21	0.31
25...	<0.010	<0.020	<0.010	0.080	0.070	3.3	22	0.33
26...	<0.010	<0.020	0.010	0.070	0.060	3.8	29	0.43
26...	<0.010	<0.020	0.010	0.090	0.050	3.2	26	0.39
26...	<0.010	<0.020	0.010	0.070	0.050	3.1	19	0.29

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YA200 RIVER BASIN--Continued

BLACK CREEK BASIN STUDY--Continued

07287405 BLACK CREEK AT HOWARD, MS

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (000611)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
JAN								
22...	0630	140	120	7.6	7.0	11.5	3000	1000
22...	1230	140	122	7.3	7.0	11.4	K1700	820
22...	1830	141	130	7.4	7.5	11.2	K1700	660
23...	0030	141	130	7.4	9.0	11.3	K1500	440
23...	0630	175	130	7.4	9.0	10.8	2400	940
23...	1230	260	123	7.4	10.0	10.6	2800	1000
23...	1830	205	120	7.3	10.0	10.4	K1400	1100
24...	0030	165	125	7.5	10.0	11.3	1200	840
24...	0630	135	118	7.4	11.5	11.6	3400	520
AUG								
24...	1230	90	116	7.2	27.0	7.1	280	180
24...	1830	70	117	7.3	27.0	8.1	200	110
25...	0030	57	124	7.1	27.0	7.0	160	120
25...	0630	51	126	7.2	27.0	6.6	150	150
25...	1230	49	135	7.5	27.0	6.5	110	K85
25...	1830	49	148	7.4	27.0	6.5	220	130
26...	0030	49	150	7.5	27.0	8.0	140	100
26...	0630	48	156	7.5	27.5	6.0	170	100
26...	1230	47	160	7.5	28.0	6.5	K92	K92

DATE	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
JAN								
22...	0.020	0.130	0.060	0.110	0.110	5.3	37	14
22...	0.020	0.120	0.060	0.140	0.100	6.3	80	30
22...	0.020	0.120	0.080	0.120	0.090	5.8	35	13
23...	0.020	0.120	0.060	0.120	0.100	5.4	33	13
23...	0.020	0.120	0.090	0.130	0.100	5.4	40	19
23...	0.020	0.120	0.080	0.140	0.120	5.5	57	40
23...	0.020	0.110	0.060	0.140	0.110	6.1	55	30
24...	0.020	0.110	0.040	0.130	0.110	5.8	64	29
24...	0.020	0.110	0.040	0.130	0.100	5.4	44	16
AUG								
24...	0.030	0.260	0.060	0.300	0.200	5.9	248	60
24...	0.020	0.270	0.050	0.230	0.160	5.0	89	17
25...	0.020	0.230	0.080	0.180	0.130	4.6	61	9.4
25...	0.010	0.210	0.080	0.150	0.110	4.2	176	24
25...	0.010	0.200	0.080	0.150	0.100	4.9	58	7.7
25...	0.010	0.180	0.050	0.130	0.080	4.0	88	12
26...	0.010	0.170	0.050	0.120	0.080	3.5	46	6.1
26...	0.010	0.170	0.060	0.120	0.070	3.1	43	5.6
26...	0.010	0.150	0.050	0.140	0.070	4.2	134	17

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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YAZOO RIVER BASIN--Continued

STEELE BAYOU BASIN STUDY

07288830 BLACK BAYOU NR HOLLANDALE, MS

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

STEELE BAYOU BASIN STUDY--Continued

07288830 BLACK BAYOU NR HOLLANDALE, MS--Continued

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CYANIDE TOTAL (MG/L AS CN) (00720)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN) (00721)
MAR 25...	<1	<1	1.0	89	<6	12	230	0.5	14	<0.010	<0.5
JUL 22...	<1	<1	<1.0	220	<6	5	70	2.2	20	<0.010	<0.5
DATE	AROCLOR 1016 PCB TOTAL (UG/L) (34671)	AROCLOR 1221 PCB TOTAL (UG/L) (39488)	AROCLOR 1232 PCB TOTAL (UG/L) (39492)	AROCLOR 1242 PCB TOTAL (UG/L) (39496)	AROCLOR 1248 PCB TOTAL (UG/L) (39500)	AROCLOR 1254 PCB TOTAL (UG/L) (39504)	AROCLOR 1260 PCB TOTAL (UG/L) (39508)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39333)	ALPHA BHC TOTAL (UG/L) (39337)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39076)
MAR 25...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	0.3	<0.03	<0.1
JUL 22...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	0.4
DATE	BETA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (39338)	BETA BENZENE HEXA- CHLOR- IDE BOT. MAT (UG/KG) (34257)	DELTA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (34259)	DELTA BENZENE HEXA- CHLOR- IDE BOT. MAT (UG/KG) (34262)	CHLOR- DANE, TOTAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39351)	CHLOR- DANE, CIS WATER WHOLE TOTAL (UG/L) (39062)	CHLOR- DANE, TRANS WATER WHOLE TOTAL (UG/L) (39065)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39310)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	P,P' DDE, TOTAL (UG/L) (39320)
MAR 25...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	31	<0.04
JUL 22...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	56	<0.04
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	P,P' DDT, TOTAL (UG/L) (39300)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN, TOTAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ENDO- SULFAN- I WATER WHOLE TOTAL (UG/L) (34361)	ENDO- SULFAN BETA TOTAL (UG/L) (34356)	ENDO- SULFAN SULFATE TOTAL (UG/L) (34351)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)
MAR 25...	29	<0.10	16	<0.020	<0.1	<0.1	<0.10	<0.04	<0.60	<0.060	2.2
JUL 22...	66	<0.10	14	<0.020	2.7	12	<0.10	<0.04	<0.60	<0.060	<0.1
DATE	ENDRIN ALDE- HYDE TOTAL (UG/L) (34366)	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOT. IN BOTTOM MATL. (UG/KG) (39423)	LINDANE TOTAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39343)	METH- OXY- CHLOR, TOT. IN BOTTOM MATL. (UG/KG) (39481)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39758)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39521)
MAR 25...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	0.2	<1.0	<0.2	<1	<1.0
JUL 22...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<0.1	<0.1	<1	<1.0
DATE	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG) (81886)	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	2,4-D, TOTAL (UG/L) (39730)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39731)	2,4-DP, TOTAL (UG/L) (82183)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (34609)	2,4,5-T TOTAL (UG/L) (39740)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39741)	SILVEX, TOTAL (UG/L) (39760)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39761)
MAR 25...	<1.00	<2	<10	0.47	<0.1	<0.01	<0.1	<0.01	<0.1	<0.01	<0.1
JUL 22...	<1.00	<2	<10	4.9	--	<0.01	--	<0.01	--	<0.01	--

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

STEELE BAYOU BASIN STUDY--Continued

07288842 GRANICUS BAYOU NR HOLLANDALE, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L) (00530)
JAN 16...	1130	1.16	206	6.5	4.0	200	11.4	232
MAR 25...	1230	1.36	326	8.3	16.0	89	11.0	150
MAY 12...	1000	.98	1170	7.6	22.0	38	6.1	80
JUL 22...	1315	.91	482	7.6	29.0	31	7.3	68
SEP 08...	1320	1.13	--	7.6	29.0	90	5.6	84

DATE	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)	CARBON, ORGANIC TOTAL (MG/L) AS C (00680)
JAN 16...	262	0.810	0.270	1.6	0.330	0.060	9.1
MAR 25...	218	0.760	0.380	3.6	0.320	0.120	12
MAY 12...	814	0.410	0.090	1.3	0.140	0.060	8.0
JUL 22...	376	0.940	0.340	2.1	0.210	0.100	7.1
SEP 08...	448	0.020	<0.010	1.7	0.400	0.220	9.8

DATE	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG) (00339)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	SILICA, DIS- SOLVED (MG/L) AS SIO2 (00955)	NITRO- GEN, NH4 TOTAL IN BOT. MAT. (MG/KG) AS N (00611)	NITRO- GEN, NH4 + ORG. TOT IN BOT MAT (MG/KG) AS N (00626)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG) AS P (00668)	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G) AS AS (01003)	BARIUM, DIS- SOLVED (UG/L) AS BA (01005)
MAR 25...	41	24000	29	12	22	2.5	62	1500	1100	2	11	64
JUL 22...	53	38000	42	16	39	14	48	1300	1600	4	30	96

DATE	BARIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS BA (01008)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE (01010)	CADMIUM DIS- SOLVED (UG/L) AS CD (01025)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CD (01028)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR (01030)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CR (01029)	COBALT, DIS- SOLVED (UG/L) AS CO (01035)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CO (01038)	COPPER, DIS- SOLVED (UG/L) AS CU (01040)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CU (01043)	IRON, DIS- SOLVED (UG/L) AS FE (01046)
MAR 25...	160	<0.5	2.0	<1	<5	9	<3	<5	<10	20	23
JUL 22...	140	<0.5	<1.0	<1	<5	9	<3	10	<10	20	22

DATE	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE (01170)	LEAD, DIS- SOLVED (UG/L) AS PB (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS PB (01052)	LITHIUM DIS- SOLVED (UG/L) AS LI (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (01053)	MERCURY DIS- SOLVED (UG/L) AS HG (71890)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (71921)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI (01065)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS NI (01068)
MAR 25...	14000	<10	20	<4	8	260	<0.1	0.06	<10	<10	10
JUL 22...	15000	<10	20	5	56	350	<0.1	0.04	<10	<10	20

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

STEELE BAYOU BASIN STUDY--Continued

07288842 GRANICUS BAYOU NR HOLLANDALE, MS--Continued

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	CARBON, INOR- GANIC, TOT IN BOT MA- TERIAL (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT IN BOT MA- TERIAL (GM/KG AS C) (00693)	CYANIDE TOTAL (MG/L AS CN) (00720)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN) (00721)
MAR 25...	<1	<1	<1.0	140	<6	7	70	0.4	11	<0.010	<0.5
JUL 22...	<1	<1	<1.0	200	<6	7	70	1.1	15	<0.010	<0.5
DATE	AROCLO- R 1016 PCB TOTAL (UG/L) (34671)	AROCLO- R 1221 PCB TOTAL (UG/L) (39488)	AROCLO- R 1232 PCB TOTAL (UG/L) (39492)	AROCLO- R 1242 PCB TOTAL (UG/L) (39496)	AROCLO- R 1248 PCB TOTAL (UG/L) (39500)	AROCLO- R 1254 PCB TOTAL (UG/L) (39504)	AROCLO- R 1260 PCB TOTAL (UG/L) (39508)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39333)	ALPHA BHC TOTAL (UG/L) (39337)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39076)
MAR 25...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
JUL 22...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.5	<0.03	<0.5
DATE	BETA BENZENE HEX- CHLOR- IDE TOTAL (UG/L) (39338)	BETA BENZENE HEX- CHLOR- IDE BOT. MAT (UG/KG) (34257)	DELTA BENZENE HEX- CHLOR- IDE TOTAL (UG/L) (34259)	DELTA BENZENE HEX- CHLOR- IDE BOT. MAT (UG/KG) (34262)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE CIS WATER WHOLE TOTAL (UG/L) (39351)	CHLOR- DANE TRANS WATER WHOLE TOTAL (UG/L) (39062)	CHLOR- DANE TRANS WATER WHOLE TOTAL (UG/L) (39065)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39310)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39320)
MAR 25...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	21	<0.04
JUL 22...	<0.03	<0.50	<0.09	<0.50	<0.1	<5.0	<0.10	<0.10	<0.10	31	<0.04
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	P,P' DDT, TOTAL (UG/L) (39300)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39380)	DI- ELDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39389)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)
MAR 25...	23	<0.10	5.0	<0.020	<0.1	<0.1	<0.10	<0.04	<0.60	<0.060	<0.1
JUL 22...	37	<0.10	5.0	<0.020	<0.5	6.0	<0.10	<0.04	<0.60	<0.060	2.0
DATE	ENDRIN, ALDE- HYDE TOTAL (UG/L) (34366)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39413)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39420)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39423)	LINDANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39343)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39481)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39758)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39251)
MAR 25...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	<0.1	<1.0	<0.1	<1	<1.0
JUL 22...	<0.20	<0.030	<0.5	<0.80	<0.5	<0.030	<0.5	<0.5	<0.5	<50	<5.0
DATE	PER- THANE IN BOT- TOM MA- TERIAL (UG/L) (81886)	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39403)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39730)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39731)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82183)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (34609)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39740)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39741)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39760)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39761)
MAR 25...	<1.00	<2	<10	0.29	<0.1	<0.01	<0.1	<0.01	<0.1	<0.01	<0.1
JUL 22...	<5.00	<2	<200	0.59	--	<0.01	--	<0.01	--	<0.01	--

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
YAZOO RIVER BASIN--Continued
STEELE BAYOU BASIN STUDY--Continued

285

330426090573900 STEELE BAYOU NR PANTHER BURN 072888451

				SPE- CIFIC CON- DUCT- ANCE	PH WATER WHOLE FIELD (STAND- ARD UNITS)	TEMPER- ATURE WATER (DEG C)	TUR- BID- ITY (NTU)	OXYGEN, DIS- SOLVED (MG/L)	RESIDUE TOTAL AT 105 DEG. C, SUS- PENDED (MG/L)			
		GAGE HEIGHT (FEET) (00065)		(US/CM) (00095)	(00400)	(00010)	(00076)	(00300)	(00530)			
JAN 16...		1045	91.56	135	7.2	5.5	570	10.3	264			
MAR 25...		1045	91.10	164	7.1	12.0	140	8.0	174			
MAY 12...		0915	90.60	311	7.7	23.5	51	7.5	78			
JUL 22...		1410	90.90	386	7.7	30.0	13	9.2	26			
SEP 08...		1230	90.72	262	7.6	29.0	8.2	7.0	8			
DATE		SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L) AS N (00631)	NITRO- GEN, AMMONIA TOTAL (MG/L) AS N (00610)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L) AS N (00625)	PHOS- PHORUS TOTAL (MG/L) AS P (00665)	PHOS- PHORUS DIS- SOLVED (MG/L) AS P (00666)	CARBON, ORGANIC TOTAL (MG/L) AS C (00680)				
JAN 16...		366	0.580	0.120	1.2	0.410	0.120	7.4				
MAR 25...		286	0.390	0.120	1.5	0.470	0.170	12				
MAY 12...		274	0.220	0.070	1.7	0.180	0.080	8.4				
JUL 22...		271	0.650	0.120	1.4	0.180	0.070	5.8				
SEP 08...		173	0.020	<0.010	1.2	0.340	0.200	9.0				
DATE	MOIS- TURE CONTENT DRY WT. (% OF TOTAL) (00495)	C.O.D. TOTAL IN BOTTOM MA- TERIAL (MG/KG) (00339)	CALCIUM DIS- SOLVED (MG/L) AS CA (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG (00925)	SODIUM, DIS- SOLVED (MG/L) AS NA (00930)	SILICA, DIS- SOLVED (MG/L) AS SIO2 (00955)	NITRO- GEN,NH4 TOTAL IN BOT. MAT. (MG/KG) AS N (00611)	NITRO- GEN,NH4 + ORG. TOTAL BOT MAT (MG/KG) AS N (00626)	PHOS- PHORUS TOTAL IN BOT. MAT. (MG/KG) AS P (00668)	ARSENIC DIS- SOLVED (UG/L) AS AS (01000)	ARSENIC TOTAL IN BOT- TOM MA- TERIAL (UG/G) AS AS (01003)	BARIUM, DIS- SOLVED (UG/L) AS BA (01005)
MAR 25...	51	67000	17	5.4	8.4	5.9	53	2100	990	4	16	46
JUL 22...	36	270000	36	13	28	14	230	1700	1600	4	20	72
DATE	BARIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS BA (01008)	BERYL- LIUM, DIS- SOLVED (UG/L) AS BE (01010)	CADMIUM DIS- SOLVED (UG/L) AS CD (01025)	CADMIUM RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CD (01028)	CHRO- MIUM, DIS- SOLVED (UG/L) AS CR (01030)	CHRO- MIUM, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01029)	COBALT, DIS- SOLVED (UG/L) AS CO (01035)	COBALT, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CO (01038)	COPPER, DIS- SOLVED (UG/L) AS CU (01040)	COPPER, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS CU (01043)	IRON, DIS- SOLVED (UG/L) AS FE (01046)	
MAR 25...	160	0.9	3.0	<1	<5	9	<3	<5	<10	20	410	
JUL 22...	110	<0.5	<1.0	<1	<5	7	<3	<5	<10	20	22	
DATE	IRON, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS FE (01170)	LEAD, DIS- SOLVED (UG/L) AS PB (01049)	LEAD, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS PB (01052)	LITHIUM DIS- SOLVED (UG/L) AS LI (01130)	MANGA- NESE, DIS- SOLVED (UG/L) AS MN (01056)	MANGA- NESE, RECOV. FM BOT- TOM MA- TERIAL (UG/G) (01053)	MERCURY DIS- SOLVED (UG/L) AS HG (71890)	MERCURY RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS HG (71921)	MOLYB- DENUM, DIS- SOLVED (UG/L) AS MO (01060)	NICKEL, DIS- SOLVED (UG/L) AS NI (01065)	NICKEL, RECOV. FM BOT- TOM MA- TERIAL (UG/G) AS NI (01068)	
MAR 25...	14000	<10	20	4	35	490	<0.1	0.05	<10	<10	20	
JUL 22...	10000	<10	<10	6	4	310	<0.1	0.06	<10	<10	10	

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

YAZOO RIVER BASIN--Continued

STEELE BAYOU BASIN STUDY--Continued

330426090573900 STEELE BAYOU NR PANTHER BURN 072888451--Continued

DATE	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SELE- NIUM, TOTAL IN BOT- TOM MA- TERIAL (UG/G) (01148)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	ZINC, RECOV. FM BOT- TOM MA- TERIAL (UG/G AS ZN) (01093)	CARBON, INOR- GANIC, TOT IN BOT MAT (G/KG AS C) (00686)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (GM/KG AS C) (00693)	CYANIDE TOTAL (MG/L AS CN) (00720)	CYANIDE TOTAL IN BOT- TOM MA- TERIAL (UG/G AS CN) (00721)
MAR 25...	<1	<1	<1.0	73	<6	31	60	2.2	18	<0.010	<0.5
JUL 22...	<1	<1	1.0	170	<6	<3	50	0.6	33	<0.010	<0.5
DATE	AROCLOR 1016 PCB TOTAL (UG/L) (34671)	AROCLOR 1221 PCB TOTAL (UG/L) (39488)	AROCLOR 1232 PCB TOTAL (UG/L) (39492)	AROCLOR 1242 PCB TOTAL (UG/L) (39496)	AROCLOR 1248 PCB TOTAL (UG/L) (39500)	AROCLOR 1254 PCB TOTAL (UG/L) (39504)	AROCLOR 1260 PCB TOTAL (UG/L) (39508)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39330)	ALDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39333)	ALPHA BHC TOTAL (UG/L) (39337)	ALPHA BHC TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39076)
MAR 25...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.1	<0.03	<0.1
JUL 22...	<0.1	<1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.040	<0.5	<0.03	<0.1
DATE	BETA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (39338)	BETA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34257)	DELTA BENZENE HEXA- CHLOR- IDE TOTAL (UG/L) (34259)	DELTA BENZENE HEXA- CHLOR- IDE BOT.MAT (UG/KG) (34262)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39350)	CHLOR- DANE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39351)	CHLOR- DANE CIS WATER WHOLE TOTAL (UG/L) (39062)	CHLOR- DANE TRANS WATER WHOLE TOTAL (UG/L) (39065)	P,P' DDD, TOTAL (UG/L) (39310)	DDD, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39363)	P,P' DDE, TOTAL (UG/L) (39320)
MAR 25...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	8.5	<0.04
JUL 22...	<0.03	<0.10	<0.09	<0.10	<0.1	<1.0	<0.10	<0.10	<0.10	37	<0.04
DATE	DDE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39368)	P,P' DDT, TOTAL (UG/L) (39300)	DDT, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39373)	DI- ELDRIN TOTAL (UG/L) (39380)	DI- ELDRIN TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39383)	ENDO- SULFAN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39389)	ENDO- SULFAN- I WATER WHOLE TOTAL (UG/L) (34361)	ENDO- SULFAN BETA TOTAL (UG/L) (34356)	ENDO- SULFAN SULFATE TOTAL (UG/L) (34351)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39390)	ENDRIN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39393)
MAR 25...	8.7	<0.10	1.2	<0.020	<0.2	<0.1	<0.10	<0.04	<0.60	<0.060	<0.4
JUL 22...	48	<0.10	6.0	<0.020	<0.1	<0.1	<0.10	<0.04	<0.60	<0.060	<2.0
DATE	ENDRIN ALDE- HYDE TOTAL (UG/L) (34366)	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39413)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	HEPTA- CHLOR EPOXIDE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39423)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39340)	LINDANE TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39343)	METH- OXY- CHLOR, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39481)	MIREX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39758)	PCB, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39519)	PCN, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39251)
MAR 25...	<0.20	<0.030	<0.1	<0.80	<0.1	<0.030	0.1	<0.2	<0.1	<1	<1.0
JUL 22...	<0.20	<0.030	<0.5	<0.80	<0.1	<0.030	<0.5	<0.5	<0.5	<5	<5.0
DATE	PER- THANE IN BOT- TOM MA- TERIAL (UG/KG) (81886)	TOX- APHENE, TOTAL (UG/L) (39400)	TOXA- PHENE, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39403)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39730)	2,4-D, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39731)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (82183)	2,4-DP, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (34609)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39740)	2,4,5-T TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39741)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/L) (39760)	SILVEX, TOTAL IN BOT- TOM MA- TERIAL (UG/KG) (39761)
MAR 25...	<1.00	<2	<10	0.53	<0.1	<0.01	<0.1	0.01	<0.1	<0.01	<0.1
JUL 22...	<5.00	<2	<10	0.38	--	<0.01	--	<0.01	--	<0.01	--

MISSISSIPPI RIVER ALLUVIAL PLAIN
SURFACE-WATER SPECIFIC CONDUCTANCE STUDY
BOLIVAR COUNTY

333705091033235 LAKE BOLIVAR NR SCOTT

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1510	112	28.0

334610090594835 LAKE BEULAH NR BEULAH

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1420	306	31.0

COAHOMA COUNTY

07288010 BIG SUNFLOWER RIVER AT HOPSON SPUR, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 13...	1628	605	34.0

342618090294835 MOON LAKE NR LULA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1825	145	30.0

DESOTO COUNTY

345920090082835 HORN LAKE AT LAKE VIEW

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1100	238	28.0

GRENADA COUNTY

07285730 YALOBUSHA RIVER NR HOLCOMB, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1520	12.25	173	31.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 SURFACE-WATER SPECIFIC CONDUCTANCE STUDY--Continued

HUMPHREYS COUNTY

325728090295035 WOLF LAKE NR LOUISE

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1405	127	33.5

325839090304300 WILL M WHITTINGTON AUXILIARY CHANNEL NR LOUISE

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1340	77.79	133	33.0

ISSAQUENA COUNTY

07288900 STEELE BAYOU NR ONWARD, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 13...	1120	73.37	314	32.0

LEFLORE COUNTY

07281600 TALLAHATCHIE RIVER AT MONEY, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1310	12.19	122	27.0

07287115 YAZOO RIVER AT ROEBUCK, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0740	138	29.5	

07288570 QUIVER RIVER NR DODDSVILLE, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1500	6.32	375	28.5

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
SURFACE-WATER SPECIFIC CONDUCTANCE STUDY--Continued

PANOLA COUNTY

07273550 TALLAHATCHIE RIVER NR BATESVILLE, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1420	81	28.0

07275551 YOCONA RIVER EAST OF CROWDER, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1655	80	29.0

QUITMAN COUNTY

07279950 COLDWATER RIVER AT MARKS, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1750	100	28.0

SHARKEY COUNTY

07288720 BIG SUNFLOWER RIVER AT HOLLY BLUFF, MS

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1155	74.99	350	29.0

07288790 DEER CREEK NR VALLEY PARK, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	0910	132	28.5

07288798 LITTLE SUNFLOWER RIVER NR VALLEY PARK, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	0945	354	29.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

SURFACE-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SUNFLOWER COUNTY

07288368 SUNFLOWER RIVER AT DODDSVILLE, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1200	411	28.5

07288600 QUIVER RIVER NR MOORHEAD, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1700	394	28.5

TALLAHATCHIE COUNTY

07281100 TALLAHATCHIE RIVER AT GLENDORA, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	0900	112	27.0

TUNICA COUNTY

07279300 COLDWATER RIVER AT PRICHARD, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	0904	101	26.0

344202090275835 TUNICA LAKE NR TUNICA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1415	406	32.0

WARREN COUNTY

07288800 YAZOO RIVER AT REDWOOD, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 13...	0935	166	32.0

323047090594135 EAGLE LAKE NR EAGLE BEND

DATE	TIME	GAGE HEIGHT (FEET) (00065)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	0820	11.63	272	30.5

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
SURFACE-WATER SPECIFIC CONDUCTANCE STUDY--Continued

WASHINGTON COUNTY

07288655 BOGUE PHALIA AT DARLOVE, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1005	476	29.5

07288843 BLACK BAYOU NR PERCY, MS

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	1055	669	31.0

330557091022735 LAKE WASHINGTON AT ERWIN

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	1000	148	32.0

331608091023135 LAKE LEE AT WAYSIDE

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	0930	387	32.0

332445091040135 LAKE FERGUSON AT GREENVILLE

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	0855	402	30.5

332554090503100 BOGUE PHALIA NR ELIZABETH

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	0800	415	27.5

YAZOO COUNTY

323820090363835 DUMP LAKE NR GERMANIA

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 07...	1300	328	32.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY

BOLIVAR COUNTY

340130090483001 A061 RUDOLPH MASSEY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1240	112MRVA	31	8.00	122.00	535	17.5

335951090514301 A082 ROBBINS & LONG

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1305	112MRVA	31	8.00	120.00	624	17.5

340404090482001 A084 W F & W H HARDIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1145	112MRVA	31	8.00	122.00	675	17.5

340016090431201 B102 MCMURCHY FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1005	112MRVA	31	8.00	108.00	792	17.5

340612090410201 B107 ELDON SCHMIDT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	0825	112MRVA	31	8.00	118.00	442	17.5

340223090403401 B118 E L MCMURCHY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	0920	112MRVA	31	8.00	103.00	630	17.5

335250090573701 C004 FRANK PADAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1505	112MRVA	31	8.00	140.00	660	17.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

BOLIVAR COUNTY--Continued

335545090524501 C054 W A WELSHANS JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 05...	1350	112MRVA	31	8.00	112.00	665	17.5

335300090530001 C064 ROBBINS & LONG

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 05...	1535	112MRVA	31	8.00	112.00	633	17.5

335544090554001 C100 MIKE THOMPSON JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 05...	1425	112MRVA	31	8.00	114.00	693	17.5

335836090471701 D069 ALLENDALE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 04...	1600	112MRVA	31	8.00	120.00	703	17.0

335551090503001 D077 BO MING FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 04...	1650	112MRVA	31	8.00	117.00	618	17.5

335643090421101 E092 MARYLAND PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 04...	1505	112MRVA	31	8.00	110.00	776	18.0

335400090403701 E110 ALBERT MALATESTA

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 04...	1430	112MRVA	31	8.00	120.00	598	17.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

BOLIVAR COUNTY--Continued

334906090570801 F130 ANITA MARTIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1425	112MRVA	31	8.00	113.00	649	18.0

334957090564302 F157 C C GIBSON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1540	112MRVA	31	8.00	110.00	627	18.0

335123090564601 F165 DON ROBERTSON FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1500	112MRVA	31	8.00	121.00	693	18.0

334930090502501 G089 ROGER HALL FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1045	112MRVA	31	8.00	109.00	775	17.5

335123090472801 G143 MARY COLEMAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1645	112MRVA	31	8.00	105.00	833	17.5

334920090464101 G159 WILLIAM PEACOCK

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1610	112MRVA	31	8.00	105.00	932	18.0

334939090413401 H027 ED HILL

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1230	112MRVA	31	8.00	125.00	649	17.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

BOLIVAR COUNTY--Continued

335110090425001 H087 T H MCGARRAH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1345	112MRVA	31	8.00	143.00	572	17.5

334302091001301 J031 CALVIN WARD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1325	112MRVA	31	8.00	110.00	686	18.0

334547090534701 K062 W T TULLOUS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1135	112MRVA	31	8.00	110.00	571	17.5

334414090565601 K073 J T M FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1240	112MRVA	31	8.00	118.00	704	17.5

334635090524401 K082 LAWRENCE MURPHEY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1200	112MRVA	31	8.00	106.00	707	17.5

334230090462001 L102 JOE B DAKIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	0750	112MRVA	31	8.00	129.00	632	17.5

334610090462501 L103 J C HARDEN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	0915	112MRVA	31	8.00	126.00	830	17.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 BOLIVAR COUNTY--Continued
 334313090492101 L182 J HOWORTH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 30...	0830	112MRVA	31	8.00	113.00	962	18.0

334714090505701 L185 RIZZO FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 30...	1010	112MRVA	31	8.00	123.00	1120	18.0

334515090412501 M110 SUNRISE DAIRY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	1635	112MRVA	31	8.00	121.00	787	18.0

334430090395801 M170 PATE BROTHERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	1605	112MRVA	31	8.00	114.00	646	18.0

333720091035501 N025 DELTA-PINE LAND COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	1010	112MRVA	31	8.00	100.00	735	18.0

334028090584801 N081 DAHOMEY PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	1155	112MRVA	31	8.00	117.00	636	19.0

334033090574201 O076 DAHOMEY PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	1200	112MRVA	31	8.00	122.00	646	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

BOLIVAR COUNTY--Continued

333914090543501 O098 T SATTERFIELD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1240	112MRVA	31	8.00	120.00	573	18.0

333815090514001 P085 JOE AGUZZI

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1340	112MRVA	31	8.00	112.00	954	17.5

333731090503701 P136 SHARP ATKINSON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1420	112MRVA	31	8.00	113.00	714	18.0

334112090470101 P142 REDD AND SON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1405	112MRVA	31	8.00	115.00	642	17.5

333955090402001 Q063 BRYN BRIGHT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1535	112MRVA	31	8.00	112.00	559	18.0

333750090442701 Q172 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1500	112MRVA	31	8.00	110.00	699	17.5

333251091014801 R093 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1705	112MRVA	31	8.00	110.00	631	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

BOLIVAR COUNTY--Continued

333452091061001 R124 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	0900	112MRVA	31	8.00	95.00	667	18.0

333458091044601 R125 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 29...	0830	112MRVA	31	8.00	100.00	766	19.0

333341091070501 R127 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1615	112MRVA	31	8.00	100.00	625	18.0

333158090584401 R140 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1745	112MRVA	31	8.00	110.00	648	18.0

333353090584301 R142 BILL HESTER FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1555	112MRVA	31	8.00	105.00	485	18.0

333519090545101 S065 FULLER FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1340	112MRVA	31	8.00	120.00	669	18.5

333326090524601 S090 HEGAR BROTHERS FARM

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1525	112MRVA	31	8.00	115.00	685	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

BOLIVAR COUNTY--Continued

333543090513801 T145 SESSIONS PLEASANT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1450	112MRVA	31	8.00	107.00	646	18.0

333259090473501 T151 FRANK ROSSETTI

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1335	112MRVA	31	8.00	105.00	615	18.0

CARROLL COUNTY

333304090035601 A055 LICKLITER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1310	112MRVA	31	8.00	102.00	424	18.5

333941090033701 A057 PAUL DAVIS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1425	112MRVA	31	8.00	503.00	629	18.5

334017090055801 A063 BRENDA FLOWERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1400	112MRVA	31	8.00	105.00	516	18.5

332951090050401 D042 BOBBY MILLER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1110	112MRVA	31	8.00	113.00	341	19.0

332702090074001 G061 W J WILLIAMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0945	112MRVA	31	8.00	104.00	361	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

COAHOMA COUNTY

342734090294701 A022 JOHNSON PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1806	112MRVA	31	8.00	115.00	673	18.0

342124090285001 C043 R O RUSSELL

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1920	112MRVA	31	8.00	110.00	417	18.0

342130090285401 C044 R O RUSSELL

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1938	112MRVA	31	8.00	110.00	424	18.0

342153090320301 C045 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1730	112MRVA	31	8.00	110.00	458	18.0

341528090421501 D035 DONALD BEVERLY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1430	112MRVA	31	8.00	110.00	690	17.0

341710090410001 D040 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1600	112MRVA	31	8.00	100.00	832	17.0

341654090403801 D041 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1615	112MRVA	31	8.00	100.00	647	17.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
COAHOMA COUNTY--Continued

341718090402201 D044 W B CLARK SR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1530	112MRVA	31	8.00	120.00	983	18.0

341629090391101 E046 STOVALL FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1453	112MRVA	31	8.00	113.00	639	18.0

341600090323101 F006 RUSSELL PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1655	112MRVA	31	8.00	124.00	566	18.0

341806090324501 F056 LARRY MALATESTA

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1706	112MRVA	31	8.00	111.00	472	18.0

340745090413101 H073 RAY SCHMIDT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 13...	1343	112MRVA	16	8.00	120.00	624	18.0

340806090395401 H075 T M LUSTER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 13...	1525	112MRVA	31	8.00	103.00	585	18.0

341442090410601 H078 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 13...	1610	112MRVA	31	8.00	110.00	680	17.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

COAHOMA COUNTY--Continued

341342090414601 H079 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1400	112MRVA	31	8.00	110.00	723	18.0

341013090334501 J126 WALTER NANCE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1726	112MRVA	16	8.00	103.00	555	18.5

340944090330801 K073 GARRETT & SONS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1717	112MRVA	31	8.00	110.00	528	19.0

340722090391001 L067 PHIL CLARK

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1456	112MRVA	31	8.00	100.00	601	18.0

340740090391701 L068 KATHRYN FURR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1423	112MRVA	31	8.00	123.00	591	18.0

340507090293701 M080 B B SMITH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	0800	112MRVA	31	8.00	103.00	442	18.0

340307090352701 N048 DULANEY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1220	112MRVA	31	8.00	113.00	605	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
COAHOMA COUNTY--Continued

340058090312001 N079 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1115	112MRVA	31	8.00	110.00	616	17.0

340020090340001 N082 MRS WALLACE MAYTON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1125	112MRVA	31	8.00	100.00	607	17.5

340222090293201 O026 F SWINDELL

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1003	112MRVA	31	8.00	120.00	408	18.0

340219090271001 O047 Y G FLOWERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0915	112MRVA	31	8.00	110.00	408	18.0

340231090271001 O048 Y G FLOWERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0900	112MRVA	31	8.00	110.00	402	18.0

340212090271201 O054 MRS ROY FLOWERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0928	112MRVA	31	8.00	100.00	544	17.0

340048090314001 O070 A B SMITH JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1100	112MRVA	31	8.00	110.00	664	17.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

COAHOMA COUNTY--Continued

340053090310301 O074 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1033	112MRVA	31	8.00	110.00	514	18.0

340339090295301 O077 B B SMITH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0955	112MRVA	31	8.00	103.00	524	18.0

DESOTO COUNTY

345215090073004 E054 N B HUNT FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 12...	1550	112MRVA	31	8.00	112.00	275	17.5

GRENADA COUNTY

334651090033001 E023 MIMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1600	112MRVA	31	8.00	65.00	378	18.0

334636090034001 E027 BOB HARRIS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1610	112MRVA	31	8.00	80.00	234	18.0

334534090051201 E029 DELTA FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1645	112MRVA	31	8.00	103.00	377	18.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

HOLMES COUNTY

332011090154401 A009 EGYPT PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1710	112MRVA	31	8.00	100.00	526	19.0

331746090144201 A051 HOOKER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1625	112MRVA	31	8.00	98.00	354	19.0

331821090114101 B026 PINCHBACK LAKE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1445	112MRVA	31	8.00	100.00	455	18.0

331406090182101 G018 GLENCO PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1530	112MRVA	31	8.00	130.00	474	19.0

331216090160001 G040 SID SHEPPARD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1145	112MRVA	31	8.00	103.00	393	19.5

331223090115201 H041 TCHULA LAKE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1405	112MRVA	31	8.00	110.00	390	18.0

331038090170801 J060 J A BRASWELL

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1100	112MRVA	31	8.00	105.00	475	20.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 HOLMES COUNTY--Continued

330722090114801 K041 BUDDY UPCHURCH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1330	112MRVA	31	8.00	120.00	460	19.0

331020090121101 K052 BUDDY UPCHURCH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1305	112MRVA	31	8.00	120.00	466	19.0

HUMPHREYS COUNTY

331652090323101 A013 CHARLES ROWLAND

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1545	112MRVA	31	8.00	116.00	656	19.0

331938090293401 A029 PURVIS SWITZER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1710	112MRVA	31	8.00	118.00	518	19.0

331841090273001 A056 DEWEY KING JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1655	112MRVA	31	8.00	100.00	465	19.0

331432090400301 B122 BEARDEN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1420	112MRVA	31	8.00	116.00	704	19.0

331157090403501 B134 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1255	112MRVA	31	8.00	110.00	845	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

HUMPHREYS COUNTY--Continued

331319090343501 B197 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(00095)	(00010)
JUL 15...	1445	112MRVA	8.00	641	18.5

331243090295401 C003 M T REED

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1635	112MRVA	31	8.00	123.00	508	19.0

331417090315101 C083 TOM REED

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(00095)	(00010)
JUL 15...	1615	112MRVA	8.00	125.00	547	19.0

331242090233901 D028 DRIFTWOOD FARMS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(00095)	(00010)
JUL 16...	0815	112MRVA	8.00	116.00	595	19.0

331345090270601 D048 HENRY REED

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(00095)	(00010)
JUL 15...	1805	112MRVA	8.00	112.00	473	19.0

331536090214001 D053 SILENT SHADE PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(00095)	(00010)
JUL 16...	0915	112MRVA	8.00	110.00	479	19.0

331037090395801 E093 CHARLES GRANT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1310	112MRVA	31	8.00	123.00	836	18.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 HUMPHREYS COUNTY--Continued
 330843090354901 E119 JIM KIKER

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72008)	(00095)	(00010)
JUL 16...	1225	112MRVA	31	100.00	620	19.0

331010090362401 E184 B & C FISH FARM

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1240	112MRVA	31	8.00	100.00	670	19.0

330810090322601 F087 BROOKS AYCOCK

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1150	112MRVA	8.00	115.00	656	19.0	

330839090270101 F145 JERRY WOOD

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1110	112MRVA	31	8.00	116.00	467	19.0

330902090224001 G046 JIMMY DONAHOE

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1000	112MRVA	31	8.00	116.00	457	18.5

330537090382901 H036 A & M FISH FARM

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1630	112MRVA	31	8.00	112.00	860	19.0

330053090364501 H052 RAYMOND BROWN

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1710	112MRVA	31	8.00	116.00	778	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

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WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

HUMPHREYS COUNTY--Continued

330122090253201 J051 TRIBBLE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0950	112MRVA	31	8.00	100.00	691	19.0

330508090262201 J093 RANDOLPH MARTIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1025	112MRVA	31	8.00	120.00	482	19.0

330332090324601 J094 S H BARRETT JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1120	112MRVA	31	8.00	118.00	538	19.0

325920090372501 K025 W H HODNETT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1220	112MRVA	31	8.00	112.00	863	19.0

325708090330401 L064 ANDERSON FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1320	112MRVA	31	8.00	135.00	718	19.0

325549090282801 L070 DELTA IMPLEMENT COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1505	112MRVA	31	8.00	105.00	455	19.0

ISSAQUENA COUNTY

335740090340801 A068 BUBBA WADE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1335	112MRVA	31	8.00	123.00	739	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 ISSAQUENA COUNTY--Continued

325600090551601 A079 CARTER BROTHERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1705	112MRVA	31	8.00	120.00	963	19.0

325925090573001 A081 WADE & SON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1410	112MRVA	31	8.00	112.00	575	19.0

325532090590501 A086 D W LEE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1225	112MRVA	8.00	105.00	712	19.0	

325023091030801 B050 MABUS & MABUS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	0950	112MRVA	1	8.00	130.00	949	19.0

325152090582701 B051 GENE BOYKIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1150	112MRVA	31	8.00	115.00	816	19.0

325010090592001 C040 SAMMY PRICE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1050	112MRVA	31	8.00	111.00	868	19.0

324802091063201 C042 FRANKLIN FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	0920	112MRVA	8.00	122.00	762	19.0	

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

ISSAQUENA COUNTY--Continued

324712090595101 C047 WWM COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 06...	1325	112MRVA	31	8.00	118.00	848	19.0

324031091021201 D039 JAMES RIVER COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 05...	0800	112MRVA	31	8.00	95.00	756	19.0

323904090580101 E013 GOOSE LAKE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(00095)	(00010)	
JUL 23...	1010	112MRVA	8.00	124.00	734	19.0	

323543091002101 E020 TARA WILDLIFE MANAGEMENT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	0910	112MRVA	31	8.00	115.00	837	19.0

323928090560001 F028 WILLIAM MOORE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(00095)	(00010)	
JUL 23...	1045	112MRVA	8.00	116.00	928	19.0	

323453090533701 F039 HOWARD MILLER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1210	112MRVA	31	8.00	124.00	848	19.0

323802090524701 F041 WESLEY JOHNSON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1130	112MRVA	31	8.00	125.00	944	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

LEFLORE COUNTY

334806090234101 A069 A D MERIDETH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1245	112MRVA	31	8.00	93.00	481	18.0

334418090212501 A073 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1715	112MRVA	31	8.00	113.00	466	18.0

334350090242701 A084 BILL PALMERTREE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1320	112MRVA	31	8.00	103.00	543	17.5

334714090191601 B061 EQUEN PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1205	112MRVA	31	8.00	113.00	536	23.0

334322090191001 B067 RACK RENT PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...		112MRVA	31	8.00	100.00	359	17.5

334807090135201 B068 ROBERTSON PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1115	112MRVA	31	8.00	94.00	365	17.5

334254090242701 C069 DEWITT CORPORATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1620	112MRVA	31	8.00	98.00	490	17.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

LEFLORE COUNTY--Continued

334024090270201 C077 DEWITT CORPORATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1545	112MRVA	31	8.00	100.00	603	18.0

333840090220801 C112 W M JENNINS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1430	112MRVA	31	8.00	117.00	454	18.0

333914090182201 D056 MILLER BUSH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	0805	112MRVA	31	8.00	105.00	379	18.0

334236090185501 D060 RACK RENT PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0940	112MRVA	31	8.00	100.00	419	17.0

334151090151501 D171 WAYNE BUSH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1025	112MRVA	31	8.00	115.00	470	18.0

333952090133501 E050 MICHAEL COLEMAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	0935	112MRVA	31	8.00	115.00	407	18.0

334137090142901 E077 NEW HOPE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	0915	112MRVA	31	8.00	100.00	473	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 LEFLORE COUNTY--Continued

333638090172701 G106 CRAIBILL FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	0715	112MRVA	31	8.00	105.00	499	17.5

333437090262601 F053 WILLIAM TACKETT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0915	112MRVA	31	8.00	100.00	665	18.0

333342090223201 F059 DERWOOD STRAIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0850	112MRVA	31	8.00	98.00	614	17.0

333303090152401 G025 LUTHER WADE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0815	112MRVA	31	8.00	105.00	460	17.5

333743090104901 H081 HERMAN GOODWIN JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	0730	112MRVA	31	8.00	113.00	516	18.0

333412090135201 H105 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	0740	112MRVA	31	8.00	120.00	482	18.5

333130090214202 J067 DAVID BRANHAM

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1745	112MRVA	31	8.00	110.00	499	18.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

LEFLORE COUNTY--Continued

333224090252801 J072 JIMMY GREEN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1830	112MRVA	31	8.00	106.00	535	18.5

332821090251601 J112 PAUL BATTLE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1310	112MRVA	31	8.00	120.00	474	18.0

332750090191401 K053 MCLEAN GIN COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1430	112MRVA	31	8.00	98.00	431	18.0

333131090171601 K054 LEFLORE COUNTY COUNTRY CLUB

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	0845	112MRVA	31	8.00	88.00	652	18.5

332954090163401 K073 FT LORING PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1355	112MRVA	31	8.00	105.00	416	19.0

332805090140801 L244 YANOELL FRAISER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1525	112MRVA	31	8.00	101.00	468	19.0

333031090094001 L254 GREENWOOD COUNTRY CLUB

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0720	112MRVA	31	8.00	103.00	478	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 LEFLORE COUNTY--Continued

332259090221901 M064 ROBERT MORTON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1200	112MRVA	31	8.00	110.00	400	19.0

332458090251001 M070 WALTER PILLOW

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1240	112MRVA	31	8.00	100.00	368	18.5

332455090181201 N058 F J POINDEXTER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1655	112MRVA	31	8.00	103.00	475	18.0

332535090150601 N077 RICHARD SHAW

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1555	112MRVA	31	8.00	110.00	400	18.5

332622090082701 O049 ROWELL SAUNDERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	0900	112MRVA	31	8.00	130.00	356	18.5

332108090211901 P067 BLACK BOTTOM FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1115	112MRVA	31	8.00	108.00	536	18.5

331916090243801 P071 H L CASTLE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1020	112MRVA	31	8.00	100.00	444	18.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

LEFLORE COUNTY--Continued

332532090125801 Q107 MCNEER & PORTER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	0823	112MRVA	31	8.00	110.00	380	19.0

PANOLA COUNTY

343104090111001 A005 PLUMBY RUBBER COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 12...	1340	112MRVA	31	8.00	110.00	313	17.5

342137090065101 K020 CHARLES GLADNEY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1520	112MRVA	16	8.00	100.00	418	18.0

341751090035301 Q036 PHILIP SMITH

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	112MRVA		31	8.00	80.00	283	18.0

341738090002601 Q037 LENT THOMAS JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00010)
JUL 16...	1300	112MRVA	31	8.00	120.00	18.0

341732090004701 Q038 LENT THOMAS JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1400	112MRVA	31	8.00	120.00	104	18.0

342014090043201 Q039 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1457	112MRVA	31	8.00	110.00	390	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

QUITMAN COUNTY

342626090151501 A068 HOWZE PLANTING COMPANY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	0938	112MRVA	31	8.00	105.00	499	18.0

342116090212101 B021 T R MILLS

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	1232	112MRVA	31	8.00	110.00	476	18.0

342054090155001 C062 BOB FANCHER

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	0901	112MRVA	31	8.00	102.00	535	18.0

342303090184901 C063 PRUETT

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	1027	112MRVA	31	8.00	120.00	484	18.0

341555090213701 D017 DENT FARMS

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 07...	0840	112MRVA	31	8.00	110.00	396	18.0

341859090212601 D018 UNKNOWN

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	0950	112MRVA	31	8.00	115.00	502	18.0

341948090160201 E053 SELF & COMPANY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	0851	112MRVA	31	8.00	119.00	524	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

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WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

QUITMAN COUNTY--Continued

342002090185201 E054 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	1620	112MRVA	31	8.00	110.00	471	18.0

341631090224501 F013 JACK BUTLER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1445	112MRVA	31	8.00	113.00	482	17.5

341445090234401 G126 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 12...	0735	112MRVA	31	8.00	110.00	461	17.5

341208090201501 H058 COBB & SHELLMAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 12...	0820	112MRVA	31	8.00	110.00	503	17.5

340959090115401 J052 MAX SCHIELE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1345	112MRVA	31	8.00	100.00	484	17.5

341420090124401 J053 JAMES GOODMAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1610	112MRVA	31	8.00	100.00	385	18.0

340457090222501 K062 JIM WILBURN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	0930	112MRVA	31	8.00	113.00	443	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

QUITMAN COUNTY--Continued

340934090235901 K077 BUCKSKIN PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	0835	112MRVA	31	8.00	120.00	491	17.5

343935090161701 L040 MAX SCHIELE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1055	112MRVA	31	8.00	100.00	424	18.0

340516090164001 L052 W C WEATHERSBY JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1050	112MRVA	31	8.00	100.00	507	18.0

340950090110001 M039 NOEL WILBURN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1145	112MRVA	31	8.00	113.00	429	17.5

340739090090101 M045 WALKER FAMILY TRUST

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1245	112MRVA	31	8.00	120.00	428	17.5

SHARKEY COUNTY

330403090534801 A060 MR DEAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1530	112MRVA	31	8.00	110.00	827	19.0

330428090484301 A064 M P NEFF

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1650	112MRVA	31	8.00	113.00	926	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SHARKEY COUNTY--Continued

330155090470301 A077 FRED R BOYKIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1615	112MRVA	31	8.00	116.00	983	19.0

330030090481301 A086 BOYKIN BROTHERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1235	112MRVA	31	8.00	120.00	799	18.5

330222090405201 B045 MIKE KING

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 13...	1515	112MRVA	31	8.00	115.00	680	19.0

330511090431201 B058 FRANKLIN FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(72008)	(00095)	(00010)
JUL 13...	1335	112MRVA	8.00	110.00	727	19.0	

325918090532701 C001 R E MCCLEARY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(72008)	(00095)	(00010)
AUG 05...	1440	112MRVA	8.00	135.00	1050	19.0	

324958090454801 C082 BILL CLINKSCALES

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72006)	(72008)	(72008)	(00095)	(00010)
JUL 13...	1445	112MRVA	8.00	97.00	920	19.0	

325627090481501 C097 RANDALL ATCHLEY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1355	112MRVA	31	8.00	118.00	812	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SHARKEY COUNTY--Continued

325632090500901 C118 SAMMY PRICE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1425	112MRVA	31	8.00	120.00	736	19.0

325828090404801 D028 HAMAKA CORPORATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1515	112MRVA	31	8.00	113.00	724	19.0

325152090531203 E026 MOORE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1135	112MRVA	31	8.00	110.00	818	19.0

325013090511701 E028 GARY SULLIVAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1005	112MRVA	31	8.00	115.00	827	19.0

325440090541001 E047 CARTER BROTHERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1050	112MRVA	31	8.00	113.00	1030	19.0

325317090511701 F021 CARTER BROTHERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1605	112MRVA	31	8.00	120.00	960	19.0

325355090471801 F022 CRAIG BOYKIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 28...	1250	112MRVA	31	8.00	116.00	874	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SHARKEY COUNTY--Continued

324730090521301 G053 DONALD HARRIS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1350	112MRVA	31	8.00	110.00	980	19.0

324858090562201 G061 J K STEWART

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1425	112MRVA	31	8.00	115.00	1290	19.0

324842090425001 H022 SAM HUFF

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1055	112MRVA	31	8.00	110.00	591	19.0

324700090425801 H024 HUFF

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 22...	1130	112MRVA	31	8.00	78.00	627	19.0

324444090540101 J059 MOORE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1325	112MRVA	31	8.00	115.00	1000	19.0

SUNFLOWER COUNTY

335907090334601 A039 PITTEFIELD FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	1125	112MRVA	31	8.00	110.00	658	17.0

335708090375101 A043 GANT & SON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 24...	1205	112MRVA	31	8.00	100.00	658	17.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SUNFLOWER COUNTY--Continued

335400090271001 B059 RED AUSTIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	1030	112MRVA	31	8.00	103.00	617	17.0

335838090314001 B075 AGNEW SAFLEY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	1110	112MRVA	8	8.00	123.00	584	17.5

335008090344501 C018 TOM HESTER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1745	112MRVA	31	8.00	123.00	522	17.5

334909090360601 C042 LEON WILLIAMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 22...	1725	112MRVA	31	8.00	100.00	748	17.5

335029090310801 D012 BROOKS GIN COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1655	112MRVA	31	8.00	102.00	593	18.0

334920090273801 D068 FISHER FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1625	112MRVA	31	8.00	113.00	721	17.5

334723090370501 E056 BUCKEY HAYNES

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1505	112MRVA	31	8.00	100.00	532	17.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SUNFLOWER COUNTY--Continued

334334090385101 E060 PATE BROTHERS FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1415	112MRVA	31	8.00	117.00	596	18.0

334820090273001 F055 STEVE SHURDEN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1555	112MRVA	31	8.00	106.00	707	19.0

334340090303801 F093 ARANT FARMS INCORPORATED

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1030	112MRVA	31	8.00	100.00	479	17.5

333817090375901 G036 L E BRASWELL FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1245	112MRVA	31	8.00	114.00	597	17.0

333906090320501 G094 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 14...	1220	112MRVA	31	8.00	110.00	577	18.0

334157090313801 H074 NORMAN PENTECOST

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1110	112MRVA	31	8.00	113.00	824	18.0

333939090351301 H111 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 16...	1130	112MRVA	31	8.00	105.00	397	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 SUNFLOWER COUNTY--Continued

333535090450801 J057 SESSIONS PLEASANTS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 27...	1810	112MRVA	31	8.00	93.00	574	18.0

333310090413001 J078 PITTS FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 27...	1745	112MRVA	31	8.00	102.00	493	18.0

333356090355901 K052 OGLESBY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	0930	112MRVA	31	8.00	102.00	576	18.0

333656090364201 K077 INTERSTATE CHEMICAL COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	1000	112MRVA	31	8.00	103.00	538	17.0

333647090280301 L077 J H DODD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	0810	112MRVA	31	8.00	110.00	787	18.0

333624090313601 L119 DYCHE PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 28...	0840	112MRVA	31	8.00	104.00	658	18.0

332952090421301 M055 SEYMOUR JOHNSON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 27...	1715	112MRVA	31	8.00	110.00	514	18.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SUNFLOWER COUNTY--Continued

332804090442601 M065 HOLLY RIDGE PLANTING COMPANY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 27...	1650	112MRVA	31	8.00	123.00	700	18.0

333128090340601 N064 MORRIS ALLISON

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 17...	1150	112MRVA	31	8.00	93.00	444	17.5

332734090351101 N084 BRASHIER PLANTING COMPANY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 16...	1615	112MRVA	31	8.00	105.00	502	19.0

333051090283001 O105 W E AUSTIN

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 17...	1115	112MRVA	31	8.00	85.00	685	19.0

333031090275101 O107 SUNSET PLANTING COMPANY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 17...	1030	112MRVA	31	8.00	105.00	677	19.0

332624090423001 P038 BILLUPS PITTS

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 27...	1625	112MRVA	31	8.00	118.00	565	18.0

332323090433001 P049 M H MCGREGORY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE (72005)	SAM-PLING CONDI-TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)
JUL 27...	1555	112MRVA	31	8.00	105.00	639	18.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SUNFLOWER COUNTY--Continued

332437090350001 Q067 RODGERS BRASHIER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1300	112MRVA	31	8.00	133.00	568	19.0

332233090383401 Q131 CECIL BELK

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1345	112MRVA	31	8.00	115.00	527	18.0

332432090320001 R117 WHEELER TIMBS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1220	112MRVA	31	8.00	120.00	676	18.0

332723090273001 R145 BILLY STINSON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	1000	112MRVA	31	8.00	116.00	464	18.0

331938090400201 S065 PRICE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1415	112MRVA	31	8.00	102.00	507	19.0

331820090442901 S073 DILLARD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1525	112MRVA	31	8.00	125.00	814	18.0

332119090340901 T081 THREE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1045	112MRVA	31	8.00	105.00	498	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

SUNFLOWER COUNTY--Continued

331848090384101 T094 WACO FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	0955	112MRVA	31	8.00	115.00	597	17.5

332004090294201 U014 R D MALLETTE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1145	112MRVA	31	8.00	115.00	389	18.0

332018090305301 U031 WILLIAM TOLER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 27...	1125	112MRVA	31	8.00	105.00	557	18.5

TALLAHATCHIE COUNTY

340716090050901 A027 TALLAHATCHIE SCHOOLS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 12...	1150	112MRVA	31	8.00	110.00	215	17.5

340023090243001 C034 J B BAKER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 11...	1230	112MRVA	31	8.00	96.00	564	17.5

340004090165401 D060 MITCHNER FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	0950	112MRVA	31	8.00	106.00	648	18.0

340022090164401 D061 FRANK MITCHNER JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1200	112MRVA	31	8.00	120.00	565	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 TALLAHATCHIE COUNTY--Continued
 340102090123301 E004 B WILLIAMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 11...	1505	112MRVA	31	8.00	105.00	517	17.5

335956090235801 F041 BUD TROUT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 11...	1630	112MRVA	31	8.00	117.00	270	17.5

335401090240601 H092 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1740	112MRVA	31	8.00	110.00	475	18.0

335734090191401 J041 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1020	112MRVA	31	8.00	110.00	475	18.0

335602090140001 K079 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 11...	1405	112MRVA	31	8.00	105.00	532	17.5

335418090062501 L002 FINKE BROTHERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 12...	1050	112MRVA	31	8.00	112.00	422	17.5

335139090222001 N044 RALPH HAND

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 23...	1506	112MRVA	31	8.00	103.00	427	18.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

TALLAHATCHIE COUNTY--Continued

335332090252601 N050 GUY WILLIAMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1355	112MRVA	31	8.00	115.00	502	18.0

335306090251201 N051 GUY WILLIAMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1415	112MRVA	31	8.00	100.00	544	18.0

335238090241601 N057 JAMES H MORROW

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1443	112MRVA	31	8.00	120.00	484	18.0

335040090210401 N058 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1522	112MRVA	31	8.00	110.00	435	18.0

334544090110101 P055 NOAH ECHOLS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 23...	1300	112MRVA	31	8.00	120.00	458	18.0

TATE COUNTY

344225090115801 A052 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 12...	1435	112MRVA	31	8.00	100.00	335	17.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

TUNICA COUNTY

343854090150901 A024 HILTON FIELDS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1715	112MRVA	16	8.00	123.00	648	18.0

344649090204601 A028 COMMERCE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1653	112MRVA	16	8.00	110.00	663	18.0

344820090175001 B053 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1738	112MRVA	16	8.00	110.00	770	18.0

345003090161501 B055 DOROTHY K WILLS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1801	112MRVA	16	8.00	110.00	765	18.0

344417090185401 D034 SCOTT ARNOLD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1556	112MRVA	16	8.00	100.00	549	17.5

344501090195801 D038 BLYTHE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1440	112MRVA	16	8.00	104.00	456	18.0

344516090192701 D040 MARGARET W DARBY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1531	112MRVA	16	8.00	125.00	654	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

TUNICA COUNTY--Continued

344527090203101 D041 MRS JEAN MITCHELL

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1624	112MRVA	16	8.00	110.00	534	18.0

344105090215101 D042 UNKNOWN

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1200	112MRVA	16	8.00	115.00	472	18.0

344216090144001 E039 UNKNOWN

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 12...	112MRVA		31	8.00	110.00	377	17.0

343850090250501 F004 CLYDE PERRY

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 13...	1335	112MRVA	31	8.00	112.00	542	17.5

343843090200401 G040 UNKNOWN

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 13...	1300	112MRVA	31	8.00	110.00	566	18.0

343650090154201 H008 PAUL BATTLE

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
AUG 13...	1145	112MRVA	31	8.00	105.00	417	17.0

343540090255101 J029 C H BLOCK

DATE	TIME	GEO-LOGIC UNIT	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)
			(72005)	(72006)	(72008)	(00095)	(00010)
JUL 15...	1125	112MRVA	16	8.00	110.00	458	18.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 TUNICA COUNTY--Continued
 343100090261001 J052 DUTCH PARKER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1100	112MRVA	31	24.00	93.00	379	18.0

343036090190801 K034 ROBERT KEMP

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 13...	0905	112MRVA	31	8.00	100.00	482	17.0

343501090155101 L015 ARNOLD FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 13...	1115	112MRVA	31	8.00	103.00	503	17.5

342852090262801 M016 MARY P AUSTIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1006	112MRVA	16	8.00	105.00	479	18.0

342706090190501 N022 JOHN GORDON

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 13...	0755	112MRVA	31	8.00	100.00	580	17.0

WARREN COUNTY

323332091000001 A011 EAGLE LAKE WATER ASSOCIATION

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 19...	1300	112MRVA	8.00	154.00	805	18.5

323245091024001 A018 ALTORF FARMS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 19...	1215	112MRVA	8.00	100.00	722	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
WARREN COUNTY--Continued

323048090494101 B027 RIGGINS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 19...	1035	112MRVA	8.00	136.00	514	20.0

322430090530201 E025 CITY OF VICKSBURG

DATE	TIME	GEO- LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 13...	0825	112MRVA	120.00	495	19.0

WASHINGTON COUNTY

333018091052501 A109 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1750	112MRVA	31	8.00	20.00	830	19.0

332935091035801 A112 CIBA-GEIGY CORPORATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1030	112MRVA	31	8.00	120.00	709	19.0

333035091044401 A115 PRUDENTIAL INSURANCE COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	0810	112MRVA	8.00	98.00	752	19.0	

332801091003101 A128 LUTHER B OAKES JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1135	112MRVA	31	8.00	115.00	767	18.5

333104091033601 A136 BILL PAYNE

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	0850	112MRVA	31	8.00	98.00	1140	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 WASHINGTON COUNTY--Continued
 332853090572201 B003 J W KIRKWOOD

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1230	112MRVA	31	8.00	111.00	1050	19.0

334016090581701 B036 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	0940	112MRVA	31	8.00	110.00	705	18.5

332845090524601 B048 PERCY BARONET

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	0800	112MRVA	31	8.00	110.00	1040	19.0

333033090482401 C019 R F BECKHAM

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1430	112MRVA	31	8.00	110.00	1250	19.0

333016090511501 C050 CHARLES FRATESI

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1405	112MRVA	31	8.00	116.00	681	19.0

332300090584501 D144 TUFFNUT PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 31...	1125	112MRVA	31	8.00	84.00	784	19.0

332405090584701 D171 PIONEER SEED COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 31...	1010	112MRVA	31	8.00	90.00	665	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

WASHINGTON COUNTY--Continued

332556090584802 D183 CHEVRON CHEMICAL COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 31...	0940	112MRVA	31	8.00	86.00	685	19.0

332534090544303 E060 MISSISSIPPI STATE UNIVERSITY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1640	112MRVA	31	8.00	100.00	780	18.5

332248090523701 E103 MARK CURTIS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	0735	112MRVA	8.00	113.00	796	19.0	

332402090555601 E115 O D BAKER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	112MRVA	31	8.00	100.00	875	18.5	

332548090521102 E129 LIVINGSTON FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 29...	1605	112MRVA	31	8.00	98.00	660	19.0

332320090461401 F110 WILLIAM AZLIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1005	112MRVA	31	8.00	100.00	676	18.5

331716091001801 G010 DAVID STUTES

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1345	112MRVA	31	8.00	87.00	1580	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 WASHINGTON COUNTY--Continued
 331819091062101 G014 REFUGE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1635	112MRVA	8.00	130.00	719	19.0

331840091063601 G212 BELL PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1605	112MRVA	31	8.00	90.00	512	19.0

331818091014201 G216 JAMES DYCUS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1505	112MRVA	31	8.00	80.00	1010	19.0

332033091062701 G234 PERCY BELL

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1710	112MRVA	8.00	85.00	749	19.0

331853090542001 H017 FLOYD BANCHETTI

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1145	112MRVA	31	8.00	115.00	580	19.0

332028090570701 H112 HARRY BRANTON

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1205	112MRVA	8.00	80.00	710	19.0

331657090575301 H141 AQUA FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 30...	1255	112MRVA	31	8.00	92.00	1030	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

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MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
WASHINGTON COUNTY--Continued
331646090495001 J060 TRAIL LAKE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0915	112MRVA	8.00	105.00	535	19.0

332002090473401 J061 FAIRFAX INCORPORATED

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0830	112MRVA	8.00	100.00	514	19.0

331118090594201 K080 LAKELAND FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0840	112MRVA	31	8.00	105.00	569	19.0

331310091014201 K082 WAYNE DAVIS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	0850	112MRVA	31	8.00	116.00	670	19.0

331334090563201 L101 FARM FRESH INCORPORATED

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	0920	112MRVA	31	8.00	98.00	1670	19.0

331552090481101 M087 UNKNOWN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0940	112MRVA	31	8.00	110.00	555	19.0

331457090453801 M124 ROSS PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1035	112MRVA	8.00	115.00	561	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 WASHINGTON COUNTY--Continued
 331128090440801 M150 BILLY HARRIS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1225	112MRVA	31	8.00	130.00	1230	18.5

330837091032601 N068 LONGWOOD FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72008)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0810	112MRVA	8.00	100.00	686	19.0	

330952090582901 N073 OPOSSUM RIDGE FARM

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0855	112MRVA	31	8.00	106.00	720	18.5

330820091013801 N078 C G STEELE JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	1220	112MRVA	31	8.00	113.00	903	19.0

331101090534401 O001 A L SAUNDERS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72008)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1705	112MRVA	8.00	125.00	745	19.0	

331028090532401 O024 BILLY FONTENOT

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72008)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1655	112MRVA	8.00	100.00	1200	19.0	

330910090545001 O063 LONGWOOD FARMS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 05...	1640	112MRVA	31	8.00	120.00	1790	18.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

WASHINGTON COUNTY--Continued

330717090571701 Q068 LAKE LAND PLANTATION

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0915	112MRVA	31	8.00	120.00	788	19.0

330841090474201 P062 J H THEUNISSEN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1520	112MRVA	8.00	122.00	1140	18.5	

331054090481601 P118 SHERMAN YATES

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 06...	1120	112MRVA	31	8.00	115.00	951	19.0

330600090473301 P120 WILLETTE PLANTING COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1545	112MRVA	8.00	110.00	1020	19.0	

330630090430501 Q059 ANTHONY FREY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1440	112MRVA	31	8.00	107.00	844	18.5

330957090424801 Q067 RAY BARGES

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 16...	1355	112MRVA	8.00	102.00	838	19.0	

331104090443401 Q098 JOHN MCCOLLUM

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 15...	1155	112MRVA	31	8.00	108.00	1200	18.5

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 WASHINGTON COUNTY--Continued

330210091054601 R027 HOWARD NEW

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	1115	112MRVA	8.00	103.00	842	19.0

330103091061001 R051 NIPPER & SONS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	1040	112MRVA	8.00	110.00	812	19.0

330533090564401 S001 J C WILLIS JR

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 17...	1035	112MRVA	31	8.00	126.00	641	19.0

330212090592401 S104 4C LAND COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 24...	0940	112MRVA	31	8.00	121.00	812	19.0

YAZOO COUNTY

325824090231801 A048 EDEN FISHERIES

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1205	112MRVA	8.00	116.00	720	19.0

325315090380201 E024 TOMMY WOODARD

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1540	112MRVA	8.00	115.00	735	19.0

325132090394201 E030 PHILLIPS FARMS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1435	112MRVA	8.00	115.00	746	19.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued

GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued

YAZOO COUNTY--Continued

325416090301801 F042 MARION BASKIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1530	112MRVA	31	8.00	124.00	469	19.0

325218090304401 F046 T STICKLIN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	1600	112MRVA	31	8.00	113.00	480	19.0

325054090282601 F053 SAM COLEMAN

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 07...	1020	112MRVA	31	8.00	96.00	743	19.0

325412090225001 G048 MISSISSIPPI CHEMICAL COMPANY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1115	112MRVA	8.00	156.00	654	19.0	

325007090251501 G070 CITY OF YAZOO CITY

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72006)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 04...	1305	112MRVA	8.00	131.00	855	19.0	

325514090255301 G098 CLARK & CATO

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
JUL 14...	0855	112MRVA	31	8.00	125.00	477	19.0

324518090351101 J022 NABORS

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 07...	0935	112MRVA	31	8.00	110.00	520	19.0

WATER-QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES
 WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
 MISSISSIPPI RIVER ALLUVIAL PLAIN--Continued
 GROUND-WATER SPECIFIC CONDUCTANCE STUDY--Continued
 YAZOO COUNTY--Continued
 324330090394001 P028 CLIFFORD TRAMMELL

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 07...	0850	112MRVA	31	8.00	130.00	509	19.0

324232090325001 Q023 J J PEASTER

DATE	TIME	GEO- LOGIC UNIT	SAMPLE SOURCE (72005)	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 07...	1205	112MRVA	31	8.00	96.00	708	19.0

323856090391601 U078 DIXIE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 11...	0925	112MRVA	8.00	104.00	523	19.0

323638090385801 U085 DIXIE FARMS

DATE	TIME	GEO- LOGIC UNIT	SAM- PLING CONDI- TION (72006)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
AUG 20...	0830	112MRVA	8.00	103.00	629	19.0

ADAMS COUNTY

313330091223702. Local number, C002.

LOCATION.--Lat 31°33'30", long 91°22'37", in irregular sec.16, T.7 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, at city water treatment plant on Brenham Avenue in Natchez.

Owner: City of Natchez.

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 607 ft.

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

DATUM.--Land-surface datum is 237.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

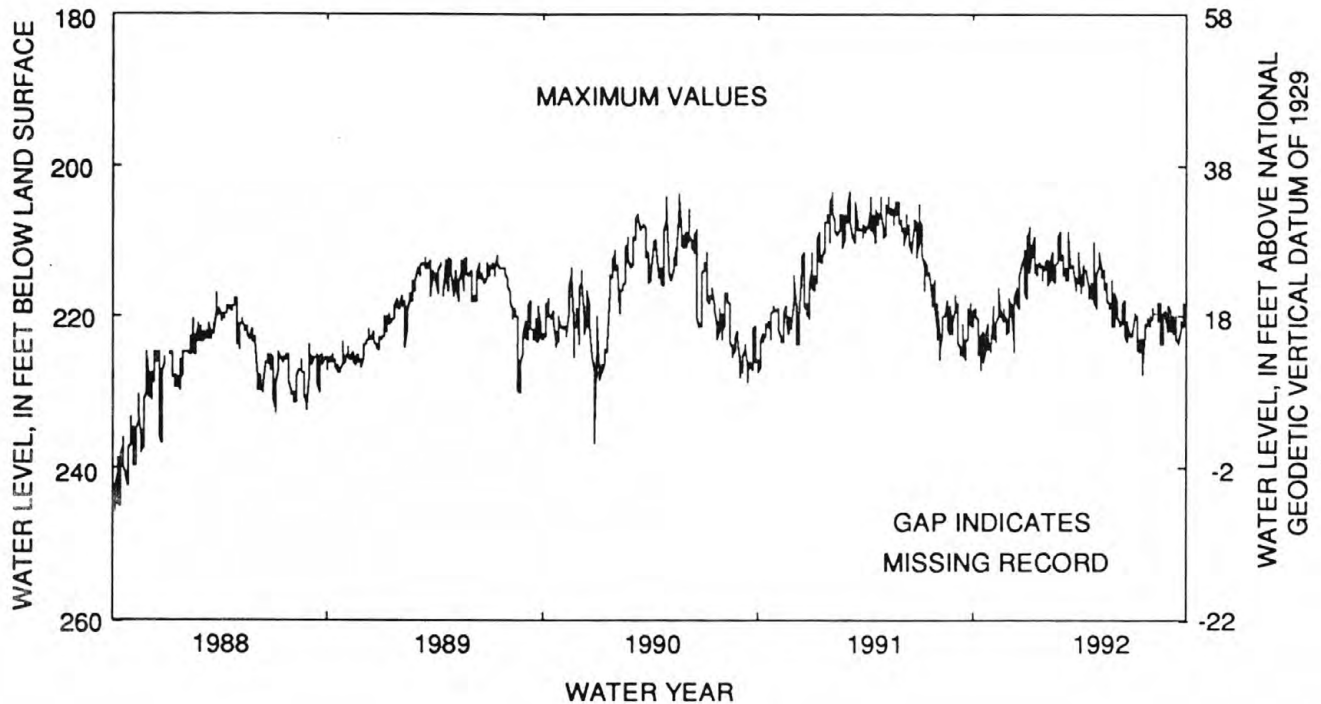
PERIOD OF RECORD.--Miscellaneous water-level measurements, August 1940, September 1955, periodic water-level measurements June 1980 to July 1982, August 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 188.23 ft below land-surface datum, Aug. 5, 1940, lowest, 271.72 ft below land-surface datum, Jan. 23, 1983.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	219.19	218.63	219.19	208.37	212.72	214.64	217.09	212.07	220.69	220.17	219.52	220.16
10	224.48	222.82	223.08	212.34	213.55	215.16	214.06	213.86	220.82	224.39	--	221.94
15	226.79	217.13	216.38	210.52	212.31	209.06	217.64	215.61	219.36	222.88	218.18	223.22
20	221.79	219.30	218.03	214.44	213.36	214.27	217.15	218.60	222.44	222.84	223.75	221.10
25	223.04	219.13	213.05	213.77	209.38	216.53	210.75	216.19	222.12	221.12	220.13	218.29
EOM	224.37	221.89	217.48	214.08	212.68	212.25	217.29	218.19	222.20	220.55	218.61	221.24

WTR YR 1992 HIGH 206.87 JAN 6 LOW 227.53 JUL 17



ADAMS COUNTY--Continued

313256091214201. Local number, C067.

LOCATION.--Lat 31°32'56", long 91°21'42", in NW4NW4 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 Company.

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.

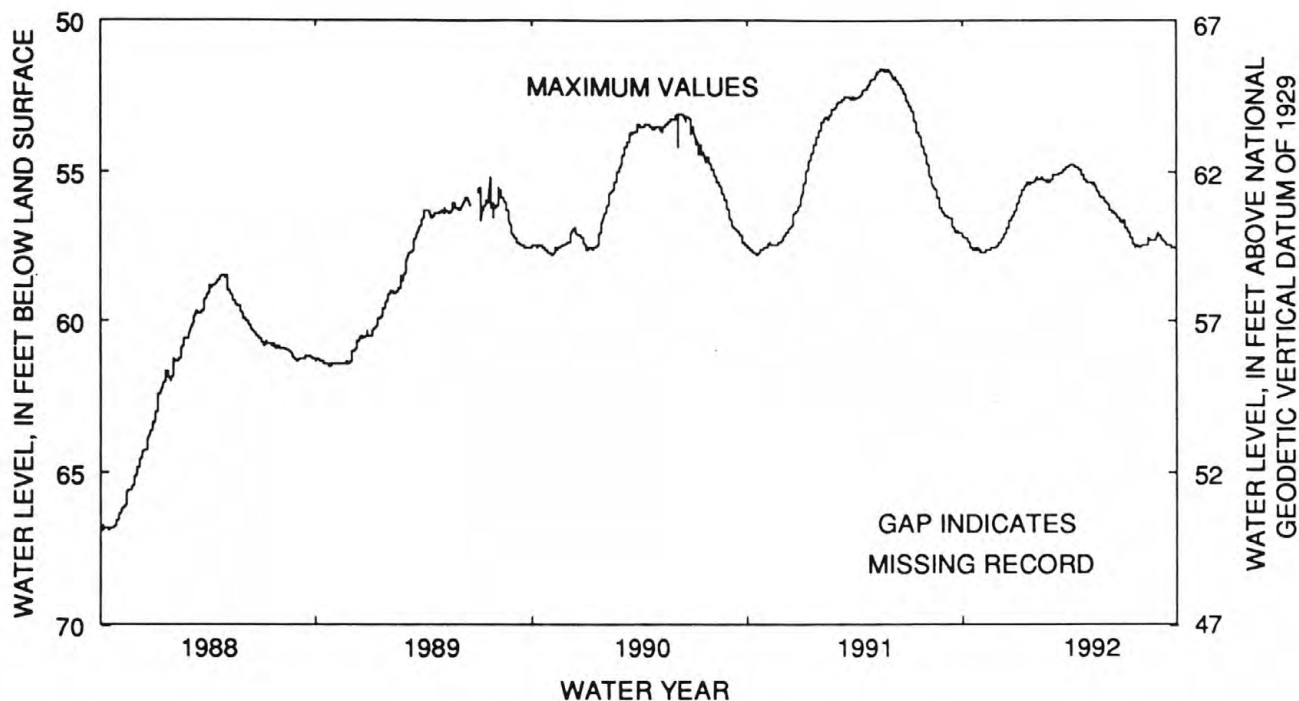
PERIOD OF RECORD.--Miscellaneous water-level measurements April 1961 to May 1982, June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 51.42 ft below land-surface datum, May 8, 1991, lowest, 80.18 ft below land-surface datum, July 25, 1963.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	57.15	57.69	57.37	56.04	55.23	55.16	54.87	55.38	56.12	56.86	57.44	57.24
10	57.25	57.65	57.21	55.83	55.35	55.11	54.81	55.44	56.32	57.05	57.42	57.36
15	57.41	57.64	57.01	55.63	55.26	55.10	54.88	55.51	56.34	57.28	57.29	57.47
20	57.60	57.53	56.87	55.47	55.36	54.99	54.97	55.70	56.42	57.43	57.29	57.53
25	57.70	57.56	56.63	55.44	55.34	54.92	55.22	55.90	56.57	57.50	57.33	57.58
EOM	57.56	57.47	56.33	55.38	55.34	54.86	55.34	56.01	56.63	57.51	57.15	57.63

WTR YR 1992 HIGH 54.70 APR 7 LOW 57.70 OCT 25



ADAMS COUNTY--Continued

313605091202201. Local number, D001.

LOCATION.--Lat 31°36'05", long 91°20'22", in sec.12, T.7 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, at power plant, 5.0 mi northeast of center of Natchez.

Owner: Mississippi Power and Light Company.

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, 1.60 ft above land-surface datum.

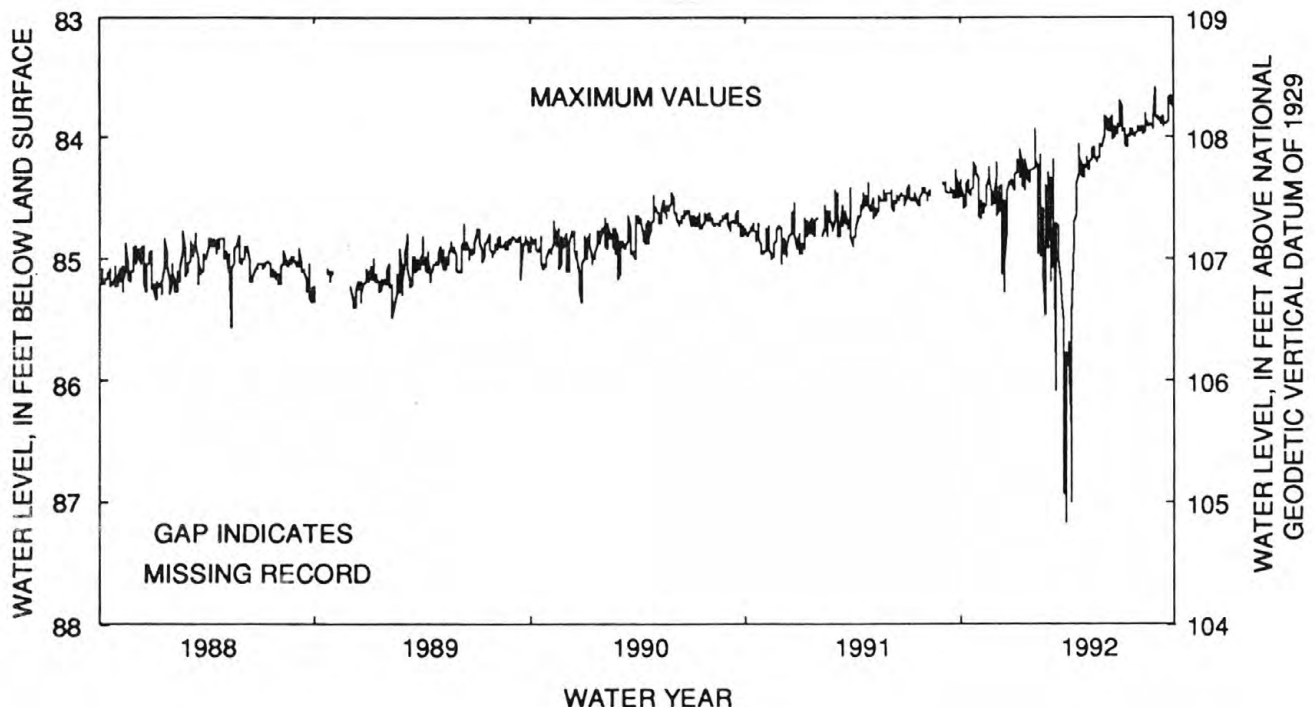
PERIOD OF RECORD.--Periodic water-level measurements June 1975 to March 1983, April 1983 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	84.39	84.65	84.60	84.25	83.95	85.17	85.71	84.15	83.85	83.94	83.89	83.85
10	84.54	84.59	84.71	84.31	84.26	84.36	85.56	84.22	83.94	84.05	83.95	83.83
15	84.33	84.44	84.58	84.31	84.16	84.70	84.52	84.07	83.86	83.96	83.88	83.88
20	84.47	84.23	84.81	84.43	85.07	85.20	84.06	84.18	83.90	83.98	83.89	83.69
25	84.36	84.52	84.38	84.33	85.02	86.34	84.21	84.09	83.93	83.99	83.93	83.72
EOM	84.28	84.35	84.43	84.26	84.60	85.85	84.22	84.07	83.69	83.93	83.84	83.85

WTR YR 1992 HIGH 83.20 AUG 26 LOW 87.17 MAR 29



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.

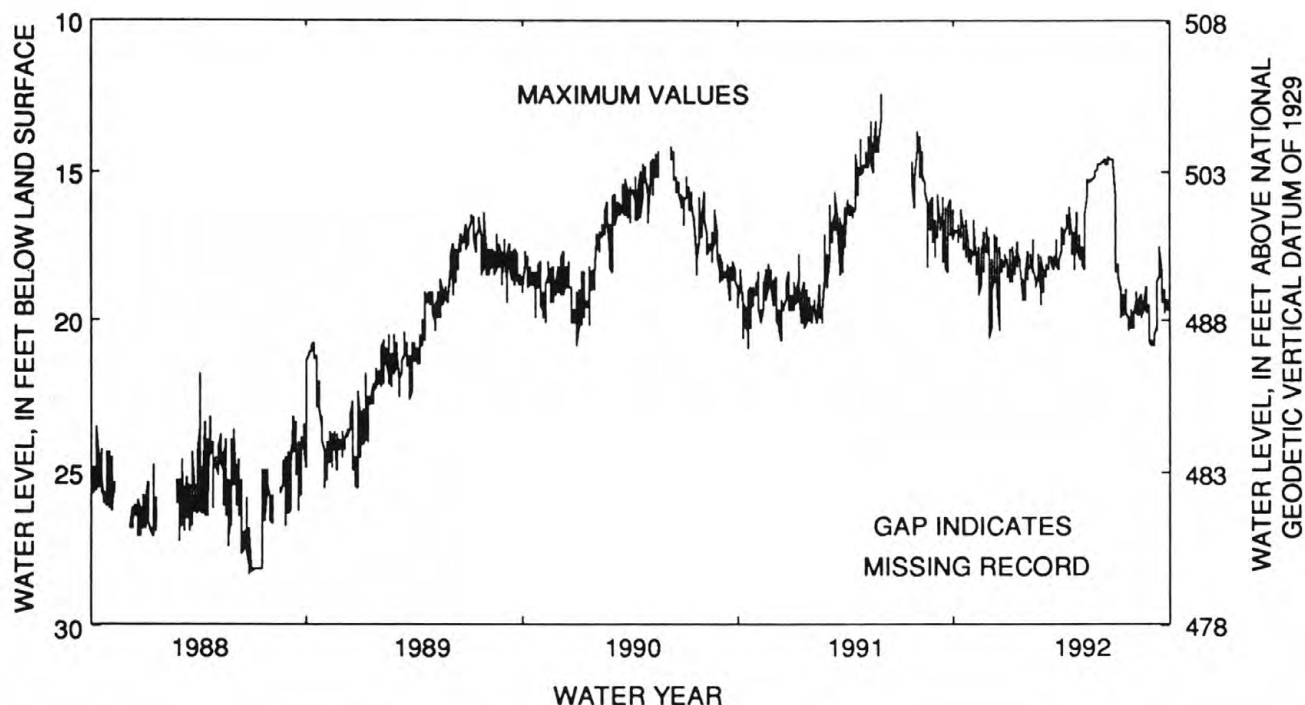
PERIOD OF RECORD.--Miscellaneous water-level measurements January 1957, October 1969, February 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.88 ft below land-surface datum, June 1, 1990, lowest, 28.72 ft below land-surface datum, Dec. 23, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.29	17.07	20.26	18.07	17.74	18.37	16.87	17.17	14.83	18.35	19.81	20.76
10	17.37	18.27	17.17	18.70	18.24	18.10	17.11	18.29	14.76	19.03	19.81	20.25
15	17.21	18.02	18.06	17.97	18.17	17.89	16.88	15.38	14.60	19.66	19.21	18.54
20	17.67	17.57	20.30	18.17	18.91	17.92	17.00	15.38	14.65	19.67	19.68	19.43
25	17.76	18.07	18.12	18.09	17.85	18.15	17.34	15.32	14.61	19.91	19.26	19.60
EOM	18.02	17.83	18.06	19.23	18.87	18.02	17.58	15.12	14.65	20.21	20.66	19.46

WTR YR 1992 HIGH 14.51 JUN 22 LOW 20.85 SEP 1



CLAY COUNTY

333712088384601. Local number, H046.

LOCATION.--Lat 33°37'12", long 88°38'46", in NE4NW4 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

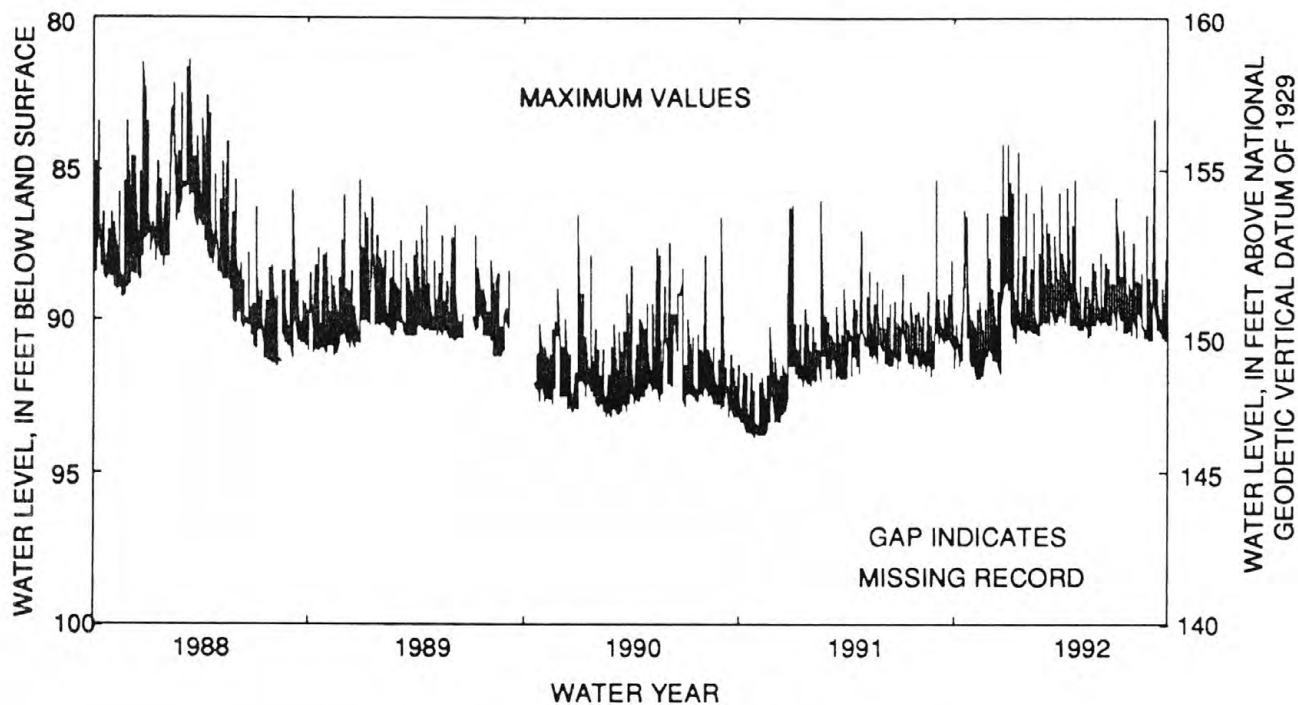
January 1971 to December 1980, January 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 27.95 ft below land-surface datum, July 16, 1963, lowest, 93.88 ft below land-surface datum, Oct. 24, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	91.59	91.12	91.06	85.44	89.96	90.06	87.81	89.67	90.08	86.45	89.97	90.67
10	91.45	89.63	90.77	90.57	89.01	89.48	90.11	88.88	89.89	89.94	88.81	90.00
15	90.70	91.90	89.06	90.31	90.27	87.17	89.83	90.43	88.81	90.01	89.86	89.99
20	86.51	91.51	91.74	84.49	90.39	90.15	88.34	90.23	90.20	89.13	90.32	88.95
25	90.52	90.48	84.23	90.38	89.58	89.82	90.03	88.73	90.02	90.38	90.20	90.66
EOM	91.20	89.40	88.73	90.40	89.32	89.44	90.02	88.37	89.67	90.51	89.43	90.33

WTR YR 1992 HIGH 80.62 SEP 8 LOW 91.94 NOV 16



GROUND-WATER LEVELS
CLAY COUNTY--Continued

333509088402801. Local number, H099.

LOCATION.--Lat 33°35'09", long 88°40'28", in NE¼NW¼ sec.21, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, 1.0 mi southwest of city of West Point.

Owner: City of West Point.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous Age.

WELL CHARACTERISTICS.-- Drilled unused artesian well, diameter 12 in, depth 400 ft.

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

DATUM.--Land-surface datum is 200 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 2.35 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

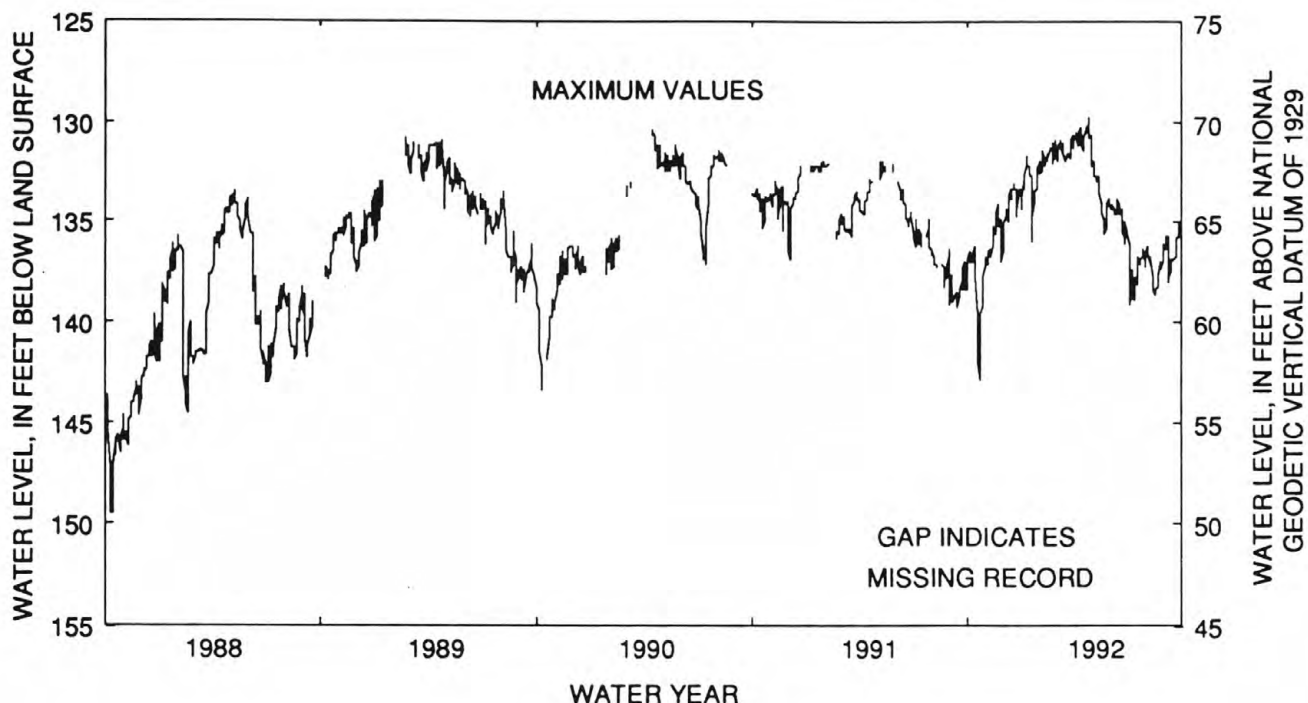
PERIOD OF RECORD.--Miscellaneous water-level measurements November 1971, August 1976, April 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 129.75 ft below land-surface datum Apr. 25, 1992, lowest, 182.42 ft below land-surface datum, Aug. 26, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	136.91	137.10	134.72	132.89	131.85	131.25	130.69	132.50	134.14	139.03	136.62	135.72
10	136.67	136.27	134.85	132.03	132.27	131.23	130.57	132.70	134.58	138.82	137.64	137.53
15	137.83	135.43	133.54	132.28	131.61	131.48	131.12	134.05	134.29	137.72	138.38	136.97
20	139.92	135.32	133.23	134.67	131.36	131.71	130.59	135.03	134.57	136.97	138.24	135.90
25	142.69	135.19	134.13	133.40	131.97	131.76	129.75	135.16	135.99	136.69	137.32	135.11
EOM	137.68	136.49	133.30	132.02	130.94	131.31	131.15	133.96	135.61	136.55	136.31	135.51

WTR YR 1992 HIGH 129.58 APR 25 LOW 142.87 OCT 24



FORREST COUNTY

312115089193601. Local number, B006.

LOCATION.--Lat 31°21'15", long 89°19'36", in SE4NW4 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 Upper Catahoula Sandstone 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.

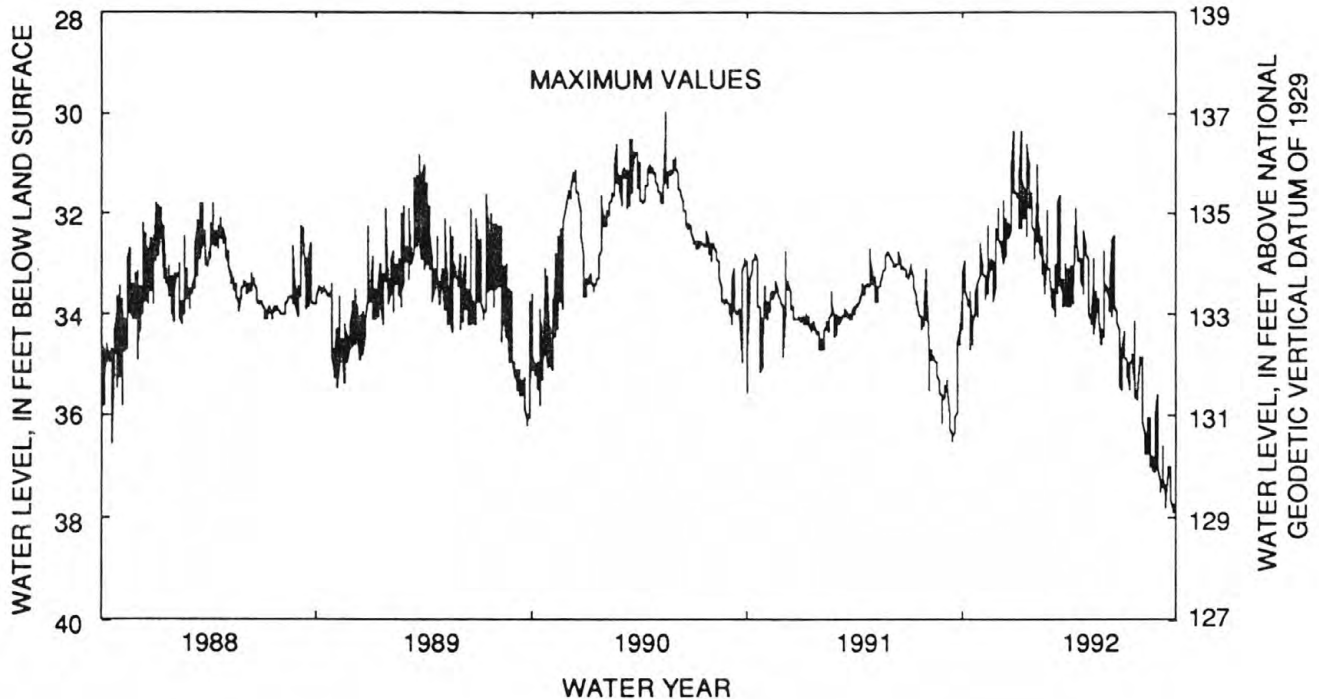
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.0 ft below land-surface datum, Sept. 1, 1955, lowest, 37.92 ft Sept. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	33.19	33.12	32.57	31.70	31.01	33.86	33.09	33.59	33.63	34.83	36.10	37.46
10	33.77	33.23	32.21	32.16	32.31	33.05	33.81	33.46	32.74	35.39	36.75	37.51
15	34.54	33.56	32.84	31.71	32.85	31.79	32.79	33.55	33.32	34.90	36.08	37.22
20	34.57	33.09	32.18	32.41	33.58	33.70	32.98	33.79	33.98	35.29	36.79	37.08
25	33.65	33.71	31.43	31.88	33.07	33.06	33.58	34.59	35.07	35.67	36.92	37.92
EOM	33.37	32.39	31.58	32.34	33.20	33.11	32.71	32.72	34.72	34.91	37.01	37.14

WTR YR 1992 HIGH 30.09 JAN 13 LOW 37.92 SEP 25



HARRISON COUNTY

302355088540301. Local number, M120.

LOCATION.--Lat 30°23'55", long 88°54'03", in NW4SE4 sec.26, T.7 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170004, at Howard Avenue and Querens Street, 1.0 mi west of center of Biloxi.

Owner: City of Biloxi.

AQUIFER.--Sand of Pascagoula Formation of late Miocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth reported 928 ft, sounded to 660 ft.

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

DATUM.--Land-surface datum is 21.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8-in flange, 3.00 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

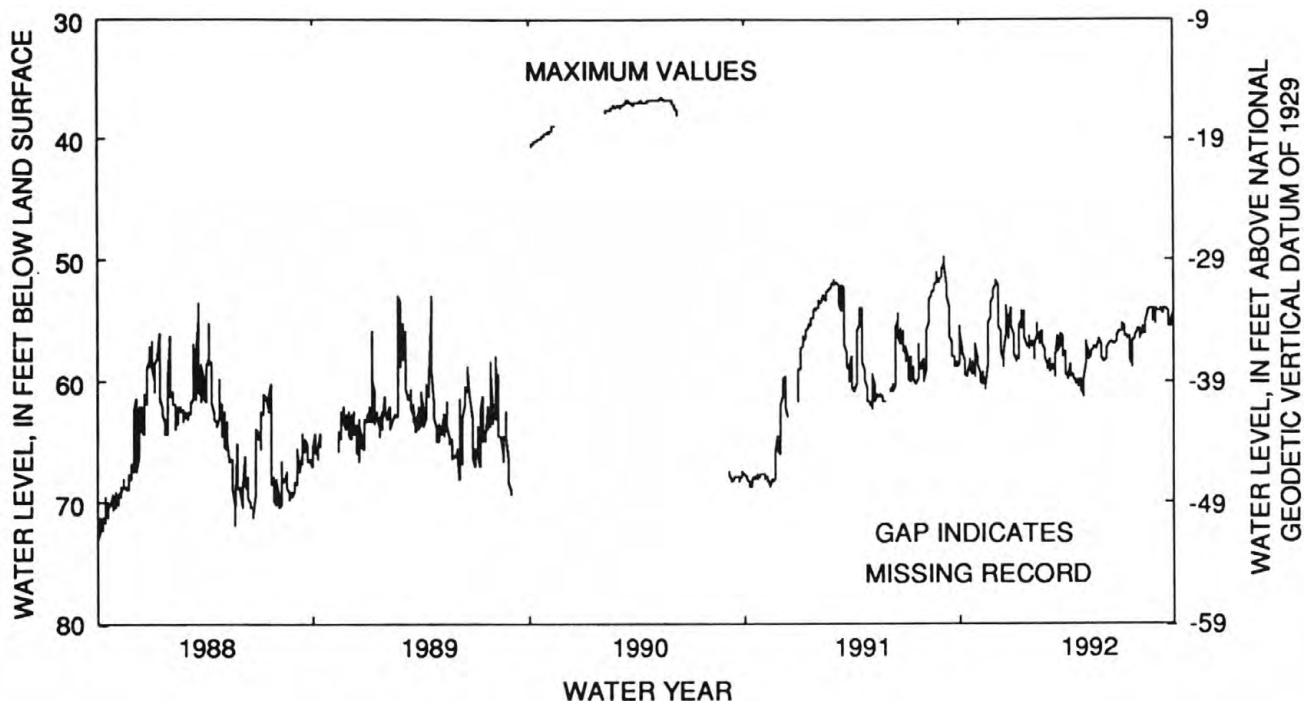
PERIOD OF RECORD.--Miscellaneous water-level measurements 1903, periodic water-level measurements January 1945 to June 1946, March 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 44.0 ft above land-surface datum, 1903, lowest, 79.14 ft below land-surface datum, Aug. 5, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	55.93	59.44	52.02	58.23	57.64	59.11	59.82	56.73	58.00	55.08	56.26	54.18
10	58.83	60.22	56.37	58.20	55.27	58.99	59.38	57.95	56.96	56.14	55.98	54.10
15	59.54	60.36	58.37	55.53	56.19	58.09	60.23	57.35	56.68	56.14	54.37	54.09
20	58.03	56.11	54.84	54.12	56.80	56.96	59.72	57.04	56.88	58.54	54.03	55.13
25	58.51	54.03	56.02	57.17	57.97	57.27	59.74	56.68	56.55	56.44	54.89	55.38
EOM	56.93	52.10	56.06	56.61	58.78	59.02	61.08	56.82	55.87	55.68	54.01	54.18

WTR YR 1992 HIGH 51.14 DEC 2 LOW 61.12 APR 29



HARRISON COUNTY--Continued

302406088593201. Local number, M544.

LOCATION.--Lat 30°24'06", long 88°59'32", in NW4SE4 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.

REMARKS.--Water levels affected by nearby pumping.

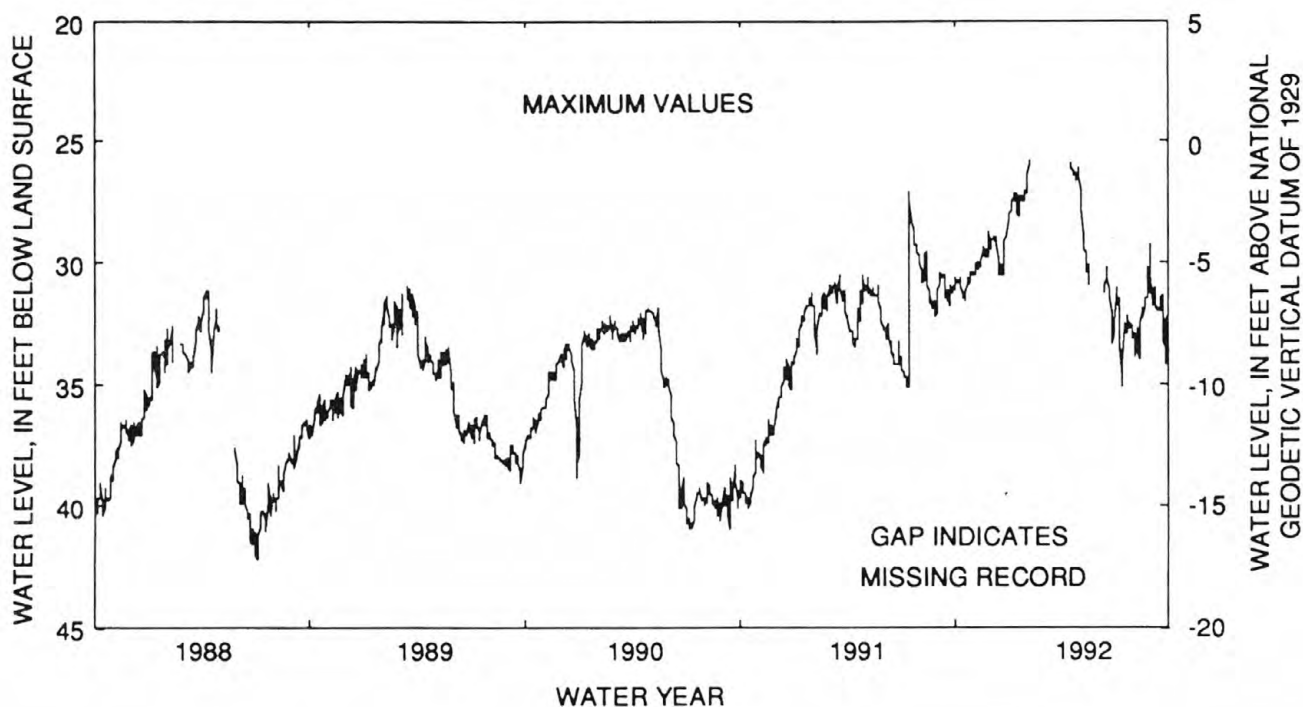
PERIOD OF RECORD.--Miscellaneous water-level measurements June 1969, October 1981, April 1983 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.84	30.47	29.09	27.87	25.84	---	---	27.45	---	31.66	32.90	31.12
10	31.03	30.22	29.15	27.51	---	---	---	29.52	31.24	34.44	33.88	31.96
15	31.46	30.17	30.29	27.28	---	---	---	30.02	30.16	32.90	32.49	31.92
20	31.09	29.28	30.27	28.06	---	---	26.23	---	31.08	32.48	31.89	32.78
25	30.61	29.58	30.50	27.44	---	---	26.62	---	31.92	32.69	31.02	32.76
EOM	30.33	28.71	28.35	27.13	---	---	26.10	---	32.57	32.96	30.34	31.96

WTR YR 1992 HIGH 25.25 APR 16 LOW 35.13 JUL 12



GROUND-WATER LEVELS

HINDS COUNTY

321945090152201. Local number, G125.

LOCATION.--Lat 32°19'45", long 90°15'22", in SE4SW4 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).

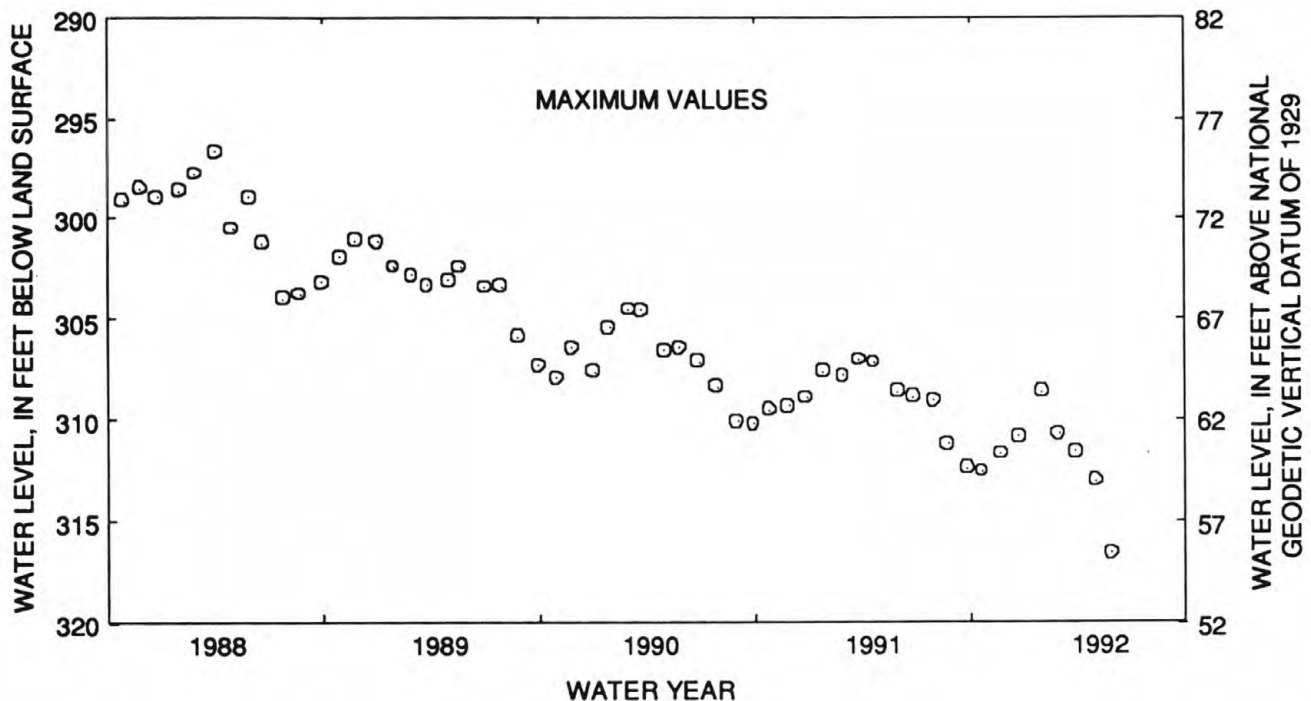
Measuring point: Top of 4-in coupling, 0.50 ft above land-surface datum.

PERIOD OF RECORD.--Miscellaneous water-level measurement 1928, periodic water-level measurements September 1944 to May 1992 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 160.0 ft below land-surface datum, 1928, lowest measured, 316.60 ft below land-surface datum, May 27, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	312.54	DEC 23	310.32	FEB 26	310.67	APR 30	313.01
NOV 22	311.66	JAN 30	308.56	MAR 27	311.56	MAY 27	316.60



HINDS COUNTY--Continued

321957090105601. Local number, H155.

LOCATION.--Lat 32°19'57", long 90°10'56", in NW4SE4 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: Department of Environmental Quality, Office 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).

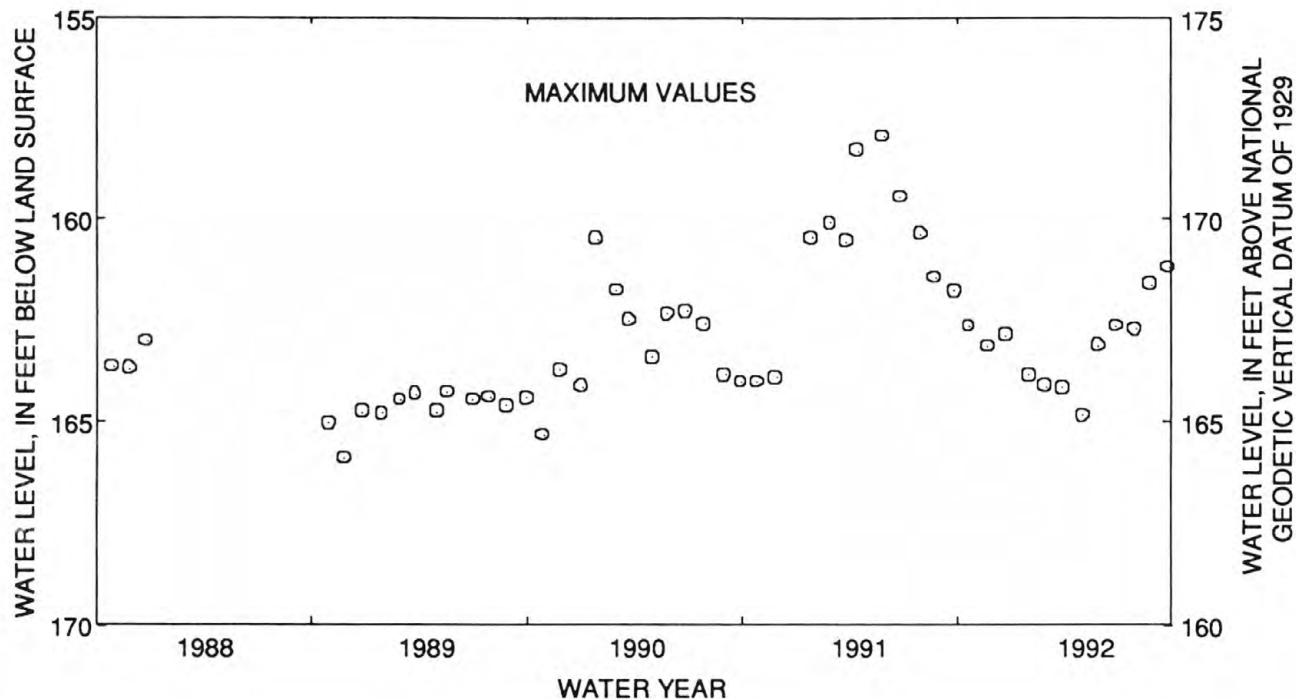
Measuring point: Top of casing, 40 ft above land-surface datum.

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, 165.90 ft below land-surface datum, Nov. 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	162.63	DEC 25	162.83	FEB 26	164.10	APR 30	164.83	JUN 25	162.60	AUG 25	161.58
NOV 22	163.14	JAN 30	163.83	MAR 27	164.16	MAY 27	163.10	JUL 30	162.70	SEP 23	161.16



JACKSON COUNTY

302103088294701. Local number, Q403.

LOCATION.--Lat 33°21'03", long 88°29'47", in NEMSE4 sec. 17, T. 8 S., R. 5 W., St. Stephens Meridian, Jackson County.

Hydrologic Unit 03170009, mi southeast of center of Pascagoula 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.

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

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.

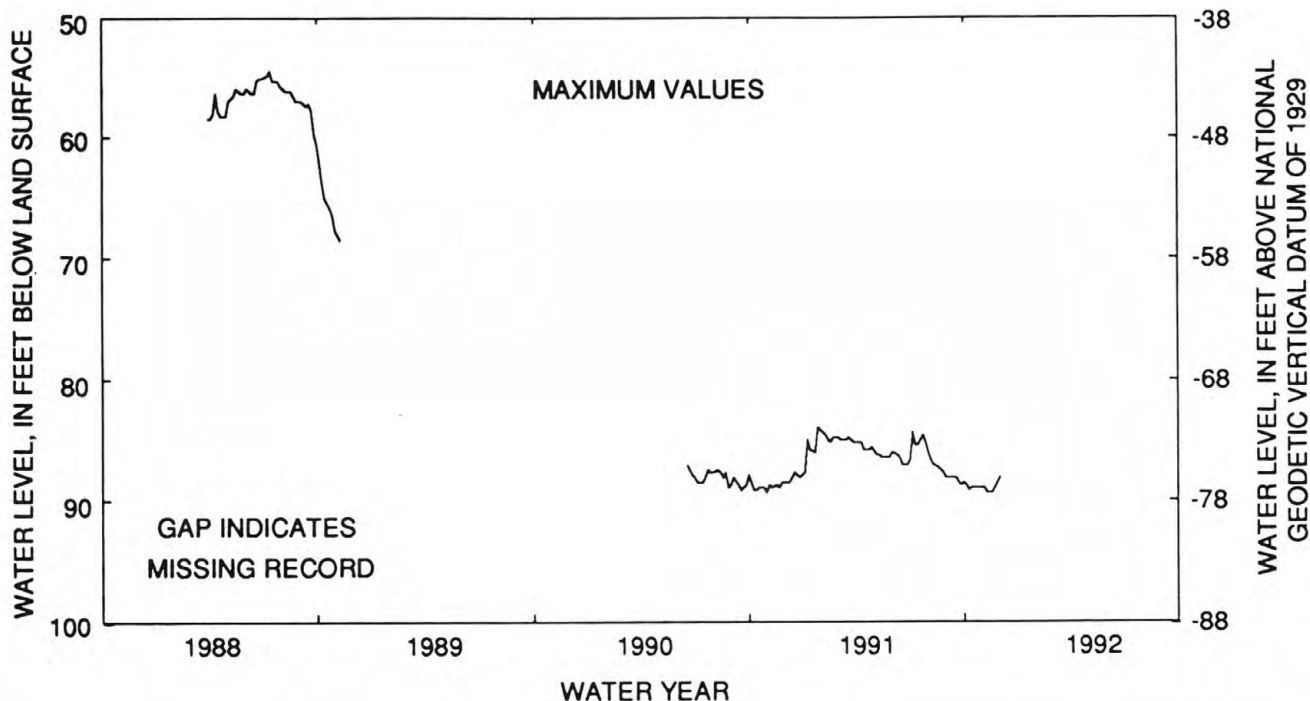
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.90 ft below land-surface datum, Apr. 17, 1991;

lowest measured, 145.1 ft below land-surface datum, June 19, 1974.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	58.53	56.94	---	---	---	---	89.09	84.89	84.67	---	---
10	---	58.17	57.67	---	---	---	---	89.09	84.73	87.30	---	---
15	---	56.03	64.89	---	---	---	---	89.08	85.77	88.22	---	---
20	---	56.30	68.33	---	---	---	88.62	88.43	86.35	88.82	---	---
25	---	54.89	---	---	---	---	87.82	87.88	86.07	88.98	---	---
EOM	---	55.73	---	---	---	---	88.87	84.14	86.96	88.17	---	---

WTR YR 1992 HIGH 52.60 NOV 14 LOW 89.43 JUL 27



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.

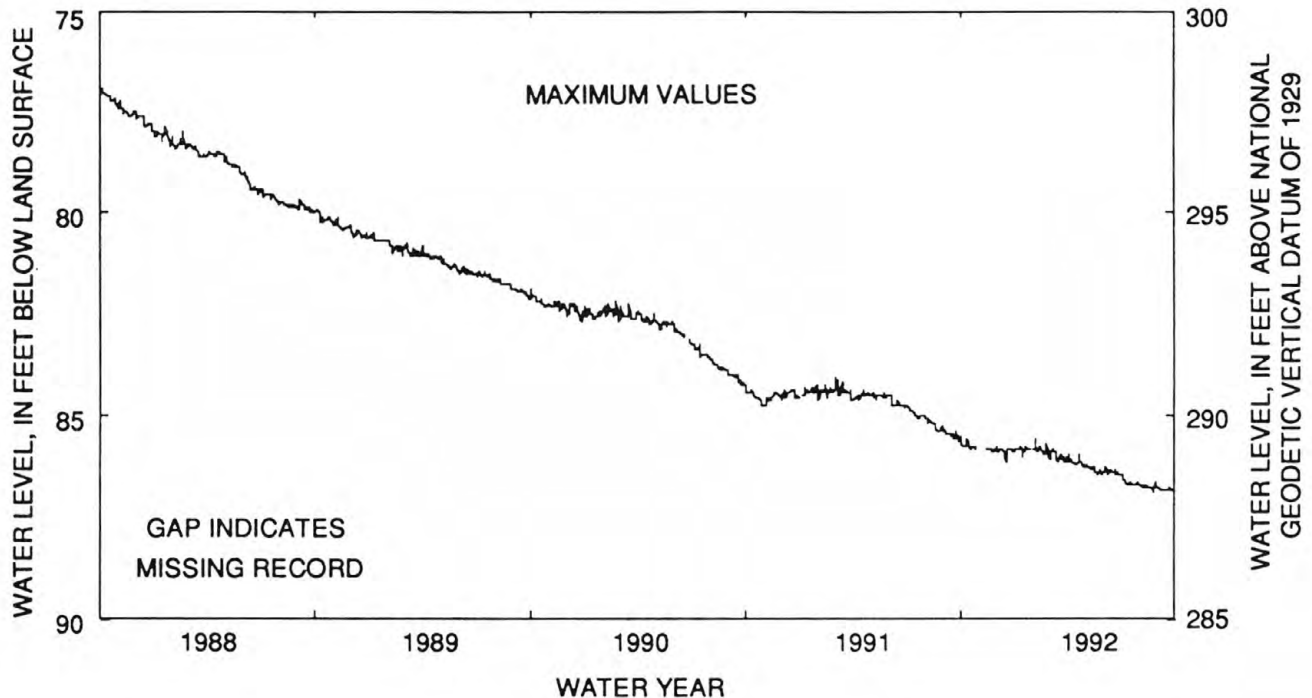
PERIOD OF RECORD.--February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 67.01 ft below land-surface datum, Feb. 5, 1986, lowest, 86.90 ft below land-surface datum, Sept. 20, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	85.65	---	85.91	85.79	85.58	85.86	86.10	86.15	86.30	86.54	86.69	86.81
10	85.70	---	85.81	85.84	85.89	85.87	86.09	86.35	86.41	86.69	86.75	86.81
15	85.61	85.84	85.90	85.92	85.78	86.08	86.17	86.29	86.38	86.66	86.74	86.86
20	85.76	85.80	86.09	85.94	85.96	86.06	85.93	86.41	86.35	86.66	86.76	86.76
25	85.76	85.90	85.82	85.85	85.71	86.05	86.12	86.32	86.40	86.71	86.85	86.85
EOM	85.75	85.80	85.89	---	85.94	86.09	86.17	86.45	86.44	86.69	86.79	86.90

WTR YR 1992 HIGH 85.07 FEB 23 LOW 86.90 SEP 30



GROUND-WATER LEVELS

JONES COUNTY

314210089084401. Local number, C034.

LOCATION.--Lat 31°42'47", long 89°08'44", in SW4SE4 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.

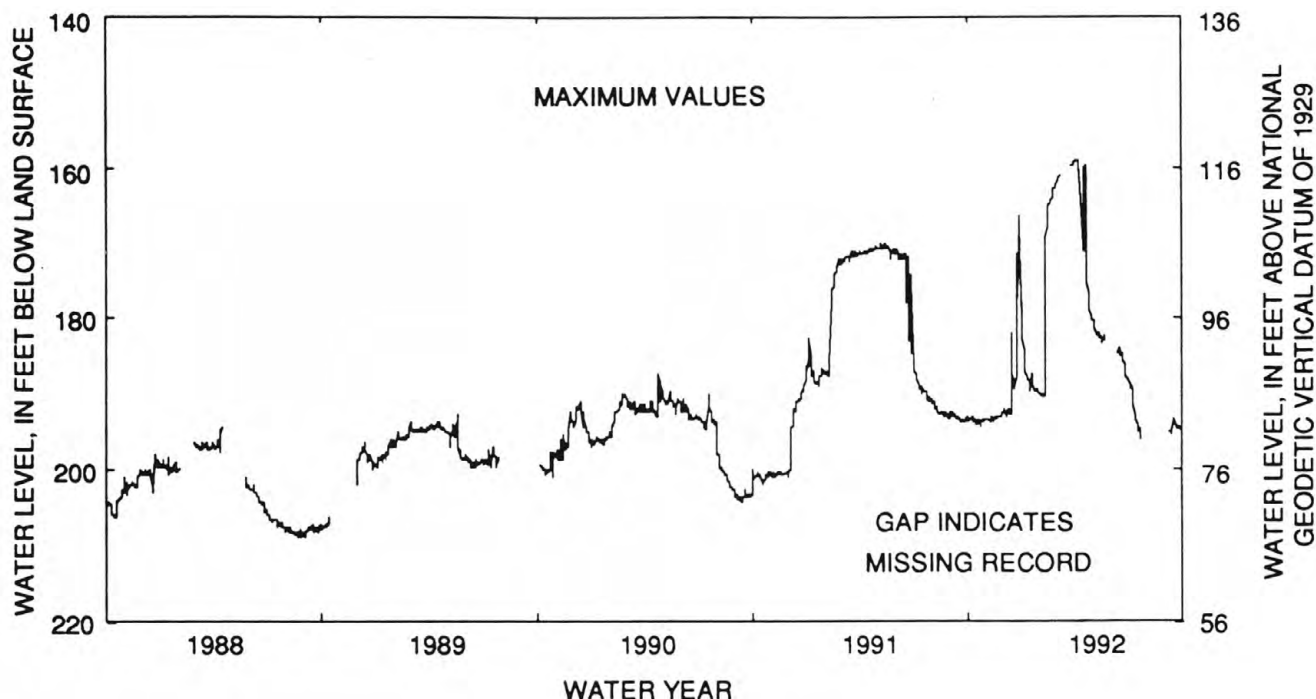
PERIOD OF RECORD.--Miscellaneous water-level measurement October 1945, September 1982 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	193.78	193.44	192.54	185.03	189.81	161.39	159.40	180.82	---	188.83	---	---
10	193.69	193.55	192.25	188.02	190.34	---	159.18	182.06	---	192.53	---	194.83
15	193.66	193.61	191.40	188.83	167.45	---	164.83	183.16	184.14	193.97	---	194.99
20	193.71	193.41	189.04	187.35	164.51	---	172.57	182.16	184.74	195.02	---	194.77
25	194.30	192.97	175.39	189.57	162.87	159.72	178.44	---	186.38	---	---	194.60
EOB	193.71	192.39	178.72	190.10	162.38	159.49	180.35	---	187.90	---	---	195.55

WTR YR 1992 HIGH 158.91 APR 13 LOW 196.15 JUL 24



JONES COUNTY--Continued

313928089103001. Local number, F020.

LOCATION.--Lat 31°39'28", long 89°10'30", in NE4SE4 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.

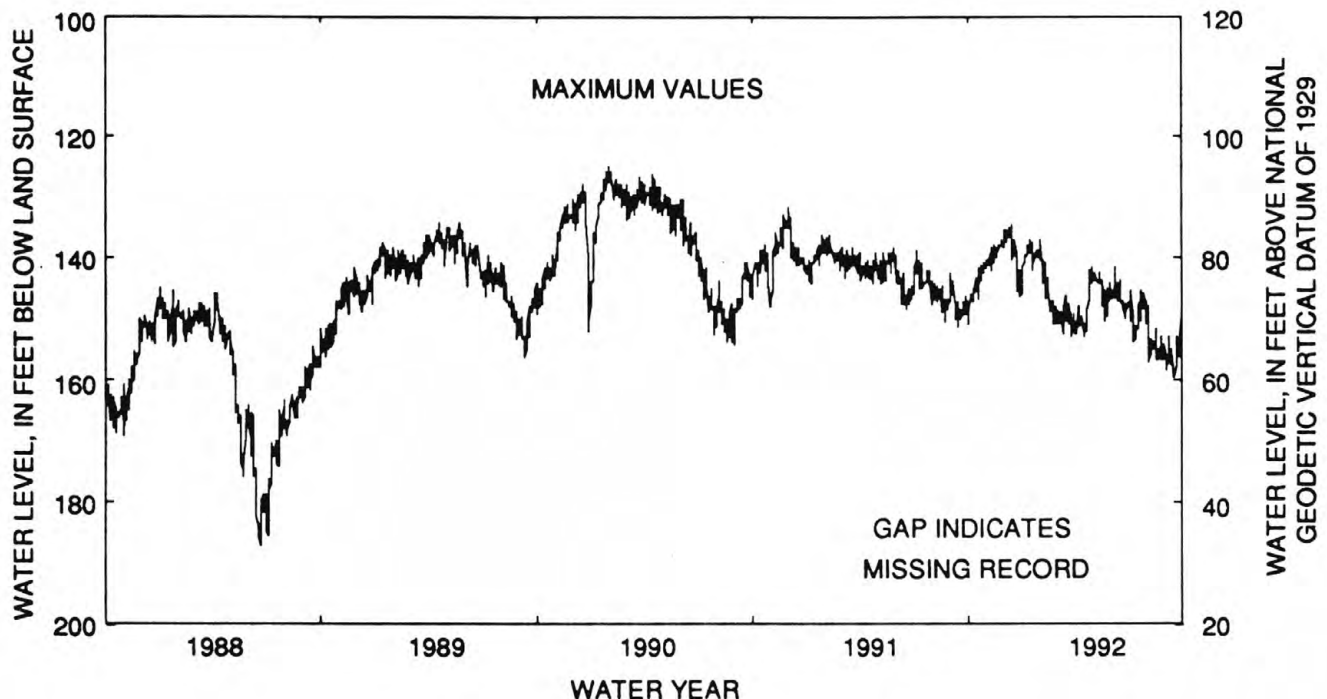
PERIOD OF RECORD.--February 1975 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	149.03	140.21	135.45	139.66	140.32	150.95	152.42	142.91	144.71	145.43	156.91	157.94
10	145.06	141.23	136.05	138.01	142.18	149.15	151.32	144.18	144.93	153.47	154.55	157.37
15	143.05	140.67	134.91	138.54	143.76	148.11	150.80	143.78	145.03	151.80	154.44	154.92
20	144.53	138.16	137.85	141.90	147.57	150.57	151.23	145.37	146.87	146.97	156.50	152.60
25	143.59	138.67	139.05	139.66	150.99	149.19	146.02	149.25	148.41	148.27	155.50	155.95
EOM	140.59	138.16	145.95	138.65	149.47	149.14	141.56	144.28	147.58	150.71	154.22	154.40

WTR YR 1992 HIGH 130.57 DEC 16 LOW 159.33 SEP 16



LAFAYETTE COUNTY

342136089315001. Local number, F005.

LOCATION.--Lat 34°21'36", long 89°31'50", in NW4NE4 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.

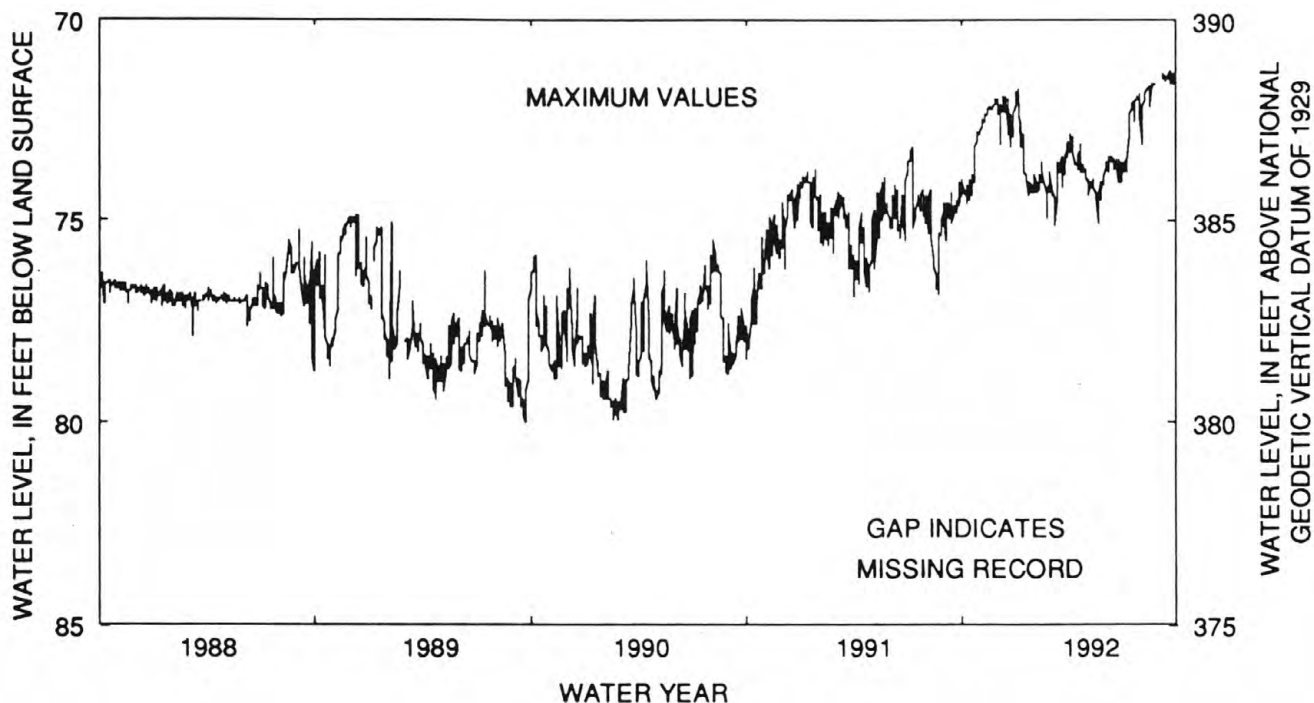
PERIOD OF RECORD.--Miscellaneous water-level measurement 1962, October 1976 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	73.98	72.53	72.14	71.82	74.09	74.20	73.11	74.24	73.57	73.64	72.14	---
10	74.11	72.34	72.29	73.18	74.03	75.08	73.30	74.13	73.38	73.00	71.75	71.44
15	74.27	72.32	72.24	73.32	73.97	73.56	73.56	74.31	73.48	72.26	71.70	71.43
20	73.83	72.24	72.63	73.86	74.00	74.13	73.10	74.95	73.47	72.04	71.61	71.32
25	74.02	72.20	73.19	74.04	74.31	73.37	73.78	74.27	74.05	71.96	71.56	71.33
EOM	72.77	72.04	72.15	74.28	74.26	73.40	73.76	73.89	73.53	72.30	---	71.31

WTR YR 1992 HIGH 71.07 AUG 9 LOW 75.08 MAR 10



LAMAR COUNTY

310935089252001. Local number, L063.

LOCATION.--Lat 31°09'35", long 89°25'20", in SE4SE4 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.

REMARKS.--Water level affected by nearby pumping.

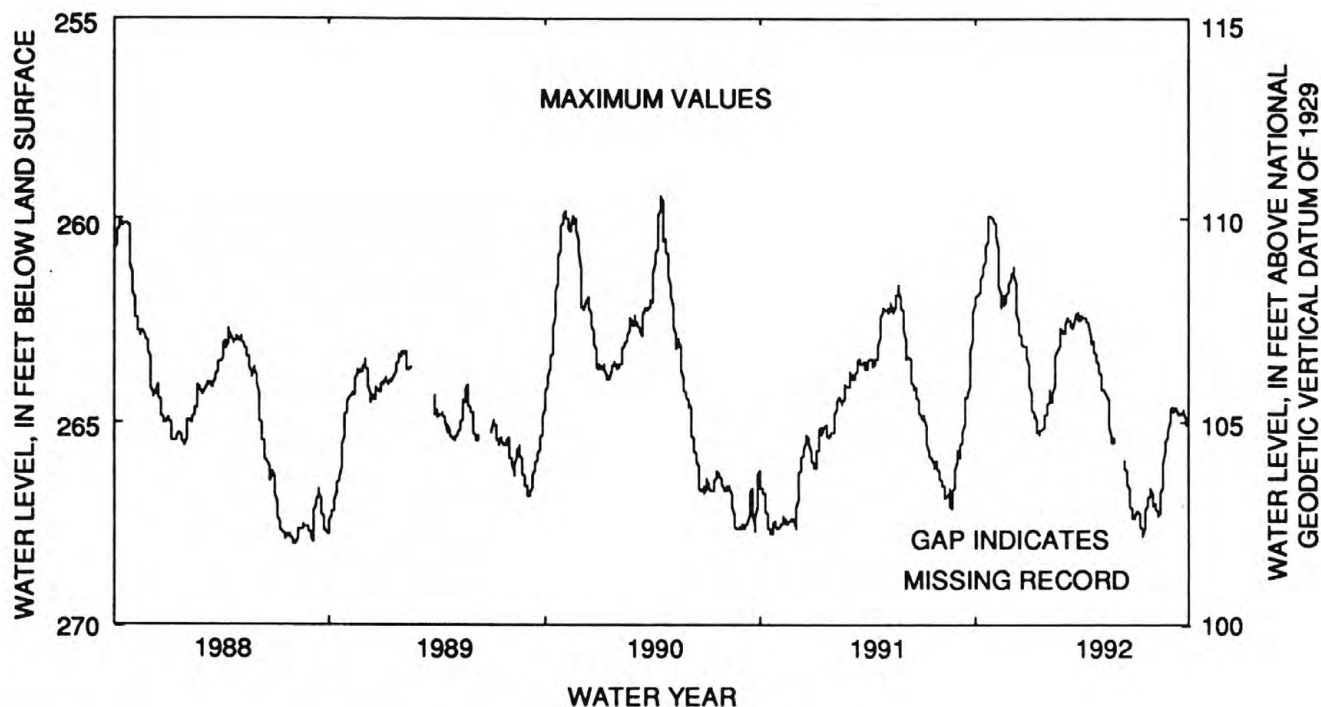
PERIOD OF RECORD.--Periodic water-level measurements 1968, September 1975 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	261.94	260.12	261.32	264.34	264.24	262.64	262.41	264.08	---	267.21	267.12	264.74
10	261.69	261.08	261.77	264.87	264.44	262.47	262.51	264.30	---	267.67	267.28	264.72
15	261.27	262.20	262.51	265.07	264.07	262.61	263.02	264.63	266.19	267.66	266.60	264.78
20	260.85	261.90	262.95	265.27	263.20	262.44	263.10	265.40	266.74	267.06	265.75	264.68
25	260.12	261.94	263.10	265.16	262.69	262.40	263.45	265.50	267.34	266.81	265.30	265.08
EOM	259.90	261.49	263.57	264.80	262.79	262.38	263.63	---	267.34	267.07	264.69	265.14

WTR YR 1992 HIGH 259.79 NOV 1 LOW 267.81 JUL 12



GROUND-WATER LEVELS

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.

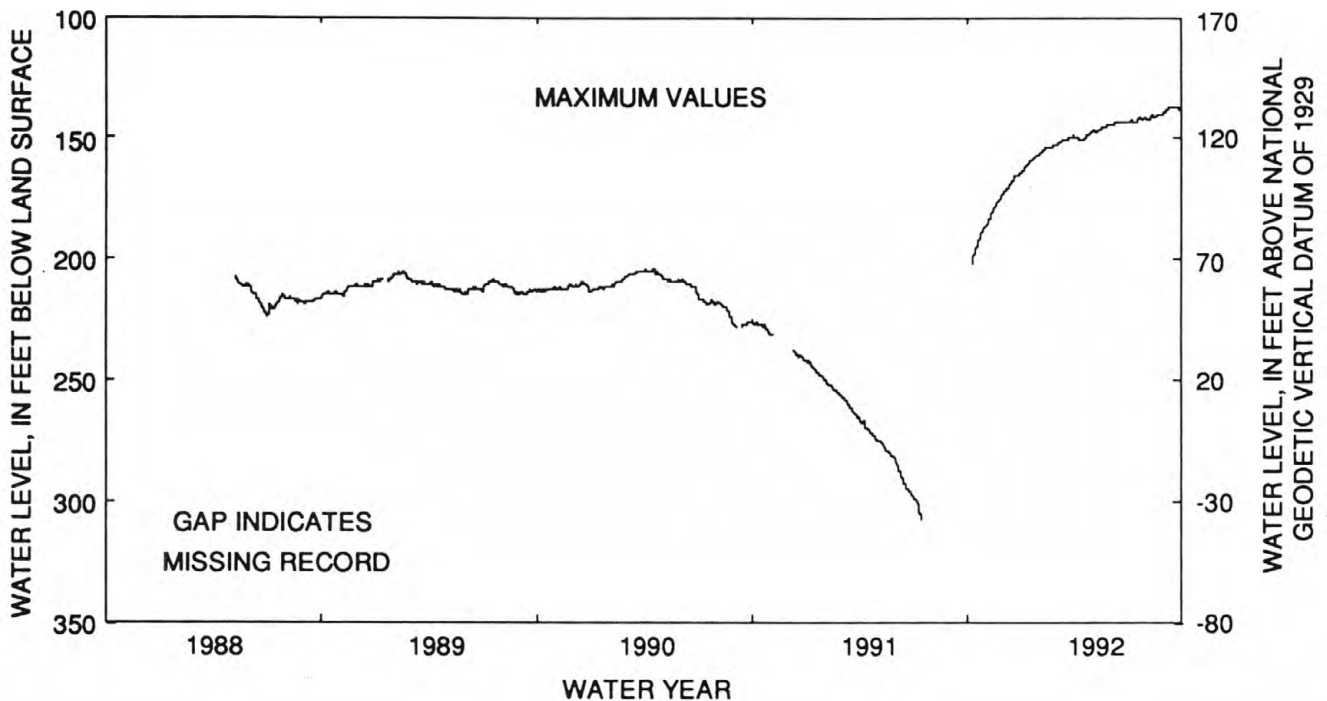
PERIOD OF RECORD.--Miscellaneous water-level measurements 1949, May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level reported, 100 ft below land-surface datum, Dec. 8, 1949, lowest measured, 227.61 ft below land-surface datum, Sept. 5, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	184.37	171.34	162.45	155.39	151.91	149.91	145.83	144.30	143.00	142.02	138.13
10	200.45	181.79	169.65	161.20	154.56	150.70	150.06	146.73	143.48	143.08	140.39	137.02
15	196.50	179.46	168.16	160.06	153.56	151.12	150.32	145.64	143.29	143.05	140.99	137.34
20	193.06	177.30	166.76	158.95	153.73	150.09	149.57	145.17	143.20	141.37	140.15	137.37
25	190.39	175.33	165.59	157.77	153.18	149.70	148.00	144.92	143.52	142.00	140.08	137.60
EOM	187.18	173.30	163.88	156.46	152.95	148.84	147.05	144.28	143.50	141.55	138.93	137.93

WTR YR 1992 HIGH 136.80 SEP 16 LOW 201.93 OCT 8



LEFLORE COUNTY

333315090151801. Local number, G033.

LOCATION.--Lat 33°33'15", long 90°15'18", in NE4SW4 sec.36, T.20 N., R.1 W., Choctaw Meridian, Leflore County, Hydrologic Unit 08030207, 2.5 mi northwest of Greenwood along U.S. Highway 49.

Owner: John Carl.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 10 in, depth 110 ft.

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

DATUM.--Land-surface datum is 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.

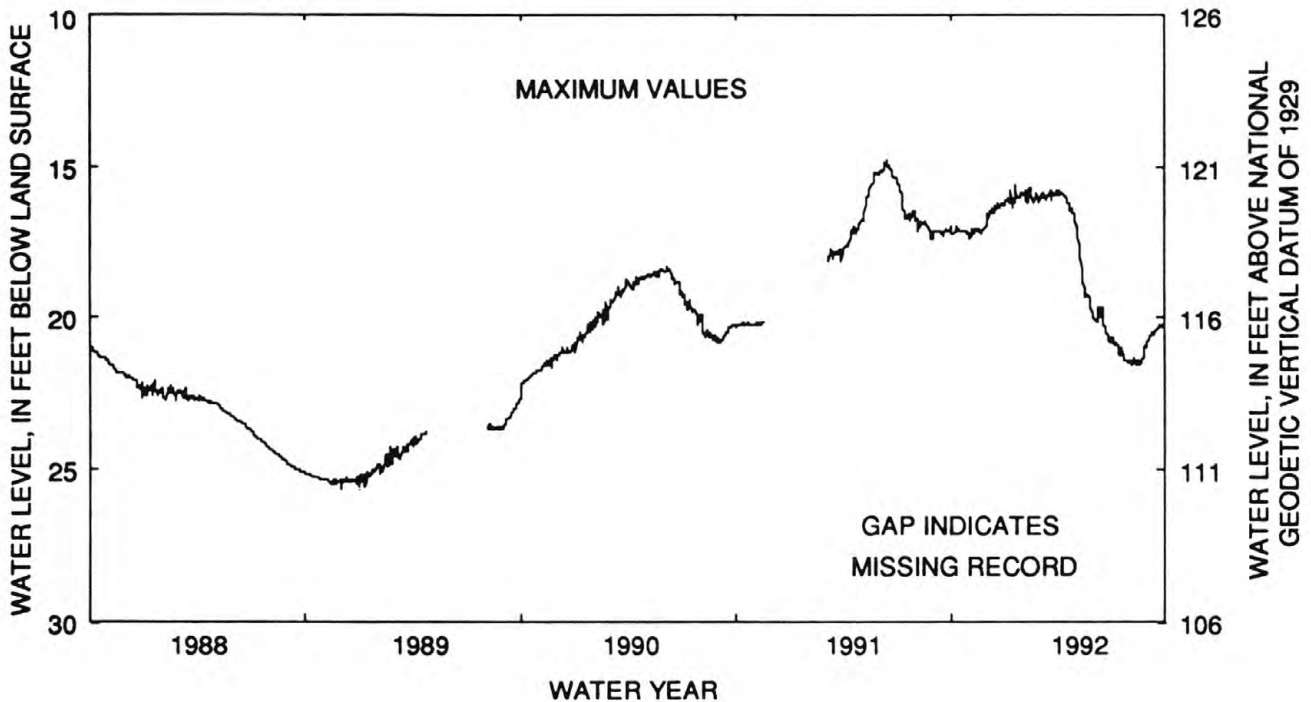
PERIOD OF RECORD.--Periodic water-level measurements September 1982 to March 1983, April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.11 ft below land-surface datum, Mar. 29, 1984, lowest water level measured 25.66 ft below land-surface datum, Nov. 28, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.20	17.17	16.65	16.14	15.78	15.97	15.96	17.17	20.15	20.80	21.59	20.62
10	17.07	17.09	16.52	16.24	16.14	15.95	15.87	18.32	19.86	20.95	21.54	20.50
15	17.11	17.13	16.53	16.40	15.74	16.11	15.97	19.17	19.66	21.23	21.43	20.43
20	17.14	17.16	16.42	16.12	16.17	16.13	16.21	19.35	20.32	21.21	21.48	20.27
25	17.14	17.24	16.35	16.03	15.92	15.91	16.49	19.27	20.66	21.44	21.12	20.23
EOM	17.11	16.96	16.31	15.89	16.15	15.94	16.58	19.97	20.68	21.49	20.79	20.17

WTR YR 1992 HIGH 15.32 JAN 13 LOW 21.59 AUG 5



GROUND-WATER LEVELS

MONROE COUNTY

334843088332601. Local number, 1097.

LOCATION.--Lat. 33°48'43", long. 88°33'29", in SW4SW4 sec. 34, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, at Vista Chemical in Aberdeen.

Owner: Vista Chemical Corp.

AQUIFER.--Sand of Coker Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 820 ft.

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

DATUM.--Land surface datum is 222 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.

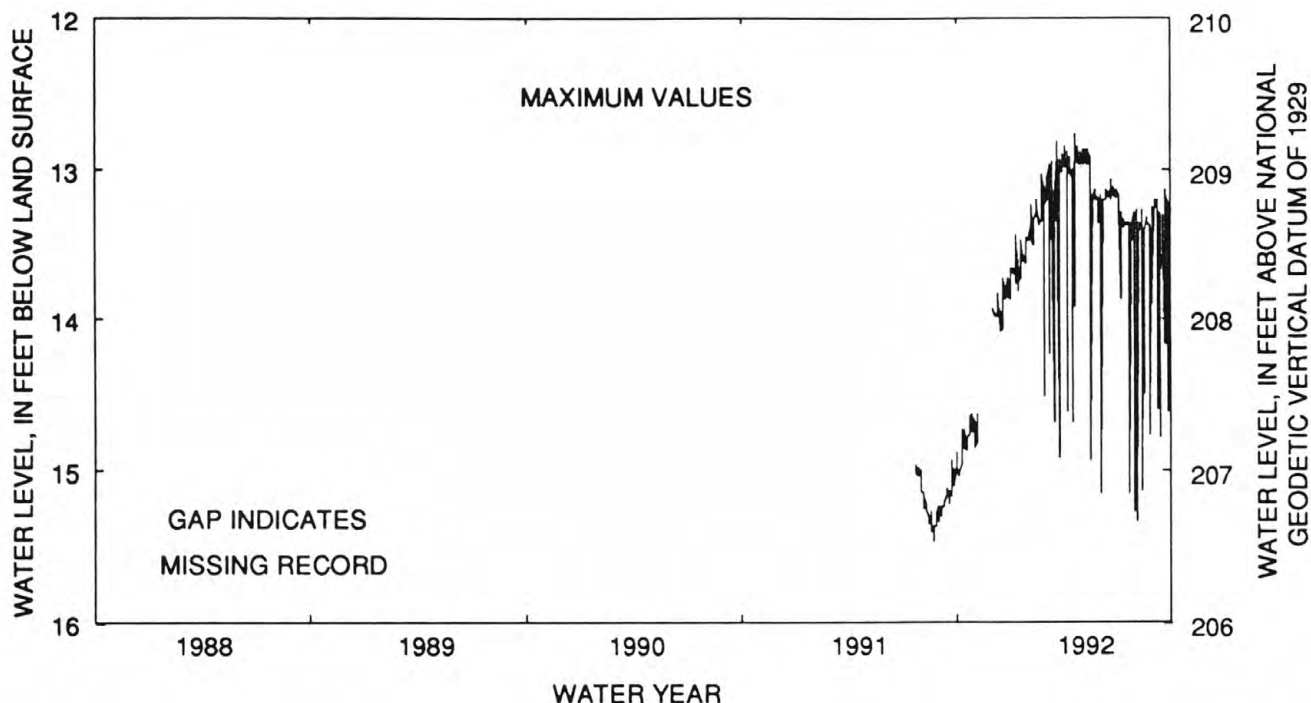
PERIOD OF RECORD.--Miscellaneous water-level measurement September 1988, July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.77 ft below land-surface datum, Apr. 20, 1992, lowest, 15.47 ft below land-surface datum, Aug. 24, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.98	14.73	13.98	13.67	13.25	13.07	12.99	12.88	13.49	13.22	15.34	13.21
10	14.88	---	13.95	13.76	13.49	12.98	12.97	12.98	13.22	13.34	13.38	13.29
15	14.74	---	14.04	13.80	13.26	13.08	13.01	12.98	13.17	13.36	13.54	13.59
20	14.80	---	14.07	13.70	13.37	13.01	12.77	13.23	13.07	13.34	13.33	13.14
25	14.70	---	13.86	13.59	13.05	13.09	12.88	13.15	13.13	13.47	13.41	14.62
EOM	14.65	---	13.86	13.47	13.24	12.95	12.89	13.35	13.15	13.30	13.90	13.35

WTR YR 1992 HIGH 12.63 APR 20 LOW 15.34 AUG 5



OKTIBBEHA COUNTY

332740088464303. Local number, G020.

LOCATION.--Lat. 33°27'13", long. 88°47'13", in NE4SW4 sec. 1, T.18 N., R.14 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, in a pump-house, behind Walker Engineering Building, at Mississippi State University.

Owner: Mississippi State University.

AQUIFER.--Sand and gravel of Gordo Formation of Tuscaloosa Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 1425 ft.

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

DATUM.--Land surface datum is 380.16 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.

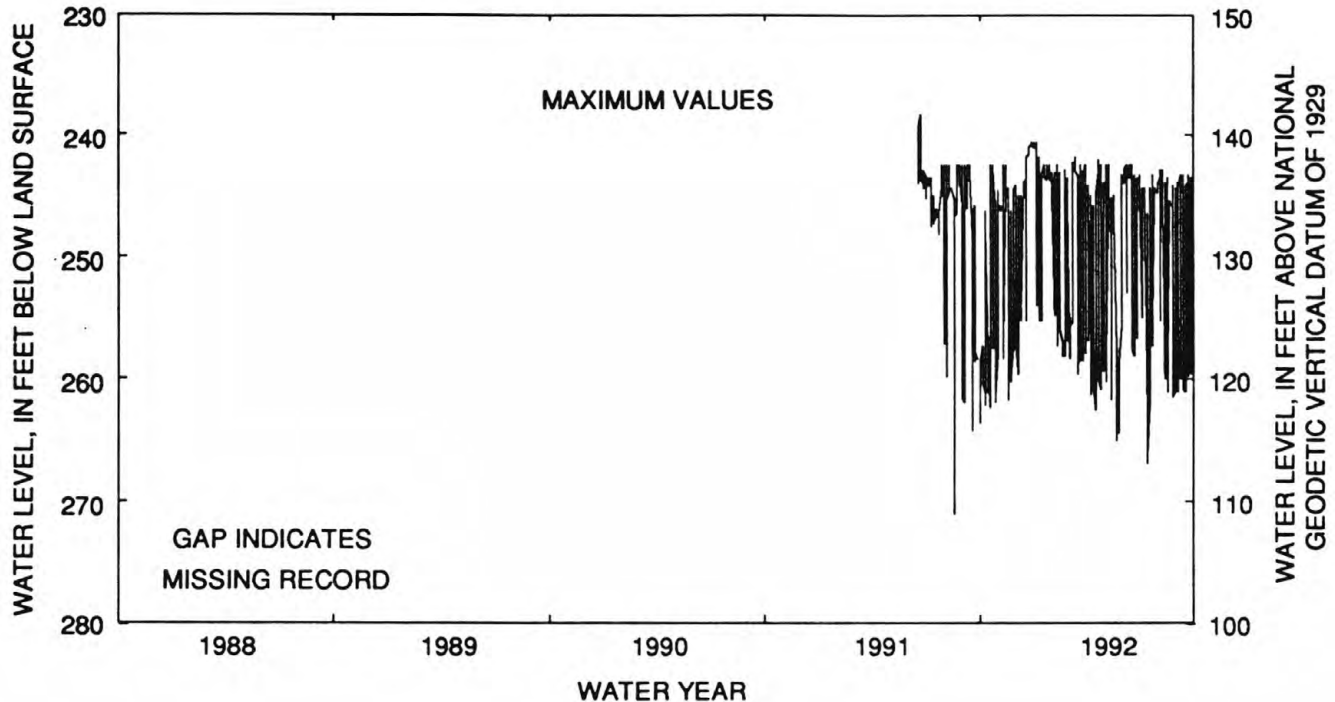
PERIOD OF RECORD.--Miscellaneous water-level measurements.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 234.00 ft below land-surface datum, Nov. 30, 1982, lowest, 271.21 ft below land-surface datum, Aug. 20, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	258.77	246.10	259.61	240.60	254.48	255.69	244.08	260.28	242.72	245.11	250.77	244.33
10	261.38	245.14	245.15	242.46	257.36	242.34	261.33	247.93	243.39	261.29	259.46	244.06
15	260.92	242.27	243.84	255.24	243.31	242.71	261.07	245.63	242.88	262.39	243.80	261.08
20	248.37	261.63	253.45	242.35	258.15	243.90	242.12	262.93	254.97	256.82	245.31	243.23
25	257.48	246.42	241.04	242.35	243.89	256.09	244.31	262.68	256.45	244.25	261.43	259.59
EOM	261.81	243.97	240.90	243.72	243.89	257.85	259.38	243.37	243.26	244.16	259.24	244.32

WTR YR 1992 HIGH 234.11 JAN 6 LOW 266.85 JUL 14



GROUND-WATER LEVELS

PANOLA COUNTY

342332090060001. Local number, K012.

LOCATION.--Lat 34°23'20", long 90°05'57", in NW4NE4 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.

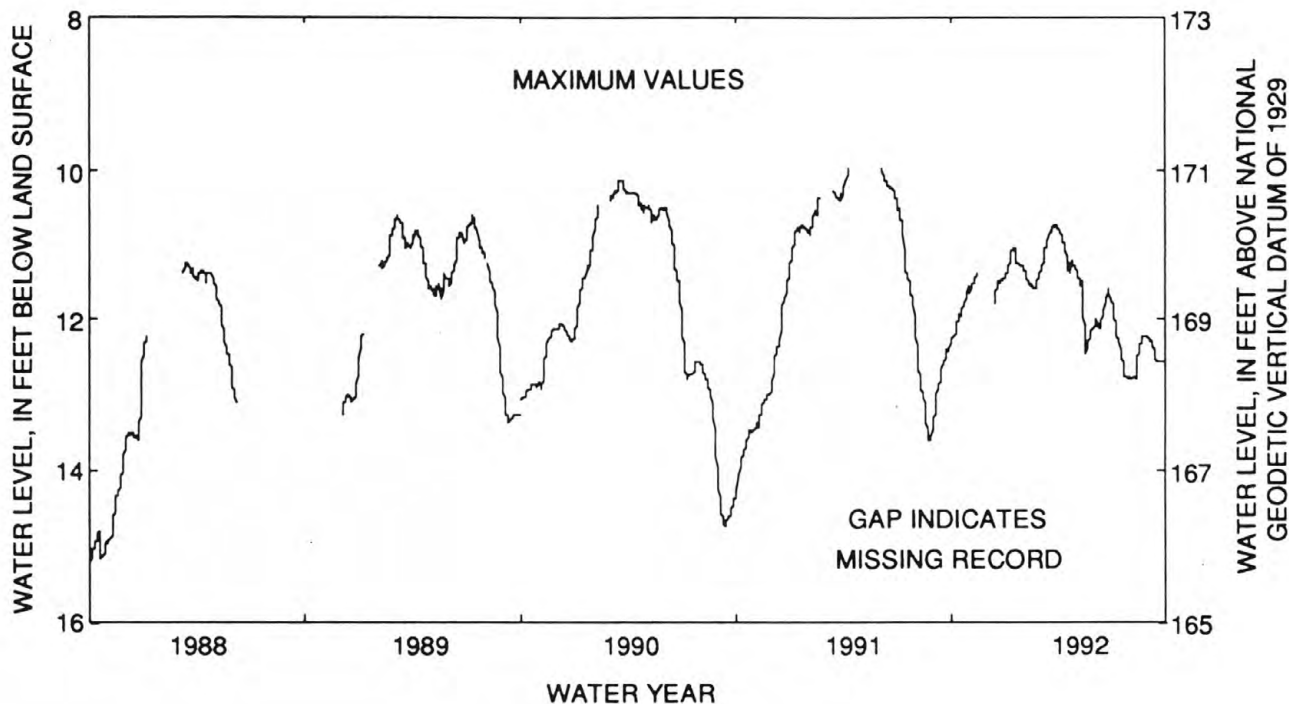
PERIOD OF RECORD.--May 1962, June 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.71 ft below land-surface datum, Feb. 28, 1989, lowest, 15.77 ft below land-surface datum, Sept. 19, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.26	11.56	10.41	11.36	11.33	11.28	10.87	11.39	11.98	11.98	12.79	12.27
10	12.12	11.47	10.09	11.25	11.49	11.07	10.99	11.47	12.15	12.24	12.79	12.42
15	11.93	11.41	11.76	11.11	11.54	10.99	11.23	12.22	11.92	12.40	12.44	12.55
20	11.95	11.16	11.61	11.09	11.58	10.87	11.29	12.42	11.78	12.56	12.33	12.55
25	11.85	11.02	11.51	11.26	11.49	10.74	11.23	12.22	11.62	12.77	12.23	12.56
EOM	11.66	10.91	11.46	11.30	11.41	10.79	11.28	12.14	11.76	12.78	12.24	12.57

WTR YR 1992 HIGH 10.69 MAR 30 LOW 12.82 AUG 2



PIKE COUNTY

311453090271302. Local number, D089.

LOCATION.--Lat 31°14'53", long 90°27'13", in NE4SE4 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.

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

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.

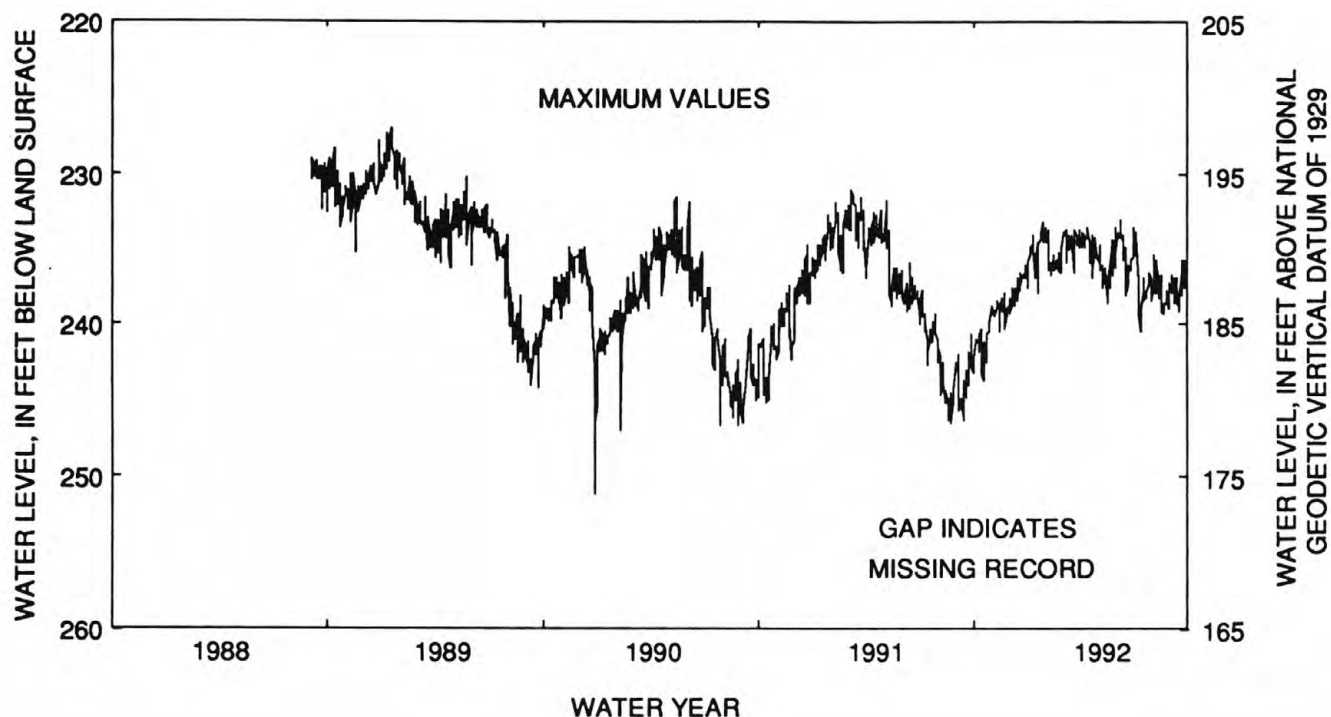
PERIOD OF RECORD.--July 1971, July 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 198 ft below land-surface datum, July 1, 1971, lowest measured, 251.17 ft below land-surface datum, Dec. 26, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	242.26	239.23	238.80	234.92	233.79	234.07	233.91	236.30	234.38	234.02	237.78	236.99
10	241.56	238.47	238.46	234.82	236.89	234.59	234.52	236.70	234.54	240.58	237.21	237.00
15	243.10	240.48	236.95	236.93	235.55	234.03	235.68	238.64	235.48	237.98	238.00	239.22
20	242.42	239.13	237.47	238.06	235.90	235.80	236.77	236.70	236.33	238.32	239.27	235.74
25	241.70	239.47	236.86	234.06	236.38	234.64	234.95	235.37	236.38	237.46	237.89	236.30
EOM	239.95	238.82	236.75	234.35	236.42	234.95	235.70	233.62	233.65	238.44	237.29	237.55

WTR YR 1992 HIGH 226.90 MAR 23 LOW 243.61 OCT 18



SUNFLOWER COUNTY

332826090441601. Local number, M038.

LOCATION.--Lat 33°28'26", long 90°44'16", NE4NW4 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.

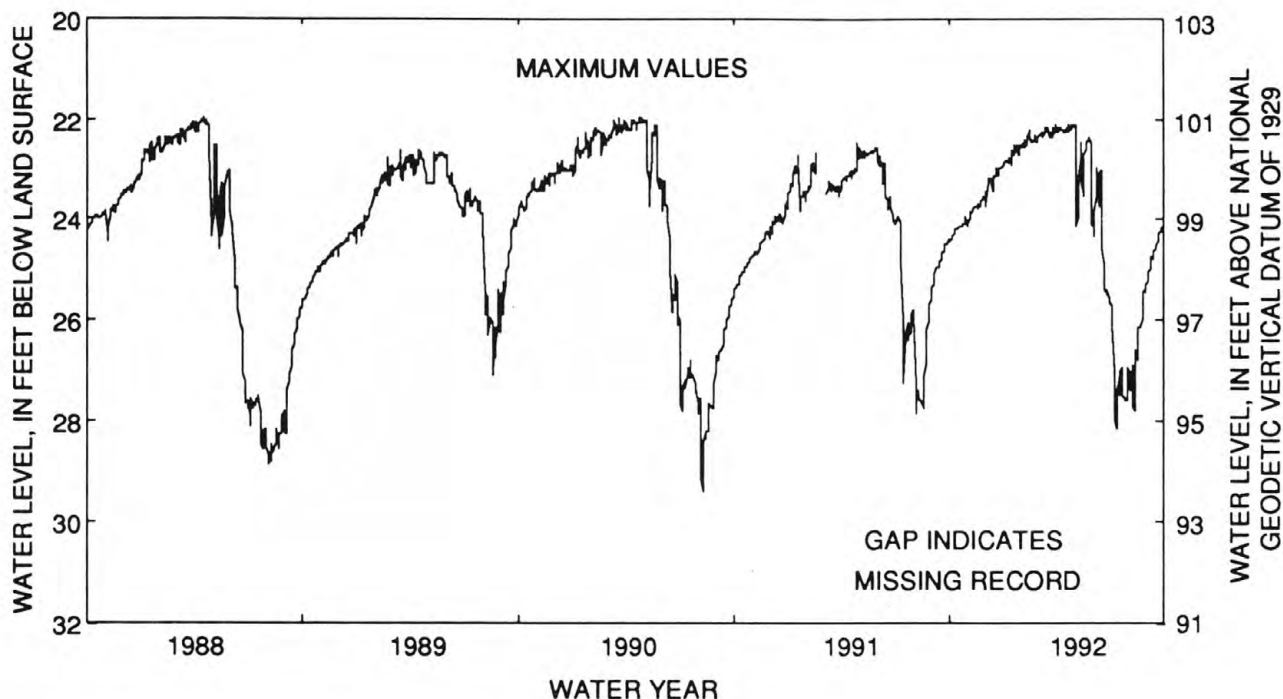
PERIOD OF RECORD.--Periodic water-level measurements September 1980 to December 1982, January 1983 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.42	23.90	23.33	22.85	22.46	22.30	22.27	23.91	23.60	25.99	27.17	25.05
10	24.24	23.79	23.29	22.89	22.47	22.39	22.20	22.81	23.49	28.13	27.78	24.72
15	24.17	23.73	23.31	22.93	22.39	22.26	22.18	23.54	23.04	27.15	26.76	24.59
20	24.13	23.75	23.10	22.67	22.48	22.35	22.18	22.60	25.04	26.96	26.16	24.36
25	24.10	23.68	23.04	22.52	22.41	22.18	22.22	22.44	25.51	27.54	25.55	24.16
EOM	23.96	23.57	22.97	22.57	22.41	22.24	22.14	23.24	25.61	26.93	25.27	24.08

WTR YR 1992 HIGH 22.01 MAR 9 LOW 28.13 JUL 10



WARREN COUNTY

322310090530202. Local number, J004.

LOCATION.--Lat 32°23'10", long 90°53'02", in SW4SW4 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.

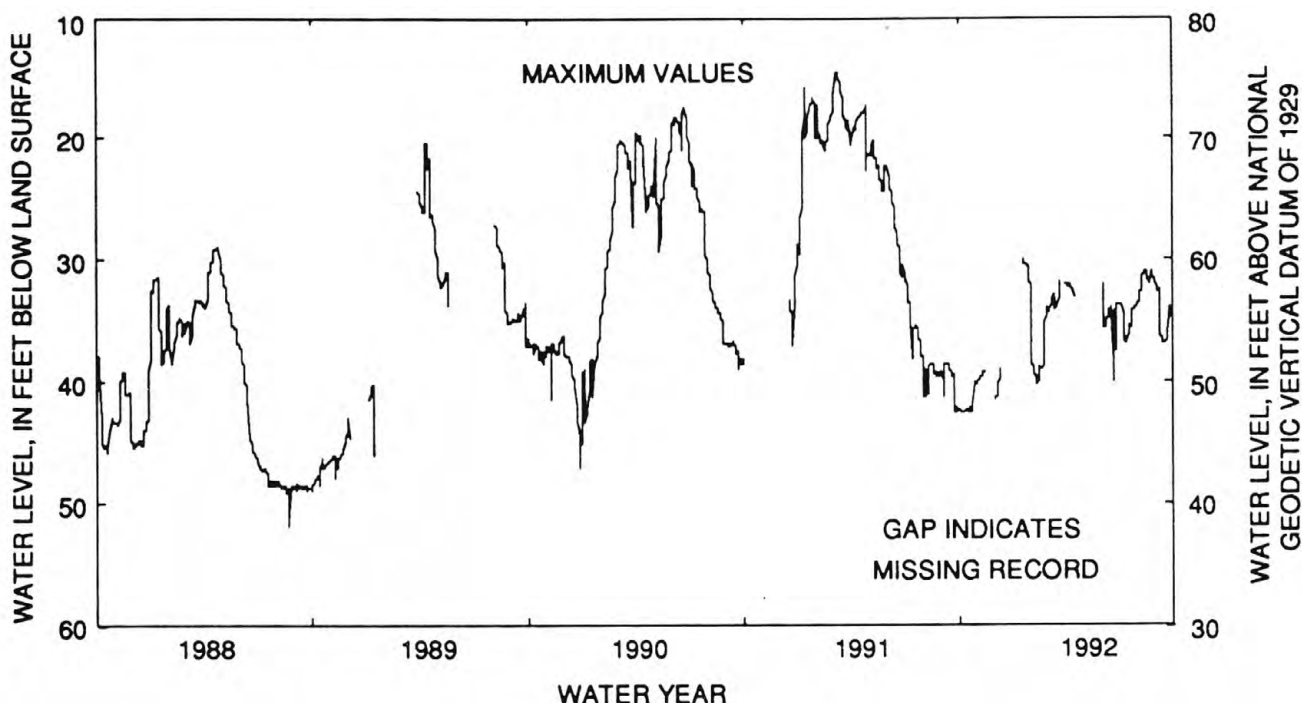
PERIOD OF RECORD.--October 1965 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	42.25	39.78	41.14	---	38.74	34.17	32.07	---	35.63	33.66	32.64	32.64
10	42.38	39.16	39.44	---	39.91	33.16	32.29	---	34.77	36.67	31.24	36.40
15	42.27	---	---	---	39.11	34.15	---	---	33.96	36.19	31.21	36.93
20	42.17	---	---	---	39.08	---	---	---	39.98	35.57	31.79	36.41
25	42.42	---	---	30.23	35.06	---	---	---	34.24	34.07	31.42	34.34
EOY	39.99	---	---	32.08	34.20	31.94	---	---	33.54	33.74	31.92	34.10

WTR YR 1992 HIGH 28.53 MAR 19 LOW 42.49 OCT 7



GROUND-WATER LEVELS

WASHINGTON COUNTY

332127091032701. Local number, D056.

LOCATION.--Lat. 33°21'25", long. 91°03'18", in SW4SW4 sec. 34, T.18 N., R.8 E., Chocktaw Meridian, Washington County, Hydrologic Unit 08030209, 3.0 mi southwest of intersection of State Hwy 1 and US Highway 82, on Tenn Gas road.

Owner: Tennco

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of Middle Eocene Age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 411 ft.

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

DATUM.--Land surface datum is 125 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of recorder house floor, 2.80 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

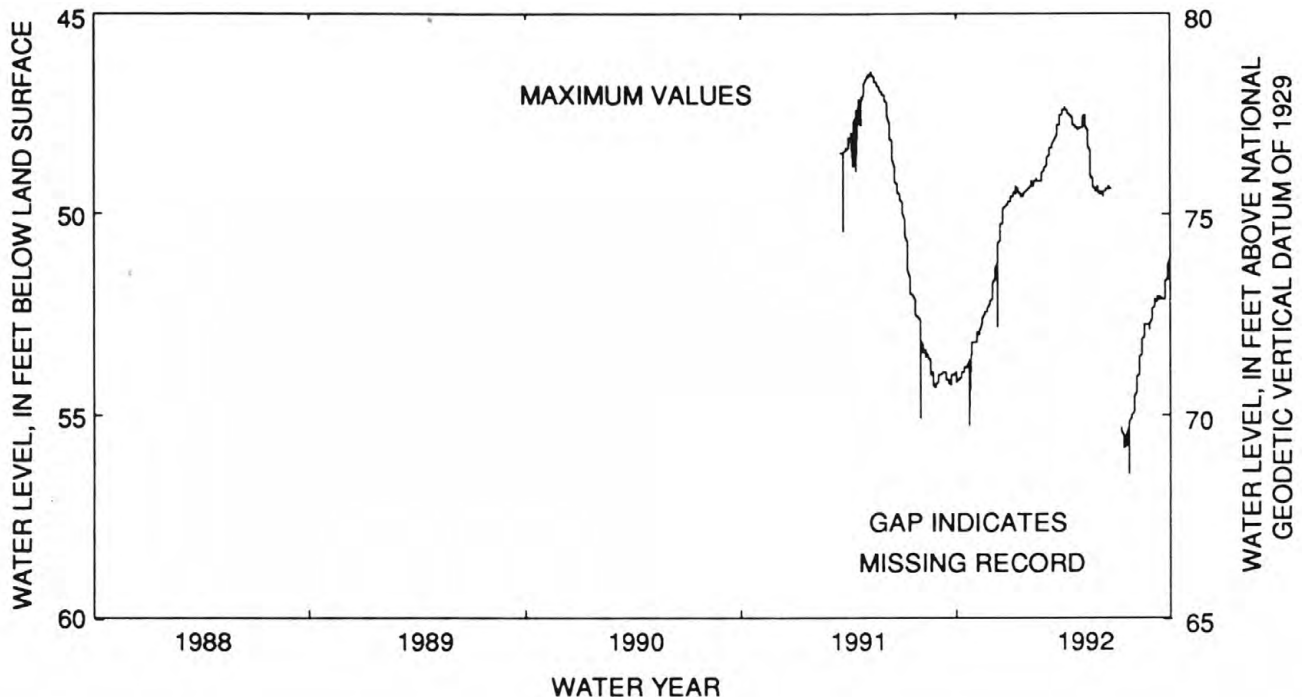
PERIOD OF RECORD.--March 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 46.44 ft below land-surface datum, May 9, 1991, lowest, 56.47 ft below land-surface datum, July 22, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	54.18	53.09	51.64	49.53	49.17	48.61	47.40	47.75	49.42	---	54.08	52.13
10	53.98	52.90	51.14	49.48	49.26	48.34	47.44	47.92	49.41	55.51	53.52	52.10
15	53.85	52.59	50.59	49.41	49.12	48.25	47.73	48.56	49.32	55.76	53.05	52.14
20	53.80	52.43	50.16	49.52	49.19	47.95	47.74	49.13	49.34	55.32	52.72	51.85
25	53.64	52.40	49.84	49.51	48.99	47.60	47.88	49.38	---	55.11	52.82	51.37
EOM	53.22	52.08	49.67	49.38	48.86	47.44	47.82	49.28	---	54.58	52.38	50.91

WTR YR 1992 HIGH 47.30 APR 4 LOW 56.47 JUL 22



WASHINGTON COUNTY

3324320910931503. Local number, D067.

LOCATION.--Lat. 33°24'26", long. 91°02'56", 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: Janitors' Supply (formerly Itzig Company).

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of Middle Eocene Age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 514 ft.

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

DATUM.--Land surface datum is 125.07 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 2.80 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

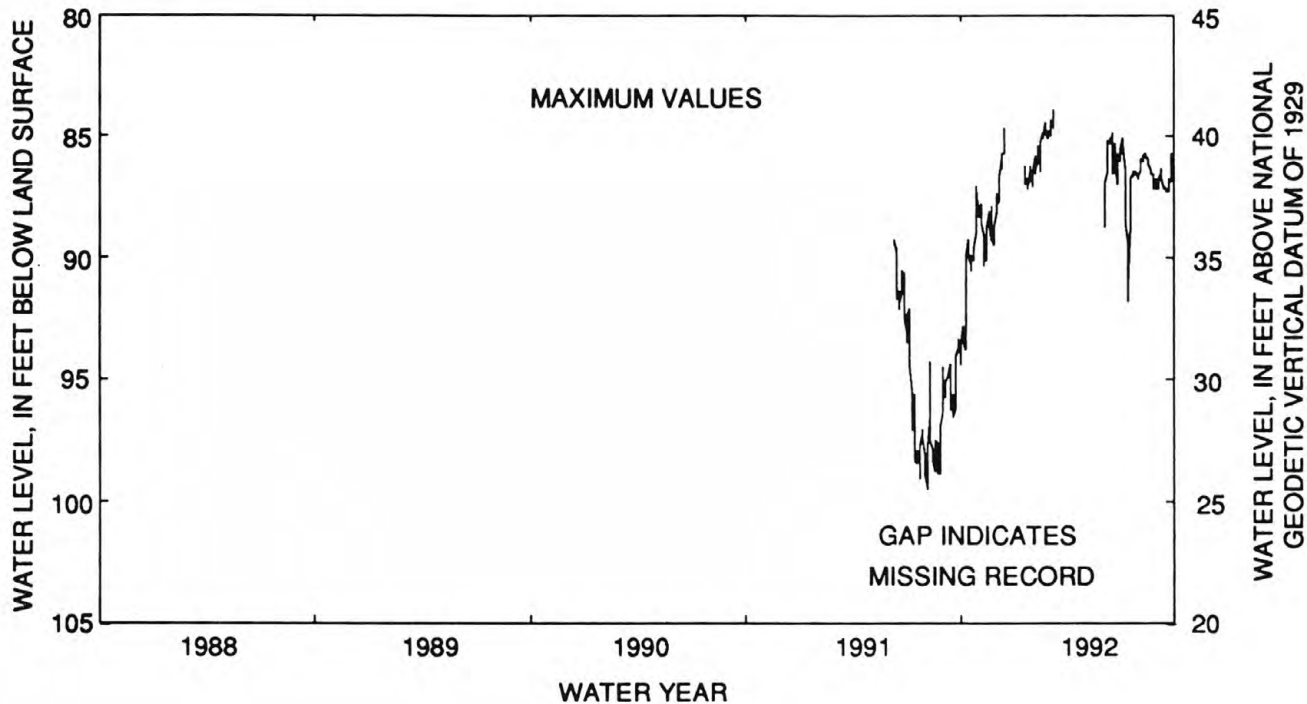
PERIOD OF RECORD.--Miscellaneous measurements 1959, 1976; May 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 81.21 ft below land-surface datum, Mar. 7, 1992, lowest 102.20 ft below land-surface datum, Mar. 31, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	93.55	87.86	87.66	---	85.81	84.29	---	---	86.57	85.22	86.03	86.76
10	91.46	90.00	86.06	---	86.11	---	---	---	85.23	89.27	85.64	87.00
15	89.91	89.40	85.54	---	86.43	---	---	---	84.94	88.88	85.85	87.15
20	90.31	88.12	---	---	85.07	---	---	---	85.40	86.53	86.29	86.88
25	90.03	87.83	---	87.11	84.68	---	---	---	86.40	86.47	87.10	85.85
EOM	86.97	88.20	---	86.47	85.11	---	---	---	85.52	86.60	87.14	85.51

WTR YR 1992 HIGH 81.21 MAR 7 LOW 94.46 OCT 3



GROUND-WATER LEVELS

WASHINGTON COUNTY

332242091030401. Local number, D176.

LOCATION.--Lat 33°22'42", long 91°03'04", in NEM4 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 Greenville.

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 recorder house floor, 2.35 ft above land-surface datum.

REMARKS.--Water level affected by seasonal pumping.

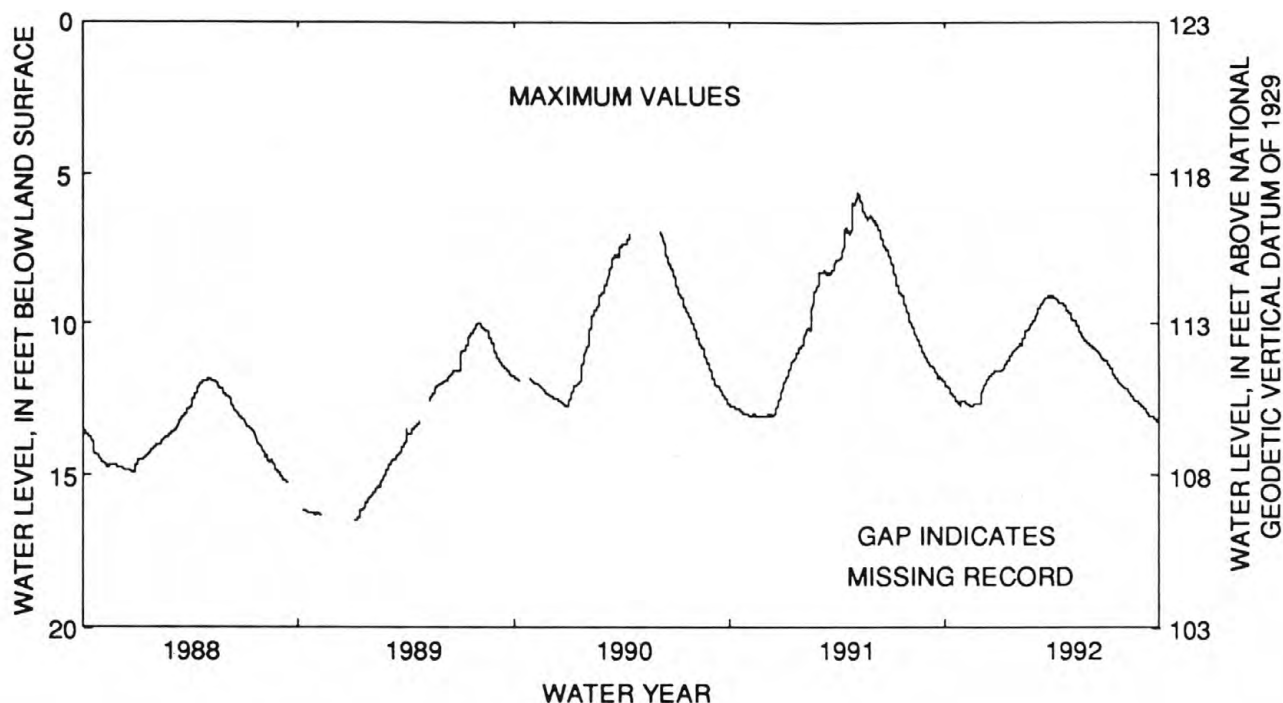
PERIOD OF RECORD.--May 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.93 ft below land-surface datum, June 5, 1990, lowest, 16.57 ft below land-surface datum, Jan. 4, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.09	12.55	12.21	11.57	10.78	9.81	9.18	9.80	10.74	11.32	12.22	12.85
10	12.18	12.64	12.02	11.57	10.69	9.48	9.21	9.93	10.81	11.51	12.31	12.96
15	12.35	12.72	11.83	11.36	10.28	9.38	9.32	10.12	10.89	11.70	12.41	13.06
20	12.49	12.73	11.71	11.21	10.21	9.21	9.31	10.31	10.99	11.84	12.52	13.13
25	12.62	12.68	11.64	11.02	10.10	9.10	9.49	10.45	11.12	11.99	12.66	13.22
EOM	12.61	12.71	11.62	10.85	9.91	9.13	9.59	10.64	11.21	12.11	12.75	13.32

WTR YR 1992 HIGH 9.05 MAR 29 LOW 13.32 SEP 30



WASHINGTON COUNTY--Continued

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 State Highway 82 in Greenville.

Owner: City of Greenville.

AQUIFER.--Mississippi river Valley alluvium of Pleistocene and Holocene age.

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

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.

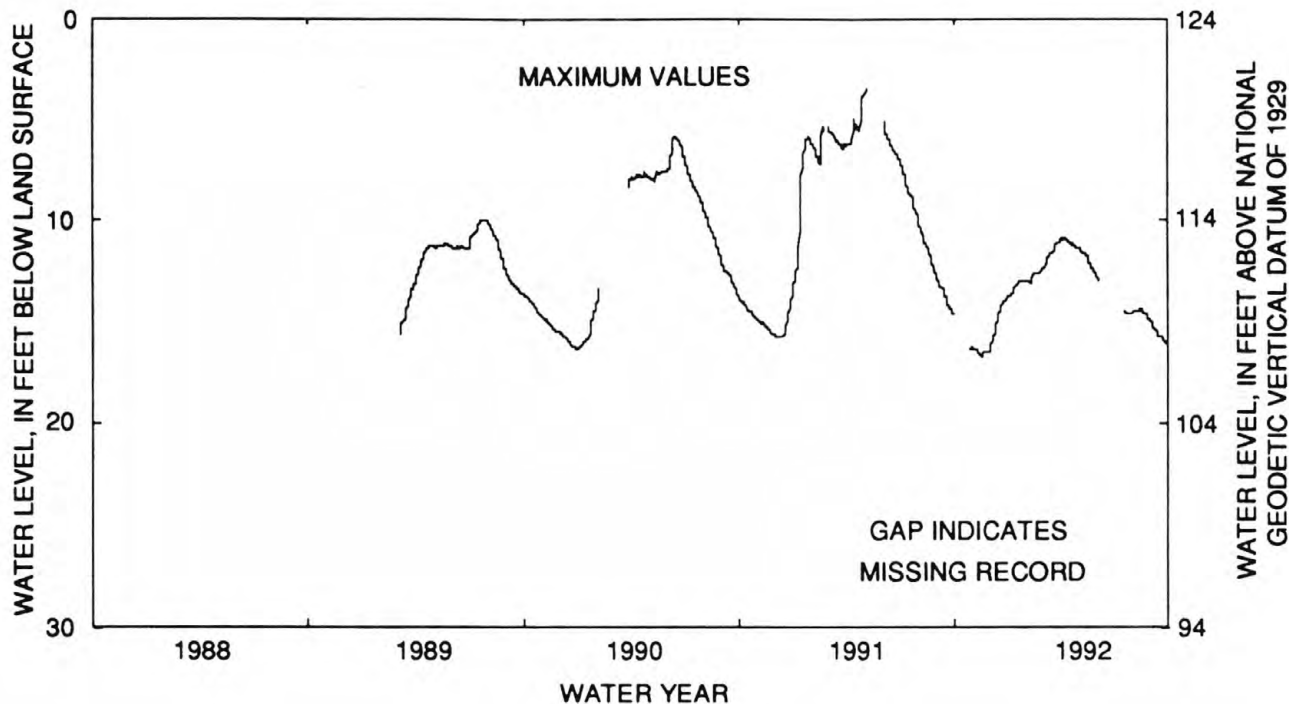
PERIOD OF RECORD.--May 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.19 ft above land-surface datum, May 19, 1983, lowest measured, 21.11 ft below land-surface datum, Oct. 5, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	16.34	15.94	13.70	12.93	12.26	10.95	11.43	---	---	14.53	15.22
10	---	16.46	15.46	13.60	13.03	11.80	10.91	11.59	---	---	14.43	15.44
15	---	16.59	14.87	13.27	12.64	11.63	11.08	11.83	---	---	14.40	15.69
20	---	16.60	14.44	13.09	12.63	11.33	11.13	12.09	---	14.56	14.58	15.87
25	---	16.49	14.11	12.95	12.60	11.05	11.30	12.34	---	14.66	14.78	16.02
EOM	16.33	16.47	13.87	12.94	12.35	10.96	11.30	12.70	---	14.64	15.00	16.18

WTR YR 1992 HIGH 10.80 APR 3 LOW 16.70 NOV 19



GROUND-WATER LEVELS

WASHINGTON COUNTY--Continued

331614090590901. Local number, G257.

LOCATION.--Lat 33°16'14", long 90°59'09", in SW4SW4 sec.38, T.17 N., R.8 W., Choctaw Meridian, Washington County, Hydrologic Unit 08030209, on highway 438, 2.75 mi east of Wayside.

Owner: Thad Potter (Red Leaf Plantation).

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of Middle Eocene Age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 359 ft.

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

DATUM.--Land-surface datum is 115 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of 4-in flange, 1.90 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

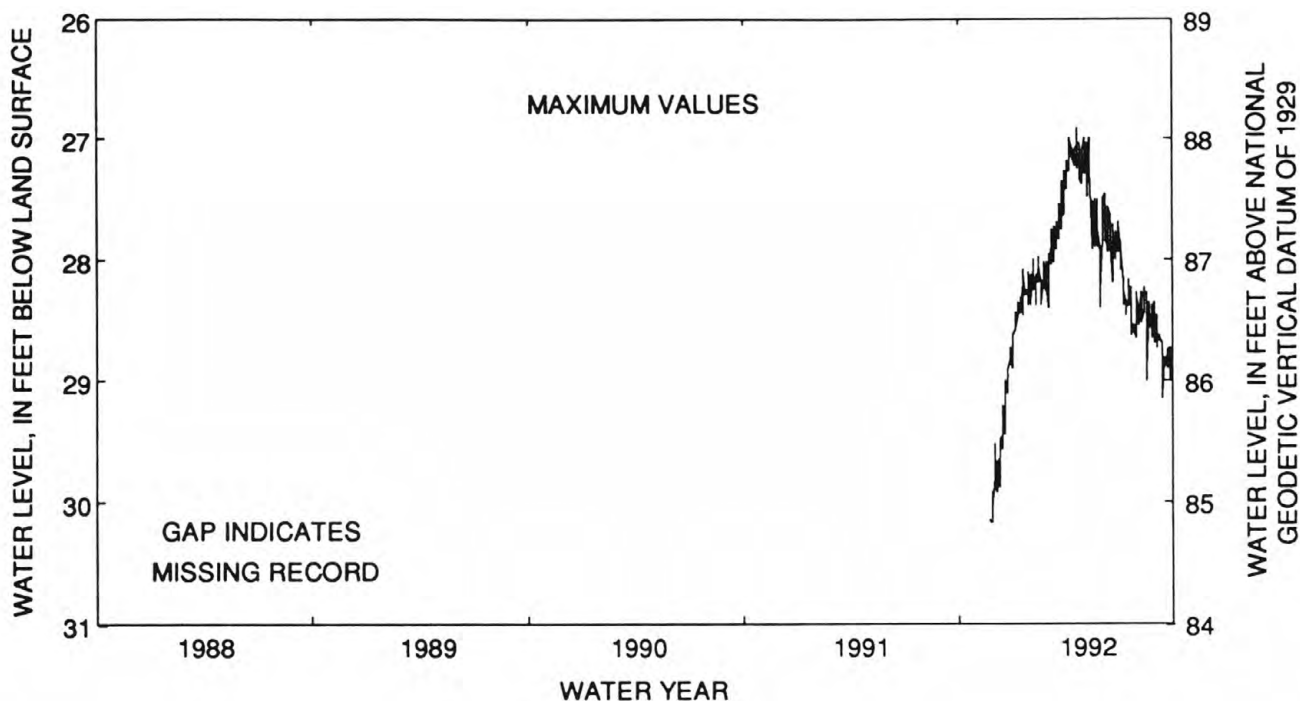
PERIOD OF RECORD.--July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.6 ft below land-surface datum, Jul. 10, 1991, lowest measured, 30.17 ft below land-surface datum, Nov. 27, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	29.72	28.50	27.99	28.04	27.18	27.06	27.44	27.87	28.47	28.60
10	---	---	29.88	28.42	28.36	27.74	26.99	27.00	27.93	28.25	28.44	28.68
15	---	---	29.55	28.35	27.99	27.76	27.19	27.92	27.64	28.38	28.27	28.81
20	---	---	29.36	28.45	28.36	27.83	26.91	27.50	27.69	28.22	28.34	28.90
25	---	---	29.11	28.26	28.02	27.35	27.11	27.89	27.99	28.55	28.63	29.00
EOM	---	29.84	28.90	28.21	28.05	27.36	27.09	28.39	27.68	28.27	28.60	28.91

WTR YR 1992 HIGH 26.81 APR 20 LOW 30.17 NOV 27



WASHINGTON COUNTY--Continued

330227090592001. Local number, S004.

LOCATION.--Lat 33°02'27", long 90°59'20", in SW4SE4 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 Corporation.

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.

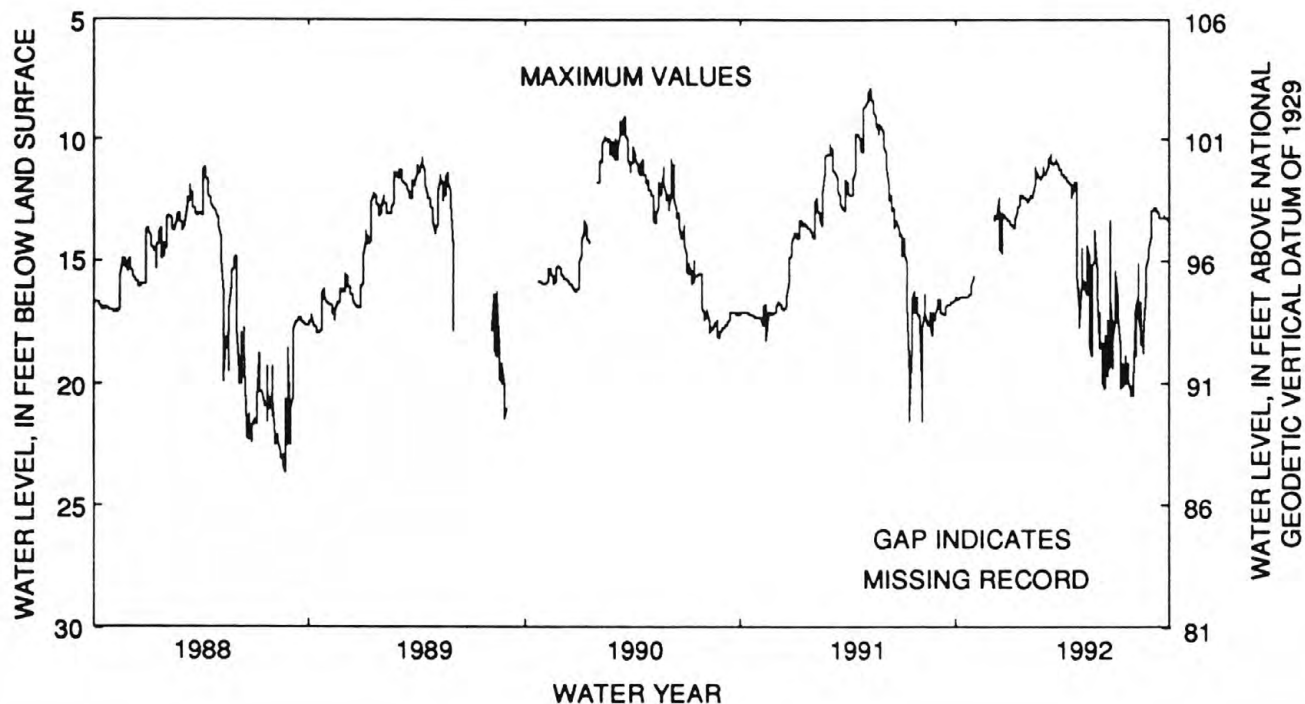
PERIOD OF RECORD.--January 1954 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.52	---	13.12	13.43	12.54	11.39	11.54	14.53	18.30	17.09	16.87	12.74
10	16.48	---	13.24	13.64	12.40	10.76	11.64	16.34	20.20	20.09	17.82	12.98
15	16.48	---	12.39	12.82	11.48	10.90	12.29	17.16	17.38	19.93	18.47	13.21
20	16.51	---	14.63	12.53	11.47	10.82	12.01	17.37	16.96	19.61	16.41	13.16
25	16.49	---	13.10	12.33	11.67	11.05	11.83	14.51	18.72	20.17	14.56	13.27
EOM	16.01	---	13.34	12.47	11.22	11.33	17.30	16.03	15.43	20.42	12.84	13.40

WTR YR 1992 HIGH 10.55 MAR 12 LOW 20.55 JUL 26



GROUND-WATER LEVELS

WEBSTER COUNTY

333021089202901. Local number, M028.

LOCATION.--Lat 33°30'21", long 89°20'29", in SE4SW4 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.

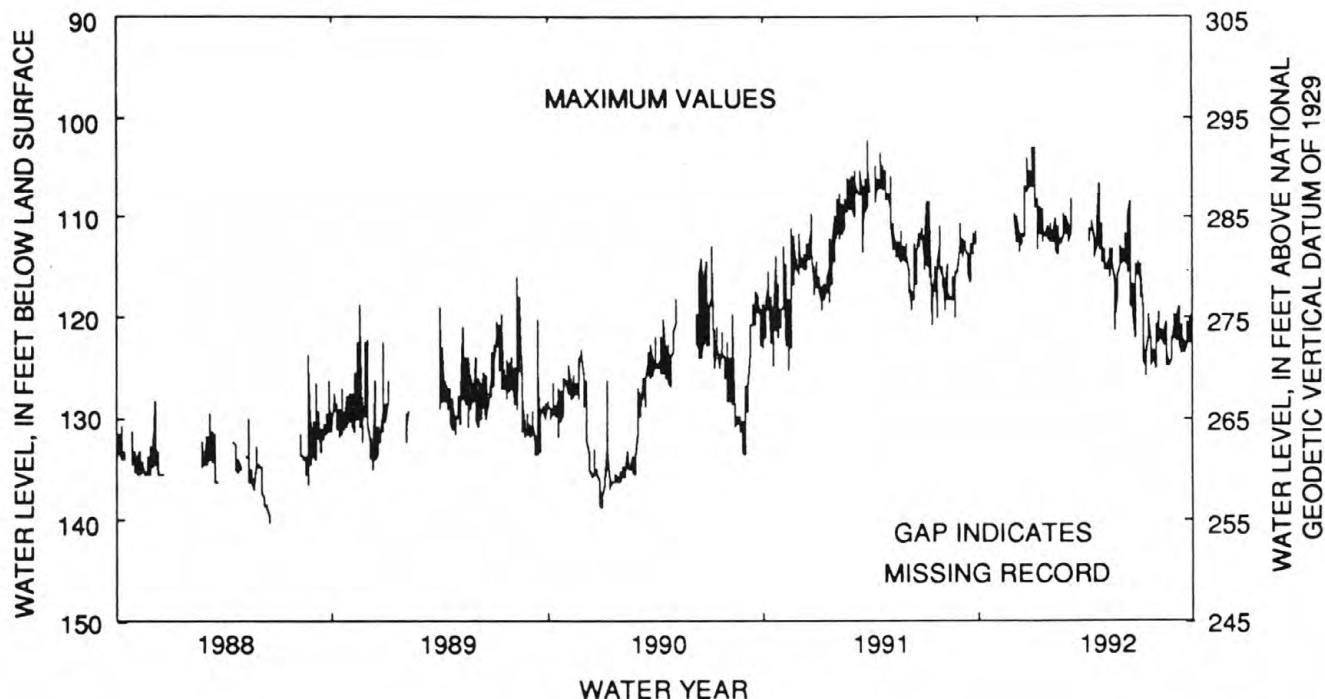
PERIOD OF RECORD.--April 1983 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	112.39	104.61	111.91	112.39	---	115.15	114.15	115.08	122.17	119.86
10	---	---	112.79	110.02	111.94	---	111.40	114.08	114.80	124.75	122.48	122.75
15	---	---	111.65	108.86	111.88	---	113.56	113.06	113.77	121.91	120.56	122.45
20	---	---	109.98	112.29	112.60	---	110.72	119.44	118.49	121.98	123.61	120.42
25	---	---	105.76	111.89	111.19	---	112.04	117.47	121.95	123.74	122.56	121.10
EOM	---	---	106.95	112.41	110.72	---	113.76	113.00	114.40	121.25	121.42	122.02

WTR YR 1992 HIGH 99.17 JAN 4 LOW 125.63 JUL 12



YAZOO COUNTY

324615090375001. Local number, J013. (USCE L7Y2)

LOCATION.--Lat 32°46'15", long 90°37'50", in SE¼NW¼ sec.19, T.11 N., R.4 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030207, 5.5 mi southeast of center of Holly Bluff.

Owner: U.S. Army Corps of Engineers.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 4 in, depth 74 ft.

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

DATUM.--Land-surface datum is 98.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder house floor, 3.11 ft above land-surface datum.

REMARKS.--Water levels affected by Yazoo River stage.

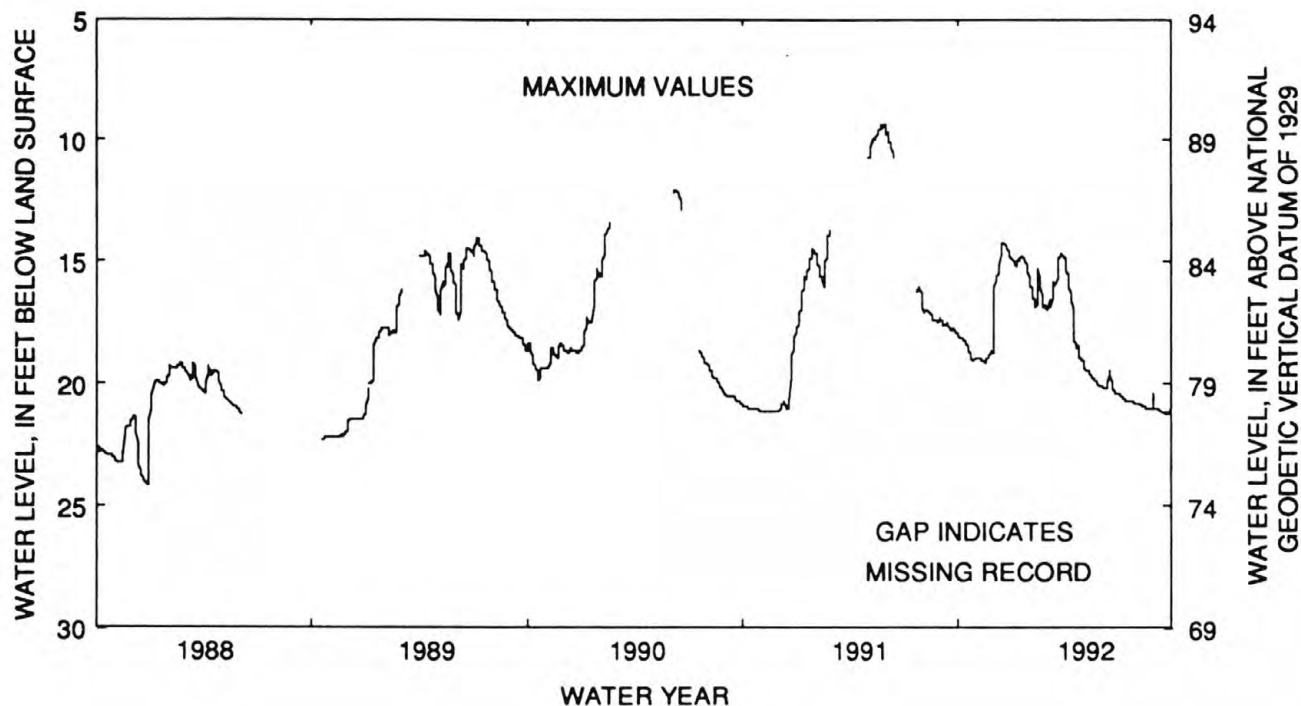
PERIOD OF RECORD.--November 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.24 ft below land-surface datum, June 5, 1983, lowest, 25.90 ft above land-surface datum, Jan. 3, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.02	18.97	15.80	15.00	16.08	16.99	15.34	19.16	20.19	20.46	20.89	21.08
10	18.12	18.98	15.50	15.20	16.66	16.80	16.04	19.49	20.21	20.61	20.90	21.12
15	18.26	19.07	14.66	14.94	16.54	16.02	17.48	19.67	19.47	20.73	20.97	21.18
20	18.47	19.03	14.23	14.90	16.01	15.28	18.46	19.83	19.87	20.69	21.01	21.17
25	18.96	18.92	14.38	14.99	16.86	14.69	18.77	19.97	20.30	20.78	21.10	21.20
EOM	19.00	18.77	14.88	15.58	16.84	14.76	19.03	20.08	20.39	20.85	21.02	20.86

WTR YR 1992 HIGH 14.14 DEC 23 LOW 21.20 SEP 23



YA200 COUNTY--Continued

324419090351201. Local number, P018. (USCE L7Y3)

LOCATION.--Lat 32°44'19", long 90°35'12", in SW4SW4 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.

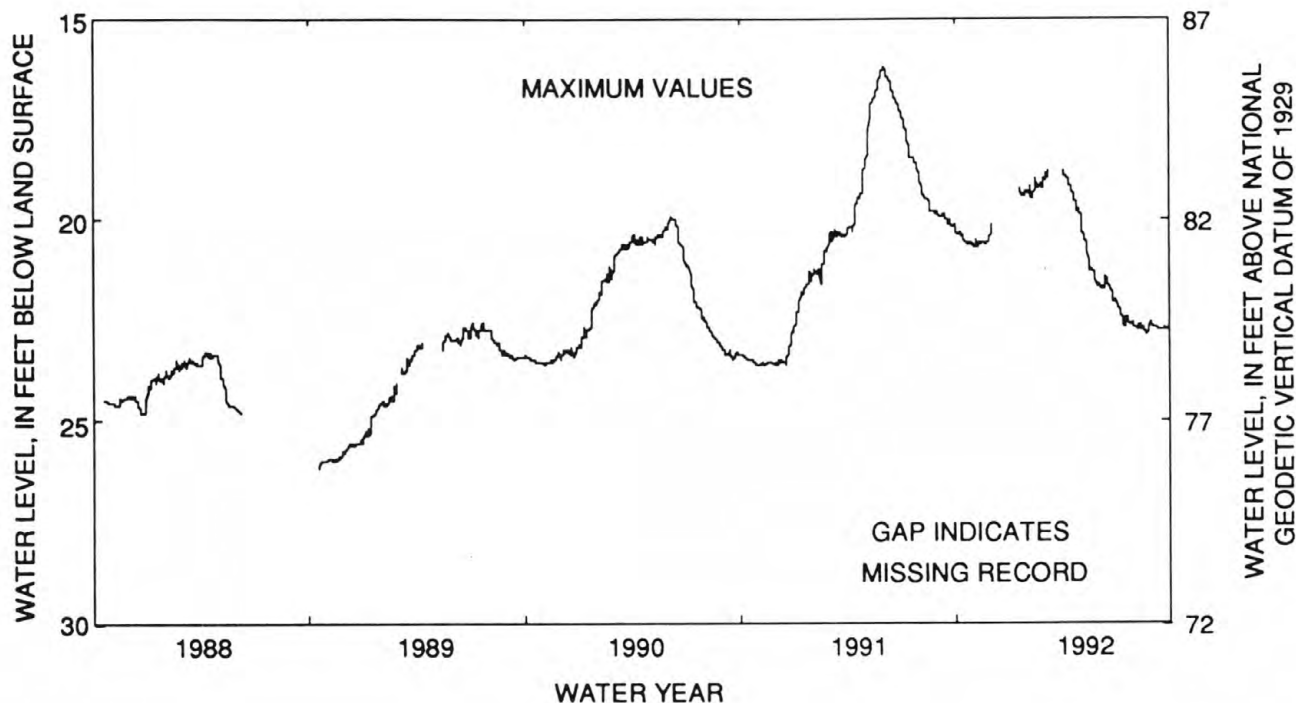
PERIOD OF RECORD.--November 1978 to current year.

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 1991 TO SEPTEMBER 1992
LOWEST LEVELS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.30	20.53	---	---	19.14	18.84	18.89	20.13	21.71	22.16	22.72	22.68
10	20.29	20.51	---	---	19.47	18.85	18.95	20.54	21.72	22.41	22.60	22.74
15	20.43	20.58	---	---	19.10	---	19.19	21.11	21.49	22.66	22.75	22.78
20	20.51	20.53	---	---	19.23	---	19.40	21.24	21.65	22.43	22.81	22.70
25	20.60	20.59	---	19.38	19.10	---	19.64	21.32	21.85	22.63	22.73	22.72
EOM	20.53	20.47	---	19.27	19.20	---	19.79	21.67	22.01	22.68	22.62	22.65

WTR YR 1992 HIGH 18.63 MAR 9 LOW 22.84 AUG 21



ADAMS COUNTY

313414091224201. Local number, C050.

LOCATION.--Lat 31°34'30", long 91°22'48", in irregular sec. 16, T.7 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, 1.5 mi northeast of center of Natchez on George S. West Blvd.

Owner: City of Natchez

AQUIFER.--Sand of Catahoula Sandstone of Miocene age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 16 in, depth 864 ft.

DATUM.--Land-surface datum is 210 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Air vent on east side of pump base, 2.40 ft above land-surface datum.

PERIOD OF RECORD.--August 1980, October 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 148.0 ft below land-surface datum, Aug. 1, 1980; lowest measured, 164.10 ft below land-surface datum, Oct. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	163.29	MAR 30	160.41

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	64.67	MAR 30	63.86

312752091202201. Local number, G021.

LOCATION.--Lat 31°27'33", long 91°20'12", 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, 160.50 ft below land-surface datum, March 30, 1992, lowest measured, 171.97 ft below land-surface datum, Apr. 9, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	163.67	MAR 30	160.50

ALCORN COUNTY

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	130.51	APR 6	130.12

GROUND-WATER LEVELS

ATTALA COUNTY

330713089365302. Local number, G013.

LOCATION.--Lat 33°07'13", long 89°36'53", in NW4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 3	13.17	APR 6	11.88

330110089455001. Local number, K022.

LOCATION.--Lat 33°01'10", long 89°45'50", in SW4SW4 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, 0.40 ft above land-surface datum, Apr. 6, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 3	-0.95	APR 6	-0.40

330328089365901. Local number, M008.

LOCATION.--Lat 33°03'28", long 89°36'59", in NE4 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, 132.47 ft below land-surface datum, Apr. 20, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 6	129.11

330330089354501. Local number, M030.

LOCATION.--Lat 33°03'30", long 89°35'45", in SW4NW4 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, 148.75 ft below land-surface datum, July 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 6	144.16

ATTALA COUNTY--Continued

330241089270501. Local number, N013.

LOCATION.--Lat 33°02'41", long 89°27'05", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 6	22.60

325844089462701. Local number, Q014.

LOCATION.--Lat 32°58'44", long 89°46'27", in NE4SW4 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, 5.08 ft below land-surface datum, Apr. 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 6	5.00

325902089333901. Local number, S021.

LOCATION.--Lat 32°59'02", long 89°33'39", in SE4NE4 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 Company.

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, 178.91 ft below land-surface datum, Apr. 9, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 6	174.80

BOLIVAR COUNTY

335630090461501. Local number, D031.

LOCATION.--Lat 33°56'30", long 90°46'15", in SW4NE4 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 1991 to SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	29.48

GROUND-WATER LEVELS

BOLIVAR COUNTY--Continued

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	34.90

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, 31.40 ft below land-surface datum, Oct. 23, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 to SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	28.69	MAR 31	28.10

335017090433201. Local number, H047.

LOCATION.--Lat 33°50'17", long 90°43'32", in NW¼NW¼ sec.12, T.23 N., R.5 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030207, 0.2 mi west of Post Office at elevated watertank on St Mary Street.

Owner: Town of Merigold.

AQUIFER.--Sand of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 1,371 ft.

DATUM.--Land-surface datum is 135 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Measuring

point: 3/4-in plug at pump motor base, 2.45 ft above land-surface datum.

PERIOD OF RECORD.--April 1989, to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 18.66 ft below land surface datum, Mar. 27, 1990, lowest measured, 23.76 ft below land-surface datum, Apr. 9, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	23.43

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, 39.57 ft below land-surface datum, Mar. 30, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 to SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	38.43

BOLIVAR COUNTY--Continued

334217090475201. Local number, L050.

LOCATION.--Lat 33°42'17", long 90°47'52", in SE4SE4 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.

REMARKS.--Water levels affected by pumping.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	9.09

334218090475701. Local number, L092.

LOCATION.--Lat 33°42'30", long 90°47'57", in SE4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	38.09

334106090590902. Local number, N002.

LOCATION.--Lat 33°41'06", long 90°59'09", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	17.68

333959090435001. Local number, Q150.

LOCATION.--Lat 33°39'59", long 90°43'50", in NE4SE4 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, 19.92 ft below land-surface datum, Oct. 5, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	19.82	MAR 31	19.65

GROUND-WATER LEVELS

BOLIVAR COUNTY--Continued

333530090582401. Local number, R064.

LOCATION.--Lat 33°35'30", long 90°58'24", in SE4SE4 sec.12, T.20 N., R.8 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 08030209, at Stringtown.

Owner: H and H Planting Company.

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, 43.82 ft below land-surface datum, Apr. 9, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	42.18

CALHOUN COUNTY

335118089175901. Local number, K101.

LOCATION.--Lat 33°51'18", long 89°17'59", in NE4SW4 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, 105.75 ft below land-surface datum, Oct. 16, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	99.98	APR 6	100.59

CHICKASAW COUNTY

340030088444801. Local number, D006.

LOCATION.--Lat 34°00'30", long 88°44'48", in NW4SE4 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.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--1917, October 1956, December 1958, October 1977 to April 1992 (destroyed).

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
OCT 9	165.70

335400088595001. Local number, F016.

LOCATION.--Lat 33°54'00", long 88°59'50", in SW4SW4 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.

REMARKS.--Water levels affected by nearby pumping.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	110.50	APR 6	100.98

CHICKASAW COUNTY--Continued

335400088594601. Local number, F018.

LOCATION.--Lat 33°54'00", long 88°59'46", in SW4SW4, 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, 57.39 ft below land-surface datum, Apr. 8, 1991, lowest measured, 64.40 ft below land-surface datum May 24, 1972.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	59.97	APR 6	58.84

335136089005301. Local number, K037.

LOCATION.--Lat 33°51'36", long 89°00'53", in SW4SW4 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 April 1992 (discontinued).

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
OCT 9	63.10

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	96.65	MAR 30	96.17

COAHOMA COUNTY

342400090322001. Local number, C111.

LOCATION.--Lat 34°24'00", long 90°32'20", in NW4SW4 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, 16.18 ft below land-surface datum, Mar. 31, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	14.82	MAR 31	16.18

GROUND-WATER LEVELS

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, 21.22 ft below land-surface datum, Nov. 25, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	21.22	MAR 31	17.54

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, 32.70 ft below land-surface datum, Mar. 29, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	28.17	MAR 31	27.25

341059090334501. Local number, J020.

LOCATION.--Lat 34°10'59", long 90°33'45", in SW¼NE¼ sec.25, T.27 N., R.4 W., Choctaw Meridian, Coahoma County, Hydrologic Unit 08030204, 2 mi south of center of Clarksdale.
Owner: City of Clarksdale.

AQUIFER.--Sparta Sand of Claiborn Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 20x16 in, Depth 283 ft., screened 223-283 ft.

DATUM.--Land-surface datum is 170 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of shelter floor, 1.20 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--1957, October 1989, October 1991 to current year.

EXTREME FOR PERIOD OF RECORD.--Highest water level measured, 32.18 ft below land-surface datum, Mar. 31, 1992, lowest measured 93.32 ft below land-surface datum, July 6, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	35.56	JAN 22	33.07	JUN 2	83.00	AUG 14	93.05
NOV 25	34.68	MAR 31	32.18	JUL 6	93.32		

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, 194.20 ft below land-surface datum, May 1, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 30	180.50

GROUND-WATER LEVELS

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COPIAH COUNTY--Continued

315128090205202. Local number, P049.

LOCATION.--Lat 31°51'28", long 90°20'52", in NE¼NW¼ 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30	134.79	JUN 23	136.97

COVINGTON COUNTY

314447089302301. Local number, C024.

LOCATION.--Lat 31°44'47", long 89°30'23", in NW¼SW¼ sec.15, T.9 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, 10 mi southeast of Mr. Olive on State Highway 532.
 Owner: Mississippi Forestry Commission.

AQUIFER.--Sand of Catahoula Sandstone of Miocene Age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 588 ft, screened 541-561 ft, 568-588 ft.

DATUM.--Land-surface datum is 400 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Well seal, top of 4 in casing, 1.5 ft above land-surface datum.

PERIOD OF RECORD.--May 1976, Apr. 1, 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 148 ft below land-surface datum, May 1976, lowest measured, 156.53 ft below land-surface datum, Apr. 11, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 13	156.17

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
JUN 8	120.74

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, 348.00 ft below land-surface datum, Apr. 16, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 13	329.50

GROUND-WATER LEVELS

DE SOTO COUNTY

345726089492901. Local number, D002.

LOCATION.--Lat 34°57'26" long 89°49'29", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	147.44

FORREST COUNTY

311834089170101. Local number, D008.

LOCATION.--Lat 31°18'34", long 89°17'01", in SE4NE4 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 middle 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	89.33	APR 14	81.55

311958089195001. Local number, D108.

LOCATION.--Lat 31°19'58", long 89°07'31", in SE4SE4 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 middle 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, 109.41 ft below land-surface datum, Oct. 16, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	109.41	APR 14	96.58

311137089110501. Local number, G116.

LOCATION.--Lat 31°11'37", long 89°11'05", in SW4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	145.66	APR 14	146.30

FORREST COUNTY--Continued

310135089093101. Local number, L079.

LOCATION.--Lat 31°01'35", long 89°09'31", in NW4NW4 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, 183.06 ft below land-surface datum, Apr. 16, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	181.82	APR 16	183.06

FRANKLIN COUNTY

313026091035101. Local number, F001.

LOCATION.--Lat 31°30'26", long 91°03'51", in NW4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	19.60	MAR 30	18.95

GREENE COUNTY

311435088312201. Local number, M002.

LOCATION.--Lat 31°14'35", long 88°31'22", in NE4NW4 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, 9.3 ft above land-surface datum, Apr.17, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
JUN 8	-11.5

310856088325401. Local number, P039.

LOCATION.--Lat 31°08'56", long 88°32'54", in NW4SW4 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.

REMARKS.--Leaking casing.

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, 6.9 ft above land-surface datum, Apr. 4, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	-9.2	APR 4	-6.9

GROUND-WATER LEVELS

GRENADA COUNTY

335032089473101. Local number, B102.

LOCATION.--Lat 33°50'32", long 89°47'31", in SE4SE4 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, 1.92 ft above land-surface datum, Mar. 30, 1989, lowest measured, 8.55 ft below land-surface datum, Mar. 24, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	6.46

334556089583501. Local number, F112.

LOCATION.--Lat 33°45'56", long 89°58'45", in SE4SE4 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, 3.00 ft above land-surface datum, Apr. 1, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	-3.00

334128089441701. Local number, H111.

LOCATION.--Lat 33°41'28", long 89°44'17", in SE4SE4 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, 11.88 ft below land-surface datum, Apr. 1, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	11.88

334147089433801. Local number, H113.

LOCATION.--Lat 33°41'47", long 89°43'38", in NE4SW4 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 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	1.90

GRENADA COUNTY--Continued

334148089425701. Local number, J002.

LOCATION.--Lat 33°41'48", long 89°42'57", in NW4SW4 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, 23.07 ft below land-surface datum, Apr. 1, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	23.07

HANCOCK COUNTY

302158089372901. Local number, H003.

LOCATION.--Lat 30°21'58", long 89°37'29", in SW4NW4 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: Stennis Space Center.

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, 42.8 ft above land-surface datum, Oct. 20, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-43.3	APR 15	-45.1

302140089345901. Local number, H004.

LOCATION.--Lat 30°21'40", long 89°34'59", in NE4SE4 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: Stennis Space Center.

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-64.2	APR 15	-60.5

302227089373001. Local number, H005.

LOCATION.--Lat 30°22'27", long 89°37'30", in NE4SW4 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: Stennis Space Center.

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, 43.8 ft above land-surface datum Apr. 15, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-48.7	APR 15	-43.8

GROUND-WATER LEVELS

HANCOCK COUNTY--Continued

302140089351401. Local number, H006.

LOCATION.--Lat 30°21'40", long 89°35'14", in NE4SW4 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: Stennis Space Center.

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, 47.6 ft above land-surface datum, Apr. 15, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-53.4	APAR 15	-47.6

302206089350601. Local number, H007.

LOCATION.--Lat 30°22'06", long 89°35'06", in NW4NE4 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: Stennis Space Center.

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, 44.4 ft above land-surface datum, Apr. 2, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-56.8	APR 15	-48.2

302126089351401. Local number, H008.

LOCATION.--Lat 30°21'26", long 89°35'14", in SW4SE4 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: Stennis Space Center.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-0.99	APR 15	-2.25

302118089351501. Local number, H011.

LOCATION.--Lat 30°21'18", long 89°35'15", in NW4NE4 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: Stennis Space Center.

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-5.55	APR 15	-6.30

HANCOCK COUNTY--Continued

302118089351502. Local number, H012.

LOCATION.--Lat 30°21'18", long 89°35'15", in NW4NE4 sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 031800004, 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Stennis Space Center.

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-4.16	APR 15	-4.85

302118089351503. Local number, H013.

LOCATION.--Lat 30°21'18", long 89°35'15", in NW4NE4 sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 031800004, 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Stennis Space Center.

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, 0.95 ft below land-surface datum, Oct. 20, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-2.10	APR 15	-2.80

302118089351504. Local number, H014.

LOCATION.--Lat 30°21'18", long 89°35'15", in NE4 sec.15, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 031800004, 20 mi northwest of center of Bay St. Louis at NASA site on State Highway 607.

Owner: Stennis Space Center.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	6.62	APR 15	5.03

301858089202301 Local number, K001.

LOCATION.--Lat 30°18'58", long 89°20'23", in NW4SW4 sec.3, T.8 S., R.13 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 031700009, 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	6.25	APR 15	5.70

GROUND-WATER LEVELS

HANCOCK COUNTY--Continued

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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-2.30	APR 15	-5.30

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 Wildlife Conservation Department, Fisheries Division.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	68.89	APR 16	68.50

302400089022403. 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	47.23	APR 15	41.77

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 Department, 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	12.58	APR 16	13.81

HARRISON COUNTY--Continued

302403089141801. Local number, L454.

LOCATION.--Lat 30°24'03", long 89°14'18", in SW4SW4 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.

REMARKS.--Well apparently leaking along distribution line.

PERIOD OF RECORD.--October 1984 to April 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.9 ft above land-surface datum, Oct. 26, 1984, lowest measured, 36.6 ft above land-surface datum, Apr. 3, 1991.

302410089082201. Local number, L654.

LOCATION.--Lat 30°24'10", long 89°08'22", in SW4SE4 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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	-43.9	APR 16	-43.9

301856089145301. Local number, N003.

LOCATION.--Lat 30°18'56", long 89°14'53", in SW4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	5.15	APR 15	3.00

HINDS COUNTY

322900090171001. Local number, C029.

LOCATION.--Lat 32°29'00", long 90°17'10", in SW4SE4 sec.3, T.7 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 0806212, 0.2 mi northeast of center of Pocahontas at elevated water tank.

Owner: Town of Pocahontas.

AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 4 in, depth 774 ft.

DATUM.--Land-surface datum is 240 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

PERIOD OF RECORD.--June 1968, March 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 95 ft below land-surface datum, Jun. 1968, lowest measured, 126.43 ft below land-surface datum, Oct. 11, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	126.43	APR 3	125.62

GROUND-WATER LEVELS

HINDS COUNTY--Continued

321949090361501. Local number, D001.

LOCATION.--Lat 32°19'49", long 90°36'15", in SW4SW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	118.44	MAR 30	123.72

322112090195601. Local number, G059.

LOCATION.--Lat 32°21'12", long 90°19'56", in NW4NW4 sec.19, T.6 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, at Clinton Industrial Park, off west Northside Drive.
 Owner: City of Clinton.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	236.22	DEC 23	234.61	FEB 26	236.02	APR 30	230.24	JUN 25	234.38	AUG 25	235.45
NOV 22	236.06	JAN 30	234.03	MAR 27	234.91	MAY 27	229.65	---	---	SEP 23	235.30

322128090174901. Local number, G101.

LOCATION.--Lat 32°21'28", long 90°17'49", in SEWSEW 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, 253.81 ft below land-surface datum, Aug. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	239.69	DEC 23	237.85	FEB 26	246.71	APR 30	238.94	JUN 25	242.44	AUG 25	253.81
NOV 22	237.25	JAN 30	238.54	MAR 27	238.96	MAY 27	250.76	---	---	SEP 23	241.59

322301090090001. Local number, H023.

LOCATION.--Lat 32°23'01", long 90°09'00", in NW4NEW 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, 249.52 ft below land-surface datum, Aug. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	247.17	DEC 23	244.51	FEB 26	244.42	APR 30	245.63	JUN 27	247.47	AUG 25	249.52
NOV 22	244.98	JAN 30	243.80	MAR 27	244.64	MAY 27	247.75	---	---	SEP 23	249.50

HINDS COUNTY--Continued

321957090105601. Local number, H155.

LOCATION.--Lat 32°19'57", long 90°10'56", in NW4SE4 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, 165.90 ft below land-surface datum, Nov. 22, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	165.33	DEC 29	164.11	FEB 27	161.73	APR 30	163.39	JUN 25	162.25	AUG 30	163.82
NOV 21	163.72	JAN 23	160.47	MAR 20	162.49	MAY 23	162.30	JUL 27	162.58	SEP 26	164.01

322241090073701. Local number, H160.

LOCATION.--Lat 32°22'41", long 90°07'37", in SE4NE4 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, 232.32 ft below land-surface datum, Aug. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	230.45	DEC 23	226.99	FEB 26	227.00	APR 30	228.26	JUN 25	231.00	AUG 25	232.32
NOV 22	228.49	JAN 30	226.60	MAR 27	227.24	MAY 27	230.62	---	---	SEP 23	232.08

32223090132801. 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 354 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 14-in plug at top of well head, 1.50 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping. Datum change from 360 ft to 354 ft above NGVD (excavation at site).

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, 297.10 ft below land-surface datum Sept. 26, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	295.37	DEC 23	294.35	FEB 26	293.10	APR 30	296.10	JUN 25	293.86	AUG 25	295.70
NOV 22	294.07	JAN 30	292.79	MAR 27	294.74	MAY 27	297.00	---	---	SEP 23	297.10

32222090095201. Local number, H164.

LOCATION.--Lat 32°22'22", long 90°09'52", in SW4SE4 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 226.82 ft below land-surface datum, Sept. 23, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	224.37	DEC 23	222.87	FEB 26	222.17	APR 30	223.27	JUN 25	225.24	AUG 25	226.82
Nov 22	223.54	JAN 30	221.46	MAR 27	222.50	MAY 27	224.75	---	---	SEP 23	226.10

GROUND-WATER LEVELS

HINDS COUNTY--Continued

321512090283301. Local number, K055.

LOCATION.--Lat 32°15'12", long 90°28'33", in NW4NE4 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, 64.68 ft below land-surface datum, Oct. 11, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	64.00	APR 1	62.55

321521090245101. Local number, L005.

LOCATION.--Lat 32°15'21", long 90°24'51", in NE4NW4 sec.20, T.5 N., R.2 W., 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.

REMARKS.--Water levels affected by nearby pumping.

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, 242.97 ft below land-surface datum, October 10, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	236.90	APR	232.10

321752090102601. Local number, N092.

LOCATION.--Lat 32°17'52", long 90°10'26", in SW4SW4 sec.2, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, southeast corner of Mississippi State Fairgrounds off Jefferson Street.

Owner: Mississippi Fair 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 105.64 ft below land-surface datum, June 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	104.74	DEC 23	104.75	FEB 26	104.71	APR 30	104.98	JUN 25	105.64	AUG 25	105.21
NOV 22	104.21	JAN 30	104.70	MAR 27	104.89	MAY 27	105.13	---	---	---	105.10

320554090173902. Local number, V033.

LOCATION.--Lat 32°04'30", long 90°54'33", in NW4SW4 sec.15, T.3 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, 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, 157.67 ft below land-surface datum, June 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	146.43	DEC 23	145.32	FEB 26	144.15	APR 30	145.41	JUN 25	157.67	AUG 25	152.61
NOV 22	145.64	JAN 30	145.00	MAR 27	142.50	MAY 27	151.33	---	---	---	---

HOLMES COUNTY

330650090034501. Local number, L043.

LOCATION.--Lat 33°06'50", long 90°03'45", in SW4NE4 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, 3.90 ft below land-surface datum, Apr. 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	3.90

330448090192201. Local number, P159.

LOCATION.--Lat 33°04'48", long 90°19'22", in NE4NW4 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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	-60.52

330420089510901. Local number, T014.

LOCATION.--Lat 33°04'20", long 89°51'09", in SE4NE4 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, 13.80 ft below land-surface datum, Apr. 2, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	13.80

330430089534301. Local number, T025.

LOCATION.--Lat 33°04'45", long 89°51'12", in SE4SE4 sec.11, T.14 N., R.4 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08060201, 0.3 mi northwest of center of Durant on Washington Street.

Owner: Town of Durant.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 18 in, depth 660 ft.

DATUM.--Land-surface datum is 265 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 3/4-in air vent hole at pump base, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--May 1987, July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.0 ft below land-surface datum, May 15, 1987, lowest measured, 21.97 ft below land-surface datum, July 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	15.92

GROUND-WATER LEVELS

HUMPHREYS COUNTY

331539090351700. Local number, B014.

LOCATION.--Lat 33°15'39", long 90°35'17", in SW4NW4 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 111 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, 9.0 ft above land-surface datum, Apr. 10, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
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APR 2	-9.24
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330606090353501. Local number, E088.

LOCATION.--Lat 33°06'06", long 90°35'35", in NW4SW4 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 September 1990 (discontinued).

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.

330805090205501. Local number, G061.

LOCATION.--Lat 33°08'05", long 90°20'55", in SE4NE4 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 Talahatta 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, 58.7 ft above land-surface datum, Mar. 30, 1989, lowest measured 52.9 ft above land-surface datum, May 1, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
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APR 2	-55.44
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ITAWAMBA COUNTY

341633088243801. Local number, G024.

LOCATION.--Lat 34°16'33", long 88°24'38", in NW4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
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OCT 8	42.96	APR 7	39.02
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JACKSON COUNTY

302454088493401. Local number, N048.

LOCATION.--Lat 30°24'55", long 88°49'35", in SE4SW4 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: Larry Casper (Formerly L & N 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: Top of 4-in discharge pipe, 2.50 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, 101.67 ft below land-surface datum, Oct. 22, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	101.67	APR 15	96.64

302357088473801. Local number, N073.

LOCATION.--Lat 30°23'57", long 88°47'38", in SE4NW4 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 Oct. 1991 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.0 ft above land-surface datum, Apr. 8, 1938, lowest measured, 80.71 ft below land-surface datum, Oct. 19, 1988.

302503088481602. Local number, N511.

LOCATION.--Lat 30°25'03", long 88°48'16", in NE4SE4 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, 11.5 ft above land-surface datum, Apr. 18, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
JUN 9	-13.92

302451088325901. Local number, P045.

LOCATION.--Lat 30°24'51", long 88°32'59", in NE4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	40.36	APR 14	38.70

302244088325801. Local number, P068.

LOCATION.--Lat 30°22'44", long 88°32'58", in SE4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
OCT 23	61.02

GROUND-WATER LEVELS

JACKSON COUNTY--Continued

302134088330803. Local number, P124.

LOCATION.--Lat 30°21'34", long 88°33'08", in SW4SE4 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 Community 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	59.51	APR 14	50.98

302042088331801. Local number, P134.

LOCATION.--Lat 30°20'42", long 88°33'18", in SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	56.95	APR 14	55.25

302535088303501. Local number, Q025.

LOCATION.--Lat 30°25'35", long 88°30'35", in NW4NE4 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: Seacoast Products (Formerly 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	23.60	APR 15	21.73

302126088293801. Local number, Q112.

LOCATION.--Lat 30°21'32", long 88°29'38", in SW4SW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	8.94	APR 15	9.02

JACKSON COUNTY--Continued

302253088302401. Local number, Q407.

LOCATION.--Lat 30°22'53", long 88°30'24", in SW4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	113.37	APR 15	131.13

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, 17.90 ft below land-surface datum, Apr. 17, 1990;
lowest measured 25.0 ft below land-surface datum, Sept. 2, 1976.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	18.34	APR 15	17.96

JEFFERSON COUNTY

314245091034601. Local number, H001.

LOCATION.--Lat 31°42'45", long 91°03'46", in SW4NW4 sec. 45, T.9 N., R.1 E., 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	148.08	MAR 30	147.72

JONES COUNTY

314716089054801. Local number, C111.

LOCATION.--Lat 31°47'16", long 89°05'48", in NE4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 13	126.49

GROUND-WATER LEVELS

JONES COUNTY--Continued

314143089083901. Local number, G055.

LOCATION.--Lat 31°41'43", long 89°08'39", in NW4NW4 sec.6, T.8 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 13	160.55

LAFAYETTE COUNTY

343005089301301. Local number, B001.

LOCATION.--Lat 34°30'05", long 89°30'13", in NW4SE4 sec.3, T.7 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, 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, 166.44 ft below land-surface datum, Mar. 28, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	163.10

342550089312801. Local number, B004.

LOCATION.--Lat 34°25'50", long 89°31'28", SW4NW4 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: Georgia Pacific (formerly Champion Industries).

AQUIFER.--Sand of Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in, depth 248 ft, cased to 208 ft.

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

DATUM.--Land-surface datum is 430 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

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

REMARKS.--Recorder data for WY 1992 not published.

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, 84.64 ft below land-surface datum, Feb. 15, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 11	82.34	JAN 22	82.51	APR 1	79.90	AUG 17	79.58
DEC 13	82.38	MAR 5	82.09	JUN 2	80.05	---	---

342130089313001. Local number, F021.

LOCATION.--Lat 34°21'30", long 89°31'30", in SW4NW4 sec.28, T.8 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	101.54	APR 1	101.59

LAFAYETTE COUNTY--Continued

342104089320301. Local number, F112.

LOCATION.--Lat 34°21'04", long 89°32'03", in SW4SE4 sec.29, T.8 S, R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, 1 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	164.39	APR 1	163.94

LAMAR COUNTY

311938089211101. Local number, E214.

LOCATION.--Lat 31°19'38", long 89°21'11", in SW4NE4 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 middle 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, 102.60 ft below land-surface datum, Apr. 16, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	101.20	APR 16	102.60

310934089252101. Local number, L093.

LOCATION.--Lat 31°09'35", long 89°25'21", in SE4SE4 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.

REMARKS.--Water levels affected by nearby pumping.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
OCT 16	157.24

LAUDERDALE COUNTY

321902088445701. Local number, M003.

LOCATION.--Lat 32°19'02", long 88°44'57", in NW4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	11.64

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, 183.20 ft below land-surface datum, Apr. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	153.88

LEAKE COUNTY

324348089314801. Local number, K015.

LOCATION.--Lat 32°43'48", long 89°31'48", in NE¼NW¼ sec. 12, T.10 N., R.7 E., Choctaw Meridian, Leake County,
Hydrologic Unit 03180001, near center of Carthage on Van Buren Street.
Owner: Town of Carthage.

AQUIFER.--Meridian Sand Member of Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 16-10 in, depth 640 ft.

DATUM.--Land-surface datum is 400 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 3/4-in vent pipe at pump motor base, 1.70 ft above land surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--November 1963, December 1979, October 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 35 ft below land-surface datum, Nov. 1963, lowest measured, 137.40 ft below land-surface datum, May 2, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	119.15	APR 1	120.93

324427089295201. Local number, L001.

LOCATION.--Lat 32°44'20", long 89°29'50", in SW¼SE¼ sec.5, T.10 N., R.8 E., Choctaw 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, 58.65 ft below land-surface datum, Apr. 11, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	58.65

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 unused 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.

REMARKS.--Water-level recoveries reflect results of converting from ground to surface water at city of Tupelo.

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, 249.88 ft below land-surface datum, Apr. 20, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 12	246.12	DEC 18	257.04	FEB 15	207.40	APR 8	202.30
NOV 19	228.95	JAN 22	238.60	MAR 16	213.65	MAY 12	200.69

GROUND-WATER LEVELS

407

LEE COUNTY--Continued

341632088403001. Local number, H009.

LOCATION.--Lat 34°16'32", long 88°40'30", in SW4NE4 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.

REMARKS.--Water-level recoveries reflect results of converting from ground to surface water at city of Tupelo.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	167.19	JAN 22	140.27	APR 7	131.45	MAY 12	130.30

341547088422901. Local number, H022.

LOCATION.--Lat 34°15'47", long 88°42'29", in NW4NW4 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 recoveries reflect results of converting from ground to surface water at city of Tupelo.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	198.50	MAY	144.84

341948088423101. Local number, H033.

LOCATION.--Lat 34°19'48", long 88°42'31", in NW4SE4 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.

REMARKS.--Water-level recoveries reflect results of converting from ground to surface water at city of Tupelo.

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, 166.00 ft below land-surface, Oct. 8, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	169.10	NOV 19	164.20	DEC 18	159.90	JAN 22	155.90	MAR 16	150.40	MAY 12	148.35

341536088421001. Local number, H042.

LOCATION.--Lat 34°15'36", long 88°42'10", in SE4NE4 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 unused 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-level recoveries reflect results of converting from ground to surface water at city of Tupelo.

PERIOD OF RECORD.--August 1966, October 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 140.89 ft below land-surface datum, May 12, 1992, lowest measured, 257.00 ft below land-surface datum, May 13, 1980.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	193.25	DEC 18	186.45	FEB 12	148.50	APR 7	144.31
NOV 19	186.92	JAN 22	154.00	MAR 17	148.35	MAY 12	140.89

GROUND-WATER LEVELS

LEE COUNTY--Continued

341235088431601. Local number, K029.

LOCATION.--Lat 34°12'35", long 88°43'16", in SE4SE4 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-level recoveries reflect results of converting from ground to surface water at city of Tupelo.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	LEVEL	DATE	LEVEL
OCT 9	273.10	DEC 18	253.00	MAR 16	236.20	MAY 13	231.30
NOV 19	271.05	JAN 22	245.74	APR 7	249.60		

340522088371701. Local number, 0014.

LOCATION.--Lat 34°05'25", long 88°37'17", in SW4SE4 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, 68.28 ft below land-surface datum, Apr. 9, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 22	65.20	APR 7	65.36	MAY 14	64.10

340523088371701. Local number, 0015.

LOCATION.--Lat 34°05'23", long 88°37'17", in SW4SE4 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, 95.66 ft below land-surface datum, Apr. 3, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 7	93.00	MAY 14	91.80

340659088424601. Local number, 0022.

LOCATION.--Lat 34°06'59", long 88°42'46", in NE4NW4 sec. 19, T.11 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, at City Hall on corner of Broad and Boyd Streets, near center of Shannon.
 Owner: Town of Shannon.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 485 ft. 1929 (from topographic map).

Measuring point: Vent pipe in pump motor base, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--July 1957, November 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35 ft below land, surface datum, July 1957, lowest measured, 126.37 below land surface datum, Apr. 3, 1991.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 7	121.88

LEFLORE COUNTY

333823090205101. Local number, D160.

LOCATION.--Lat 33°38'23", long 90°20'51", in NW4SW4 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, 14.40 ft below land-surface datum, Mar. 30, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	13.29

333437090262601. Local number, F053.

LOCATION.--Lat 33°34'37", long 90°26'26", in NW4NW4 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, 47.26 ft below land-surface datum, Oct. 5, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	42.70	APR 2	39.34

333159090113401. Local number, L079.

LOCATION.--Lat 33°31'59", long 90°11'34", in SW4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	24.19

333135090124402. Local number, L111.

LOCATION.--Lat 33°31'35", long 90°12'44", in SE4SE4 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.

REMARKS.--Water levels affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.35 ft below land-surface datum, Mar. 30, 1990, lowest measured 35.96 ft below land-surface datum, Sept. 18, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 3	8.93

GROUND-WATER LEVELS

LEFLORE COUNTY--Continued

333050090112501. Local number, L150.

LOCATION.--Lat 33°30'50", long 90°11'25", in NE4NE4 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 April 1991 (destroyed).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.40 ft below land-surface datum, Mar. 30, 1990,
 lowest measured, 50 ft below land-surface datum, Jan. 22, 1964.

333100090105801. Local number, L152.

LOCATION.--Lat 33°31'00", long 90°10'58", in NE4NW4 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, 26.28 ft below land-surface datum, Sept. 21, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 3	16.24

LINCOLN COUNTY

313731090370101. Local number, B037.

LOCATION.--Lat 31°37'31", long 90°37'01", in NE4NE4 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, 69.20 ft below land-surface datum, Mar. 12, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAY 16	66.65

313504090261401. Local number, H010.

LOCATION.--Lat 31°35'04", long 90°26'14", in SW4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	66.60	APR 6	66.22

LOWNDES COUNTY

333845088275404. Local number, A014.

LOCATION.--Lat 33°38'45", long 88°27'54", in NE4SW4 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, 36.41 ft below land-surface datum, Oct. 18, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	30.65	APR 8	30.08

333306088255601. Local number, C029.

LOCATION.--Lat 33°33'06", long 88°25'56", in SW4SW4 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: Southern Comfort Mobile Homes.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
AUG 8	40.58

333703088244801. Local number, C030.

LOCATION.--Lat 33°37'03", long 88°24'48", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	19.30

332838088393401. Local number, E005.

LOCATION.--Lat 33°28'38", long 88°39'34", in NW4NE4 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, 115.25 ft below land-surface datum, Apr. 3, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
OCT 3	113.05

GROUND-WATER LEVELS

LOWNDES COUNTY--Continued

333052088234101. Local number, G185.

LOCATION.--Lat 33°30'52", long 88°23'41", in SW4 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, 20.88 ft below land-surface datum, Jan. 23, 1990.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	11.43	---	---	---	---	APR 8	9.40	JUN 16	10.30	AUG 5	10.30
NOV 20	10.94	---	---	---	---	---	---	---	---	SEP 10	4.17

332656088335801. Local number, K037.

LOCATION.--Lat 33°26'56", long 88°33'58", in SW4SW4 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 73.90 ft below land-surface datum, Sept. 19, 1991, lowest measured, 104.76 ft below land-surface datum, Apr. 20, 1989.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	91.33

332718088333903. Local number, K039.

LOCATION.--Lat 33°27'18", long 88°33'39", in SW4SW4 sec.6, T.18 N., R.17 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, 1.5 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	109.03

332517088235601. Local number, L022.

LOCATION.--Lat 33°25'17", long 88°23'56", in SE4SE4 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: Occidental Chemical Company (Formerly 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.

REMARKS.--Recovery in water level reflects decrease in pumping.

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	1.77

LOWNDES COUNTY--Continued

332508088235409. Local number, L034.

LOCATION.--Lat 33°25'08", long 88°23'54", in NW4SE4 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: Occidental Chemical Company (formerly 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.--Recovery in water level reflects decrease in pumping.

PERIOD OF RECORD.--July 1958, October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.34 ft below land-surface datum, Apr. 8, 1992, lowest measured, 108.80 ft below land-surface datum, May 12, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	28.44	APR 8	26.34

332142088380101. Local number, N029.

LOCATION.--Lat 33°21'42", long 88°38'01", in SW4SW4 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: Holnam, Inc. (formerly 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, 153.09 ft below land-surface datum, Apr. 8, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	153.09

MADISON COUNTY

322413090101701. Local number, V013.

LOCATION.--Lat 32°24'20", long 90°09'30", in NE4SE4 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.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in, depth 600 ft.

DATUM.--Land-surface datum is 358 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, 218.50 ft below land-surface datum, Oct. 24, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	216.59	DEC 23	215.72	FEB 6	214.81	APR 30	214.48	JUN 25	215.35	AUG 25	216.18
NOV 26	218.34	JAN 5	217.26	MAR 26	216.68	MAY 28	216.23	AUG 3	215.82	SEP 23	216.10

322415090085001. Local number, V029.

LOCATION.--Lat 32°24'15", long 90°09'44", in NW4SE4 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 institutional use artesian well, diameter 12 in, depth 831 ft.

DATUM.--Land-surface datum is 355 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 3/4-in air vent, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--June 1969, July 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 233 ft below land-surface datum, June 1969, lowest measured, 278.33 ft below land-surface datum, Aug. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	277.32	DEC 23	275.13	FEB 26	273.58	APR 30	273.33	JUN 25	274.71	AUG 25	278.33
NOV 22	275.21	JAN 30	272.97	MAR 27	273.83	MAY 27	273.94	AUG 3	277.54		

GROUND-WATER LEVELS

MADISON COUNTY--Continued

322627090062401. Local number, W005.

LOCATION.--Lat 32°26'27", long 90°06'24", in NE4NW4 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, 184.16 ft below land-surface datum, Sept. 26, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	175.35	DEC 23	174.59	FEB 26	175.14	APR 30	169.53	JUN 25	177.13	AUG 25	180.18
NOV 22	175.50	JAN 30	172.84	MAR 27	171.63	MAY 27	175.92	AUG 3	179.29	SEP 23	178.73

322702090082301. Local number, W074.

LOCATION.--Lat 32°27'02", long 90°08'23", in SW4NW4 sec.18, T.7 N., R.2 E., Choctaw 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, 311.28 May 16, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	304.76	DEC 23	302.04	---	---	APR 30	303.19	JUN 25	306.15	AUG. 25	306.77
NOV 22	302.19	JAN 30	303.79	MAR 27	302.12	MAY 27	305.92	AUG 3	306.64	---	---

MARSHALL COUNTY

345220089462301. Local number, D005.

LOCATION.--Lat 34°52'20", long 89°41'16", in NW4NW4 sec. 36, T.2 S., R.5 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, near intersection of Old U.S. Highway 78 and State Highway 309 at Byhalia.
 Owner: Town of Byhalia.

AQUIFER.--Sand of Ripley Formation of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 10 in, depth 1620 ft.

DATUM.--Land-surface datum is 351 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: 3/4-in vent pipe at pump motor base, 2.74 ft above land-surface datum.

REMARKS.--Water levels affected by nearby pumping.

PERIOD OF RECORD.--November 1968, October 1978, March 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13 ft above land-surface datum, Nov. 1968, lowest measured, 50.48 ft below land-surface datum, Aug. 13, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 2	37.66	AUG 13	50.48

344618089272801. Local number, P072.

LOCATION.--Lat 34°46'18", long 89°27'24", in NW4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 1	127.46

MONROE COUNTY

335917088304401. Local number, C003.

LOCATION.--Lat 33°59'17", long 88°30'44", in NE4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	25.39	APR 7	24.72

334836088333301. Local number, L103 (formerly P022)

LOCATION.--Lat 33°48'36", long 88°33'33", in NW4NW4 sec. 3, T.15 S., R.7E, Chickasaw Meridian, Monroe County, Hydrologic Unit 031601, 1 mi southwest of center of Aberdeen on State Highway 25.

Owner: Vista Chemical Corporation (formerly Monroe Manufacturing Company).

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	99.00	APR 8	106.15

334836088390201. Local number, 0003.

LOCATION.--Lat 33°48'36", long 88°39'02", in NE4NE4 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, 172.63 ft below land-surface datum, Apr. 8, 1992, lowest measured, 193.74 ft below land-surface datum, Oct. 16, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	LEVEL
OCT 2	179.25	APR 8	172.63

334359088391601. Local number, 0016.

LOCATION.--Lat 33°43'59", long 88°39'16", in SW4NE4 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 Mobile and Ohio 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	162.40	APR 8	161.66

GROUND-WATER LEVELS

MONROE COUNTY--Continued

334147088261501. Local number Q018.

LOCATION.--Lat 33°41'47", long 88°26'15", in SE4SE4 sec. 5, T.16S., R18 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: 1/4-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, 79.70 ft below land-surface datum, Oct. 2, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 2	79.70	APR 8	75.00

MONTGOMERY COUNTY

332916089432002. Local number, F002.

LOCATION.--Lat 33°29'16", long 89°43'20", in NW4NE4 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, 131.85 ft below land-surface datum, Mar. 28, 1990.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	120.83

NEWTON COUNTY

322722089162002. Local number E023.

LOCATION.--Lat 32°27'22", long 89°16'20", in NW4NW4 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, 256.22 ft below land-surface datum, May 8, 1990.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	251.58

322007089091502. Local number K081

LOCATION.--Lat 32°20'07", long 89°09'15", in SE4SE4 sec. 27, T.6 N., R.11 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, 0.4 mi south of Highway 80, Dectur street intersection.

Owner: Town of Newton.

AQUIFER.--Sparta Sand of Claiborn Group of Middle Eocene Age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 16x18 in, depth 324 ft, screened 274-324 ft.

DATUM.--Land-surface datum is 486 ft above National Geodetic Vertical Datum of 1929 (from topographic sheet).

Measuring point: Top of vent pipe on west side of pump, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--December 1974, November 1982, December 1988, October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 154.0 ft below land-surface datum, Dec. 15, 1974, lowest measured, 168 ft below land-surface datum, Oct. 9, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	166.40	MAR 31	164.92

NOXUBEE COUNTY

330645088332801. Local number, H115.
 LOCATION.--Lat 33°06'50", long 88°34'10", in NW4NW4 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, 18.81 ft below land-surface datum, Oct. 19, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	14.13	APR 9	14.58

325927088442701. Local number, Q018.
 LOCATION.--Lat 32°59'27", long 88°44'27", in NW4SW4 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, 317.08 ft below land-surface datum, Oct. 19, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 9	312.98	APR 9	312.42

OKTIBBEHA COUNTY

332710088471701. Local number, G102.
 LOCATION.--Lat 33°27'10", long 88°47'17", in NE4SW4 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, 238.36 ft below land-surface datum, Oct. 2, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
OCT 2	238.36

PERRY COUNTY

311056088551201. Local number, J015.
 LOCATION.--Lat 31°10'56", long 88°55'12", in SE4NW4 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 recreation 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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	-27.3	APR 14	-31.4

GROUND-WATER LEVELS

PERRY COUNTY--Continued

31095608852101. Local number, M011.

LOCATION.--Lat 31°09'56", long 88°55'21", in SW4SW4 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, 16.2 ft above land-surface datum, Oct. 24, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	-16.2	APR 14	-16.6

PIKE COUNTY

310833090272801. Local Number, G002.

LOCATION.--Lat 31°08'33", long 90°27'28", in NW4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 8	11.40

PRENTISS COUNTY

344239088323901. Local number, B053.

LOCATION.--Lat 34°42'39", long 88°32'39", in NE4NE4 sec.27, T.4 S., R.7 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 08010207, 1.25 mi east of U.S. Highway 45 at Thrasher.

Owner: Town of Thrasher.

AQUIFER.--Sand and gravel of Gordo Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 10 in, depth 485 ft.

DATUM.--Land-surface datum is 500 ft above land-surface datum of 1929. Measuring point: Top of well seal, 0.88 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--August 1973, November 1982, March 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 162 ft below land-surface datum, Aug. 2, 1973, lowest measured, 197.02 ft below land-surface datum, Oct. 17, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	185.91	APR 6	185.25

343921088334101. Local number, F002.

LOCATION.--Lat 34°39'21", long 88°33'41", in SE4SE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	218.10	APR 1	217.39

PRENTISS COUNTY--Continued

343142088384401. Local number, J084.
 LOCATION.--Lat 34°31'42", long 88°38'44", in SE4NE4 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, 64.08 ft below land-surface datum, Apr. 7, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 7	63.36

QUITMAN COUNTY

341538090161501. Local number, E034.
 LOCATION.--Lat 34°15'38", long 90°16'15", in SW4NE4 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 1500 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, 0.18 ft below land-surface datum, Mar. 31, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	0.18

341516090161601. Local number, E050.
 LOCATION.--Lat 34°15'16", long 90°16'16", in NE4SW4 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.--Meridian Sand Member of Tallahatta Formation 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, 0.60 ft below land-surface datum, Mar. 28, 1990, lowest measured, 5.11 ft below land-surface datum, Mar. 23, 1988.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 14	4.53

RANKIN COUNTY

322249089582101. Local number, G043.
 LOCATION.--Lat 32°22'49", long 89°58'21", in SW4NW4 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, 193.01 ft below land-surface datum, Sept. 23, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	184.83	DEC 23	185.02	---	---	APR 30	183.85	---	---	---	---
NOV 22	185.85	JAN 30	188.33	MAR 27	182.08	MAY 27	189.65	AUG 3	191.45	SEP 23	193.01

GROUND-WATER LEVELS

RANKIN COUNTY--Continued

321846089475101. Local number, J110.

LOCATION.--Lat 32°18'46", long 89°47'51", in SW4SW4 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, 133.88 ft below land-surface datum, Mar. 31, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	133.86	MAR 31	133.88

321413090093901. Local number, K035

LOCATION.--Lat 32°16'48", long 90°10'32", in NW4NW4 sec.14, T. 5 N., R. 1 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, 0.5 mi east of Pearl River on north side of US Highway 80 at Jackson.

Owner: Fred Harris (Old Billups Station).

AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 600 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, 1.40 ft above land-surface datum.

PERIOD OF RECORD.--September 1947, September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 108.0 ft below land-surface datum September 1949; lowest measured, 204.52 ft below land-surface datum, Augt. 25, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	201.50	DEC 23	200.93	FEB 26	199.98	APR 30	200.09	JUN 25	203.20	AUG 25	204.52
NOV 22	201.15	JAN 30	200.58	MAR 27	200.33	MAY 27	202.12	AUG 3	203.79	SEP 23	203.40

SCOTT COUNTY

323157089323101. Local number, B023.

LOCATION.--Lat 32°31'57", long 89°32'31", in SE4SE4 sec.14, T.8 N., R.7 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, 4 mi northwest of Harperville.

Owner: C & C Water Association.

AQUIFER.--Sand of lower part of the Wilcox Group of late Paleocene age.

WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 10-in, depth 2140 ft.

DATUM.--Land-surface datum is 391 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of vent pipe, 1.90 ft above land-surface datum.

PERIOD OF RECORD.--October 1989, March 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 78.17 ft below land-surface datum Oct. 12, 1989, lowest measured 79.34 ft below land-surface datum Mar. 31, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 31	79.34

322148089283201. Local number, L001.

LOCATION.--Lat 32°21'48", long 89°28'32", in SE4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	95.99	MAR 31	95.55

GROUND-WATER LEVELS

421

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 Tallahatta 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, 255.60 ft below land-surface datum, Oct. 10, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	255.60	MAR 31	245.70

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 Tallahatta Formation of middle Eocene age.

WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 4 in, depth 1,830 ft, cased to 1,790 ft.

DATUM.--Land-surface datum is 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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 30	-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, 29.92 ft below land-surface datum, Mar. 30, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 30	29.92

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 6-in pipe, 0.40 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, 351.10 ft below land-surface datum, Apr. 13, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	350.36	APR 13	351.10

GROUND-WATER LEVELS

SIMPSON COUNTY--Continued

315258089392201. Local number, L013.

LOCATION.--Lat 31°52'58" long 89°39'22", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 13	102.91

SUNFLOWER COUNTY

332505090293001. Local number, R021.

LOCATION.--Lat 33°25'05", long 90°29'30", in NW4SW4 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, 2.35 ft above land-surface datum, Apr. 9, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	-2.50

TATE COUNTY

343723089592801. Local number, F022.

LOCATION.--Lat 34°37'23", long 89°59'28", in SE4SE4 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.

REMARKS.--Water levels affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 119.79 ft below land-surface datum, Mar. 31, 1992, lowest measured, 158.07 ft below land-surface datum, Mar. 26, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	120.74	MAR 31	119.79

343811089580401. Local number, G037.

LOCATION.--Lat 34°38'11", long 89°58'04", in NW4SW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	93.06	MAR 31	98.52

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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	64.40	APR 7	63.13

345710088535601. Local number, B027.

LOCATION.--Lat 34°57'10", long 88°53'56", in NE¼SE¼ 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.--Coffee Sand of Selma Group of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 10 in, depth 952 ft.

DATUM.--Land-surface datum is 500 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

Measuring point: Top of 1 in access pipe at concrete base, 1.50 ft above land-surface datum.

PERIOD OF RECORD.--July 1982, October 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 157.0 ft below land-surface datum, Jul. 1, 1982, lowest measured, 184.23 ft below land-surface datum, Apr. 7, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	178.29	APR 7	184.23

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.--Coffee Sand 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, 251.96 ft below land-surface datum, Apr. 7, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	251.06	APR 7	251.96

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, 98.17 ft below land-surface datum, Mar. 6, 1991, lowest measured, 106.55 ft below land-surface datum, Apr. 1, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	98.76	APR 7	99.19

GROUND-WATER LEVELS

TISHOMINGO COUNTY--Continued

345603088170601. Local number, B019.

LOCATION.--Lat 34°56'03", long 88°17'06", in NEWSW4 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, 9.29 ft below land-surface datum, Oct. 8, 1991, lowest measured, 15.0 ft below land-surface datum, Sept. 29, 1973.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	9.29	APR 7	11.74

343936088161901. Local number, J010.

LOCATION.--Lat 34°39'36", long 88°16'19", in NW4SE4 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 BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 8	-4.35	APR 7	-4.90

UNION COUNTY

343200089045901. Local number, B006.

LOCATION.--Lat 34°32'00", long 89°04'59", in SE4NW4 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 Corporation (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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 6	69.00	AUG 12	70.88

343418088484901. Local number, E022.

LOCATION.--Lat 34°34'18", long 88°48'49", in NW4SE4 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 Craceous 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 6	411.84

WASHINGTON COUNTY

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, 24.3 ft above land-surface datum, Mar. 30, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 30	-24.3

332007090525401. Local number, H014.

LOCATION.--Lat 33°20'07", long 90°52'54", in NW4SW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	23.77	MAR 30	21.33

331808090532901. Local number, H101.

LOCATION.--Lat 33°18'08", long 90°53'29", in SW4SE4 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, 3.20 ft above land-surface datum, Oct. 1, 1991

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	-3.20	MAR 30	-3.20

331120090413001. Local number, M044.

LOCATION.--Lat 33°11'20", long 90°41'30", in NW4SW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
MAR 30	25.82

GROUND-WATER LEVELS

WAYNE COUNTY

315011088413601. Local number, C058.

LOCATION.--Lat 31°50'11", long 88°41'36", in SE4NE4 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, 34.7 ft above land-surface datum, Apr. 13, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	-37.0	APR 13	-34.7

314115088392301. Local number, N151.

LOCATION.--Lat 31°41'15", long 88°39'23", in NE4SE4 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, 19.52 ft below land-surface datum, Apr. 5, 1990, lowest measured, 35.73 ft below land-surface datum, Jan. 22, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	25.32	APR 13	22.03

WEBSTER COUNTY

332425089212001. Local number, M025.

LOCATION.--Lat 33°24'25", long 89°21'20", in SW4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	29.59	APR 6	30.75

WILKINSON COUNTY

310415091042201. Local number, T101.

LOCATION.--Lat 31°04'15", long 91°04'22", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	48.90	MAR 30	48.72

WILKINSON COUNTY--Continued

310415091042202. Local number, T102.

LOCATION.--Lat 31°04'15", long 91°04'22", in SE4NW4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	164.82	MAR 30	165.60

310415091042203. Local number, T103.

LOCATION.--Lat 31°04'15", long 91°04'22", in SE4NW4 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, 280.56 ft below land-surface datum, Oct. 10, 1990.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15	280.54	MAR 30	280.39

YAZOO COUNTY

325905090192202. Local number, B102.

LOCATION.--Lat 32°59'05", long 90°19'22", in SE4SW4 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, 27.34 ft below land-surface datum, Nov. 2, 1989.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 130	25.22	APR 2	23.17

325905090192201. Local number, B103.

LOCATION.--Lat 32°59'05", long 90°19'22", in SE4SW4 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, 81.0 ft above land-surface datum, Apr. 2, 1992.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	-85.0	APR 2	-81.0

GROUND-WATER LEVELS
YAZOO COUNTY--Continued

325100090250701. Local number, G006.

LOCATION.--Lat 32°51'00", long 90°25'07", in SW4NE4 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, 15.33 ft below land-surface datum, Mar. 30, 1990, lowest measured, 37.72 ft below land-surface datum, Oct. 22, 1982.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	15.67

325016090251601. Local number, G126.

LOCATION.--Lat 32°50'16", long 90°25'16", in SW4NE4 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL
APR 2	42.62

324936090423001. Local number, J128.

LOCATION.--Lat 32°49'36", long 90°42'30", in NE4SE4 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, 28.85 ft below land-surface datum, Oct. 1, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	28.85	APR 2	28.34

324354090325501. Local number, Q013.

LOCATION.--Lat 32°43'54", long 90°32'55", in center NW4 sec.7, T.10 N., R.3 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, 4 mi north of Satartia.
Owner: John Peaster.

AQUIFER.--Mississippi River Valley alluvium of Pleistocene and Holocene age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 16 in, depth 93 ft.

DATUM.--Land-surface datum is 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 1991 TO SEPTEMBER 1992

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 1	16.16	APR 2	14.79

Aquifer names corresponding to geologic units listed in the QUALITY OF GROUND WATER table 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	Catahoula Formation, Miocene
122CTHLU	Upper Catahoula Formation, Miocene
122CTHLM	Middle Catahoula Formation, Miocene
122CTHLL	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
124TLT	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 1991 TO SEPTEMBER 1992

COAHOMA COUNTY

341426090361401 J134 ALIDA HEIDELBERG

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	COLOR (PLAT-INUM-COBALT UNITS)
NOV 25...	1110	124MUWX	1028	1	8.00	1206	945	8.5	30
JAN 22...	1115	124MUWX	1028	1	8.00	1206	--	8.5	10
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)	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)
		(00915)	(00925)	(00930)	(00935)	(90410)	(00945)	(00940)	(00950)
NOV 25...		0.70	0.20	220	1.5	319	<0.20	120	0.40
JAN 22...		0.70	0.20	220	1.6	317	<0.20	120	0.40
DATE		SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)
		(00955)	(70300)	(00613)	(00631)	(00608)	(00671)	(01046)	(01056)
NOV 25...	28		560	<0.010	<0.020	0.380	0.450	520	10
JAN 22...	26		557	0.010	<0.020	0.220	0.430	140	<10

COPIAH COUNTY

315233C90082401 L027 RIVES & REYNOLDS

		AGENCY COL-LECTING SAMPLE (CODE NUMBER)		SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	
DATE	TIME	GEO-LOGIC UNIT		(00027)	(72005)	(72006)	(72008)	(00095)	(00400)	(00010)
SEP 08...	1440	122CTHL	1028	27	8.00	585.00	662	8.4	22.0	
DATE	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)	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)	
	(00080)	(00915)	(00925)	(00930)	(00935)	(90410)	(00945)	(00940)	(00950)	
SEP 08...	180	0.70	0.20	160	1.9	349	2.8	8.8	1.5	
DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
	(00955)	(70300)	(70301)	(00613)	(00631)	(00608)	(00671)	(01046)	(01056)	
SEP 08...	27	440	415	<0.010	<0.020	0.320	0.740	87	<5	

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

HANCOCK COUNTY

303425089210501 B061 SCENIC TRAILS

		AGENCY COL-LECTING SAMPLE (CODE NUMBER)		SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)
DATE	TIME	GEO-LOGIC UNIT	(00027)	(72005)	(72006)	(72008)	(00095)	(00400)	(00010)
JUN 09...	1605	122HBRG	1028	1	8.00	445.00	141	7.8	23.0
DATE	COLOR (PLAT-INUM-COBALT UNITS) (00080)	CALCIUM DIS-SOLVED (MG/L) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) (00925)	SODIUM, DIS-SOLVED (MG/L) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L) (00935)	ALKA-LINITY LAB (MG/L) (90410)	SULFATE DIS-SOLVED (MG/L) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) (00950)
JUN 09...	<5	4.2	0.80	24	2.3	56	11	3.1	0.10
DATE	SILICA, DIS-SOLVED (MG/L) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L) (00671)	IRON, DIS-SOLVED (UG/L) (01046)	MANGA-NESE, DIS-SOLVED (UG/L) (01056)
JUN 09...	49	126	129	<0.010	<0.020	0.080	0.220	53	43

HARRISON COUNTY

303046089052301 G430 W LADNER

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE LAB (STAND-ARD UNITS)
			(00027)	(72005)	(72006)	(72019)	(72008)	(00095)	(00403)
APR 16...	1038	122CTHL	1028	1	4.00	-14.80	1780	284	9.0
DATE	COLOR (PLAT-INUM-COBALT UNITS)	CALCIUM DIS-SOLVED (MG/L) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) (00925)	SODIUM, DIS-SOLVED (MG/L) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L) (00935)	ALKA-LINITY LAB (MG/L) (90410)	SULFATE DIS-SOLVED (MG/L) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) (00950)
APR 16...	10	0.20	<0.10	67	0.80	137	14	2.1	0.20
DATE	SILICA, DIS-SOLVED (MG/L) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L) (00671)	IRON, DIS-SOLVED (UG/L) (01046)	MANGA-NESE, DIS-SOLVED (UG/L) (01056)	
APR 16...	21	184	<0.010	0.020	0.320	0.280	9	<5	

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
HARRISON COUNTY--Continued

302438088531001 M734 DELS SEAWAY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	TEMPER- ATURE WATER (DEG C)	COLOR (PLAT- INUM- COBALT UNITS)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00010)	(00080)
JUN 09...	1230	122PCGL	1028	1	8.00	1160	1800	30.5	15
DATE		CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINEITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS- SOLVED (MG/L AS AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
JUN 09...	4.2	0.70	370	2.4	278	<0.20	410	0.50	
DATE		SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L AS (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
JUN 09...	15	1000	<0.010	<0.020	0.850	0.240	62	23	

HINDS COUNTY

322220090061601 H195 JACK WESTBROOK

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM- PLING CONDI- TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	PH WATER WHOLE FIELD (STAND- ARD UNITS)
			(00027)	(72005)	(72006)	(72019)	(72008)	(00095)	(00400)
SEP 09...	1255	124SPRT	1028	28	8.00	189.68	960.00	342	8.7
DATE		TEMPER- ATURE WATER (DEG C) (00010)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ALKA- LINEITY LAB (MG/L AS CACO3) (90410)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
SEP 09...	28.0	5	0.90	<0.10	80	0.80	171	7.6	1.9
DATE		FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L AS (70300)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)
SEP 09...	0.10	18	206	<0.010	<0.020	0.070	0.180	79	<5

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

HOLMES COUNTY

331328090144301 G050 SOUTHLAND FLYING SERVICE

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)
APR 24...	1115	124TLLT	1028	26	8.00	48.08	819.00	900	150

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)
APR 24...	1115	124TLLT	1028	26	8.00	48.08	819.00	900	150

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)
APR 24...	1115	124TLLT	1028	26	8.00	48.08	819.00	900	150

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)
APR 24...	1115	124TLLT	1028	26	8.00	48.08	819.00	900	150

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)
APR 24...	1115	124TLLT	1028	26	8.00	48.08	819.00	900	150

331334090144201 G051 SOUTHLAND FLYING SERVICE

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)
APR 24...	1430	124SPRT	1028	26	8.00	11.00	472.00	197	6.8	20.5

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)
APR 24...	1430	124SPRT	1028	26	8.00	11.00	472.00	197	6.8	20.5

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)
APR 24...	1430	124SPRT	1028	26	8.00	11.00	472.00	197	6.8	20.5

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)
APR 24...	1430	124SPRT	1028	26	8.00	11.00	472.00	197	6.8	20.5

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE (DEG C)
APR 24...	1430	124SPRT	1028	26	8.00	11.00	472.00	197	6.8	20.5

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY

302940088301001 M077 CLAUDE VICE

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 11...	1530	122MOCN	28003	27	8.00	264.00	810	20.0	50	48	514	<0.020

302842088313001 M129 D H HARRISON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 11...	1500	122PCGL	28003	27	8.00	253.00	707	20.5	35	41	428	<0.020

302915088302901 M155 ERNEST CROPP

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 11...	1630	121GRMF	28003	27	8.00	440.00	254	<5	9.9	156	<0.020	

302924088301001 M169 JAMES SUMRALL

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1600	121GRMF	28003	27	8.00	276.00	669	19.5	20	34	402	<0.020

302251088385401 O156 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 11...	0930	122PCGL	28003	27	8.00	760.00	40	130	538	<0.020

302452088384901 O208 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1400	122PCGL	28003	27	8.00	760.00	40	98	500	<0.020

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302230088395901 0295 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 11...	0915	122PCGL	28003	27	8.00	584.00	719	50	46	428	<0.020

302304088393601 0300 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 11...	0900	122PCGL	28003	27	8.00	596.00	675	40	46	404	<0.020

302324088391101 0307 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1330	122PCGL	28003	27	8.00	573.00	713	60	50	422	<0.020

302331088395601 0313 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1500	122PCGL	28003	27	8.00	540.00	40	190	618	<0.020

302259088375101 0314 GAUTIER UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1515	122PCGL	28003	27	8.00	847.00	910	25	140	532	<0.020

302422088321201 P054 CITY OF MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1430	122PCGL	28003	27	8.00	808.00	944	35	130	532	<0.020

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302244088325801 P068 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1100	121GRMF	28003	27	8.00	292.00	908	15	130	528	<0.020

302241088321701 P069 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1000	121GRMF	28003	27	8.00	302.00	890	30	120	526	<0.020

302221088330903 P072 PASCAGOULA ICE COMPANY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 13...	1600	121GRMF	28003	27	8.00	336.00	900	22.5	20	140	536	<0.020

302157088334901 P115 ALPO PET FOODS

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1030	121GRMF	28003	27	8.00	316.00	656	35	71	400	<0.020

302134088330803 P124 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1200	122PCGL	28003	27	8.00	801.00	1690	25	360	932	<0.020

302120088330001 P145 INGALLS SHIPYARD

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	0945	122PCGL	28003	2	8.00	805.00	2170	5	520	1180	0.020

QUALITY OF GROUND WATER

437

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302115088330404 P150 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 14...	1315	122PCGL	28003	27	8.00	785.00	1510	50	290	838	<0.020

302627088322401 P226 ECATAWPA UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 15...	1140	121GRMF	28003	27	8.00	345.00	747	30	70	426	<0.020

302645088322801 P228 JACKSON COUNTY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
FEB 10...	1430	122PCGL	28003	27	8.00	415.00	951	<5	190	524	0.370

302445088334501 P229 CITY OF MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00010)	(00080)	(00940)	(70300)	(00631)
FEB 11...	1340	122PCGL	28003	27	8.00	890.00	1180	25.5	40	210	646	0.030

302313088365401 P326 TIKI RESTAURANT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 13...	1530	121GRMF	28003	80	8.00	262.00	460	20	25	310	0.130

302323088321801 P355 CITY OF MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 15...	1345	122PCGL	28003	27	8.00	827.00	1340	45	230	746	<0.020

QUALITY OF GROUND WATER
WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302219088331001 P370 PASCAGOULA ICE COMPANY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 13...	1600	121CRNL	28003	28	8.00	180.00	400	5	57	228	<0.020

302137088334501 P372 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 14...	1330	121GRMF	28003	27	8.00	336.00	1070	20	180	594	<0.020

302644088321801 P376 ESCATAWPA UTILITIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00010)	(00080)	(00940)	(70300)	(00631)
FEB 10...	1500	121GRMF	28003	27	8.00	417.00	674	21.0	30	56	422	<0.020

302428088325101 P382 CITY OF MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00010)	(00080)	(00940)	(70300)	(00631)
JAN 15...	1400	122PCGL	28003	27	8.00	846.00	1020	26.0	35	150	562	<0.020

302340088321101 P420 MOSS POINT GLOVE COMPANY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
FEB 10...	1030	121GRMF	28003	80	322.00	1030	40	160	608	<0.020

302152088341101 P421 CONCRETE PRODUCTS COMPANY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72006)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
JAN 15...	1055	121GRMF	28003	30	8.00	300.00	643	35	56	390	0.020

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302815088254701 Q001 R I PURSER

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1700	121GRMF	28003	80	8.00	231.00	1230	20.5	80	180	742	<0.020

302524088305501 Q019 ZAPATA INCORPORATED

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	0930	122PCGL	28003	27	8.00	950.00	2080	28.0	65	420	1190	<0.020

302551088265201 Q034 ORANGE GROVE SCHOOL

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1620	122MOCN	28003	31	4.00	1253	1750	160	190	1090	<0.020	

302110088295901 Q110 NU SOUTH INDUSTRIES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1530	121GRMF	28003	27	8.00	363.00	1040	23.0	40	150	590	<0.020

302104088292701 Q137 CHEVRON USA INCORPORATED

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1430	121GRMF	28003	27	8.00	387.00	1050	23.0	50	150	604	<0.020

302548088304501 Q159 THICKOL CORPORATION

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1030	121GRMF	28003	27	8.00	231.00	732	50	86	418	<0.020

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302548088304502 Q160 THICKOL CORPORATION

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1100	121GRMF	28003	27	8.00	236.00	738	200	83	422	<0.020

302130088312901 Q180 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1425	122PCGL	28003	27	8.00	663.00	1360	55	240	746	<0.020

302128088313101 Q181 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1400	122PCGL	28003	27	8.00	682.00	1700	40	350	922	<0.020

302300088312001 Q293 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1025	121GRMF	28003	27	8.00	326.00	860	22.0	50	100	492	<0.020

302216088301101 Q395 EQUIPMENT INCORPORATED

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1330	121GRMF	28003	30	8.00	308.00	620	50	80	356	<0.020

302357088312501 Q417 CITY OF MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 15...	1330	122MOCN	28003	27	8.00	802.00	1180	40	200	654	<0.020

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

JACKSON COUNTY--Continued

302247088302901 Q420 CITY OF PASCAGOULA

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1455	121GRMF	28003	27	8.00	346.00	946	40	120	528	<0.020

302627088313701 Q434 CITY OF MOSS POINT

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	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)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
FEB 10...	1530	121GRMF	28003	27	8.00	435.00	855	23.0	70	54	530	<0.020

302345088284401 Q445 JACKSON COUNTY PORT AUTHORITY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
JAN 14...	1530	121GRMF	28003	28	8.00	279.00	1210	40	170	664	<0.020

302609088260801 Q456 JOHN HUDSON

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	
JUN 09...	0940	122PCGL	1028	1	4.00	563.00	1480	25.0	40	
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)	ALKA-LINITY LAB CACO3 (90410)	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)
JUN 09...	3.2	0.50	300	1.7	390	0.90	250	0.90	20	
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
JUN 09...		858	813	<0.010	0.030	0.600	0.280	15	7	

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

LAMAR COUNTY

311937089222201 E223 CITY OF HATTIESBURG

		GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
DATE	TIME		(00027)	(72005)	(72006)	(72019)	(72008)	(00095)	(00400)
OCT 16...	1130	122CTHLM	1028	31	8.00	110.10	790.00	195	7.4
DATE	COLOR (PLAT-INUM-COBALT UNITS) (00080)	CALCIUM DIS-SOLVED (MG/L) AS CA (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) AS MG (00925)	SODIUM, DIS-SOLVED (MG/L) AS NA (00930)	POTAS-SIUM, DIS-SOLVED (MG/L) AS K (00935)	ALKA-LINITY LAB (MG/L) AS CACO3 (90410)	SULFATE DIS-SOLVED (MG/L) AS SO4 (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) AS CL (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) AS F (00950)
OCT 16...	5	10	4.1	25	4.8	93	8.9	2.4	0.10
DATE	SILICA, DIS-SOLVED (MG/L) AS SIO2 (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) AS N (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L) AS P (00671)	IRON, DIS-SOLVED (UG/L) AS FE (01046)	MANGA-NESE, DIS-SOLVED (UG/L) AS MN (01056)
OCT 16...	11	119	123	<0.010	<0.020	0.230	0.040	120	30

LOWNDES COUNTY

333149088244601 G200 JOHN RICE III

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH OF WELL, TOTAL (FEET)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	
OCT 02...	1300	211EUTW	1028	27	8.00	315.00	7.0	20.0	30	
DATE		CALCIUM DIS-SOLVED (MG/L) AS CA (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L) AS MG (00925)	SODIUM, DIS-SOLVED (MG/L) AS NA (00930)	POTAS-SIUM, DIS-SOLVED (MG/L) AS K (00935)	ALKA-LINITY LAB (MG/L) AS CACO3 (90410)	SULFATE DIS-SOLVED (MG/L) AS SO4 (00945)	CHLO-RIDE, DIS-SOLVED (MG/L) AS CL (00940)	FLUO-RIDE, DIS-SOLVED (MG/L) AS F (00950)	SILICA, DIS-SOLVED (MG/L) AS SIO2 (00955)
OCT 02...	8.9	2.6	12	6.3	63	0.30	1.7	0.20	18	
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L) AS N (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L) AS N (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L) AS N (00608)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L) AS P (00671)	IRON, DIS-SOLVED (UG/L) AS FE (01046)	MANGA-NESE, DIS-SOLVED (UG/L) AS MN (01056)	
OCT 02...		89	90	<0.010	<0.020	0.210	0.330	1300	90	

333149088244501 G201 JOHN RICE III

[illegible]

PANOLA COUNTY--Continued

342350089472001 N046 USCE SARDIS DAM

		GEO-LOGIC UNIT		AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL	SPE-CIFIC CON-DUCT-ANCE	PH WATER WHOLE FIELD (STAND-ARD	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)
DATE	TIME			(00027)	(72005)	(72006)	(72019)	(72008)	(00095)	(00400)	(00915)	(00925)	(00930)
MAY 28...	1445	124TLLT		1028	27	0.10	71.80	325.00	32	6.2	1.9	0.66	3.2
JUN 11...	0935	124TLLT		1028	27	0.10	71.80	325.00	32	5.9	--	--	--
DATE		SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BARIIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM, DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAY 28...	14	11		<0.5	<1.0	<5	<3	<10	12	<10	<4	3	<10
JUN 11...	--	--		--	--	--	--	--	--	--	--	--	--
DATE		NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	AROCLOR 1016 PCB TOTAL (UG/L) (34671)	AROCLOR 1221 PCB TOTAL (UG/L) (39488)	AROCLOR 1232 PCB TOTAL (UG/L) (39492)	AROCLOR 1242 PCB TOTAL (UG/L) (39496)	AROCLOR 1248 PCB TOTAL (UG/L) (39500)	AROCLOR 1254 PCB TOTAL (UG/L) (39504)	AROCLOR 1260 PCB TOTAL (UG/L) (39508)
MAY 28...	<10	<1.0	9	<6	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
JUN 11...	--	--	--	--	--	--	--	--	--	--	--	--	--
DATE		ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE (UG/L) (34215)	BENZENE TOTAL (UG/L) (34030)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	BROMO-FORM TOTAL (UG/L) (32104)	N-BUTYL-BENZENE WATER WHOLE REC (UG/L) (77342)	SEC BUTYL BENZENE WATER WHOLE REC (UG/L) (77350)	CARBON-TETRA-CHLORO-RIDE TOTAL (UG/L) (32102)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L) (34576)
MAY 28...	<20	<20	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.20	<0.2	<0.2	<1.0
JUN 11...	<20	<20	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.20	<0.2	<0.2	<1.0
DATE		CHLORO-FORM TOTAL (UG/L) (32106)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	DIBROMO-CHLORO-PROPANE WATER WHOLE TOT. REC (UG/L) (82625)	1,2-DIBROMO-ETHANE WATER WHOLE TOTAL (UG/L) (77651)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34668)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI-CHLORO-ETHENE TOTAL (UG/L) (34546)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 28...	<0.2	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
JUN 11...	<0.2	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DATE		1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI-CHLORO-PRO-PANE WAT. WH TOTAL (UG/L) (77170)	1,1-DI-CHLORO-PRO-PENE, WAT. WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	ETHYL-BENZENE TOTAL (UG/L) (34371)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)
MAY 28...	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2
JUN 11...	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2

QUALITY OF GROUND WATER

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PANOLA COUNTY--Continued

342350089472001 N046 USCE SARDIS DAM--Continued

DATE	PARA- CHLORO- TOLUENE WATER, WHOLE, TOTAL (UG/L) (77277)	N- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77224)	STYRENE TOTAL (UG/L) (77128)	TERT- BUTYL BENZENE WATER WHOLE REC (UG/L) (77353)	1,1,1,2 TETRA- CHLORO- ETHANE, WAT, WH TOTAL (UG/L) (77562)	1,1,2,2 TETRA- CHLORO- ETHANE TOTAL (UG/L) (34516)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L) (34475)	TOLUENE TOTAL (UG/L) (34010)	1,2,3- TRI- CHLORO- BENZENE WAT, WH TOTAL (UG/L) (77613)	1,1,1- TRI- CHLORO- ETHANE TOTAL (UG/L) (34506)	1,1,2- TRI- CHLORO- ETHANE TOTAL (UG/L) (34511)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L) (39180)
MAY 28...	<0.2	<0.20	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.20	<0.2	<0.2	<0.2
JUN 11...	<0.2	<0.20	<0.2	<0.20	<0.2	<0.2	<0.2	<0.2	<0.20	<0.2	<0.2	<0.2
DATE	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L) (34488)	123-TRI- CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	1,2,4- TRI- METHYL BENZENE WAT, WH REC (UG/L) (77222)	1,3,5- TRI- METHYL BENZENE WAT, WH REC (UG/L) (77226)	VINYL CHLO- RIDE TOTAL (UG/L) (39175)	XYLENE TOTAL TOT REC (UG/L) (81551)	1,2-DI- CHLORO- BENZENE TOTAL (UG/L) (34536)	1,3-DI- CHLORO- BENZENE TOTAL (UG/L) (34566)	1,4-DI- CHLORO- BENZENE TOTAL (UG/L) (34571)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	NAPHTH- ALENE TOTAL (UG/L) (34696)	1,2,4- TRI- CHLORO- BENZENE TOTAL (UG/L) (34551)
MAY 28...	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
JUN 11...	<0.2	<0.2	<0.20	<0.20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

RANKIN COUNTY

321741090020501 - L077 TADLOCK

		GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	COLOR (PLAT-INUM-COBALT UNITS)	CALCIUM DIS-SOLVED (MG/L AS CA)
DATE	TIME		(00027)	(72008)	(00095)	(00400)	(00010)	(00080)	(00915)
JUN 08...	0850	123FRHL	1028	50.00	854	5.3	21.0	20	47
DATE		MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY LAB (MG/L AS CAC03) (90410)	SULFATE DIS-SOLVED (MG/L AS S04) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
	JUN 08...	22	82	7.5	10	340	27	<0.10	62
DATE		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
	JUN 08...	644	601	<0.010	<0.020	0.510	0.010	6100	240

WASHINGTON COUNTY

332536091015601 D070 ATKINS SAW COMPANY

DATE	TIME	GEO- LOGIC UNIT	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	SAMPLE SOURCE (72005)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)
DEC 04...	1330	124CKKF	28003	27	500.00	590	30	49	330	<0.020

WATER QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

WASHINGTON COUNTY--Continued

331614090590901 G257 RED LEAF PLANTATION

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72019)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
DEC 04...	1425	124CCKF	28003	26	30.00	359.00	2440	10	580	1300	<0.020

331615090590801 G258 RED LEAF PLANTATION

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72019)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
DEC 04...	1200	124CCKF	28003	26	30.40	443.00	5120	10	1400	2800	<0.020

331755090571701 H155 AQUA FARMS

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	COLOR (PLAT-INUM-COBALT UNITS)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)
			(00027)	(72005)	(72008)	(00095)	(00080)	(00940)	(70300)	(00631)
DEC 04...	1105	124SPRT	28003	27	1235	2100	110	410	1230	<0.020

WAYNE COUNTY

313310088331201 T088 LYMAN COCHRAN

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER)	SAMPLE SOURCE	SAM-PLING CONDI-TION	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DEPTH OF WELL, TOTAL (FEET)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
			(00027)	(72005)	(72006)	(72019)	(72008)	(00095)	(00400)
OCT 25...	1050	123WSBR	1028	1	4.00	-16.40	660.00	1160	8.5
DATE	TEMPER-ATURE (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)	ALKA-LINITY LAB (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)
	(00010)	(00080)	(00915)	(00925)	(00930)	(00935)	(90410)	(00945)	(00940)
OCT 25...	23.0	20	1.8	0.80	300	5.4	547	<0.20	60
DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	
	(00955)	(70300)	(00613)	(00631)	(00608)	(00671)	(01046)	(01056)	
OCT 25...	14	717	<0.010	<0.020	0.520	0.050	10	<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 1991 TO SEPTEMBER 1992

HANCOCK COUNTY

PRECIPITATION QUALITY STATION AT NSTL, MS

LOCATION.--Lat 30°21'55", long 89°37'45", in NW4SW4NW4 sec.8, T.8 S., R.16 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03180004, at the U.S. Geological Survey Hydrologic Instrumentation Facility located at Stennis Space Center.

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	SPEC. CONDUCT- TANCE LAB	PH LAB	DATE	TOTAL PRECIP- ITATION FOR	SPEC. CONDUCT- TANCE LAB	PH LAB
	DEFINED PERIOD (IN) (00193)	ATM DEP WET TOT (US/CM) (83156)	ATM DEP WET T (UNITS) (83107)		DEFINED PERIOD (IN) (00193)	ATM DEP WET TOT (US/CM) (83156)	ATM DEP WET T (UNITS) (83107)
OCT				MAR 31-			
01-01	0.00	--	--	APR 07	0.60	11.6	4.80
01-08	1.10	13.0	4.60	07-15	0.02	--	--
08-15	<0.01	--	--	15-21	2.50	8.1	5.20
15-22	<0.01	--	--	21-28	0.01	--	--
22-29	11.29	3.3	4.40	APR 28-			
OCT 29-				MAY 05	0.00	--	--
NOV 05	0.65	28.5	4.60	05-12	0.00	--	--
05-12	0.02	--	--	12-19	<0.01	--	--
12-19	<0.01	--	--	19-26	0.33	38.0	4.20
19-26	4.55	5.4	5.20	MAY 26-			
NOV 26-				JUN 02	1.05	32.5	4.20
DEC 03	0.62	14.4	4.80	02-09	2.97	9.2	4.80
03-10	0.01	--	--	09-16	1.47	20.0	4.50
10-17	0.18	8.8	4.90	16-23	<0.01	--	--
17-23	0.15	--	--	JUN 23-			
23-30	1.35	7.0	4.80	JUL 01	4.83	9.0	4.90
DEC 30-				01-07	0.68	24.5	4.60
JAN 1992				07-14	0.02	--	--
-07	0.00	--	--	14-21	1.65	9.0	4.80
07-14	5.65	7.2	4.90	21-28	2.30	14.6	4.60
14-21	2.15	6.5	4.80	JUL 28-			
21-28	3.60	9.2	4.70	AUG 04	1.34	19.0	4.50
JAN 28-				04-11	1.85	28.0	4.30
FEB 04	0.40	15.5	4.40	11-18	1.30	12.0	4.60
04-11	1.70	14.8	4.60	18-27	6.15	15.0	4.70
11-18	5.06	7.4	4.90	AUG 27-			
18-25	1.15	10.6	4.70	SEP 01	0.00	--	--
FEB 25-				01-08	0.22	--	--
MAR 03	0.01	--	--	08-15	0.37	60.0	4.00
03-10	3.75	6.8	5.00	15-21	2.35	14.0	4.60
10-17	<0.01	--	--	21-29	1.65	11.0	4.70
17-24	1.55	15.5	4.70	29-30	0.00	--	--
24-31	0.22	20.0	4.70				

QUALITY OF PRECIPITATION

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PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

HANCOCK COUNTY--Continued

PRECIPITATION QUALITY STATION AT NSTL, MS--Continued

DATE	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG- NESIUM ATM DEP WET DIS (MG/L) (83002)	SODIUM ATM DEP WET DIS (MG/L) (83138)	POTAS- SIUM ATM DEP WET DIS (MG/L) (83120)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	CHLO- RIDE ATM DEP WET DIS (MG/L) (82944)	NI- TROGEN NITRATE ATM DEP WET DIS AS N (MG/L) (83068)	NI- TROGEN AMMON. ATM DEP WET DIS AS N (MG/L) (83044)
OCT								
01-08	0.090	0.030	0.640	0.040	0.78	0.48	0.20	0.050
OCT								
22-29	0.040	0.020	0.160	0.030	0.27	0.25	0.02	0.020
OCT 29-								
NOV 05	0.160	0.280	2.40	0.140	1.40	4.20	0.21	0.050
NOV								
19-26	0.050	0.030	0.270	0.140	0.48	0.40	0.04	0.040
NOV 26-								
DEC 03	0.100	0.100	0.890	0.060	0.86	1.40	0.13	0.050
DEC								
10-17	0.090	0.030	0.290	0.090	0.71	0.34	0.10	0.040
DEC								
23-30	0.030	0.010	0.040	0.020	0.66	<0.10	0.05	0.040
JAN								
07-14	0.040	0.040	0.310	0.020	0.53	0.41	0.07	0.050
JAN								
14-21	0.040	<0.010	0.010	0.010	0.59	0.02	0.06	0.010
JAN								
21-28	0.040	0.010	0.130	0.020	0.79	0.20	0.10	0.040
JAN 28-								
FEB 04	0.040	0.010	0.110	0.030	1.40	0.18	0.14	0.020
FEB								
04-11	0.080	0.030	0.340	0.040	1.30	0.52	0.12	0.080
FEB								
11-18	0.070	0.020	0.130	0.030	0.75	0.19	0.09	0.080
FEB								
18-25	0.070	0.030	0.200	0.030	0.87	0.32	0.13	0.060
MAR								
03-10	0.090	0.030	0.200	0.030	0.70	0.24	0.08	0.080
MAR								
17-24	0.250	0.040	0.520	0.050	1.40	0.99	0.20	0.120
MAR								
24-31	0.390	0.110	0.900	0.060	1.30	1.60	0.36	0.080
MAR 31-								
APR 07	0.060	0.020	0.420	0.030	0.77	0.74	0.13	0.050
APR								
15-21	0.060	0.030	0.480	0.030	0.53	0.83	0.07	0.100
MAY								
19-26	0.170	<0.010	0.180	0.040	2.80	0.49	0.59	0.380
MAY 26-								
JUN 02	0.130	<0.010	0.220	0.050	2.60	0.35	0.46	0.360
JUN								
02-09	0.040	<0.010	0.250	0.030	0.76	0.38	0.12	0.080
JUN								
09-16	0.090	<0.010	0.140	0.040	1.50	0.22	0.33	0.200
JUN 23-								
JUL 01	0.040	<0.010	0.180	0.020	0.54	0.45	0.12	0.060
JUL								
01-07	0.250	0.150	1.30	0.070	1.40	2.30	0.27	0.120
JUL								
14-21	0.060	<0.010	0.210	0.030	0.52	0.39	0.11	0.020
JUL								
21-28	0.050	0.010	0.280	0.030	0.66	0.61	0.21	0.030
JUL 28-								
AUG 04	0.360	0.030	0.200	0.120	1.90	0.32	0.33	0.140
AUG								
04-11	0.120	0.020	0.140	0.030	2.00	0.24	0.47	0.180
AUG								
11-18	0.050	<0.010	0.100	0.020	0.87	0.18	0.19	0.025
AUG								
18-27	0.070	0.080	0.790	0.040	1.00	1.30	0.10	0.030
SEP								
08-15	0.210	0.040	0.350	0.070	4.50	0.76	0.59	0.140
SEP								
15-21	0.050	<0.010	0.140	0.020	1.20	0.28	0.20	0.180
SEP								
21-29	0.040	<0.010	0.140	0.010	1.00	0.13	0.09	0.050

QUALITY OF PRECIPITATION
PRECIPITATION QUALITY DATA, OCTOBER 1991 TO OCTOBER 1992
HANCOCK COUNTY--Continued

PRECIPITATION QUALITY STATION AT KILN, MS

LOCATION.--30°22'28", long 89°26'46", in SW4NE4SE4 sec.1, T.8 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, at Hancock County High School at Stennis International Airport.

PERIOD OF RECORD.--Water years 1991 to October 1992 (discontinued).

INSTRUMENTATION.--Automatic sensing wet-dry precipitation collector and universal recording rain gage from April 1991 to October 1992.

REMARKS.--Sample preparation and field measurements by local observer.

DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)	PH LAB ATM DEP WET T (UNITS) (83107)	DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)	PH LAB ATM DEP WET T (UNITS) (83107)
OCT 1991				MAR 31-			
01-01	0.05	13.2	4.60	APR 07	0.75	12.9	4.80
01-08	0.02	--	--	07-15	0.01	--	--
08-15	<0.01	--	--	15-21	1.40	16.5	4.90
15-22	<0.01	--	--	21-28	0.04	--	--
22-29	5.29	12.0	4.50	APR 28-			
OCT 29-				MAY 05	0.00	--	--
NOV 05	0.22	20.0	4.70	05-12	0.00	--	--
05-12	0.01	--	--	12-19	0.00	--	--
12-19	<0.01	--	--	19-26	0.08	--	--
19-26	2.00	5.0	5.50	MAY 26-			
NOV 26-				JUN 02	1.39	32.5	4.20
DEC 03	0.53	12.8	4.90	02-09	2.69	10.6	4.80
03-10	0.05	--	--	09-16	1.30	21.0	4.50
10-17	0.15	14.4	4.80	16-23	0.07	--	--
17-23	0.75	5.4	5.10	JUN 23-			
23-30	1.70	8.2	4.80	JUL 01	4.00	10.0	4.80
DEC 30-				01-07	0.95	12.4	4.90
JAN 1992				07-14	0.45	39.0	4.20
-07	0.00	--	--	14-21	2.05	17.5	4.60
07-14	6.25	7.8	4.90	21-28	2.65	11.8	4.70
14-21	2.05	8.0	4.70	JUL 28-			
21-28	3.20	10.6	4.60	AUG 04	0.39	32.0	4.20
JAN 28-				04-11	0.75	33.0	4.20
FEB 04	0.42	17.5	4.40	11-18	2.75	18.0	4.40
04-12	1.65	15.5	4.50	18-27	3.45	24.0	4.50
12-18	4.70	8.1	4.80	AUG 27-			
18-25	1.77	14.8	4.50	SEP 01	<0.01	--	--
FEB 25-				01-08	0.02	--	--
MAR 03	<0.01	--	--	08-15	0.02	--	--
03-10	3.85	8.0	4.90	15-21	3.30	20.0	4.50
10-18	<0.01	--	--	21-29	0.97	15.0	4.60
18-24	1.65	14.0	4.70	SEP 29-			
24-31	0.22	17.5	4.70	OCT 06	0.02	--	--
				06-13	0.25	16.0	4.60

PRECIPITATION QUALITY DATA, OCTOBER 1991 TO OCTOBER 1992

HANCOCK COUNTY--Continued

PRECIPITATION QUALITY STATION AT KILN, MS--Continued

DATE	CALCIUM	MAG-	SODIUM	POTAS-	SULFATE	CHLO-	NI-	NI-
	ATM DEP	NESIUM	ATM DEP	SIUM	ATM DEP	RIDE	TROGEN	TROGEN
	WET DIS (MG/L) (82932)	ATM DEP WET DIS (MG/L) (83002)	ATM DEP WET DIS (MG/L) (83138)	ATM DEP WET DIS (MG/L) (83120)	ATM DEP WET DIS AS SO4 (MG/L) (83160)	ATM DEP WET DIS (MG/L) (82944)	ATM DEP WET DIS AS N (MG/L) (83068)	ATM DEP WET DIS AS N (MG/L) (83044)
OCT								
01-01	0.060	0.020	0.180	0.030	0.93	0.26	0.16	0.060
OCT								
22-29	0.060	0.080	0.690	0.070	0.65	1.00	0.10	0.030
OCT 29-								
NOV 05	0.170	0.170	1.50	0.090	1.30	2.60	0.17	0.080
NOV								
19-26	0.040	0.040	0.410	0.380	0.22	0.51	<0.02	0.020
NOV 26-								
DEC 03	0.110	0.100	0.880	0.120	0.78	1.50	0.11	0.050
DEC								
10-17	0.080	0.060	0.580	0.100	1.10	0.79	0.14	0.030
DEC								
17-23	0.040	0.020	0.230	0.030	0.44	0.30	0.03	0.020
DEC								
23-30	0.030	0.010	0.040	0.010	0.72	<0.10	0.06	0.030
JAN								
07-14	0.060	0.040	0.340	0.030	0.59	0.56	0.07	0.040
JAN								
14-21	0.030	<0.010	0.010	<0.010	0.76	0.02	0.07	0.020
JAN								
21-28	0.040	0.020	0.150	0.010	0.90	0.24	0.10	0.050
JAN 28-								
FEB 04	0.050	0.020	0.120	0.020	1.50	0.21	0.16	0.040
FEB								
04-12	0.090	0.030	0.400	0.040	1.50	0.62	0.12	0.080
FEB								
12-18	0.070	0.020	0.140	0.030	0.81	0.21	0.09	0.090
FEB								
18-25	0.070	0.020	0.170	0.030	1.40	0.30	0.13	0.090
MAR								
03-10	0.090	0.030	0.220	0.030	0.79	0.33	0.08	0.080
MAR								
18-24	0.140	0.040	0.570	0.040	1.10	1.00	0.16	0.100
MAR								
24-31	0.230	0.080	0.740	0.070	1.10	1.30	0.27	0.070
MAR 31-								
APR 07	0.060	0.040	0.570	0.030	0.85	1.00	0.12	0.070
APR								
15-21	0.100	0.120	1.20	0.050	0.97	2.20	0.12	0.090
MAY 26-								
JUN 02	0.080	<0.010	0.150	0.030	2.60	0.33	0.40	0.290
JUN								
02-09	0.060	0.020	0.280	0.030	0.79	0.45	0.15	0.100
JUN								
09-16	0.080	<0.010	0.100	0.090	2.00	0.21	0.32	0.290
JUN 23-								
JUL 01	0.040	<0.010	0.160	0.010	0.63	0.31	0.15	0.070
JUL								
01-07	0.110	0.070	0.740	0.030	0.79	1.10	0.12	0.050
JUL								
07-14	0.320	0.060	0.450	0.090	2.90	0.89	0.58	0.130
JUL								
14-21	0.140	0.040	0.490	0.030	1.00	0.92	0.27	0.060
JUL								
21-28	0.080	0.010	0.250	0.040	0.61	0.55	0.18	0.010
JUL 28-								
AUG 04	0.340	0.060	0.380	0.060	2.40	0.74	0.52	0.120
AUG								
04-11	0.130	0.020	0.180	0.040	2.00	0.41	0.62	0.200
AUG								
11-18	0.040	0.010	0.160	0.020	1.40	0.29	0.18	0.050
AUG								
18-27	0.100	0.160	1.40	0.060	1.70	2.30	0.14	0.045
SEP								
15-21	0.050	<0.010	0.150	0.020	1.40	0.25	0.31	0.230
SEP								
21-29	0.030	<0.010	0.200	0.020	1.20	0.25	0.10	0.040
OCT								
06-13	0.150	0.020	0.260	0.070	1.50	0.43	0.19	0.160

QUALITY OF PRECIPITATION

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PERRY COUNTY

PRECIPITATION QUALITY STATION NEAR JANICE, MS

LOCATION.--Lat 31°01'52", long 88°59'09", in NW4NW4SE4 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, 3.4 mi 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) (00193)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)	PH LAB ATM DEP WET T (UNITS) (83107)	DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	SPEC. CONDUCT- TANCE LAB ATM DEP WET TOT (US/CM) (83156)	PH LAB ATM DEP WET T (UNITS) (83107)
OCT				MAR 31-			
01-01	0.00	--	--	APR 07	0.35	11.8	4.80
01-08	0.20	--	--	07-14	0.05	--	--
08-15	0.00	--	--	14-21	6.00	7.5	5.10
15-22	0.00	--	--	21-28	0.25	24.0	4.50
22-29	2.20	--	--	APR 28-			
OCT 29-				MAY 05	<0.01	--	--
NOV 05	0.22	--	--	05-12	<0.01	--	--
05-12	0.00	--	--	12-19	0.00	--	--
12-19	0.08	--	--	19-26	0.30	27.5	6.50
19-26	4.15	--	--	MAY 26-			
NOV 26-				JUN 02	1.45	15.0	4.60
DEC 03	0.70	--	--	02-09	0.95	14.2	4.70
03-10	0.43	--	--	09-16	--	17.5	4.60
10-17	0.88	5.2	5.20	16-23	0.00	--	--
17-24	0.00	--	--	23-30	1.20	18.0	4.50
24-31	2.80	6.6	4.90	JUN 30-			
DEC 31-				JUL 07	0.00	--	--
JAN 1992				07-14	0.00	--	--
-07	0.00	--	--	14-21	2.50	22.5	4.40
07-14	4.70	6.8	5.00	21-28	2.20	17.0	4.50
14-21	2.45	4.4	5.00	JUL 28-			
21-28	3.17	6.4	6.10	AUG 04	1.20	13.0	6.20
JAN 28-				04-11	1.10	20.0	4.40
FEB 03	0.40	--	--	11-18	0.00	--	--
03-11	2.00	8.8	6.10	18-25	1.50	50.0	4.00
11-18	3.60	8.8	4.80	AUG 25-			
18-25	0.80	14.4	4.60	SEP 01	3.20	16.0	4.60
FEB 25-				01-08	0.72	28.0	4.20
MAR 03	0.00	--	--	08-15	1.90	28.0	4.30
03-10	1.98	10.4	4.90	15-22	0.90	6.2	5.00
10-17	<0.01	--	--	22-29	0.90	18.0	6.80
17-24	1.35	18.0	4.60	29-30	0.00	--	--
24-31	0.20	--	--				

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

PERRY COUNTY--Continued

PRECIPITATION QUALITY STATION NEAR JANICE, MS--Continued

DATE	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG- NESIUM ATM DEP WET DIS (MG/L) (83002)	SODIUM ATM DEP WET DIS (MG/L) (83138)	POTAS- SIUM ATM DEP WET DIS (MG/L) (83120)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	CHLO- RIDE ATM DEP WET DIS (MG/L) (82944)	NI- TROGEN NITRATE ATM DEP WET DIS AS N (MG/L) (83068)	NI- TROGEN AMMON. ATM DEP WET DIS AS N (MG/L) (83044)
NOV								
19-26	0.150	0.100	0.570	1.10	1.30	0.82	0.06	2.70
NOV 26-								
DEC 03	0.300	0.490	2.10	2.80	3.80	3.30	0.25	1.30
DEC								
10-17	0.070	0.030	0.170	0.050	0.50	0.21	0.06	0.020
DEC								
24-31	0.040	0.010	0.050	0.010	0.60	<0.10	0.05	0.030
JAN								
07-14	0.050	0.020	0.120	0.070	0.67	0.18	0.05	0.040
JAN								
14-21	0.090	0.010	0.020	0.020	0.44	0.02	0.05	0.060
JAN								
21-28	0.060	0.020	0.130	0.300	0.82	0.15	0.07	0.300
FEB								
03-11	0.160	0.030	0.220	0.200	1.30	0.32	0.13	0.470
FEB								
11-18	0.050	0.020	0.160	0.020	0.84	0.22	0.10	0.080
FEB								
18-25	0.060	0.010	0.110	0.590	1.20	0.44	0.16	0.040
MAR								
03-10	0.150	0.050	0.320	0.300	1.10	0.49	0.11	0.070
MAR								
17-24	0.170	0.050	0.640	0.210	1.60	1.10	0.18	0.120
MAR 31-								
APR 07	0.080	<0.010	0.240	0.100	1.20	0.40	0.14	0.150
APR								
14-21	0.030	<0.010	0.170	0.020	0.65	0.30	0.07	0.110
APR								
21-28	0.160	0.020	0.310	0.360	2.60	0.38	0.45	0.480
MAY								
19-26	0.120	0.070	0.220	1.20	3.60	0.35	0.58	2.10
MAY 26-								
JUN 02	0.030	<0.010	0.190	0.620	1.20	0.24	0.22	0.080
JUN								
02-09	0.050	<0.010	0.230	0.370	1.40	0.37	0.18	0.100
JUN								
09-16	0.120	<0.010	0.260	0.420	1.70	0.20	0.24	0.170
JUN								
23-30	0.040	<0.010	0.200	0.050	1.40	0.28	0.21	0.110
JUL								
14-21	0.090	0.020	0.260	0.040	1.60	0.40	0.27	0.010
JUL								
21-28	0.030	<0.010	0.090	0.030	1.40	0.15	0.14	<0.010
JUL 28-								
AUG 04	0.080	0.050	0.240	0.460	1.60	0.30	0.28	0.820
AUG								
04-11	0.080	<0.010	0.100	0.060	1.80	0.21	0.28	0.200
AUG								
18-25	0.120	0.030	0.170	0.270	5.20	0.27	0.47	0.250
AUG 25-								
SEP 01	0.080	0.090	0.800	0.050	1.30	1.20	0.14	0.035
SEP								
01-08	0.090	0.040	0.410	0.070	2.10	0.57	0.36	0.040
SEP								
08-15	0.050	<0.010	0.160	0.260	2.60	0.21	0.20	0.040
SEP								
15-22	0.090	<0.010	0.100	0.080	0.63	0.13	0.04	0.050
SEP								
22-29	0.100	0.070	0.240	--	1.20	0.20	0.13	1.30

QUALITY OF PRECIPITATION

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

WILKINSON COUNTY

PRECIPITATION QUALITY STATION NEAR ROSETTA, MS

LOCATION.--Lat 31°17'34", long 91°08'11", in SE4NW4SW4 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) (00193)	SPEC. CONduc- TANCE LAB ATM DEP WET TOT (US/CM) (83156)	PH LAB ATM DEP WET T (UNITS) (83107)	DATE	TOTAL PRECIP- ITATION FOR DEFINED PERIOD (IN) (00193)	SPEC. CONduc- TANCE LAB ATM DEP WET TOT (US/CM) (83156)	PH LAB ATM DEP WET T (UNITS) (83107)
OCT				MAR 31-			
01-02	0.00	--	--	APR 07	0.35	15.0	4.80
02-08	0.00	--	--	07-14	0.68	28.5	4.30
08-16	0.00	--	--	14-21	--	10.0	5.10
16-23	0.00	--	--	21-28	--	--	--
23-29	3.06	19.5	4.50	APR 28-			
OCT 29-				MAY 05	0.07	--	--
NOV 05	0.75	--	--	05-12	0.33	11.4	5.10
05-13	0.05	--	--	12-19	0.00	--	--
13-19	0.00	--	--	19-26	1.05	44.5	4.10
19-26	2.25	8.6	5.00	MAY 26-			
NOV 26-				JUN 02	1.65	17.5	4.50
DEC 03	5.10	7.6	5.10	02-09	1.65	16.5	4.60
03-11	0.30	10.0	4.90	09-16	1.20	14.0	4.70
11-17	2.25	12.4	4.70	16-23	0.33	33.0	4.20
17-24	0.30	11.8	5.10	23-30	2.75	11.6	4.70
24-31	0.08	--	--	JUN 30-			
DEC 31-				JUL 07	0.00	--	--
JAN 1992				07-14	0.00	--	--
-07	0.00	--	--	14-21	1.15	11.8	4.80
07-14	2.00	11.2	4.70	21-28	0.30	38.0	4.20
14-22	3.13	5.8	4.90	JUL 28-			
22-28	1.26	7.6	4.80	AUG 04	1.65	12.0	4.60
JAN 28-				04-11	0.55	22.0	4.40
FEB 05	2.85	5.2	4.70	11-18	0.35	29.0	4.20
05-11	0.05	--	--	18-25	0.20	10.0	4.80
11-18	2.85	13.2	4.60	AUG 25-			
18-25	0.85	10.4	4.70	SEP 01	5.90	4.4	5.10
FEB 25-				01-08	1.00	16.0	4.80
MAR 03	0.00	--	--	08-15	0.00	--	--
03-10	--	11.4	4.70	15-22	1.60	16.0	5.20
10-24	--	7.6	4.60	22-29	0.00	--	--
24-31	0.35	27.0	4.40	29-30	0.00	--	--

QUALITY OF PRECIPITATION

455

PRECIPITATION QUALITY DATA, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

WILKINSON COUNTY--Continued

PRECIPITATION QUALITY STATION NEAR ROSETTA, MS--Continued

DATE	CALCIUM ATM DEP WET DIS (MG/L) (82932)	MAG- NESIUM ATM DEP WET DIS (MG/L) (83002)	SODIUM ATM DEP WET DIS (MG/L) (83138)	POTAS- SIUM ATM DEP WET DIS (MG/L) (83120)	SULFATE ATM DEP WET DIS AS SO4 (MG/L) (83160)	CHLO- RIDE ATM DEP WET DIS (MG/L) (82944)	NI- TROGEN NITRATE ATM DEP WET DIS AS N (MG/L) (83068)	NI- TROGEN AMMON. ATM DEP WET DIS AS N (MG/L) (83044)
OCT 23-29	0.100	0.100	0.970	0.070	1.30	1.40	0.21	0.070
NOV 19-26	0.080	0.030	0.270	0.090	0.96	0.46	0.08	0.130
NOV 26- DEC 03	0.050	0.040	0.310	0.030	0.81	0.43	0.06	0.120
DEC 03-11	0.130	0.040	0.310	0.080	0.88	0.41	0.13	0.050
DEC 11-17	0.080	0.030	0.330	0.100	1.20	0.40	0.07	0.070
DEC 17-24	0.180	0.110	0.790	0.130	0.96	1.10	0.13	0.050
JAN 07-14	0.050	0.010	0.110	0.030	0.92	0.16	0.10	0.070
JAN 14-22	0.040	0.010	0.090	0.020	0.43	0.12	0.08	0.030
JAN 22-28	0.060	0.010	0.090	0.020	0.61	0.13	0.09	0.040
JAN 28- FEB 05	0.060	<0.010	0.040	0.030	0.85	0.06	0.11	0.080
FEB 11-18	0.080	0.030	0.230	0.030	1.40	0.34	0.16	0.140
FEB 18-25	0.080	0.010	0.090	0.020	0.86	0.14	0.16	0.060
MAR 03-10	0.110	0.030	0.240	0.230	0.82	0.48	0.21	0.070
MAR 10-24	0.110	<0.010	0.220	0.120	0.95	0.36	0.08	0.060
MAR 24-31	0.400	0.080	0.740	0.110	2.70	1.10	0.36	0.260
MAR 31- APR 07	0.430	0.040	0.160	0.070	2.00	0.26	0.30	0.230
APR 07-14	0.200	0.020	0.380	0.070	2.80	0.56	0.37	0.360
APR 14-21	0.150	0.010	0.280	0.060	1.20	0.41	0.16	0.220
MAY 05-12	0.110	<0.010	0.270	0.090	1.30	0.38	0.25	0.410
MAY 19-26	0.130	<0.010	0.200	0.050	3.70	0.28	0.52	0.390
MAY 26- JUN 02	0.030	<0.010	0.070	0.030	1.30	0.11	0.24	0.130
JUN 02-09	0.070	<0.010	0.110	0.030	1.40	0.18	0.24	0.150
JUN 09-16	0.060	<0.010	0.170	0.030	1.10	0.13	0.20	0.080
JUN 16-23	0.240	0.030	0.970	0.070	2.10	0.60	0.74	0.010
JUN 23-30	0.070	<0.010	0.190	0.030	0.92	0.29	0.18	0.110
JUL 14-21	0.100	0.020	0.340	0.050	0.56	0.52	0.24	0.030
JUL 21-28	0.290	0.060	0.590	0.120	2.20	0.78	0.71	0.040
JUL 28- AUG 04	0.080	<0.010	0.100	0.030	0.89	0.14	0.21	0.020
AUG 04-11	0.150	0.020	0.200	0.080	2.00	0.21	0.38	0.230
AUG 11-18	0.150	0.030	0.160	0.040	2.80	0.21	0.25	0.065
AUG 18-25	0.160	0.030	0.210	0.070	0.91	0.26	0.21	0.045
AUG 25- SEP 01	0.040	0.010	0.110	0.040	0.41	0.17	0.04	<0.002
SEP 01-08	0.170	0.060	0.350	0.250	2.40	0.34	0.26	0.460
SEP 15-22	0.180	0.050	0.430	0.330	2.40	0.52	0.32	0.600

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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	millimeters (mm)
	2.54×10^{-2}	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	square meters (m ²)
	4.047×10^{-1}	square hectometers (hm ²)
	4.047×10^{-3}	square kilometers (km ²)
square miles (mi ²)	2.590×10^0	square kilometers (km ²)
<i>Volume</i>		
gallons (gal)	3.785×10^0	liters (L)
	3.785×10^0	cubic decimeters (dm ³)
	3.785×10^{-3}	cubic meters (m ³)
million gallons	3.785×10^3	cubic meters (m ³)
	3.785×10^{-3}	cubic hectometers (hm ³)
cubic feet (ft ³)	2.832×10^1	cubic decimeters (dm ³)
	2.832×10^{-2}	cubic meters (m ³)
cfs-days	2.447×10^3	cubic meters (m ³)
	2.447×10^{-3}	cubic hectometers (hm ³)
acre-feet (acre-ft)	1.233×10^3	cubic meters (m ³)
	1.233×10^{-3}	cubic hectometers (hm ³)
	1.233×10^{-6}	cubic kilometers (km ³)
<i>Flow</i>		
cubic feet per second (ft ³ /s)	2.832×10^1	liters per second (L/s)
	2.832×10^1	cubic decimeters per second (dm ³ /s)
	2.832×10^{-2}	cubic meters per second (m ³ /s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm ³ /s)
	6.309×10^{-5}	cubic meters per second (m ³ /s)
million gallons per day	4.381×10^1	cubic decimeters per second (dm ³ /s)
	4.381×10^{-2}	cubic meters per second (m ³ /s)
<i>Mass</i>		
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons

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