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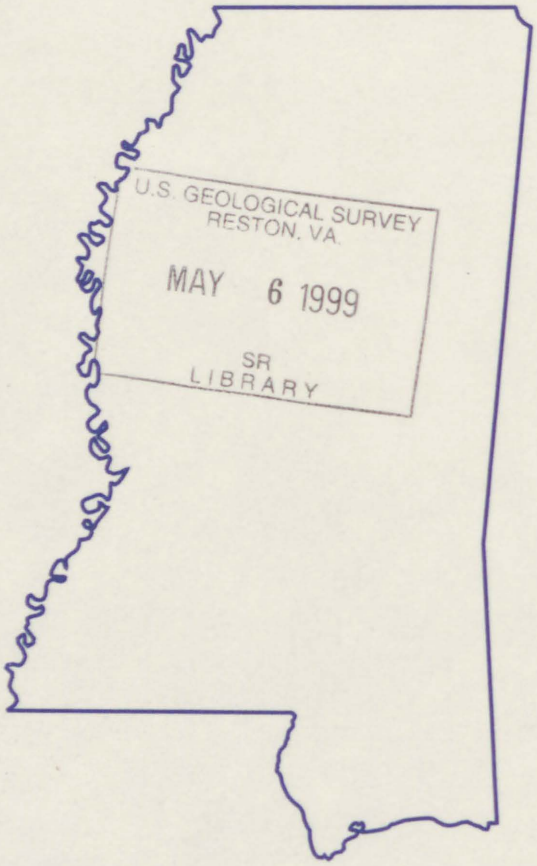
Water Resources Data
Mississippi
Water Year 1996



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U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-96-1
Prepared in cooperation with the Mississippi Department of Environmental Quality and with other State, county, municipal, and Federal agencies

CALENDAR FOR WATER YEAR 1996

1995

OCTOBER

S	M	T	W	T	F	S
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1996

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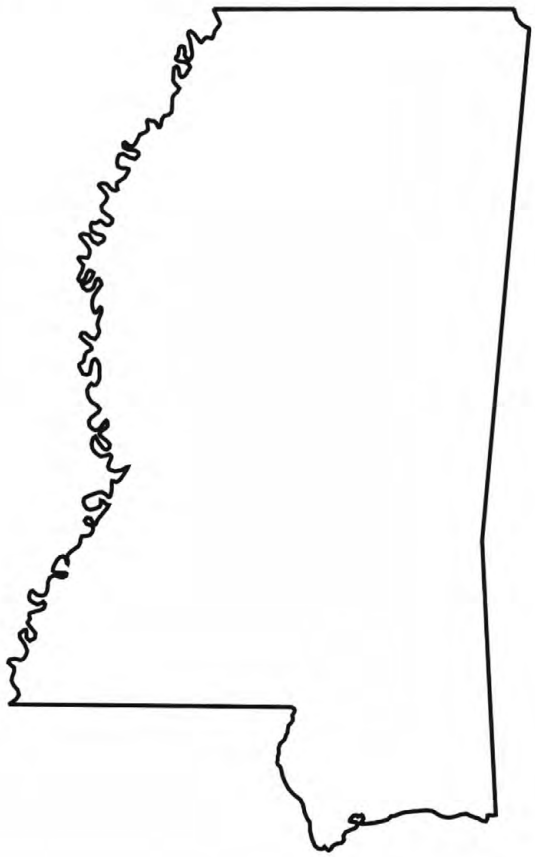
Water Resources Data Mississippi Water Year 1996

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



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT MS-96-1
Prepared in cooperation with the Mississippi Department of Environmental Quality and with other State, county, municipal, and Federal agencies

U.S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY

Gordon P. Eaton, Director

For information on
the water program in Mississippi
write to:

District Chief, Water Resources Division
U.S. Geological Survey
308 South Airport Road
Pearl, Mississippi 39208-6649

1997

PREFACE

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

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

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This report was prepared in cooperation with the State of Mississippi and with other agencies under the general supervision of Leonard R. Frost, Jr., District Chief, Mississippi.

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY *(Leave blank)*	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	April 1997	Annual--Oct. 1, 1995 to Sept. 30, 1996

4. TITLE AND SUBTITLE
Water Resources Data, Mississippi, Water Year 1996

5. FUNDING NUMBERS

6. AUTHOR(S)
M.L. Plunkett, F. Morris III, W.T. Oakley, D.P. Turnipseed

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
U.S. Geological Survey, Water Resources Division
308 South Airport Road
Pearl, Mississippi 39208-6649

8. PERFORMING ORGANIZATION REPORT NUMBER
USGS-WDR-MS-96-1

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)
U.S. Geological Survey, Water Resources Division
308 South Airport Road
Pearl, Mississippi 39208-6649

10. SPONSORING / MONITORING AGENCY REPORT NUMBER
USGS-WDR-MS-96-1

11. SUPPLEMENTARY NOTES
Prepared in cooperation with the State of Mississippi and with other agencies.

12a. DISTRIBUTION / AVAILABILITY STATEMENT
No restrictions on distribution. This report may be purchased from:
National Technical Information Service, Springfield, VA 22161

12b. DISTRIBUTION CODE

13. ABSTRACT *(Maximum 200 words)*

Water resources data for the 1996 water year for Mississippi consist of records of surface water and ground water in the State. Specifically, it contains: (1) Discharge records for 88 streamflow-gaging stations, stage records for 19 of these gaging stations, discharge records for 66 partial-record or miscellaneous streamflow stations, including 7 flood hydrograph partial-record stations, 53 crest-stage partial-record stations, and 6 special study and miscellaneous sites; (2) stage only at 4 gaging stations; (3) water-quality records for 21 streamflow-gaging stations, 1 ungaged stream site, 2 partial-record or miscellaneous sites, 64 short-term study sites, and 26 wells; and (4) water-level records for 46 observation wells. Records obtained from water-resources investigations are also included in special sections of the report. These data represent that part of the National Water Data System operated by the U.S. Geological Survey, and cooperating local, State, and Federal agencies in Mississippi.

14. SUBJECT TERMS
*Mississippi, *Hydrologic data, *Surface water, *Ground water, Water quality, Flow rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water analyses, Water levels.

15. NUMBER OF PAGES
334

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
Unclassified	Unclassified	Unclassified	

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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]

	Station number	Page
SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS		
MOBILE RIVER BASIN		
Big Brown Creek (head of Tombigbee River) near Booneville (d)	02429900	30
Mackeys Creek:		
Pollard Mill Branch at Paden (d)	02429980	31
Red Bud Creek near Moores Mill (d)	02430085	32
Tombigbee River near Marietta (d,s)	02430500	33
Mud Creek near Fairview (d)	02430615	35
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Bouie Creek near Hattiesburg (d)	02472500	59
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TENNESSEE RIVER BASIN		
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YAZOO RIVER BASIN		
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Abiaca Creek near Seven Pines (d,c,s,f)	07287150	152
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QUALITY OF GROUND-WATER

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DISCONTINUED SURFACE-WATER DISCHARGE OR STAGE-ONLY STATIONS

The following continuous-record surface-water discharge or stage-only stations (gage stations) in the Mississippi District have been discontinued. Daily streamflow or stage records were collected and published for the period of record, expressed in water years, shown for each station. Those stations with an asterisk (*) after the station number are currently operated as crest-stage or flood hydrograph partial-record stations. Discontinued project stations with less than 3 years of record have not been included. Information regarding these stations may be obtained from the District Office at the address given on the back side of the title page of this report.

[Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage only)]

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi^2)	Period of record
MOBILE RIVER BASIN			
Little Brown Cr near New Site, MS (d)	02429949	42.2	1973-89
Mackeys Cr near Dennis, MS (d)	02430000	66.9	1938-80
Mackeys Cr near Moores Mill (d,e)	02430100	118.0	1984-95
Mackeys Cr Bl Bay Springs Lock and Dam, MS (d)	02430012	68.2	1980-83
Rock Cr near Belmont, MS (d)	02430038	9.0	1975-80
Tombigbee R at Beans Ferry near Fulton, MS (d)	02431500	706.0	1937-47
Bull Mountain Cr near Smithville, MS (d)	02433000	336.0	1941-84 1986-87
Burkett Cr at Amory, MS (d)	02433530	6.6	1964-67
Town Cr at Tupelo, MS (d)	02434000*	111.0	1944-46 1952-71
Tishomingo Cr near Saltillo, MS (d)	02434250	30.1	1949-63
Euclautubba Cr at Saltillo, MS (d)	02434500	19.1	1952-67
Town Cr near Verona, MS (d)	02435500	271.0	1944-47
Chiwapa Cr at Shannon, MS (d)	02436000*	145.0	1952-67
Tombigbee R near Amory, MS (d)	02437000*	928.0	1938-85
Tombigbee R at Aberdeen, MS (d)	02437500	2171.0	1928-58 1972-82
James Cr at Aberdeen, MS (d)	02437600*	28.4	1964-68
Buttahatchee R near Caledonia, MS (d)	02439500	831.0	1928-32
Chuquatonchee Cr near Okalona, MS (d)	02439980*	66.7	1963-68
Chuquatonchee Cr near Egypt, MS (d)	02440000*	167.0	1952-73
Houlka Cr near McCondy, MS (d)	02440400*	189.0	1963-68
Chuquatonchee Cr near West Point, MS (d)	02440500*	505.0	1944-73
Tibbee Cr near Tibbee, MS (d)	02441000*	926.0	1929-30 1940-88
Catalpa Cr at Mayhew, MS (d)	02441300*	98.0	1963-68
Luxapallila Cr at Steens, MS (d)	02443000*	309.0	1944-47
Cedar Cr near Trinity, MS (d)	02443710	11.5	1980-82
Noxubee R near Brooksville, MS (d)	02447500	446.0	1940-42
PASCAGOULA RIVER BASIN			
Oakohay Cr at Mize, MS (d)	02471500*	185.0	1944-49
Tallahattah Cr near Waldrup, MS (d)	02473480*	30.4	1965-70
Tallahoma Cr near Laurel, MS (d)	02474000	139.0	1941-48
Leaf R at Beaumont, MS (e)	02474740	3010.0	1972-76
Okatibbee Cr near Meridian, MS (d)	02476000	236.0	1939-74
Chickasawhay R near Waynesboro, MS (d)	02477500	1650.0	1939-50
Buckatunna Cr at Denham, MS (d)	02478000	506.0	1939-49
Flint Cr near Wiggins, MS (d)	02479200	24.9	1957-68
Bluff Cr near Vancleave, MS (d)	02480250	52.0	1974-79
TCHOUTACABOUFFA RIVER BASIN			
Tuxachanie Cr near Biloxi, MS (d)	02480500*	92.4	1953-71
WOLF RIVER BASIN			
Wolf River Lyman, MS (d)	02481500	253.0	1945-48
JOURDAN RIVER BASIN			
Catahoula Cr near Santa Rosa, MS (d)	02481570	155.0	1962-66

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi^2)	Period of record
PEARL RIVER BASIN			
Lobutcha Cr near Carthage, MS (d)	02482500	309.0	1937-60
Pearl River at Coal Bluff near Ratliff (e)	02484630	2595.0	1981-95
Pearl R at Meeks Bridge near Canton, MS (d)	02485000	2755.0	1939-63
Pelahatchie Cr near Fannin, MS (d)	02485500	206.0	1951-60
Strong at D'Lo, MS (d)	02487500*	425.0	1928-71
Copiah Cr near Hazelhurst, MS (d)	02487900*	47.4	1965-68
Bahala Cr near Oma, MS (d)	02488100	150.0	1966-68
Holiday Cr at Goss, MS (d)	02488850	75.8	1965-68
Pearl R near Columbia, MS (d)	02489000	5720.0	1928-54
Lower Little Cr near Baxterville, MS (d)	02489240	81.5	1961-70
West Hobolochitto Cr near McNeill, MS (d)	02492360*	175.0	1965-68
TENNESSEE RIVER BASIN			
Yellow Cr near Doskie, MS (d)	03592800	143.0	1938-59 1973-78
Tennessee-Tombigbee Waterway at Cross Roads (e)	03592824	indeterminate	1981-95
HATCHIE RIVER BASIN			
Hatchie R near Walnut, MS (d)	07029270	274.0	1948-73
TUCSCUMBIA RIVER BASIN			
Tuscumbia R Canal near Corinth, MS (d)	07029300	277.0	1950-59
YAZOO RIVER BASIN			
Cane Cr near New Albany, MS (d)	07266000	22.2	1939-41
Cypress Cr near Etta, MS (d)	07268500*	28.5	1939-42
North Tippah Cr near Ripley, MS (d)	07269000*	20.0	1939-42
Clear Cr near Oxford, MS (d)	07271000	10.3	1939-41 1950-74
Little Tallahatchie R at Sardis, MS (d)	07272500	1545.0	1940-80
Tallahatchie R near Sardis, MS (d)	07273000	1595.0	1932-42
Little Tallahatchie R at Batesville, MS (d)	07273500	1750.0	1907-13
Yocona R at Enid Dam, MS (d)	07275000	560.0	1928-80
Coldwater R near Lewisburg, MS (d)	07276000	218.0	1940-53
Pigeonroost Cr near Lewisburg, (d)	07277000	228.0	1940-53
Coldwater R near Coldwater, MS (d)	07277550	617.0	1928-42
Coldwater R at Arkabutla Dam, MS (d)	07278500	1000.0	1937-80
Coldwater R at Savage, MS (d)	07279500	1225.0	1909-12 1936-42
Tallahatchie R near Lambert, MS (d)	07280000	1980.0	1936-80
Tillatoba Cr Bl Oakland, MS (d)	07280270	37.1	1974-84
South Fork Tillatoba Cr near Charleston, MS (d)	07280340	53.9	1975-87
North Fork Tillatoba Cr near Teasdale, MS (d)	07280460	30.8	1984-89
Tallahtchie R at Swan Lake, MS (d)	07281000	5130.0	1939-80
Yalobusha R at Graysport, MS (d)	07282500	607.0	1940-49
Skuna R near Coffeeville, MS (d)	07283500	435.0	1940-49
Yalobusha R at Grenada Dam near Grenada, MS (d)	07285000	1320.0	1961-80
Askalmore Cr at Retention Dam near Cascilla, MS (d)	07285900	10.5	1967-74
Thompson Cr at McCarley, MS (d)	07286500	14.4	1957-64
Yazoo R at Greenwood, MS (d)	07287000	7450.0	1908-13 1928-80
Big Sunflower R at Clarksdale, MS (d)	07288000	108.0	1937-42
Big Sunflower R at Sunflower, MS (d)	07288500	767.0	1936-80
MISSISSIPPI RIVER BASIN			
Big Black R at Pickens, MS (d)	07289500	1493.0	1936-71
Bayou Pierre near Carpenter, MS (d)	07290500	371.0	1945-51
Mississippi R at Natchez, MS (d)	07290880	1145400.0	1949-78
Homochitto R near Bude, MS (d)	07291500	399.0	1942-50
Homochitto R near Kingston, MS (d)	07293500	1000.0	1945-49
Homochitto R near Doloroso, MS (d)	07294500	1120.0	1940-51

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following continuous-record surface-water-quality stations in Mississippi have been discontinued. Daily records of specific conductance, pH, water temperature, turbidity, dissolved oxygen, or sediment were collected and published for the period of record shown for each station. Those stations with an asterisk (*) after the station number are currently operated as continuing-record, partial-record, or miscellaneous stations. Discontinued short-term project stations have not been included. Information regarding these stations may be obtained from the District Office at the address given on the back side of the title page of this report.

Letters used for type of record designate type of data collected: (k) specific conductance, (h) pH, (t) water temperature, (n) turbidity, (o) dissolved oxygen, (s) sediment.

Discontinued continuous-record surface-water-quality stations

Station name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
MOBILE RIVER BASIN				
Mackeys Creek near Dennis, MS	02430000	66.9	k,h,t,o	1973-80
			n	1975-80
			s	1978-80
Mackeys Creek below Bay Springs Lock & Dam, MS	02430012	68.2	k	1980, 1982-83
			h,t	1980-83
			n,o	1980-82
			s	1980, 1982
Mackeys Creek near Moores Mill, MS	02430100	118	k,h,t,o	1983-84
PASCAGOULA RIVER BASIN				
Okatoma Creek at Saratoga, MS	02472580	88.2	k	1970-71
Leaf River near Palmer, MS	02473260	1,809	k	1971-75
			t	1971-72
Chickasawhay River at Enterprise, MS	02477000	918	k	1971-73
Pascagoula River at Merrill, MS	02479000	6,590	k	1970-75
			t	1970-72
Pascagoula River near Benndale, MS	02479020	6,680	k	1976-81
			t	1958-60, 1976-81
Red Creek near Carnes, MS	024791834	99.5	k,t	1985-86
WOLF RIVER BASIN				
Wolf River near Landon, MS	02481510	308	k,t	1978-81
PEARL RIVER BASIN				
Pearl River at Jackson, MS	02486000	3,171	t	1963-64
Pearl River near Monticello, MS	02488500	4,993	k,t	1966-69
Bogue Chitto near Tylertown, MS	02490500	492	k	1968-69
TENNESSEE RIVER BASIN				
Yellow Creek near Doskie, MS	03592800	143	k,h,t,o	1973-78
			n	1976-78
Tenn-Tom Waterway at Cross Roads, MS	03592824	-	k,h,t,n,o	1980-85
			s	1981-85
Yellow Creek at Cross Roads, MS	03592825	165	k,h,t,n,o,s	1978-79
YAZOO RIVER BASIN				
Hotopha Creek near Batesville, MS	07273100 *	35.1	k,t	1986-87
			h	1987
Otoucalofa Creek Canal near Water Valley, MS	07274252 *	97.1	k,t,o	1985-87
			h	1986-87
Peters (Long) Creek near Pope, MS	07275530 *	79.2	k,h,t	1987
Hickahala Creek near Senatobia, MS	07277700 *	121	k,h,t,o	1986-90
Senatobia Creek near Senatobia, MS	07277730 *	82.0	k,h,t,o	1986-88
			s	1986-90
Coldwater River (Pompey Ditch) near Sledge, MS	07279800	1,404	k,t	1981-82
North Fork Tillatoba Creek near Teasdale, MS	07280460	30.8	s	1984-89
Batupan Bogue at Grenada, MS	07285400 *	240	k,h,t,o	1985-87
Yazoo River near Shell Bluff, MS	07287120	7,650	k,t	1976-81
Fannegusha Creek near Howard, MS	07287355 *	107	s	1987-89
Harland Creek near Howard, MS	07287404 *	62.1	k,h,t,o	1987
Yazoo River at Redwood, MS	07288800	12,603	k,t	1978-81
MISSISSIPPI RIVER MAIN STEM				
Mississippi River at Vicksburg, MS	07289000	1,140,500	k	1975-93
			t	1974-93
BIG BLACK RIVER BASIN				
Big Black River near Bovina, MS	07290000	2,812	k,t	1975-81
HOMOCHITTO RIVER BASIN				
Homochitto River at Rosetta, MS	07292500	787	k,t	1975-81

WATER RESOURCES DATA - MISSISSIPPI, WATER YEAR 1996

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 of surface water and ground water in the State. Specifically, it contains: (1) Discharge records for 88 streamflow-gaging stations, stage records for 19 of these gaging stations, discharge records for 66 partial-record or miscellaneous streamflow stations, including 7 flood hydrograph partial-record stations, 53 crest-stage partial-record stations and 6 special study and miscellaneous sites, (2) stage only at 6 gaging stations, (3) water-quality records for 21 streamflow-gaging stations, 1 ungaged streamsite, 2 partial-record or miscellaneous sites, 64 short-term study sites, and 26 wells, and (4) water-level records for 46 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-95-1." 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.

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, 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.
Mississippi Department of Transportation, Kenneth Warren, Chief Engineer.
Mississippi Department of Agriculture and Commerce, Robert McCarty, Director.
Mississippi Soil and Water Conservation Commission, Gale Martin, Executive 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, Kenneth Griffin, General Manager.
Yazoo Mississippi Delta Joint Water Management District, Dean Pennington, Executive Director.
Harrison County Board of Supervisors, Larry Benefield, President.
Harrison County Development Commission, Michael J. Olivier, Executive Director.
Jackson County Board of Supervisors, Larry Lee, President.
Jackson County Port Authority, Charles M. Persons, 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 49 streamflow-gaging stations, 3 crest-stage gages, and 22 surface-water quality sites published in this report.

Organizations that provided data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Streamflow

Annual mean streamflow was normal in most streams in Mississippi during the 1996 water year. Comparisons of monthly mean and annual mean discharges in the 1995 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)with the exceptions noted below.

Runoff of the Tombigbee River at Columbus Lock and Dam near Columbus was 20.54 inches for the water year, or 97 percent of the median annual runoff of 21.10 inches for the reference period 1961-90. Discharge was above normal in July and September, when the monthly mean discharges were 192, 250, and 285 percent of the median monthly means, respectively, for the reference period. Discharges were below normal in May, when the monthly mean discharge was 37 percent of the monthly median discharge for the reference period. Monthly mean discharges for other months were within the normal range.

Runoff of the Pascagoula River at Merrill was 16.94 inches for the water year, or 82 percent of the median annual runoff for the reference period (20.64 inches). Discharge was below normal in May and July, when the monthly mean discharges were 38 and 67 percent of the monthly median discharges, respectively, for the reference period. Monthly mean discharges for other months were within the normal range.

Runoff of the Big Black River near Bovina was 13.58 inches for the water year, or 77 percent of the median annual runoff for the reference period (17.67 inches). Discharge was above normal in the months of August and September, when the monthly mean discharges were 160 and 168 percent of the monthly median discharges, respectively, 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 84,000 miles of rivers fully or partially supports designated uses. The major cause of impaired water quality is nonpoint agricultural runoff; lesser causes are industrial and municipal point-source discharges and runoff from nonagricultural nonpoint sources.

Dissolved-solids concentrations are low, generally less than 100 mg/L (milligrams per liter), in water from most streams in Mississippi. Dissolved-oxygen concentrations are generally greater than 5.0 mg/L and are lowest during the summer months when stream temperatures are high and streamflow velocities are low. Determinations of pH indicate that most streams are neutral to slightly acidic at most times. The minimum, median, and maximum values of dissolved-solids concentrations, dissolved-oxygen concentrations, and values of pH during water year 1996 for the National Water-Quality Assessment integrator station, 07288955 Yazoo River below Steele Bayou near Long Lake, Mississippi, 8.2 miles above its confluence with the Mississippi River, are presented in the following table:

Yazoo River below Steele Bayou near Long Lake, MS

Water year 1996

	Minimum	Median	Maximum
Dissolved-solids concentration, in milligrams per liter	66	97	174
Dissolved-oxygen concentration, in milligrams per liter	1.0	5.4	9.3
pH, in standard units	6.2	6.8	7.2

Ground-Water Levels

Ground-water levels in most artesian aquifers statewide continued long-term declines in the latter part of the 1996 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.

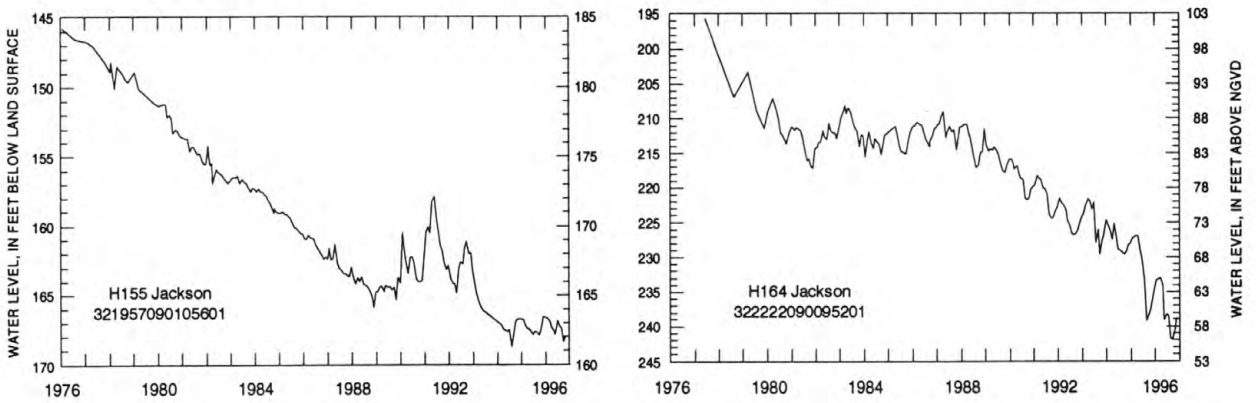

Figure 1.--Hydrographs of wells in the Cockfield and Sparta aquifers in the Jackson metropolitan area.

Ground-water withdrawals are concentrated in the urbanized and industrialized areas and in the Mississipi River Alluvial Plain of northwestern Mississippi. These withdrawals have resulted in significant long-term declines in water levels in some areas. Declining ground-water levels and the ability of the aquifers to meet the increasing demand for water continue to be important water-resources concerns in the State.

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 2 feet. In wells screened in the Graham Ferry Formation along the Gulf coast, water levels declined less than 1 foot.

In central Mississippi, water levels in the Cockfield Formation declined slightly at selected sites, while levels in a few wells near pumping centers declined 1 to 2 feet. Wells screened in the Sparta Sand indicated declines of 1 to 4 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 Forest Hill Sand used primarily for domestic use declined slightly at selected sites.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Bench-Mark Network is a network of 50 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 human activities.

National Stream-Quality Accounting Network (NASQAN) monitors the water quality of large rivers within four of the Nation's largest river basins--the Mississippi, Columbia, Colorado, and Rio Grande. The network consists of 39 stations. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) provides continuous measurement and assessment of the chemical climate of precipitation throughout the United States. As the lead federal agency, the USTS works together with over 100 organizations to accomplish the following objectives; (1) Provide a long-term, spatial and temporal record of atmospheric deposition generated from a network 191 precipitation chemistry monitoring sites. (2) Provide the mechanism to evaluate the effectiveness of the significant reduction in SO2 emissions that began in 1995 as implementation of the Clean Air Act Amendments (CAAA) occurred. (3) Provide the scientific basis and nationwide evaluation mechanism for implementation of the Phase II CAAA emission reductions for SO2 and NOx scheduled to begin in 2000.

Data from the network, as well as information about individual sites, are available through the world wide web at:

http://nadp.nrel.colostate.edu/NADP

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 wet atmospheric deposition, which includes snow, rain, sleet and hail. The core from which the NTN was built was the already existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

The National Water-Quality Assessment (NAWQA) Program of the U.S. Geological Survey is a long-term program with goals to describe the status and trends of water-quality conditions for a large, representative part of the Nation's ground- and surface-water resources; provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 53 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key federal, State, and local water resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information needs, monitoring plans and progress, desired information products, and opportunities to collaborate efforts among the agencies.

Additional information about the NAWQA Program is available through the world wide web at:

http://wwwrvares.er.usgs.gov/nawqa/nawqa_home.html

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 1996 water year that began October 1, 1995, and ended September 30, 1996. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage 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 indention in the "List of Stations" in the front of this report. Each indention represents one rank. This downstream order and system of indention 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.

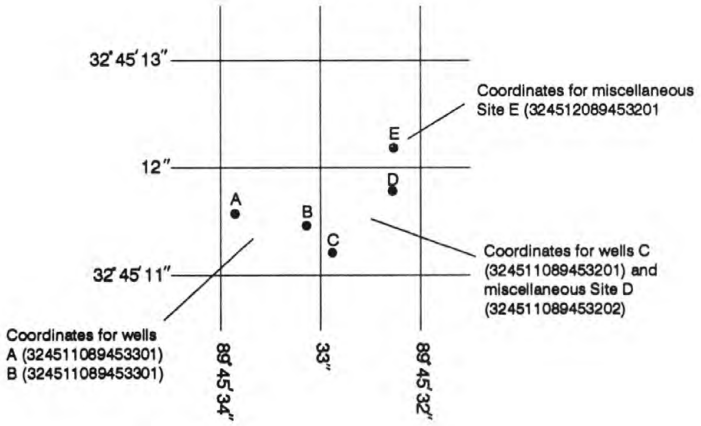

Figure 2.--System for numbering wells and miscellaneous sites (latitude and longitude).

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 (TWRI's), Book 3, Chapter A1 through A19 and Book 8, Chapters A2 and B2. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

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. At some gaging stations, acoustic velocity meter (AVM) systems are used to compute discharge. The AVM system measures the stream's velocity at one or more paths in the cross section. Coefficients are developed to relate this path velocity to the mean velocity in the cross section. Because the AVM sensors are fixed in position, the adjustment coefficients generally vary with stage. Cross-sectional area curves are developed to relate stage, recorded as noted above, to cross section area. Discharge is computed by multiplying path velocity by the appropriate stage related coefficient and area.

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 dischrge 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 partial-record 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 or 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 (CFSM) 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 has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.--The discharge that has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.--The discharge that has been exceeded 90 percent of the time 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 ft^3/s, to the nearest tenth between 1.0 and 10 ft^3/s, to whole numbers between 10 and 1,000 ft^3/s, and to 3 significant figures for more than 1,000 ft^3/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 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 office whose address is 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 figure 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 detailed in TWRI Book 1, Chap. Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. These references are listed listed in the PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS section of this report. These methods are consistent with ASTM standards and generally follow ISO standards.

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. Methods used in the computation of sediment records are described in the TWRI Book 3, Chapters C1 and C3. These methods are consistent with ASTM standards and generally follow ISO standards.

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 to analyze sediment samples and to compute sediment records are described in TWRI Book 5, Chapter C1. Methods used by the Geological Survey laboratories are given in TWRI Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, A4 and A5. These methods are consistent with ASTM standards and generally follow ISO standards.

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

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	
1	Well head
2	Drill stem test
5	Flow line
8	Tank
16	Casing leak
26	Pump
27	Tap near well
28	Tap away from well
30	Pressure tank
31	Discharge Pipe
33	Bailer
80	After pressure tank
1001	Wet deposition
1003	Landfill
1005	Landfill seep

Sampling Condition	
0.10	Site was being pumped
0.11	Site had been pumped recently
0.12	Nearby site tapping same aquifer was being pumped
2	Undesignated
4	Flowing
8	Pumping
10	Open hole
15	Bailing
24	Water flooding
26	Production and development test
27	Production by unknown method
30	Seeping

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 (µg/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). Data above the µg/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 began using new trace-element protocols at some stations in water year 1994.

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) sea level. 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 TWRI publications referred to in the "On-site Measurements and Sample Collection" and the "Laboratory Measurements" sections in this data report. In addition, the TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. 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. These methods are consistent with ASTM standards and generally follow ISO standards. 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 20192

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°C ± 0.2°C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found also in 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°C ± 1.0°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°C 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

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 or 500°C for 1 hour. The ash massvalues 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 (ft^3/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 persecond.

Cubic feet per second-day (ft^3)/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 [$ft^3/s)/m^2$][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 stastistic.)

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 respirationmay cause diurnal variations in dissolved-oxygen concentration in water from some streams.

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[1] Until 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 drainsby gravity into the stream above the specified point. Figures of drainage area given herein includeall 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 tributarysurface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gageheight 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 53 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 bythe 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 (µg/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 (µG/L, µg/L) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

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

National Geodetic Vertical Datum of 1929 (NGVD of 1929[1]) 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.

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[1]The 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. The 284 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 informationon 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).

The National Water-Quality Assessment (NAWQA) Program of the U.S. Geological Survey is a long-term program with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nations's ground - and surface-water resources, and to identify, describe, and explain the major natural and human factors that affect these observed conditions and trends.

Assessment activities have begun in about two-thirds of the study units and ultimately will be conducted in 60 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

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 (m^2), 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 EnvironmentalProtection 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/(m^2.time)] for periphyton and macrophytes and [mg C/(m^3.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/(m^2.time)] for periphyton and macrophytes and [mgO/m^3.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 organonochlorine 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.

Sea level in this report refers to the National Geodetic Vertical Datum of 1929 (NGVD)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

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 (ft^3/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 $25^{o}C$. 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 emersed or submersed solid surface, such as a rock or tree, upon which an organisum lives.

Surface area of a lake is that area outlined on the latest U.S.G.S. topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

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

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

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

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

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

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

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

Kingdom	Animal
Phylum	Arthropoda
Class	Insects
Order	Ephemeroptera
Family	Ephemeridae
Genus	Hexagenia
Species	Hexagenia limbata

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

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

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

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

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

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

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

Total, recoverable, is the amount of a given constituent that is in solution after a repre- sentative 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.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

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, Branch of Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

1-D1. *Water temperature--influential factors, field measurement, and data presentation,* by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.

1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents,* by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

2-D1. *Application of surface geophysics to ground-water investigations,* by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.

2-D2. *Application of seismic-refraction techniques to hydrologic studies,* by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.

2-E1. *Application of borehole geophysics to water-resources investigations,* by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.

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2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells,* by Eugene Shuter and W. E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.

3-A1. *General field and office procedures for indirect discharge measurements,* by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

3-A2. *Measurement of peak discharge by the slope-area method,* by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.

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

3-A4. *Measurement of peak discharge at width contractions by indirect methods,* by H. F. Matthai: USGS-TWRI Book 3, Chapter A4. 1967. 44 pages.

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

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

3-A12. *Fluorometric procedures for dye tracing,* Revised, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS- -TWRI Book 3, Chapter A12. 1986. 34 pages.

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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3-A17. *Acoustic velocity meter systems,* by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.

3-A18. *Determination of stream reaeration coefficients by use of tracers,* by F. A. Kilpatrick, R. E. Rathbun, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.

3-A19. *Levels at streamflow gaging stations,* by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 31 pages.

3-A20. *Simulation of soluable waste transport and buildup in surface waters using tracers,* by F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A20. 1993. 38 pages.

3-A21 *Stream-gaging cableways,* by C. Russell Wagner: USGS--TWRI Book 3, Chapter A21. 1995. 56 pages.

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

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

3-B3. *Type curves for selected problems of flow to wells in confined aquifers,* by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.

3-B4. *Regression modeling of ground-water flow,* by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.

3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems,* by R. L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.

3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction,* by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.

3-B6. *The principle of superposition and its application in ground-water hydraulics,* by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.

3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow,* by E. J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 190 pages.

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

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

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

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

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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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6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions*, by R. L. Cooley: USGS--TWRI Book 6, Chapter A4. 1992. 108 pages.

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6-A6. *A coupled surface-water and ground-water flow model (MODBRANCH) for simulation of stream-aquifer interaction*, by Eric D. Swain and Eliezer J. Wexler: USGS--TWRI Book 6, Chapter A6. 1995. 125 pages.

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

7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water*, by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.

7-C3. *A model for simulation of flow in singular and interconnected channels*, by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.

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

8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.

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

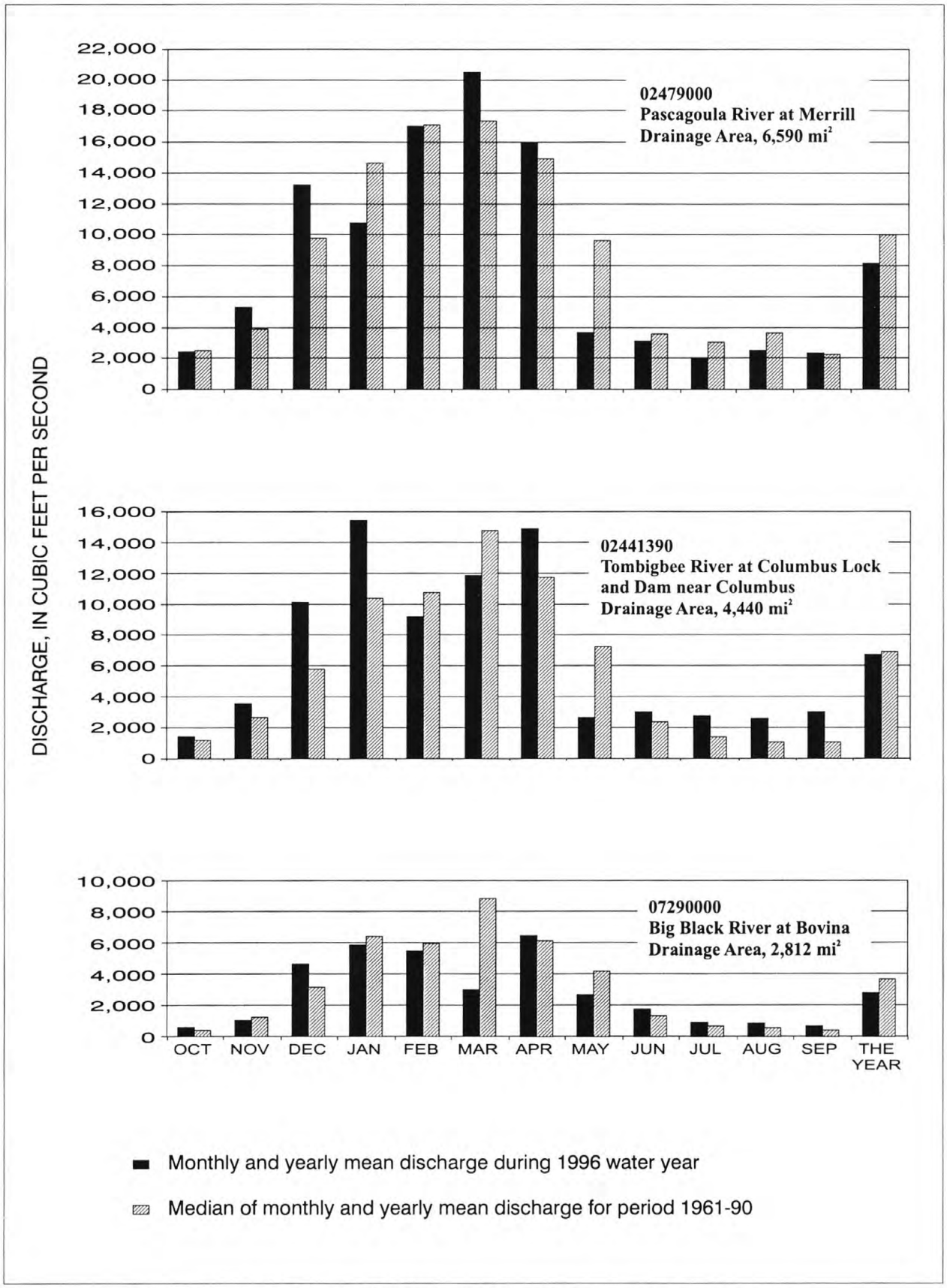


Figure 3.--Relation of discharge during 1996 water year with median discharge for period 1961-90 for three representative gaging stations.

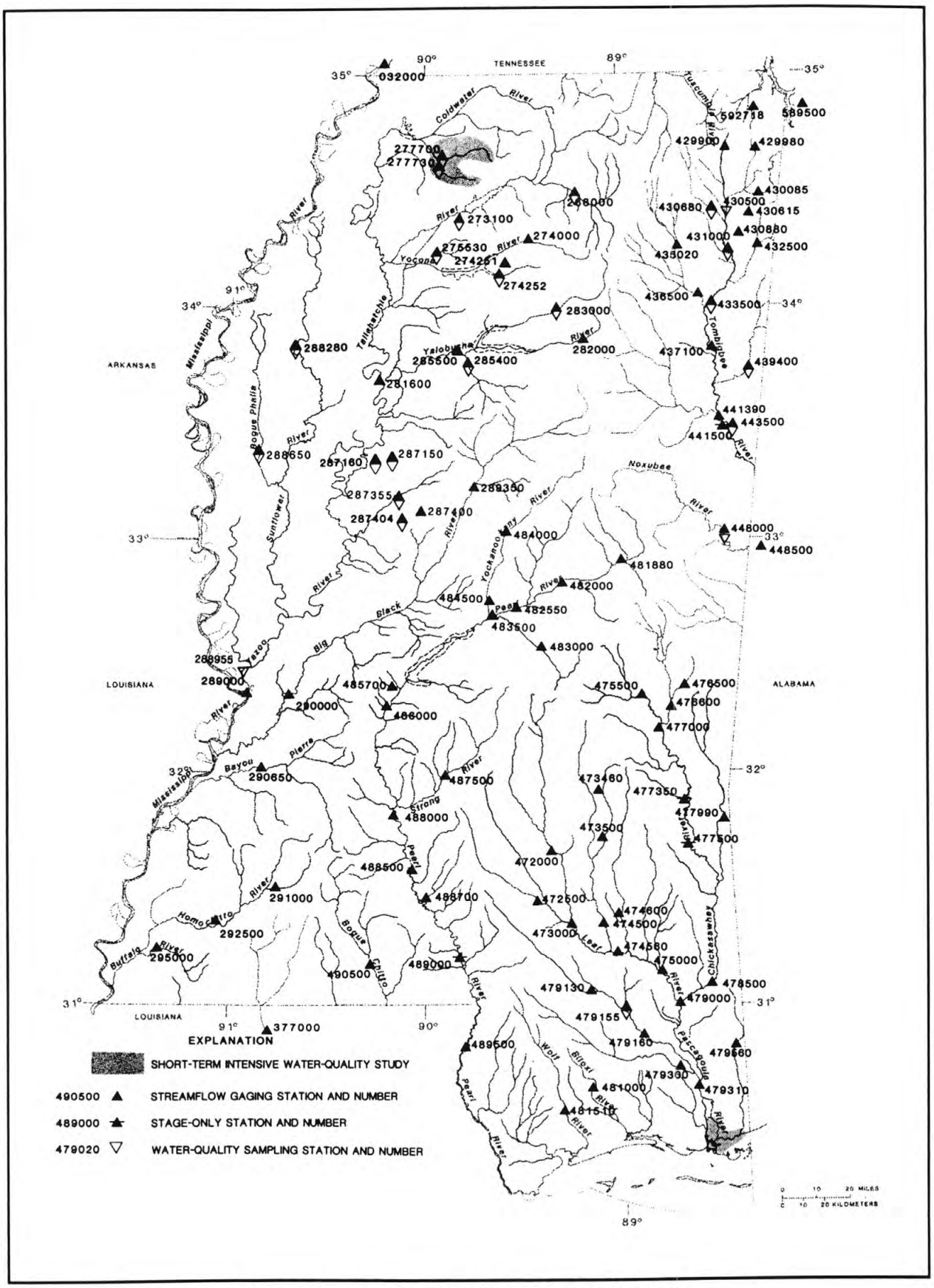


Figure 4.--Location of hydrologic-data stations.

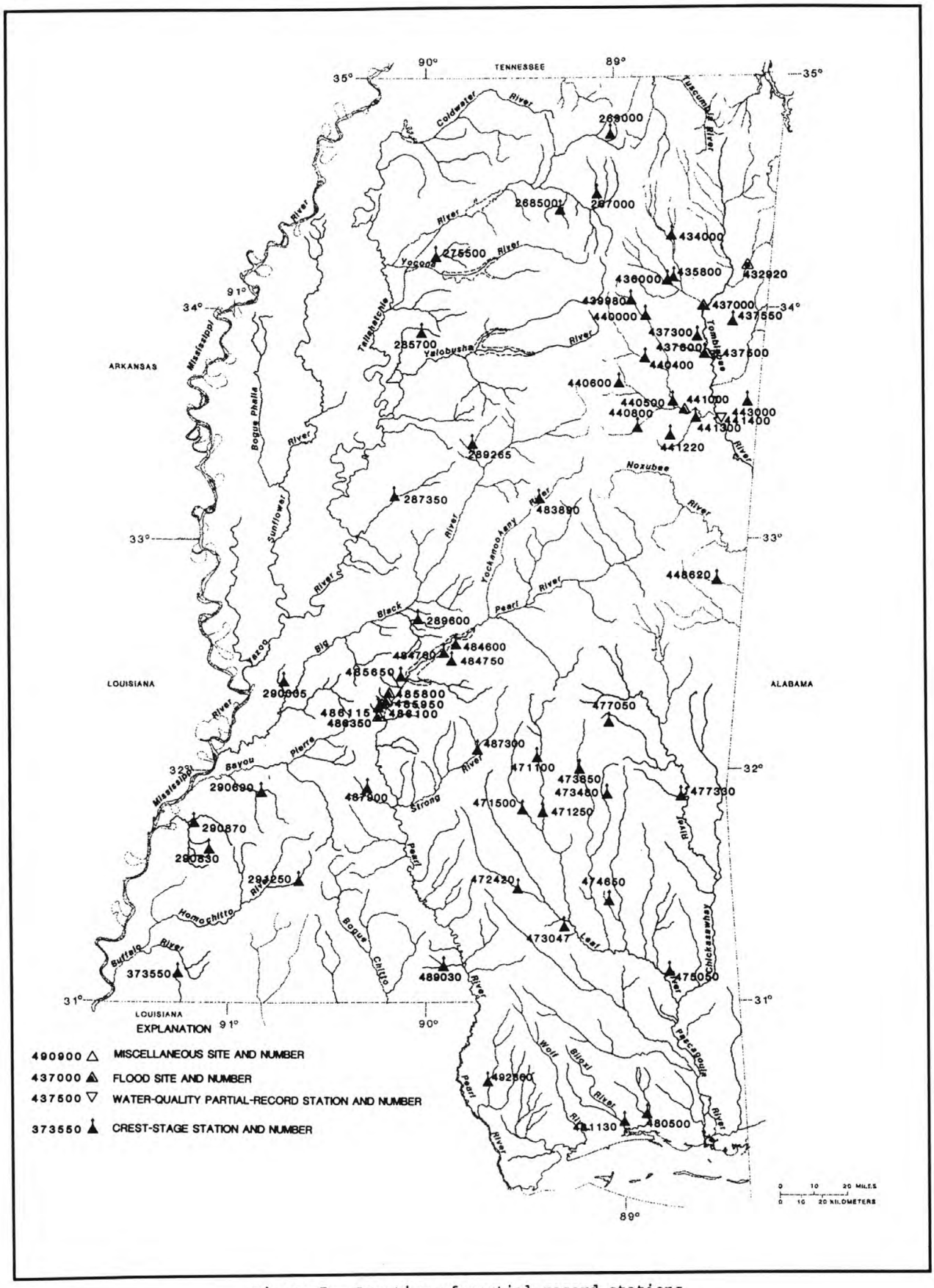


Figure 5.--Location of partial-record stations.

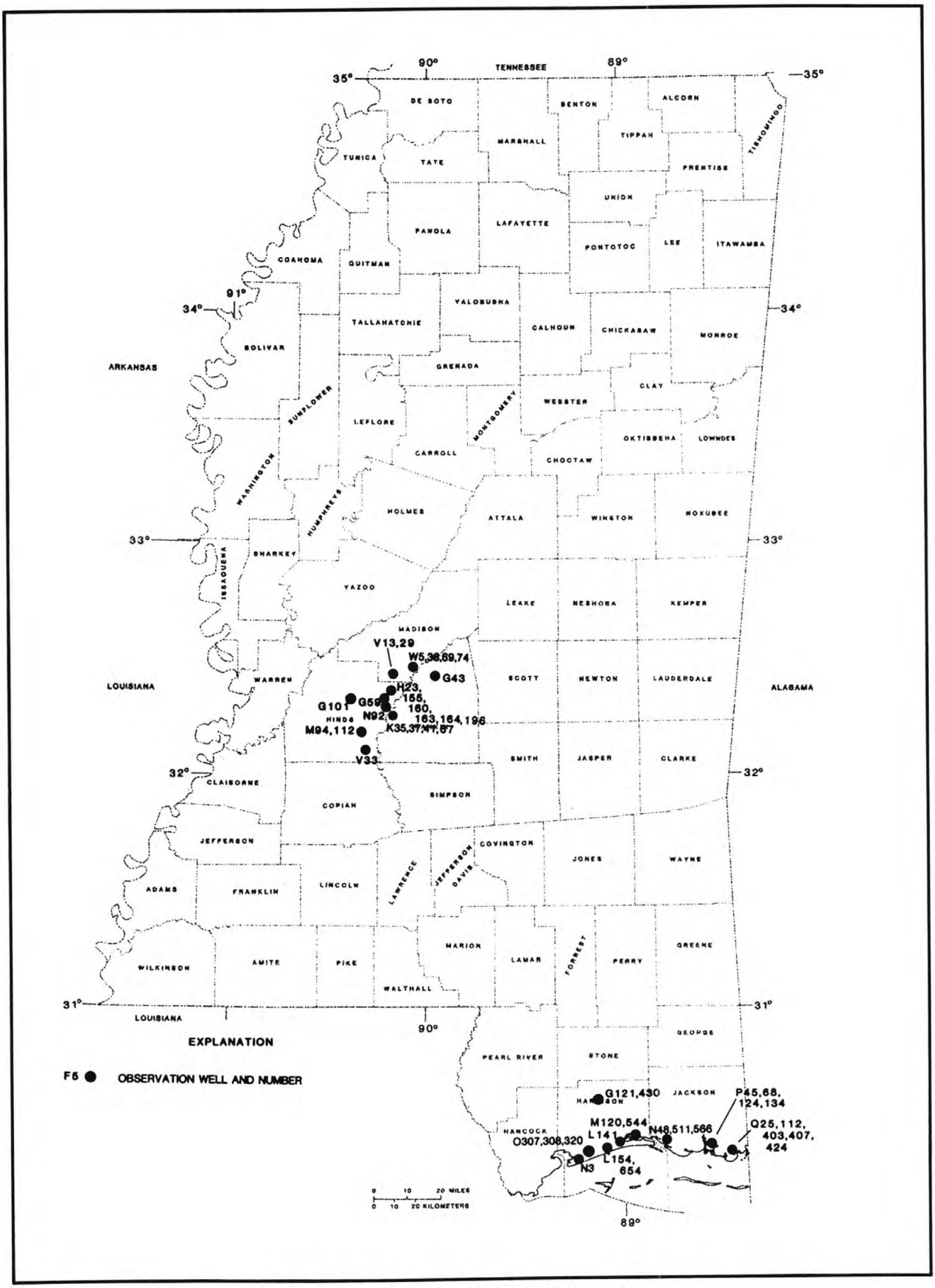


Figure 6.--Location of observation wells.

EASTERN GULF OF MEXICO BASINS

MOBILE RIVER BASIN

02429900 BIG BROWN CREEK NEAR BOONEVILLE, MS

LOCATION.--Lat 34°37'07", long 88°26'42", SW1/4 NE1/4 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 mi^2.

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 sea level (levels by Tennessee Valley Authority). Prior to June 1973, crest-stage gage at site 0.4 mi upstream at datum 76.36 ft lower.

REMARKS.--Estimated daily discharges: Dec. 18 - Mar. 1, Mar. 5 - Ju. 11. Records fair except for estimated daily discharges, which are poor.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 17	1630	*428a	*11.15a	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.75	2.6	6.4	e50	e40	e35	e18	e20	e20	e1.7	5.5	.81
2	.73	15	6.6	e85	e100	32	e17	e30	e30	e1.6	2.6	4.8
3	2.1	8.3	6.7	e30	e55	29	e16	e20	e20	e1.6	2.0	2.4
4	2.9	3.7	9.8	e20	e35	34	e15	e18	e18	e1.5	1.8	1.3
5	1.4	2.8	8.5	e15	e25	e46	e15	e16	e16	e1.4	2.0	1.1
6	1.2	4.1	7.3	e90	e20	e53	e30	e17	e15	e1.4	2.1	1.0
7	1.0	46	6.8	e50	e75	e49	e110	e16	e100	e1.3	2.2	.92
8	.97	15	13	e25	e140	e40	e60	e15	e600	e3.0	2.5	.86
9	.96	6.6	30	e20	e80	e35	e40	e15	e200	e10	6.8	.81
10	.95	5.1	12	e15	e50	e30	e30	e25	e55	e5.0	2.3	.76
11	.97	46	10	e40	e25	e27	e28	e50	e90	e2.0	1.6	.77
12	1.0	22	8.2	e100	e20	e23	e25	e35	e150	1.2	4.0	.75
13	.92	15	8.2	e60	e18	e20	e25	e25	e60	1.3	2.5	.70
14	.95	13	7.5	e50	e30	e17	e50	e22	e25	1.5	1.5	.63
15	1.1	11	8.7	e45	e20	e15	e35	e20	e15	1.5	1.3	.64
16	1.1	10	49	e40	e16	e14	e25	e17	e13	1.6	1.2	2.4
17	1.0	9.0	167	e35	e15	e50	e20	e16	e11	1.7	1.1	1.8
18	1.0	8.6	e160	e47	e15	e150	e17	e15	e9.0	1.9	1.2	1.3
19	1.3	7.8	e60	e85	e20	e100	e16	e14	e7.0	1.8	1.0	1.1
20	1.6	7.2	e40	e50	e45	e40	e15	e13	e5.0	1.7	.97	.93
21	1.6	7.4	e25	e30	e20	e30	e50	e13	e4.0	1.5	.88	13
22	1.8	7.4	e20	e25	e17	e25	e150	e12	e3.5	1.6	.85	2.4
23	1.7	13	e17	e100	e16	e20	e800	e12	e3.0	4.3	.83	1.3
24	1.9	14	e14	e60	e15	e18	e200	e11	e2.8	3.1	.80	1.1
25	1.5	9.8	e13	e50	e50	e200	e100	e11	e2.5	2.4	.80	.99
26	1.9	8.5	e12	e40	e25	e167	e70	e12	e2.3	2.3	1.3	1.1
27	12	8.4	e11	e35	e18	e70	e50	e50	e2.1	2.1	1.2	7.9
28	9.8	7.8	e11	e30	e20	e50	e40	e150	e1.9	2.3	1.4	6.3
29	3.1	6.9	e10	e25	e55	e30	e35	e50	e1.8	2.6	1.1	2.3
30	2.4	6.6	e10	e20	---	e25	e30	e20	e1.7	5.8	1.3	1.6
31	2.4	---	e25	e18	---	e20	---	e15	---	8.0	1.1	---
TOTAL	64.00	348.6	793.7	1385	1080	1494	2132	775	1484.6	80.7	57.73	63.77
MEAN	2.06	11.6	25.6	44.7	37.2	48.2	71.1	25.0	49.5	2.60	1.86	2.13
MAX	12	46	167	100	140	200	800	150	600	10	6.8	13
MIN	.73	2.6	6.4	15	15	14	15	11	1.7	1.2	.80	.63
CFSM	.08	.43	.94	1.65	1.37	1.78	2.62	.92	1.83	.10	.07	.08
IN.	.09	.48	1.09	1.90	1.48	2.05	2.93	1.06	2.04	.11	.08	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1996, BY WATER YEAR (WY)

MEAN	9.44	38.8	70.4	81.7	81.8	92.1	81.6	71.1	32.2	11.8	7.06	7.73
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1973 - 1996	
ANNUAL TOTAL	11536.37		9759.10			
ANNUAL MEAN	31.6		26.7		48.7	
HIGHEST ANNUAL MEAN					94.6	1991
LOWEST ANNUAL MEAN					15.0	1988
HIGHEST DAILY MEAN	1110	Mar 7	800	Apr 23	2580	May 26 1991
LOWEST DAILY MEAN	.73	Sep 30	.63	Sep 14	.11	Sep 2 1988
ANNUAL SEVEN-DAY MINIMUM	.77	Sep 26	.72	Sep 9	.12	Sep 5 1988
INSTANTANEOUS PEAK FLOW			428a	Dec 17	3900	Apr 17 1970
INSTANTANEOUS PEAK STAGE			11.15a	Dec 17	99.97	Apr 17 1970
ANNUAL RUNOFF (CFSM)	1.17		.98		1.80	
ANNUAL RUNOFF (INCHES)	15.84		13.40		24.44	
10 PERCENT EXCEEDS	53		54		94	
50 PERCENT EXCEEDS	14		13		20	
90 PERCENT EXCEEDS	1.3		1.1		1.0	

e Estimated

a Maximum recorded. May have been higher during periods of estimated record.

02429980 POLLARD MILL BRANCH AT PADEN, MS

LOCATION.--Lat 34°39'10", long 88°15'00", in SE1/4 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 mi^2.

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 sea level, from topographic map.

REMARKS.--Estimated daily discharges: Mar. 2 - Aug. 25. Records fair except estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	5.6	4.3	6.9	4.8	4.4	e4.9	e5.5	e3.8	e3.6	e5.0	3.9
2	4.7	8.6	4.3	11	4.9	e4.2	e4.6	e5.3	e5.2	e3.6	e3.8	4.7
3	4.9	4.4	4.3	6.7	4.7	e4.0	e4.6	e5.1	e4.5	e3.5	e3.6	6.9
4	5.1	4.3	4.3	6.7	4.5	e3.9	e4.5	e5.0	e4.0	e3.4	e3.4	4.2
5	5.1	4.3	4.3	6.7	4.3	e7.2	e4.3	e5.3	e3.9	e3.4	e3.3	4.1
6	5.1	6.0	4.3	10	4.1	e12	e4.3	e4.8	e3.9	e3.3	e5.9	3.9
7	5.1	9.5	4.3	6.9	4.9	e11	e4.2	e4.7	e3.9	e3.3	e5.4	3.9
8	5.1	4.7	6.4	6.7	7.8	e7.6	e4.1	e4.8	e6.6	e6.3	e6.8	3.8
9	5.1	4.7	4.4	6.7	7.0	e6.7	e4.1	e4.5	e4.8	e4.1	e6.8	3.8
10	4.9	4.7	4.3	6.6	5.6	e6.3	e4.0	e4.3	e4.1	e3.8	e3.8	3.6
11	4.7	8.1	4.3	10	4.6	e6.2	e3.9	e5.2	e5.1	e3.7	e3.5	3.3
12	4.7	4.7	4.3	7.3	4.0	e6.1	e3.8	e4.9	e4.6	e3.6	e17	3.3
13	4.7	4.7	4.3	6.7	3.9	e6.0	e4.1	e4.4	e4.0	e3.5	e6.7	3.2
14	4.7	4.5	4.3	6.7	3.9	e5.7	e3.8	e3.8	e4.0	e3.4	e4.7	3.2
15	4.7	4.3	5.4	6.5	3.9	e5.7	e4.4	e3.8	e4.0	e4.5	e4.4	3.3
16	4.7	4.3	5.5	6.3	3.9	e6.0	e3.6	e3.7	e4.0	e3.4	e3.8	5.9
17	4.7	4.3	8.3	6.3	3.9	e5.6	e3.4	e3.7	e4.0	e3.1	e3.7	4.3
18	4.8	4.3	12	8.3	3.9	e6.8	e3.5	e3.7	e4.0	e3.1	e3.7	3.7
19	5.1	4.3	9.5	6.8	4.0	e11	e3.6	e3.7	e4.0	e3.0	e3.6	3.5
20	5.1	4.3	6.8	6.5	3.9	e7.5	e8.0	e3.7	e4.0	e3.0	e3.6	3.5
21	5.1	4.3	6.7	6.3	3.9	e6.6	e14	e3.7	e4.0	e3.0	e3.5	6.8
22	5.1	4.3	6.7	6.3	3.9	e6.3	e8.8	e3.7	e3.9	e3.0	e3.5	4.1
23	5.1	4.8	6.7	6.7	3.9	e5.9	e16	e3.6	e3.8	e3.8	e3.5	3.9
24	4.9	4.3	6.7	9.1	3.9	e5.8	e9.1	e3.6	e3.8	e6.9	e3.4	3.4
25	5.1	4.3	6.7	4.7	3.9	e13	e6.9	e3.6	e4.1	e7.0	e3.4	3.3
26	5.1	4.3	6.7	8.4	3.9	e7.5	e6.9	e3.6	e4.0	e6.9	e3.4	3.4
27	9.3	4.3	6.5	5.2	3.9	e6.0	e6.0	e4.0	e3.9	e3.7	3.7	6.2
28	5.7	4.3	6.3	4.7	5.4	e6.3	e5.9	e10	e3.8	e4.0	4.1	4.7
29	5.5	4.3	6.3	4.7	4.4	e5.6	e6.2	e5.0	e3.7	e5.1	3.7	3.8
30	5.5	4.3	6.3	4.9	---	e5.2	e6.1	e4.2	e3.7	e5.4	3.7	3.5
31	5.5	---	9.1	4.9	---	e5.5	---	e4.2	---	e7.3	4.1	---
TOTAL	159.6	148.1	184.6	212.2	129.6	207.6	171.6	139.1	125.1	128.7	142.5	123.1
MEAN	5.15	4.94	5.95	6.85	4.47	6.70	5.72	4.49	4.17	4.15	4.60	4.10
MAX	9.3	9.5	12	11	7.8	13	16	10	6.6	7.3	17	6.9
MIN	4.7	4.3	4.3	4.7	3.9	3.9	3.4	3.6	3.7	3.0	3.3	3.2
CFSM	2.56	2.46	2.96	3.41	2.22	3.33	2.85	2.23	2.07	2.07	2.29	2.04
IN.	2.95	2.74	3.42	3.93	2.40	3.84	3.18	2.57	2.32	2.38	2.64	2.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1996, BY WATER YEAR (WY)

MEAN	4.50	6.04	7.29	7.31	7.47	9.03	7.62	7.35	4.80	4.31	4.05	4.52
MAX	7.30	14.0	17.7	25.2	16.0	26.4	15.8	27.7	8.02	6.73	6.31	15.4
(WY)	1978	1978	1983	1974	1991	1973	1983	1991	1973	1994	1979	1979
MIN	3.10	3.44	3.35	3.49	4.31	4.47	3.74	2.65	2.30	2.38	2.16	2.47
(WY)	1983	1991	1994	1981	1978	1986	1986	1988	1988	1987	1988	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1973 - 1996	
ANNUAL TOTAL	2083.5		1871.8			
ANNUAL MEAN	5.71		5.11		6.19	
HIGHEST ANNUAL MEAN					9.88	1973
LOWEST ANNUAL MEAN					3.79	1988
HIGHEST DAILY MEAN	76	Mar 8	17	Aug 12	328	May 26 1991
LOWEST DAILY MEAN	3.5	Jan 5	3.0	Jul 19	1.7	Sep 21 1982
ANNUAL SEVEN-DAY MINIMUM	3.5	Jun 22	3.1	Jul 16	1.8	Sep 29 1982
INSTANTANEOUS PEAK FLOW			39a	Nov 2	1200	May 26 1991
INSTANTANEOUS PEAK STAGE			3.04a	Nov 2	9.02	May 26 1991
ANNUAL RUNOFF (CFSM)	2.84		2.54		3.08	
ANNUAL RUNOFF (INCHES)	38.56		34.64		41.82	
10 PERCENT EXCEEDS	8.1		6.9		9.1	
50 PERCENT EXCEEDS	4.7		4.5		4.4	
90 PERCENT EXCEEDS	3.9		3.6		3.0	

e Estimated

a May have been higher during period of bad gage-height record.

02430085 RED BUD CREEK NEAR MOORES MILL, MS

LOCATION.--34°28'00", long 88°17'00", in SW1/4 SE1/4 sec.18, T.7 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, near left bank on upstream side of bridge on county road, 0.18 mi south of intersection of county road and blacktop road, 2.7 mi east-southeast of Moores Mill, and 5.6 mi southwest of Belmont.

DRAINAGE AREA.--15.7 mi^2.

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 sea level.

REMARKS.--No estimated daily discharges. Records fair except for Oct. 1-28, which are poor due to beaver activity.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 550 ft^3/s (revised) and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	2015	642	10.76	Aug. 12	0445	*843a	*11.20a
Apr. 23	0530	685	10.86				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	43	16	72	42	31	19	27	9.7	6.7	19	8.1
2	10	79	15	168	55	27	16	23	18	6.4	10	11
3	17	90	14	70	35	23	15	21	13	6.1	8.2	10
4	12	45	18	48	30	22	14	19	9.9	5.8	6.6	8.5
5	20	35	16	40	29	46	12	21	9.0	5.6	5.8	8.1
6	4.8	59	14	197	27	147	12	17	8.9	5.3	21	7.3
7	3.5	113	13	102	51	151	11	16	8.7	5.1	18	6.8
8	4.8	59	46	60	88	71	10	16	29	23	36	6.5
9	5.2	37	66	48	83	52	8.8	14	15	9.3	37	6.9
10	5.2	31	32	39	56	44	8.1	12	11	6.2	11	19
11	5.7	116	27	102	43	40	7.8	18	17	4.9	8.2	7.5
12	6.7	55	24	85	34	36	7.7	16	14	4.4	286	6.7
13	7.0	40	21	56	31	33	9.1	13	10	4.4	42	6.6
14	10	40	20	44	29	29	7.6	12	9.5	5.1	22	6.5
15	8.2	30	21	36	26	28	11	12	9.2	10	16	6.7
16	7.2	27	77	33	23	31	7.1	11	9.0	5.5	13	37
17	7.1	23	63	30	22	26	6.3	9.8	9.2	4.7	11	25
18	7.2	21	223	63	22	42	6.1	8.8	9.0	4.2	8.9	13
19	7.9	19	150	51	33	136	6.8	8.4	9.0	4.0	7.7	12
20	9.8	18	66	36	33	61	42	8.1	9.0	3.9	6.9	10
21	11	17	45	34	24	47	176	7.8	8.8	3.7	6.4	79
22	11	17	35	29	23	39	84	7.7	8.2	3.7	6.2	11
23	9.8	32	28	27	22	34	396	7.5	8.0	6.3	6.0	5.6
24	12	26	24	113	19	31	116	7.5	7.7	27	5.6	4.2
25	12	20	22	48	18	191	69	7.4	9.1	33	5.4	3.9
26	13	18	21	89	18	61	57	7.2	8.5	39	5.3	3.6
27	38	18	19	70	21	40	41	8.6	8.3	9.3	5.9	11
28	36	18	17	48	96	38	35	82	7.9	11	7.7	11
29	39	22	17	43	38	30	36	18	7.3	17	6.4	6.3
30	36	18	16	42	---	24	35	13	7.0	21	9.4	5.1
31	39	---	89	53	---	25	---	11	---	42	13	---
TOTAL	427.1	1186	1275	1976	1071	1636	1282.4	480.8	317.9	343.6	671.6	363.9
MEAN	13.8	39.5	41.1	63.7	36.9	52.8	42.7	15.5	10.6	11.1	21.7	12.1
MAX	39	116	223	197	96	191	396	82	29	42	286	79
MIN	3.5	17	13	27	18	22	6.1	7.2	7.0	3.7	5.3	3.6
CFSM	.88	2.52	2.62	4.06	2.35	3.36	2.72	.99	.67	.71	1.38	.77
IN.	1.01	2.81	3.02	4.68	2.54	3.88	3.04	1.14	.75	.81	1.59	.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1996, BY WATER YEAR (WY)

MEAN	11.6	25.9	43.4	36.8	45.7	48.0	38.6	37.1	17.4	11.4	8.85	8.38
MAX	24.4	64.5	128	79.8	108	119	116	207	56.5	50.2	21.7	34.5
(WY)	1976	1987	1991	1979	1990	1980	1991	1991	1989	1989	1996	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1975 - 1996	
ANNUAL TOTAL	11342.3		11031.3			
ANNUAL MEAN	31.1		30.1		27.6	
HIGHEST ANNUAL MEAN					58.0	1991
LOWEST ANNUAL MEAN					12.6	1981
HIGHEST DAILY MEAN	672	Mar 7	396	Apr 23	1200	May 26 1991
LOWEST DAILY MEAN	1.8	Jul 26	3.5	Oct 7	1.4a	Oct 5 1986
ANNUAL SEVEN-DAY MINIMUM	2.1	Jul 21	4.2	Jul 16	1.6	Sep 30 1986
INSTANTANEOUS PEAK FLOW			843a	Aug 12	2330	May 26 1991
INSTANTANEOUS PEAK STAGE			11.20a	Aug 12	13.13	May 26 1991
ANNUAL RUNOFF (CFSM)	1.98		1.92		1.76	
ANNUAL RUNOFF (INCHES)	26.87		26.14		23.92	
10 PERCENT EXCEEDS	65		64		52	
50 PERCENT EXCEEDS	18		18		14	
90 PERCENT EXCEEDS	2.9		6.3		3.5	

a May have been lower during periods of estimated discharge.

02430500 TOMBIGBEE RIVER NEAR MARIETTA, MS

LOCATION.--Lat 34°25'35", long 88°25'16", in SE1/4 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 mi^2, prior to constsruction 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 sea level. October 1968 to September 1977, nonrecording gage.

REMARKS.--Estimated daily discharges: Nov. 8,12, Dec. 23-27, 31, Jan. 14-16, 18, 20-24, 30-31, Feb. 12-13, May 13-27, May 31 - Jun. 2, 4-8, Jun. 14 - Jul. 29, Aug. 2, Sept. 21, 27. Records fair except for estimated daily discharges, which are poor. Discharges above 500 ft^3/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 ft^3/s, 22.13 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,600 ft 3/s, Mar. 17, 1973, gage height, 12.30 ft; maximum gage height, 15.24 ft, May 27, 1991 (discharge not determined); minimum discharge, 10 ft^3/s, Aug. 18, 1943, gage height, 2.30 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, not determined, maximum gage height, not determined, minimum daily discharge, 59 ft^3/s, Jul. 22.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	105	126	---	200	376	454	384	e105	e78	---	117
2	120	147	131	---	203	325	364	317	e170	e80	e150	119
3	116	240	131	---	266	283	339	273	285	e80	89	143
4	107	158	133	---	280	255	318	245	e150	e78	83	109
5	110	123	135	---	254	298	292	217	e105	e76	82	100
6	105	123	133	---	210	---	289	191	e86	e76	83	93
7	104	321	128	---	192	---	278	173	e150	e90	97	89
8	101	e340	136	---	455	---	263	170	e450	e150	90	88
9	101	190	390	---	---	---	240	174	---	e200	124	88
10	102	151	228	---	---	---	221	168	---	e90	101	91
11	101	408	166	---	---	414	213	227	---	e72	90	85
12	135	e350	156	---	e430	374	220	341	---	e66	478	87
13	141	241	150	---	e360	356	227	e210	---	e66	302	84
14	107	187	149	e450	348	343	226	e170	e470	e73	129	85
15	106	163	143	e350	328	319	261	e150	e330	e76	97	82
16	108	152	468	e305	295	481	249	e135	e220	e74	89	88
17	119	146	---	296	272	---	207	e120	e120	e72	88	125
18	112	140	---	e380	266	430	192	e110	e98	e70	87	102
19	110	133	---	---	265	---	206	e105	e90	e66	87	95
20	111	132	---	e450	405	---	---	e97	e86	e63	83	88
21	111	129	---	e370	343	---	---	e94	e82	e60	83	e180
22	114	126	---	e300	299	472	---	e90	e77	e59	83	198
23	112	132	e470	e290	294	385	---	e87	e84	e62	85	116
24	117	162	e320	e500	286	340	---	e83	e105	e70	84	98
25	118	145	e250	---	261	---	---	e79	e150	e78	87	93
26	120	138	e200	---	231	---	---	e76	e125	e74	86	91
27	136	135	e184	---	222	---	---	e150	e95	e66	88	e180
28	200	130	172	---	---	---	423	267	e82	e64	100	165
29	120	128	167	---	460	---	401	302	e80	e70	99	132
30	108	126	164	e360	---	448	---	200	e78	70	101	108
31	106	---	e200	e230	---	443	---	e140	---	110	116	---
TOTAL	3597	5301	---	---	---	---	---	5545	---	2479	---	3319
MEAN	116	177	---	---	---	---	---	179	---	80.0	---	111
MAX	200	408	---	---	---	---	---	384	---	200	---	198
MIN	101	105	---	---	---	---	---	76	---	59	---	82
CFSM	.38	.57	---	---	---	---	---	.58	---	.26	---	.36
IN.	.43	.64	---	---	---	---	---	.67	---	.30	---	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	79.2	262	310	797	777	728	439	230	211	137	106	105
MAX	180	1546	718	2569	2124	1595	1265	778	1754	628	351	677
(WY)	1994	1949	1946	1949	1950	1944	1940	1946	1939	1946	1950	1950
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1979	1979	1979	1979	1979	1979	1978	1978	1978	1978	1978	1978

SUMMARY STATISTICS	WATER YEARS 1938 - 1996	
ANNUAL MEAN	396	
HIGHEST ANNUAL MEAN	753	1949
LOWEST ANNUAL MEAN	.000	1979
HIGHEST DAILY MEAN	15000	Feb 14 1950
LOWEST DAILY MEAN	.00	Mar 29 1978
ANNUAL SEVEN-DAY MINIMUM	.00	Mar 29 1978
INSTANTANEOUS PEAK FLOW	30600	Mar 17 1973
INSTANTANEOUS PEAK STAGE	15.24	May 27 1991
ANNUAL RUNOFF (CFSM)	1.29	
ANNUAL RUNOFF (INCHES)	17.47	
10 PERCENT EXCEEDS	548	
50 PERCENT EXCEEDS	130	
90 PERCENT EXCEEDS	.00	

e Estimated

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
JAN				
17...	1140	299	39	31
FEB				
21...	1300	334	45	41
APR				
02...	1320	360	59	57

02430615 MUD CREEK NEAR FAIRVIEW, MS

LOCATION.--Lat 34°23'32", long 88°21'17", in NW1/4 NE1/4 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 mi^2.

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 sea level, from topographic map.

REMARKS.--Estimated daily discharges: Nov. 7 - Dec. 5, 10-11, Dec. 25 - Jan. 16, Feb. 2-6, May 2-15, Jun. 18 - Jul. 7, Aug. 15-30, Sept. 1-5. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 23	0130	*875	*9.68	Aug. 12	0645	508	9.09

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	12	e15	e41	32	20	18	19	8.5	e6.4	16	e19
2	5.7	38	e14	e77	e26	18	17	e18	22	e6.1	9.0	e15
3	21	33	e13	e34	e23	17	16	e17	12	e5.8	7.9	e13
4	14	15	e16	e27	e21	16	16	e16	9.1	e5.5	6.8	e11
5	26	12	e14	e24	e21	24	15	e18	8.0	e5.2	6.1	e10
6	11	27	11	e90	e20	44	15	e15	7.4	e5.0	17	10
7	8.7	e70	11	e47	33	42	15	e15	7.2	e6.0	29	8.4
8	8.1	e32	34	e31	37	24	14	e15	28	25	21	7.5
9	7.8	e23	30	e27	26	20	14	e13	14	30	39	7.1
10	7.6	e21	e16	e24	22	19	13	e12	10	8.4	12	7.3
11	7.5	e62	e14	e54	19	18	13	e17	67	6.7	9.1	6.9
12	7.3	e31	14	e43	18	18	13	e15	26	6.1	155	6.6
13	7.6	e25	14	e31	18	17	15	e13	18	6.0	21	6.1
14	8.1	e25	13	e25	17	17	14	e11	13	9.2	17	6.0
15	7.6	e21	15	e22	16	17	16	e9.3	11	14	e14	6.1
16	7.3	e20	39	e19	16	17	13	8.9	9.5	7.7	e12	28
17	7.0	e18	36	33	16	16	13	8.3	8.8	6.6	e11	15
18	7.0	e17	106	27	16	34	13	7.8	e8.0	5.7	e9.8	9.5
19	7.2	e16	49	20	27	55	13	7.5	e7.5	5.3	e9.1	7.9
20	7.6	e16	27	20	21	25	22	7.3	e7.2	5.0	e8.6	8.0
21	7.3	e15	22	19	18	21	101	6.8	e6.8	4.8	e8.3	74
22	7.2	e15	20	18	17	19	99	6.6	e6.6	4.6	e8.2	16
23	7.1	e25	18	58	16	18	251	6.3	e7.5	8.7	e8.1	11
24	7.3	e20	17	25	15	17	36	6.2	e8.3	6.7	e7.7	9.1
25	7.2	e16	e17	38	15	114	28	5.9	e8.8	8.5	e7.5	8.5
26	7.5	e15	e17	36	15	29	25	5.7	e8.1	12	e7.5	8.0
27	36	e16	e16	24	18	25	22	6.0	e7.7	6.9	e8.2	12
28	16	e16	e15	22	62	26	20	83	e7.4	10	e10	15
29	10	e19	e15	22	25	23	24	15	e7.1	15	e8.4	10
30	9.7	e16	e15	29	---	20	22	11	e6.8	14	e30	8.6
31	10	---	e57	22	---	21	---	9.4	---	23	24	---
TOTAL	314.5	707	730	1029	646	811	926	425.0	377.3	289.9	558.3	380.6
MEAN	10.1	23.6	23.5	33.2	22.3	26.2	30.9	13.7	12.6	9.35	18.0	12.7
MAX	36	70	106	90	62	114	251	83	67	30	155	74
MIN	5.1	12	11	18	15	16	13	5.7	6.6	4.6	6.1	6.0
CFSM	.91	2.12	2.12	2.99	2.01	2.36	2.78	1.24	1.13	.84	1.62	1.14
IN.	1.05	2.37	2.45	3.45	2.16	2.72	3.10	1.42	1.26	.97	1.87	1.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1996, BY WATER YEAR (WY)

MEAN	9.76	19.0	29.1	23.7	28.8	31.4	26.0	26.2	14.5	9.52	7.86	8.16
MAX	21.3	46.3	95.7	47.1	78.0	71.3	82.8	134	33.1	19.8	20.9	18.3
(WY)	1976	1987	1991	1979	1991	1980	1991	1991	1989	1994	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1975 - 1996	
ANNUAL TOTAL	7538.9		7194.6			
ANNUAL MEAN	20.7		19.7		19.3	
HIGHEST ANNUAL MEAN					45.2	1991
LOWEST ANNUAL MEAN					9.80	1986
HIGHEST DAILY MEAN	707	Mar 7	251	Apr 23	984	May 3 1993
LOWEST DAILY MEAN	4.2	Jul 26a	4.6	Jul 22	1.4	Aug 17 1988
ANNUAL SEVEN-DAY MINIMUM	4.3	Sep 3	5.7	Jul 16	1.5	Aug 27 1988
INSTANTANEOUS PEAK FLOW			875	Apr 23	1510	May 3 1993
INSTANTANEOUS PEAK STAGE			9.68	Apr 23	10.49	May 3 1993
ANNUAL RUNOFF (CFSM)	1.86		1.77		1.74	
ANNUAL RUNOFF (INCHES)	25.27		24.11		23.65	
10 PERCENT EXCEEDS	33		33		33	
50 PERCENT EXCEEDS	14		15		12	
90 PERCENT EXCEEDS	4.9		6.9		4.3	

e Estimated

a Also occurred on Aug 3,Sept 3, 7-9.

02430680 TWENTYMILE CREEK NEAR GUNTOWN, MS

LOCATION.--Lat 34°27'11", long 88°34'37", in SW1/4 sec.21, T.7 S., R.7 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160101, on downstream side of bridge on county road, and 6.0 mi southeast of Baldwyn, and 6.0 mi east of Guntown.

DRAINAGE AREA.--131 mi^2.

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 sea level.

REMARKS.--Estimated discharges: Oct. 24 - Dec. 6, Jan. 15-16, Feb. 26-29, Mar. 22 - Apr. 10, Apr. 21, Apr. 27 - May 22, Jun. 27 - July. 10. Records good except for estimated 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 23	1215	*13,400a	*26.60a	No other peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.41	e2.1	e10	179	173	141	e130	e115	12	e16	719	23
2	.38	e7.0	e11	107	211	114	e110	e100	243	e14	35	114
3	.89	e19	e8.9	112	209	94	e86	e85	65	e13	18	51
4	2.8	e7.5	e38	1150	209	81	e70	e72	29	e12	12	19
5	4.2	e3.4	e17	199	204	1070	e62	e60	20	e11	7.9	13
6	3.2	e6.2	e11	108	271	727	e54	e53	16	e11	6.7	9.2
7	1.9	e150	15	93	1720	253	e50	e47	13	e59	4.9	8.3
8	1.1	e68	95	86	879	168	e47	e42	841	e53	11	7.2
9	.73	e11	271	1420	360	134	e48	e37	563	e25	23	6.0
10	.74	e7.5	37	265	204	112	e49	e34	118	e14	8.2	4.9
11	.75	e289	27	147	151	164	49	e48	165	6.9	39	4.0
12	.73	e75	25	107	137	366	47	e46	185	5.0	192	2.7
13	.73	e22	22	86	123	739	51	e40	48	4.0	28	1.9
14	1.1	e18	21	79	106	155	56	e33	34	5.2	14	1.4
15	1.0	e12	754	e78	95	1630	91	e26	27	7.2	7.8	1.6
16	.96	e10	623	e76	108	649	59	e23	23	5.7	5.6	11
17	.92	e9.2	1360	75	119	495	46	e20	19	5.4	4.9	27
18	.85	e8.1	634	489	389	127	42	e18	26	4.0	4.2	10
19	.80	e7.2	96	276	196	93	51	e16	27	2.8	2.9	5.8
20	.87	e6.7	70	122	150	79	1350	e15	17	2.2	2.5	4.3
21	1.1	e6.2	56	112	128	66	e4400	e14	14	1.9	2.3	703
22	.72	e5.7	48	92	112	e62	2200	e13	12	1.9	2.2	47
23	.57	e12	42	1070	115	e59	6080	13	11	3.3	2.0	20
24	e1.1	e14	39	792	522	e200	713	12	32	12	2.0	13
25	e1.1	e8.6	35	199	325	e1400	313	11	57	28	1.9	9.7
26	e1.4	e7.2	32	1390	e200	e450	247	10	38	12	1.7	8.5
27	e12	e6.7	30	319	e250	e300	e200	9.2	e24	5.7	2.9	557
28	e10	e6.7	29	172	e450	e250	e175	123	e20	4.4	29	642
29	e3.1	e6.5	838	142	e180	e210	e150	82	e19	32	13	66
30	e1.7	e5.7	862	332	---	e180	e130	26	e18	37	164	28
31	e1.6	---	674	182	---	e150	---	16	---	204	229	---
TOTAL	59.45	818.2	6830.9	10056	8296	10718	17156	1259.2	2736	618.6	1596.6	2419.5
MEAN	1.92	27.3	220	324	286	346	572	40.6	91.2	20.0	51.5	80.6
MAX	12	289	1360	1420	1720	1630	6080	123	841	204	719	703
MIN	.38	2.1	8.9	75	95	59	42	9.2	11	1.9	1.7	1.4
CFSM	.01	.21	1.68	2.48	2.18	2.64	4.37	.31	.70	.15	.39	.62
IN.	.02	.23	1.94	2.86	2.36	3.04	4.87	.36	.78	.18	.45	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 1996, BY WATER YEAR (WY)

MEAN	27.0	224	431	299	472	350	316	335	136	40.1	43.0	19.9
MAX	97.7	785	1157	898	1195	652	912	1946	711	282	329	80.6
(WY)	1986	1984	1992	1989	1990	1994	1991	1991	1989	1989	1992	1996
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1982 - 1996	
ANNUAL TOTAL	49119.09		62564.45			
ANNUAL MEAN	135		171		225	
HIGHEST ANNUAL MEAN					435	1991
LOWEST ANNUAL MEAN					66.6	1988
HIGHEST DAILY MEAN	7980	Mar 3	6080	Apr 23	15500	May 26 1991
LOWEST DAILY MEAN	.38	Oct 2	.38	Oct 2	.00	Aug 19 1988
ANNUAL SEVEN-DAY MINIMUM	.76	Sep 27	.83	Oct 9	.05	Aug 14 1988
INSTANTANEOUS PEAK FLOW			13400a	Apr 23	41500	May 27 1991
INSTANTANEOUS PEAK STAGE			26.60a	Apr 23	30.88	May 27 1991
INSTANTANEOUS LOW FLOW			.32	Oct 2	.00	Aug 19 1988
ANNUAL RUNOFF (CFSM)	1.03		1.30		1.72	
ANNUAL RUNOFF (INCHES)	13.95		17.77		23.30	
10 PERCENT EXCEEDS	202		407		381	
50 PERCENT EXCEEDS	32		35		42	
90 PERCENT EXCEEDS	1.3		2.2		2.0	

e Estimated

a May have been higher during period of missing record Apr. 21.

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
JAN				
17...	1330	75	64	13
FEB				
21...	0945	127	101	35
APR				
02...	0930	131	114	40

02430880 CUMMINGS CREEK NEAR FULTON, MS

LOCATION.--Lat 34°18'16", long 88°22'16", in NE1/4 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 mi^2.

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

GAGE.--Water-stage recorder. Elevation of gage is 295 ft. above sea level, from topographic map.

REMARKS.--Estimated daily discharges: Oct. 1-26, 28-31, Nov. 1-6, 8-10, 12-30, Dec. 1-8, 10-15, 20-30, Jan. 4-5, 8-10, 13-23, 25,30-31, Feb. 1, 3-6, 10-27, Mar. 1-5, 9-17, 21-23, 29-31, Apr. 1-19, 27-28, 30, May 1-22, Jun. 7, 20-30, Jul. 1-7, 10, 12-14, 16-30, Aug. 2-8, 10-11, 14-24, Sept. 23-26. Records poor. U.S. Army Corps of Engineers radio telemeter at station.

REVISION.--The maximum discharge for the 1995 water year have been revised to 834 ft^3/s on Feb. 16, 1995. This figure supersedes that published in the report for 1995.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e11	e24	e25	39	e46	e27	e22	e32	33	e15	9.1	10
2	e12	e50	e24	86	36	e27	e22	e30	56	e15	e9.0	13
3	e29	e51	e23	33	e22	e27	e22	e29	42	e15	e8.0	12
4	e23	e29	e27	e28	e23	e27	e22	e27	34	e14	e8.0	12
5	e34	e23	e22	e28	e23	e31	e22	e29	34	e14	e8.0	12
6	e18	e42	e18	104	e22	82	e22	e26	30	e14	e7.0	14
7	e15	61	e18	37	30	49	e22	e25	e30	e13	e7.0	13
8	e14	e52	e47	e49	34	29	e22	e25	54	22	e21	11
9	e15	e38	39	e45	28	e27	e22	e23	38	12	15	11
10	e14	e35	e29	e40	e22	e27	e22	e21	30	e14	e12	12
11	e14	62	e26	69	e22	e26	e21	e27	108	8.8	e10	13
12	e14	e40	e26	42	e22	e25	e21	e25	57	e12	79	15
13	e14	e30	e25	e49	e21	e25	e21	e21	50	e12	8.7	19
14	e15	e41	e23	e43	e21	e24	e21	e20	38	e15	e8.0	20
15	e14	e35	e25	e38	e21	e23	e21	e19	26	11	e8.0	19
16	e14	e33	44	e32	e20	e23	e21	e19	26	e10	e8.0	28
17	e13	e30	39	e30	e20	e23	e21	e19	28	e10	e8.0	33
18	e13	e29	128	e55	e20	83	e21	e18	28	e10	e8.0	17
19	e14	e27	69	e49	e28	41	e21	e17	25	e10	e7.0	15
20	e15	e27	e47	e34	e24	27	36	e16	e18	e10	e7.0	16
21	e14	e26	e38	e34	e23	e26	192	e15	e18	e10	e7.0	53
22	e14	e26	e36	e31	e27	e25	86	e15	e17	e9.0	e7.0	12
23	e14	e38	e31	e61	e27	e25	262	38	e17	e14	e6.0	e12
24	e14	e33	e29	49	e27	116	72	47	e17	e15	e6.0	e12
25	e14	e28	e30	e52	e26	51	60	41	e18	e18	6.2	e13
26	e15	e26	e29	64	e26	28	60	39	e18	e23	7.9	e15
27	64	e27	e27	40	e27	35	e41	52	e17	e14	9.8	18
28	e30	e27	e26	24	108	28	e34	85	e17	e17	10	24
29	e21	e30	e26	23	31	e23	58	50	e16	e23	9.7	23
30	e20	e27	e25	e22	---	e22	e36	40	e16	e24	16	22
31	e22	---	58	e38	---	e22	---	35	---	16	14	---
TOTAL	567	1047	1079	1368	827	1074	1346	925	956	439.8	355.4	519
MEAN	18.3	34.9	34.8	44.1	28.5	34.6	44.9	29.8	31.9	14.2	11.5	17.3
MAX	64	62	128	104	108	116	262	85	108	24	79	53
MIN	11	23	18	22	20	22	21	15	16	8.8	6.0	10
CFSM	.96	1.83	1.82	2.31	1.49	1.81	2.35	1.56	1.67	.74	.60	.91
IN.	1.10	2.04	2.10	2.66	1.61	2.09	2.62	1.80	1.86	.86	.69	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1996, BY WATER YEAR (WY)

MEAN	18.6	32.1	45.4	40.8	48.5	52.3	45.8	42.5	24.4	17.1	14.7	16.3
MAX	42.6	71.4	135	80.6	106	116	108	173	58.2	38.1	38.1	37.0
(WY)	1976	1987	1991	1979	1991	1980	1983	1991	1991	1989	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
(WY)	1991	1982	1982	1986	1986	1982	1986	1988	1988	1988	1988	1986

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1975 - 1996	
ANNUAL TOTAL	12726.7		10503.2			
ANNUAL MEAN	34.9		28.7		33.0	
HIGHEST ANNUAL MEAN					65.0	1991
LOWEST ANNUAL MEAN					17.2	1986
HIGHEST DAILY MEAN	789	Feb 16	262	Apr 23	1200	Dec 3 1983
LOWEST DAILY MEAN	7.6	Sep 6	6.0	Aug 23	2.1	Aug 28 1988
ANNUAL SEVEN-DAY MINIMUM	8.2	Sep 5	6.6	Aug 19	2.8	Aug 22 1988
INSTANTANEOUS PEAK FLOW			613	Apr 23	2350	May 27 1991
INSTANTANEOUS PEAK STAGE			10.37	Apr 23	12.71	May 27 1991
ANNUAL RUNOFF (CFSM)	1.83		1.50		1.73	
ANNUAL RUNOFF (INCHES)	24.79		20.46		23.45	
10 PERCENT EXCEEDS	60		50		59	
50 PERCENT EXCEEDS	26		23		22	
90 PERCENT EXCEEDS	10		11		9.2	

e Estimated

02431000 TOMBIGBEE RIVER NEAR FULTON, MS

LOCATION.--Lat 34°15'53", long 88°26'42", in SE1/4 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 mi^2, 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 sea level. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 23	2200	*13,600	*18.76	No other peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	107	201	1540	1250	1060	1430	945	200	117	948	235
2	118	128	205	1900	1210	904	1000	823	230	121	479	166
3	144	294	212	2180	1080	761	855	712	627	121	185	294
4	127	293	278	1760	924	640	769	613	330	123	158	206
5	122	173	246	1460	759	572	674	536	229	118	136	142
6	119	142	236	1540	675	1720	622	463	196	115	130	124
7	109	353	217	2240	709	3580	592	393	183	116	128	116
8	107	768	254	1830	1420	3860	540	342	682	141	142	112
9	100	371	833	1510	2220	2910	517	334	1830	331	141	109
10	98	264	669	1200	2420	2070	468	314	1890	199	189	109
11	99	659	456	1100	2150	1540	434	316	2080	120	143	112
12	97	991	377	2110	1730	1200	406	442	2230	104	649	103
13	154	574	350	1940	1370	946	392	392	1580	100	657	104
14	137	464	328	1620	1060	803	393	322	1170	101	351	101
15	102	418	313	1320	855	726	431	296	828	117	226	103
16	96	373	990	989	712	756	511	272	534	117	181	106
17	103	327	1240	794	618	1090	417	250	352	109	144	132
18	112	297	2040	728	570	850	363	227	280	106	120	168
19	101	263	3830	1380	551	1980	350	209	240	99	110	126
20	99	240	3990	1090	822	2540	577	192	217	96	110	113
21	102	229	2800	840	805	2080	2200	185	194	94	107	403
22	103	213	1920	778	666	1730	6770	177	174	89	105	920
23	104	232	1340	689	629	1380	10200	168	154	90	105	287
24	104	284	914	1610	599	1050	11500	163	174	102	107	162
25	104	306	660	2120	545	2160	6830	156	172	111	102	130
26	107	258	513	1780	503	4540	3600	149	243	122	102	120
27	134	234	417	2480	481	3650	2280	147	187	108	101	250
28	211	228	352	2240	1260	2740	1580	232	133	96	103	886
29	199	220	311	1770	1390	2010	1170	426	119	96	132	694
30	125	207	287	1460	---	1550	1140	341	121	116	120	228
31	111	---	459	1360	---	1290	---	218	---	138	466	---
TOTAL	3664	9910	27238	47358	29983	54688	59011	10755	17579	3733	6877	6861
MEAN	118	330	879	1528	1034	1764	1967	347	586	120	222	229
MAX	211	991	3990	2480	2420	4540	11500	945	2230	331	948	920
MIN	96	107	201	689	481	572	350	147	119	89	101	101
CFSM	.19	.54	1.44	2.50	1.69	2.88	3.21	.57	.96	.20	.36	.37
IN.	.22	.60	1.66	2.88	1.82	3.32	3.59	.65	1.07	.23	.42	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1996, BY WATER YEAR (WY)

MEAN	210	637	1392	1212	1875	1544	1021	1187	671	292	245	172
MAX	382	2056	4885	3273	4652	2771	3244	7724	2880	1232	931	408
(WY)	1990	1987	1992	1989	1990	1995	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1985 - 1996	
ANNUAL TOTAL	258154		277657			
ANNUAL MEAN	707		759		867	
HIGHEST ANNUAL MEAN					1837	1991
LOWEST ANNUAL MEAN					353	1988
HIGHEST DAILY MEAN	20600	Mar 8	11500	Apr 24	55100	May 27 1991
LOWEST DAILY MEAN	85	Sep 15	89	Jul 22	33	Oct 5 1984
ANNUAL SEVEN-DAY MINIMUM	92	Aug 29	97	Jul 18	36	Oct 1 1984
INSTANTANEOUS PEAK FLOW			13600	Apr 23	82200a	Mar 22 1955
INSTANTANEOUS PEAK STAGE			18.76	Apr 23	27.72	May 27 1991
ANNUAL RUNOFF (CFSM)	1.16		1.24		1.42	
ANNUAL RUNOFF (INCHES)	15.69		16.88		19.24	
10 PERCENT EXCEEDS	1350		1910		1820	
50 PERCENT EXCEEDS	342		332		340	
90 PERCENT EXCEEDS	102		106		109	

a Gage Height, 25.75 ft, from rating curve extended above 48,000 ft^3/s on basis of estimate of flow by indirect methods.

02431000 TOMBIGBEE RIVER NEAR FULTON, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.31	7.04	7.39	14.01	12.92	12.13	13.62	11.64	7.96	7.22	11.63	8.17
2	7.26	7.24	7.42	14.96	12.77	11.45	11.89	11.06	8.13	7.27	9.45	7.68
3	7.44	8.43	7.47	15.52	12.22	10.78	11.22	10.55	10.15	7.26	7.83	8.54
4	7.23	8.47	7.95	14.73	11.54	10.20	10.82	10.07	8.76	7.28	7.62	7.99
5	7.19	7.66	7.73	13.74	10.77	9.89	10.37	9.74	8.17	7.23	7.41	7.46
6	7.16	7.39	7.65	13.94	10.37	13.94	10.11	9.42	7.93	7.20	7.35	7.29
7	7.05	8.67	7.51	15.60	10.53	16.67	9.97	9.09	7.83	7.21	7.34	7.21
8	7.03	10.73	7.74	14.89	13.53	16.82	9.75	8.83	10.20	7.46	7.47	7.16
9	6.96	8.89	10.98	13.93	15.56	16.26	9.65	8.79	14.91	8.71	7.45	7.14
10	6.93	8.31	10.10	12.71	15.86	15.33	9.44	8.68	15.07	8.12	7.87	7.13
11	6.94	10.18	9.00	12.26	15.48	14.03	9.29	8.69	15.35	7.41	7.47	7.16
12	6.91	11.67	8.57	15.39	14.65	12.72	9.15	9.31	15.58	7.21	10.20	7.07
13	7.49	9.60	8.41	15.13	13.41	11.64	9.09	9.08	14.14	7.17	10.29	7.08
14	7.33	9.04	8.28	14.30	12.14	10.97	9.09	8.73	12.59	7.18	8.86	7.05
15	6.98	8.80	8.18	13.20	11.22	10.62	9.27	8.58	11.09	7.38	8.14	7.07
16	6.91	8.55	11.59	11.83	10.55	10.75	9.63	8.44	9.72	7.37	7.81	7.10
17	6.99	8.27	12.87	10.93	10.09	12.27	9.20	8.30	8.88	7.28	7.49	7.37
18	7.09	8.08	15.25	10.62	9.88	11.19	8.94	8.15	8.48	7.25	7.25	7.70
19	6.97	7.85	16.72	13.44	9.80	14.89	8.87	8.02	8.24	7.15	7.15	7.31
20	6.95	7.68	16.87	12.24	11.06	15.96	9.91	7.90	8.08	7.12	7.15	7.18
21	6.98	7.60	16.16	11.15	10.98	15.38	15.36	7.84	7.92	7.08	7.11	8.88
22	6.99	7.48	15.04	10.86	10.33	14.65	17.51	7.78	7.76	7.01	7.09	11.49
23	7.00	7.62	13.27	10.44	10.15	13.41	18.15	7.70	7.58	7.03	7.09	8.49
24	7.00	8.00	11.49	13.90	10.00	12.08	18.39	7.66	7.75	7.18	7.11	7.65
25	7.00	8.14	10.30	15.42	9.77	14.59	17.52	7.60	7.74	7.30	7.05	7.35
26	7.03	7.81	9.63	14.77	9.59	17.07	16.67	7.53	8.24	7.44	7.05	7.25
27	7.30	7.63	9.21	15.89	9.50	16.71	15.63	7.51	7.85	7.27	7.04	7.98
28	7.94	7.59	8.88	15.60	12.85	16.13	14.15	8.15	7.38	7.12	7.07	11.35
29	7.85	7.53	8.66	14.75	13.48	15.23	12.58	9.24	7.24	7.10	7.37	10.47
30	7.22	7.44	8.53	13.73	---	14.06	12.49	8.82	7.26	7.36	7.25	8.15
31	7.08	---	9.35	13.36	---	13.07	---	8.08	---	7.61	9.26	---
MEAN	7.15	8.31	10.26	13.65	11.76	13.58	11.92	8.74	9.60	7.32	7.86	7.90
MAX	7.94	11.67	16.87	15.89	15.86	17.07	18.39	11.64	15.58	8.71	11.63	11.49
MIN	6.91	7.04	7.39	10.44	9.50	9.89	8.87	7.51	7.24	7.01	7.04	7.05

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	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)
JAN					
16...	1440	986	106	282	--
FEB					
21...	1550	756	129	263	--
MAR					
06...	0715	1220	500	1650	--
06...	1105	1720	1130	5250	--
06...	1510	2060	1220	6790	--
07...	0830	3400	570	5230	56
07...	1630	3790	553	5660	--
07...	1940	3950	482	5140	--
19...	1300	2120	1070	6120	--
19...	1700	2340	741	4680	--
19...	2130	2580	428	2980	68
20...	0740	2700	303	2210	--
20...	1030	2600	267	1870	--
APR					
02...	1645	941	160	407	--

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										
07...	0830	28	35	39	45	52	56	66	99	100
19...	2130	31	42	47	54	63	68	77	97	100

02432500 BULL MOUNTAIN CREEK AT TREMONT, MS

LOCATION.--Lat 34°14'20", long 88°16'15", in NE1/4 SW1/4 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 mi^2.

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 sea level (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 ft^3/s not determined. U. S. Army Corps of Engineers radio telemeter at station.

AVERAGE DISCHARGE.--21 years (water years 1944-64), 212 ft^3/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 ft^3/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 7.91 ft, Mar. 7, minimum discharge, 17 ft^3/s, Jul. 5-7.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	40	78	---	---	---	---	174	45	20	124	59
2	20	51	74	---	---	---	---	155	44	20	69	45
3	23	87	71	---	---	183	---	140	50	19	46	48
4	37	79	88	---	---	163	191	128	51	19	39	48
5	70	60	98	---	189	160	180	117	42	18	33	42
6	90	54	82	---	197	---	170	110	38	18	28	36
7	45	127	75	---	---	---	163	105	35	18	49	32
8	33	---	84	---	---	---	154	130	36	24	57	31
9	29	123	---	---	---	---	148	104	61	98	115	29
10	27	92	---	---	---	---	139	92	54	61	90	32
11	26	164	177	---	---	---	132	84	64	31	48	39
12	25	---	146	---	---	---	129	85	131	26	152	31
13	24	163	129	---	192	---	130	80	73	23	162	27
14	26	139	116	---	182	---	133	76	55	25	86	26
15	34	124	108	---	175	---	141	73	47	40	62	25
16	33	109	178	---	161	192	143	67	41	42	52	46
17	27	99	---	---	149	180	122	63	36	28	44	194
18	25	91	---	---	145	172	117	59	33	24	41	104
19	24	85	---	---	147	---	120	55	31	24	37	63
20	25	80	---	---	---	---	129	52	30	22	33	49
21	28	74	---	---	185	---	---	48	28	20	31	105
22	28	70	---	---	162	---	---	46	26	19	30	195
23	25	74	---	185	153	---	---	44	25	30	29	98
24	24	117	181	---	145	191	---	41	25	60	34	69
25	24	96	162	---	133	---	---	38	41	32	28	56
26	24	84	148	---	127	---	---	36	28	28	30	51
27	40	80	137	---	127	---	---	36	26	25	39	119
28	150	77	128	---	---	---	---	60	24	28	33	---
29	79	85	118	---	---	---	196	90	22	57	36	162
30	49	88	113	---	---	---	199	57	21	46	34	105
31	42	---	127	---	---	---	---	50	---	71	54	---
TOTAL	1177	---	---	---	---	---	---	2495	1263	1016	1745	---
MEAN	38.0	---	---	---	---	---	---	80.5	42.1	32.8	56.3	---
MAX	150	---	---	---	---	---	---	174	131	98	162	---
MIN	20	---	---	---	---	---	---	36	21	18	28	---
CFSM	.28	---	---	---	---	---	---	.59	.31	.24	.41	---
IN.	.32	---	---	---	---	---	---	.68	.35	.28	.48	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1996, BY WATER YEAR (WY)

MEAN	40.0	125	225	359	477	447	328	161	71.3	53.9	38.6	42.5
MAX	118	714	1132	1027	1095	907	902	681	188	149	124	256
(WY)	1961	1958	1962	1949	1948	1955	1962	1963	1974	1989	1950	1950
MIN	13.4	26.1	41.5	64.4	113	136	60.7	36.3	13.2	12.8	8.82	7.18
(WY)	1944	1944	1944	1956	1978	1985	1986	1992	1988	1990	1988	1954

SUMMARY STATISTICS	WATER YEARS 1944 - 1996	
ANNUAL MEAN	213	
HIGHEST ANNUAL MEAN	361	1962
LOWEST ANNUAL MEAN	125	1954
HIGHEST DAILY MEAN	10300	Mar 21 1955
LOWEST DAILY MEAN	4.0	Aug 18 1988
ANNUAL SEVEN-DAY MINIMUM	4.5	Aug 27 1988
ANNUAL RUNOFF (CFSM)	1.56	
ANNUAL RUNOFF (INCHES)	21.25	
10 PERCENT EXCEEDS	292	
50 PERCENT EXCEEDS	79	
90 PERCENT EXCEEDS	21	

02433500 TOMBIGBEE RIVER AT BIGBEE, MS

LOCATION.--Lat 34° 00'42", long 88° 30'50", in SW1/4 NE1/4 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 mi^2, prior to construction of Tennessee-Tombigbee Waterway.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1944 to September 1954, October 1963 to current year. Daily mean gage heights published since October 1985. 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 sea level (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: Oct. 1-4, Feb. 4-6. Records good except for periods of 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 ft^3/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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 22	0230	12,300	14.65	Apr. 25	0945	*20,000	*17.15

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e300	283	684	2910	3050	3050	2600	2180	351	254	1110	628
2	e600	728	482	6450	3850	2660	2400	2110	324	243	1260	746
3	e800	977	816	4660	3120	1850	2000	1450	401	248	834	434
4	e900	483	536	4140	e2300	1550	2070	1480	867	248	398	610
5	563	689	924	4160	e2000	1530	1580	1670	416	248	338	401
6	324	873	605	5500	e1800	4330	1500	948	334	245	317	328
7	287	1240	625	6730	2200	6660	1220	1010	394	246	306	297
8	273	1540	1160	4790	3010	6430	1340	924	1350	2340	324	281
9	261	1470	3960	4700	3830	6930	1130	786	2190	745	1530	269
10	257	998	2760	3820	3550	5720	834	832	1890	494	427	264
11	251	2100	1640	3330	3590	4210	780	881	2820	402	680	263
12	242	2380	1190	5230	3260	3100	897	797	3500	301	2260	264
13	390	2190	704	3800	2850	2440	964	598	3850	373	1580	254
14	278	1480	1020	4030	2570	2240	989	543	2870	265	1460	252
15	310	903	838	3510	2060	1630	1490	487	1740	354	610	255
16	272	957	2970	2660	1440	1400	959	539	1200	361	428	1030
17	258	718	3040	2240	1460	1990	1140	612	661	348	371	1150
18	322	754	5350	1870	1320	1890	697	406	536	413	328	372
19	263	849	9500	2800	1500	4620	1200	385	605	277	299	357
20	259	572	6110	2880	2120	3760	1680	780	600	266	281	308
21	254	759	5660	2270	2100	3920	6570	340	426	307	273	1980
22	253	711	5630	1890	1600	3610	9660	441	379	255	267	2270
23	245	658	4020	1480	1490	3180	15300	366	349	707	264	1100
24	243	812	2800	4150	1330	2470	18500	524	588	337	261	816
25	238	810	2180	3610	1240	7140	18700	291	344	354	260	403
26	237	909	1620	4490	1070	6080	13000	286	610	321	258	402
27	1010	602	1490	6230	853	5020	7360	553	395	620	262	711
28	613	612	1050	4470	4880	5510	4870	1120	347	566	309	790
29	476	524	1190	4460	3570	4660	3580	505	286	427	278	1040
30	700	533	736	3730	---	4180	2950	648	267	618	315	1050
31	381	---	1580	3270	---	3290	---	776	---	916	388	---
TOTAL	12060	29114	72870	120260	69013	117050	127960	25268	30890	14099	18276	19325
MEAN	389	970	2351	3879	2380	3776	4265	815	1030	455	590	644
MAX	1010	2380	9500	6730	4880	7140	18700	2180	3850	2340	2260	2270
MIN	237	283	482	1480	853	1400	697	286	267	243	258	252
CFSM	.32	.79	1.92	3.16	1.94	3.08	3.48	.66	.84	.37	.48	.53
IN.	.37	.88	2.21	3.65	2.09	3.55	3.88	.77	.94	.43	.55	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1996, BY WATER YEAR (WY)

MEAN	516	1163	2891	2412	3780	3285	2352	2641	1315	634	477	530
MAX	919	3666	9297	5869	9187	6211	7958	17810	4383	1900	897	1770
(WY)	1985	1987	1991	1989	1991	1995	1991	1991	1989	1989	1993	1993
MIN	247	341	593	343	858	925	382	331	242	283	219	209
(WY)	1988	1991	1986	1986	1986	1988	1986	1988	1988	1988	1987	1986

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1985 - 1996	
ANNUAL TOTAL	685551		656185			
ANNUAL MEAN	1878		1793		1824	
HIGHEST ANNUAL MEAN					4530	1991
LOWEST ANNUAL MEAN					613	1988
HIGHEST DAILY MEAN	32800	Mar 9	18700	Apr 25	89500	May 28 1991
LOWEST DAILY MEAN	230	Sep 8	237	Oct 26	54	Oct 7 1984
ANNUAL SEVEN-DAY MINIMUM	243	Sep 2	247	Oct 20	83	Oct 1 1984
INSTANTANEOUS PEAK FLOW			20000	Apr 25	112000	Mar 17 1973
INSTANTANEOUS PEAK STAGE			17.15	Apr 25	27.64	Mar 17 1973
INSTANTANEOUS LOW FLOW			227	Oct 27	29	Sep 15 1954
ANNUAL RUNOFF (CFSM)	1.53		1.46		1.49	
ANNUAL RUNOFF (INCHES)	20.80		19.91		20.21	
10 PERCENT EXCEEDS	3630		4250		3870	
50 PERCENT EXCEEDS	900		906		734	
90 PERCENT EXCEEDS	263		268		262	

e Estimated

02433500 TOMBIGBEE RIVER AT BIGBEE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	4.04	4.49	7.33	7.66	7.66	6.93	6.45	4.16	3.85	5.22	4.58
2	---	4.78	4.19	11.28	8.84	7.02	6.63	6.44	4.09	3.82	5.38	4.70
3	---	5.09	4.62	9.76	7.73	5.98	6.14	5.64	4.26	3.84	4.87	4.27
4	---	4.48	4.30	9.17	---	5.66	6.23	5.67	4.95	3.84	4.22	4.58
5	4.53	4.80	4.81	9.21	---	5.62	5.67	5.88	4.30	3.83	4.08	4.21
6	4.15	4.93	4.40	10.37	---	9.38	5.58	5.08	4.12	3.83	4.03	4.04
7	4.05	5.41	4.44	11.61	6.43	11.60	5.28	5.15	4.21	3.83	4.00	3.97
8	4.01	5.74	5.14	9.94	7.57	11.43	5.41	5.03	5.41	6.71	4.02	3.92
9	3.97	5.63	8.88	9.84	8.80	11.82	5.17	4.86	6.46	4.75	5.69	3.89
10	3.96	5.04	7.14	8.79	8.43	10.82	4.84	4.90	6.10	4.40	4.26	3.87
11	3.94	6.31	5.63	7.99	8.49	9.26	4.78	4.95	7.35	4.22	4.62	3.87
12	3.91	6.58	5.12	10.36	8.00	7.74	4.91	4.85	8.28	3.98	6.65	3.87
13	4.24	6.31	4.56	8.78	7.31	6.74	4.98	4.63	8.76	4.15	5.73	3.84
14	4.02	5.45	4.92	9.07	6.90	6.48	5.01	4.54	7.39	3.89	5.59	3.84
15	4.11	4.81	4.71	8.34	6.28	5.73	5.56	4.44	5.90	4.11	4.59	3.85
16	4.00	4.87	7.52	6.99	5.51	5.47	4.99	4.51	5.32	4.13	4.27	4.97
17	3.96	4.58	7.58	6.44	5.53	6.15	5.18	4.60	4.68	4.10	4.15	5.18
18	4.11	4.60	10.31	6.06	5.39	6.05	4.66	4.28	4.48	4.23	4.04	4.15
19	3.98	4.70	13.31	7.25	5.62	9.74	5.23	4.24	4.59	3.92	3.97	4.11
20	3.97	4.36	11.17	7.36	6.29	8.71	5.77	4.78	4.57	3.89	3.92	3.99
21	3.95	4.59	10.80	6.49	6.26	8.93	10.85	4.13	4.28	3.98	3.90	6.27
22	3.95	4.51	10.77	6.03	5.69	8.52	13.35	4.31	4.17	3.85	3.88	6.54
23	3.93	4.45	8.97	5.56	5.58	7.87	15.56	4.17	4.11	4.55	3.87	5.19
24	3.92	4.67	7.18	9.06	5.40	6.77	16.75	4.44	4.50	4.02	3.87	4.79
25	3.90	4.67	6.29	8.50	5.30	11.27	16.81	4.01	4.09	4.11	3.86	4.21
26	3.90	4.77	5.61	9.40	5.12	11.00	14.85	3.99	4.54	4.04	3.85	4.17
27	4.99	4.41	5.46	11.26	4.87	10.17	12.04	4.41	4.21	4.42	3.87	4.57
28	4.67	4.40	4.98	9.57	9.35	10.66	9.99	5.26	4.10	4.40	3.99	4.72
29	4.45	4.28	5.12	9.57	8.20	9.79	8.49	4.47	3.94	4.27	3.91	5.14
30	4.71	4.29	4.61	8.66	---	9.21	7.52	4.70	3.89	4.49	4.00	5.10
31	4.22	---	5.56	7.97	---	8.04	---	4.81	---	4.81	4.14	---
MEAN	---	4.92	6.54	8.65	---	8.43	7.84	4.83	5.04	4.20	4.40	4.48
MAX	---	6.58	13.31	11.61	---	11.82	16.81	6.45	8.76	6.71	6.65	6.54
MIN	---	4.04	4.19	5.56	---	5.47	4.66	3.99	3.89	3.82	3.85	3.84

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
JAN				
22...	1630	2360	64	408
FEB				
28...	1025	2750	776	5760
APR				
11...	1030	774	38	79

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 mi^2, 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 sea level.

REMARKS.--Estimated daily discharges: Feb. 3-7, 16-19, 22-23, 25-27, Apr. 2-20, Aug. 6-8, 10-11, 15-27, 29-30, Sept. 1-6. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr.23	0615	*7,870	*21.39	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	15	47	765	389	318	161	379	41	31	563	e33
2	11	36	51	1460	417	248	e125	294	390	28	168	e44
3	21	74	43	546	e350	197	e110	209	138	25	110	e47
4	15	38	124	371	e300	176	e105	147	92	23	80	e25
5	19	21	70	290	e360	231	e100	121	54	22	62	e18
6	13	33	51	1510	e320	1440	e95	102	42	20	e43	e17
7	11	342	44	765	e300	1440	e90	88	34	20	e60	18
8	10	191	235	407	1090	579	e86	82	1580	128	e50	15
9	10	51	675	326	1150	438	e84	70	708	111	65	13
10	11	38	153	276	666	366	e100	60	322	34	e40	12
11	11	553	90	1020	531	301	e129	89	1620	29	e130	11
12	10	206	76	976	426	267	e110	83	454	24	409	9.0
13	10	83	67	492	342	237	e100	58	234	22	108	6.9
14	12	71	59	365	283	214	e95	51	300	46	70	6.4
15	10	55	394	276	244	196	e120	48	205	56	e45	6.8
16	10	48	951	231	e210	230	e110	44	135	32	e35	28
17	9.5	44	970	202	e190	311	e100	39	80	26	e30	48
18	9.9	40	2480	390	e175	329	e96	35	165	22	e25	18
19	9.3	37	1460	570	e160	1530	e93	30	172	20	e36	16
20	9.7	35	688	314	349	581	e900	26	56	20	e35	15
21	8.6	33	486	269	261	444	3160	22	44	19	e34	767
22	8.9	31	377	225	e210	367	1850	22	37	20	e33	230
23	9.1	52	280	201	e190	296	5110	20	38	30	e30	92
24	9.5	59	196	1610	279	258	1620	19	42	39	e25	47
25	9.1	42	157	569	e200	2690	1120	17	51	40	e18	30
26	11	37	131	1100	e140	837	889	16	233	40	e15	21
27	53	35	116	899	e130	470	716	29	55	62	e20	483
28	48	35	103	519	1280	384	606	153	36	41	101	671
29	20	34	96	426	453	333	642	89	36	285	e45	336
30	13	31	92	379	---	247	538	95	34	189	e26	220
31	12	---	661	554	---	199	---	48	---	421	84	---
TOTAL	435.6	2400	11423	18303	11395	16154	19160	2585	7428	1925	2595	3304.1
MEAN	14.1	80.0	368	590	393	521	639	83.4	248	62.1	83.7	110
MAX	53	553	2480	1610	1280	2690	5110	379	1620	421	563	767
MIN	8.6	15	43	201	130	176	84	16	34	19	15	6.4
CFSM	.06	.34	1.58	2.53	1.69	2.24	2.74	.36	1.06	.27	.36	.47
IN.	.07	.38	1.82	2.92	1.82	2.58	3.06	.41	1.19	.31	.41	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1996, BY WATER YEAR (WY)

MEAN	80.4	308	695	727	696	846	588	561	233	86.2	54.2	52.9
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1971 - 1996	
ANNUAL TOTAL	96177.6		97107.7			
ANNUAL MEAN	264		265		410	
HIGHEST ANNUAL MEAN					903	1983
LOWEST ANNUAL MEAN					97.4	1988
HIGHEST DAILY MEAN	7030	Mar 7	5110	Apr 23	26200	May 27 1991
LOWEST DAILY MEAN	5.9	Jul 27	6.4	Sep 14	.42	Aug 25 1988
ANNUAL SEVEN-DAY MINIMUM	7.7	Jul 22	9.2	Oct 19	.80	Aug 21 1988
INSTANTANEOUS PEAK FLOW			7870	Apr 23	37900	May 27 1991
INSTANTANEOUS PEAK STAGE			21.39	Apr 23	27.80	May 27 1991
ANNUAL RUNOFF (CFSM)	1.13		1.14		1.76	
ANNUAL RUNOFF (INCHES)	15.36		15.50		23.89	
10 PERCENT EXCEEDS	643		667		820	
50 PERCENT EXCEEDS	80		92		96	
90 PERCENT EXCEEDS	11		15		7.6	

e Estimated

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

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.31	2.35	2.60	4.67	3.65	3.45	3.34	3.70	2.59	2.56	4.15	---
2	2.31	2.53	2.63	6.57	3.73	3.25	---	3.46	3.69	2.54	3.08	---
3	2.42	2.74	2.58	4.13	---	3.11	---	3.22	3.00	2.51	2.89	---
4	2.37	2.55	2.92	3.66	---	3.05	---	3.04	2.84	2.50	2.77	---
5	2.40	2.42	2.73	3.43	---	3.20	---	2.95	2.67	2.49	2.69	---
6	2.34	2.49	2.63	6.77	---	6.51	---	2.88	2.60	2.47	---	---
7	2.31	3.56	2.59	4.68	---	6.50	---	2.83	2.54	2.47	---	2.39
8	2.30	3.13	3.15	3.76	5.52	4.16	---	2.80	6.88	2.93	---	2.36
9	2.30	2.63	4.43	3.53	5.68	3.79	---	2.75	4.53	2.92	2.70	2.33
10	2.31	2.55	3.03	3.39	4.40	3.59	---	2.70	3.54	2.58	---	2.32
11	2.31	4.09	2.82	5.41	4.03	3.40	---	2.82	7.08	2.55	---	2.31
12	2.30	3.18	2.76	5.24	3.75	3.30	---	2.80	3.92	2.51	3.73	2.29
13	2.30	2.79	2.71	3.99	3.52	3.22	---	2.69	3.33	2.49	2.88	2.25
14	2.33	2.73	2.67	3.64	3.35	3.15	---	2.65	3.52	2.62	2.73	2.24
15	2.30	2.65	3.60	3.39	3.24	3.10	---	2.63	3.25	2.71	---	2.25
16	2.30	2.61	5.19	3.26	---	3.20	---	2.61	3.04	2.57	---	2.47
17	2.29	2.59	5.23	3.18	---	3.43	---	2.58	2.83	2.53	---	2.60
18	2.30	2.56	9.33	3.68	---	3.47	---	2.55	3.05	2.49	---	2.40
19	2.29	2.55	6.67	4.18	---	6.77	---	2.52	3.13	2.47	---	2.37
20	2.30	2.53	4.49	3.50	3.54	4.17	---	2.48	2.72	2.47	---	2.36
21	2.28	2.51	3.97	3.37	3.29	3.80	11.28	2.45	2.65	2.46	---	4.58
22	2.28	2.50	3.68	3.24	---	3.59	7.58	2.45	2.61	2.47	---	3.26
23	2.29	2.63	3.40	3.18	---	3.39	16.84	2.43	2.61	2.55	---	2.82
24	2.29	2.67	3.16	6.99	3.34	3.28	7.01	2.42	2.64	2.59	---	2.61
25	2.29	2.58	3.05	4.13	---	10.05	5.54	2.40	2.67	2.62	---	2.49
26	2.31	2.55	2.97	5.58	---	4.94	4.98	2.39	3.31	2.62	---	2.42
27	2.59	2.53	2.91	5.01	---	4.16	4.57	2.46	2.71	2.70	---	3.80
28	2.61	2.53	2.87	4.00	6.06	3.97	4.30	3.05	2.60	2.62	2.83	4.43
29	2.41	2.52	2.84	3.75	3.82	3.83	4.38	2.82	2.60	3.34	---	3.56
30	2.34	2.51	2.82	3.62	---	3.59	4.12	2.85	2.58	3.16	---	3.23
31	2.33	---	4.37	4.10	---	3.45	---	2.63	---	3.79	2.78	---
MEAN	2.34	2.69	3.57	4.23	---	4.06	---	2.74	3.26	2.65	---	---
MAX	2.61	4.09	9.33	6.99	---	10.05	---	3.70	7.08	3.79	---	---
MIN	2.28	2.35	2.58	3.18	---	3.05	---	2.39	2.54	2.46	---	---

02436500 TOWN CREEK NEAR NETTLETON, MS

LOCATION.--Lat 34°03'32", long 88°37'40", in NW1/4 sec.12, T.12 S., R.6 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160102, on right bank at downstream side of bridge on U.S. Highway 45, 1.5 mi downstream from Chiwapa Creek, 2.1 mi south of Nettleton, and 9.2 mi upstream from mouth.

DRAINAGE AREA.--620 mi^2.

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

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

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

REMARKS.--Estimated daily discharges: Oct. 24 - Nov. 13, Apr. 14-16, Jun. 6 - Jul. 3. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	1845	16,100	23.42	Apr. 21	1515	16,400	24.00
Mar. 25	0645	17,900	23.90	Apr. 23	0815	*27,100	*25.79

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	e240	103	2350	1080	1000	604	870	130	e84	1250	81
2	28	e430	114	6770	2320	769	509	689	718	e75	382	114
3	60	e200	105	1880	1130	628	452	551	425	e66	272	125
4	59	e275	282	1050	828	547	412	432	230	58	179	132
5	69	e410	202	797	1030	730	370	377	178	49	123	72
6	47	e670	137	6440	839	4640	352	337	e165	41	98	56
7	37	e1000	114	3080	1730	5120	332	306	e500	38	178	51
8	33	e750	2220	1410	3240	1750	311	279	e1580	3130	90	48
9	32	e600	3580	1050	3050	1130	295	252	e1000	988	339	43
10	32	e1120	713	920	1840	918	299	227	e1440	335	95	44
11	31	e1480	400	3010	1340	764	299	288	e2180	166	67	42
12	31	e950	332	3500	1010	684	275	339	e2830	115	987	38
13	31	e300	286	1600	814	620	267	243	e1900	91	348	35
14	33	223	251	1150	698	579	e280	216	e820	492	155	33
15	33	179	235	908	617	533	e365	197	e500	1130	104	31
16	31	151	4240	780	539	514	e390	180	e390	264	82	534
17	31	135	2470	709	478	606	292	168	e250	180	70	262
18	30	122	8050	1210	446	1070	258	150	e300	93	62	100
19	30	113	6740	2030	620	4710	271	139	e320	72	95	64
20	30	106	2110	995	1060	1610	1390	131	e260	60	96	52
21	29	100	1300	855	684	1050	11200	126	e240	55	91	2610
22	29	93	911	750	566	837	6560	120	e220	46	88	962
23	30	239	703	667	514	689	22100	113	e300	83	90	319
24	e30	296	549	5360	531	596	7050	105	e230	864	70	192
25	e29	162	470	1960	481	9230	3680	102	e350	761	40	136
26	e28	128	413	3900	460	2910	2740	97	e210	276	38	105
27	e480	116	374	3310	389	1740	1970	96	e160	140	46	714
28	e200	110	333	1600	5370	1410	1420	400	e125	289	241	1170
29	e350	116	301	1250	1750	1180	1190	243	e110	137	107	587
30	e160	105	314	1210	---	875	1390	215	e95	533	66	329
31	e85	---	1270	1530	---	734	---	156	---	974	118	---
TOTAL	2186	10919	39622	64031	35454	50173	67323	8144	18156	11685	6067	9081
MEAN	70.5	364	1278	2066	1223	1618	2244	263	605	377	196	303
MAX	480	1480	8050	6770	5370	9230	22100	870	2830	3130	1250	2610
MIN	28	93	103	667	389	514	258	96	95	38	38	31
CFSM	.11	.59	2.06	3.33	1.97	2.61	3.62	.42	.98	.61	.32	.49
IN.	.13	.66	2.38	3.84	2.13	3.01	4.04	.49	1.09	.70	.36	.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1996, BY WATER YEAR (WY)

MEAN	149	722	1398	1669	1975	2164	1565	1016	446	372	173	210
MAX	1043	6074	8062	6105	5740	6215	5434	8377	2267	2512	1381	2208
(WY)	1976	1958	1983	1949	1948	1975	1991	1991	1989	1940	1967	1958
MIN	3.97	14.7	40.3	66.6	323	240	105	63.6	19.0	22.4	7.12	5.39
(WY)	1944	1954	1966	1956	1978	1954	1986	1943	1988	1942	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1940 - 1996	
ANNUAL TOTAL	342369		322841			
ANNUAL MEAN	938		882		984	
HIGHEST ANNUAL MEAN					2342	1991
LOWEST ANNUAL MEAN					306	1954
HIGHEST DAILY MEAN	23100	Mar 8	22100	Apr 23	95300	Mar 22 1955
LOWEST DAILY MEAN	28	Oct 1	28	Oct 1	1.0	Sep 14 1942
ANNUAL SEVEN-DAY MINIMUM	29	Oct 20	29	Oct 20	1.6	Oct 8 1942
INSTANTANEOUS PEAK FLOW			27100	Apr 23	151000	Mar 22 1955
INSTANTANEOUS PEAK STAGE			25.79	Apr 23	33.88	Mar 22 1955
ANNUAL RUNOFF (CFSM)	1.51		1.42		1.59	
ANNUAL RUNOFF (INCHES)	20.54		19.37		21.56	
10 PERCENT EXCEEDS	2130		1990		2130	
50 PERCENT EXCEEDS	270		324		199	
90 PERCENT EXCEEDS	33		48		20	

e Estimated

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

LOCATION.--Lat. 33°49'47", long 88°31'17" in SW1/4 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 mi^2, 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-positon, 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 ft^3/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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	700	836	1390	7650	5780	5430	4370	3910	850	482	4000	1240
2	519	1790	822	15800	8480	4550	3950	3820	1420	552	2500	2270
3	2370	2070	1570	9620	5950	3410	3870	2860	1890	531	2190	322
4	1130	1060	1600	7160	4610	3040	4140	2540	1830	442	1230	1870
5	779	1210	1630	6570	3020	3440	3420	2840	1190	391	1420	492
6	638	1480	1420	13000	3680	10900	3240	1820	1530	727	869	686
7	582	2650	1120	14800	4830	14900	2450	2330	1170	580	1300	576
8	629	3360	3380	9020	8600	10500	2290	1810	5670	7610	1410	706
9	554	2620	12300	7290	9360	10700	1930	1690	5490	3420	2770	723
10	454	1520	4570	6070	6550	9350	2220	1820	3320	1580	1100	835
11	714	6060	2900	7450	6020	6840	1860	1740	5870	532	1910	450
12	514	4070	2530	12400	4990	5210	2360	1820	7910	941	4400	871
13	1020	3500	1990	7240	4500	4130	2380	1570	6310	1450	3200	405
14	690	2570	2110	6740	4200	4240	2310	1380	4930	1270	2190	543
15	343	1800	1470	5750	3630	3250	4320	1180	3190	2730	1510	528
16	757	1500	8160	3880	3590	3340	2810	1160	1750	1040	1150	3430
17	690	1360	6770	3850	2980	3620	2150	1450	2120	1120	1080	2800
18	890	1170	13700	3470	3020	3590	2090	991	1340	1170	1120	729
19	1120	1360	22900	5920	4520	12200	2480	1060	1850	388	595	1040
20	1570	1150	11700	5010	5720	7580	3740	1560	1410	994	733	722
21	404	1000	9380	3670	4440	6560	19100	729	1120	858	321	6450
22	641	996	8730	3610	3780	5630	24200	1420	786	448	748	5640
23	490	2050	6570	3380	3640	4970	29900	574	773	1430	706	2510
24	720	2320	4260	11900	3340	3500	32100	1560	1460	866	808	1780
25	417	1740	3570	7710	3050	16200	23100	524	913	2820	746	1430
26	302	1640	2310	9650	2730	14600	17300	388	2380	1540	674	1180
27	1850	1820	3300	13400	2420	8320	11100	1060	532	1560	544	1820
28	1660	1280	1770	8610	12000	9590	8120	2830	966	1470	1210	3440
29	941	1020	2090	7770	7870	7710	6300	1690	535	1480	700	3010
30	1220	794	1180	6950	---	6930	5390	1720	441	2010	1000	2300
31	964	---	2580	6680	---	5170	---	1810	---	2790	1220	---
MEAN	847	1927	4831	7807	5079	7077	7833	1731	2365	1459	1463	1693
MAX	2370	6060	22900	15800	12000	16200	32100	3910	7910	7610	4400	6450
MIN	302	794	822	3380	2420	3040	1860	388	441	388	321	322

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1996, BY WATER YEAR (WY)

MEAN	1314	2798	5761	5363	7946	6702	4963	5009	2971	2017	1134	949
MAX	2305	8154	15520	12060	17570	11750	16630	29390	10540	10680	2272	1693
(WY)	1995	1987	1991	1989	1991	1995	1991	1991	1989	1989	1993	1996
MIN	474	958	1816	978	2822	2571	929	853	479	411	349	220
(WY)	1988	1991	1985	1986	1986	1985	1986	1988	1988	1984	1984	1984

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1984 - 1996	
ANNUAL MEAN	3887		3671		3928	
HIGHEST ANNUAL MEAN					8424	1991
LOWEST ANNUAL MEAN					1781	1988
HIGHEST DAILY MEAN	63900	Mar 8	32100	Apr 24	103000	May 28 1991
LOWEST DAILY MEAN	200	Sep 7	302	Oct 26	77	Jun 15 1985
ANNUAL SEVEN-DAY MINIMUM	328	Sep 5	482	Jun 29	138	Sep 16 1984
INSTANTANEOUS PEAK FLOW			40400	Apr 24	123000	Mar 18 1973
INSTANTANEOUS PEAK STAGE			24.74	Apr 24	45.02	Mar 18 1973
10 PERCENT EXCEEDS	8160		8370		8820	
50 PERCENT EXCEEDS	2000		2110		1780	
90 PERCENT EXCEEDS	509		635		470	

02439400 BUTTAHATCHEE RIVER NEAR ABERDEEN, MS

LOCATION.--Lat 33°47'24", long 88°18'53", in NW1/4 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 mi^2.

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 Department of Transportation datum.

REMARKS.--Records good. 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.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 21	1500	9,790	15.72	Jan. 29	0900	9,140	15.49
Jan. 9	1100	8,490	15.25	Apr 24	0200	*10,200	*15.85

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	201	387	1270	1020	3450	1770	1860	1620	505	189	1270	547
2	194	432	997	1630	3520	1420	1640	1500	448	179	1420	439
3	217	641	850	2360	3570	1240	1420	1250	490	174	897	384
4	312	811	909	3120	3480	1130	1270	1100	658	190	675	395
5	651	708	1040	3620	3070	1040	1190	995	540	178	544	392
6	842	549	1220	2880	2230	1160	1120	912	437	159	453	346
7	864	662	1000	3100	1930	1870	1060	846	395	150	410	296
8	555	1300	900	4580	1960	2700	1010	794	408	249	386	267
9	381	1710	1660	7940	2230	3760	957	759	473	892	356	264
10	315	1390	2440	5550	2500	3900	911	717	632	1210	666	250
11	284	1140	3130	3450	2500	2410	863	665	546	717	595	236
12	266	1700	3440	2770	2150	1690	829	615	768	400	499	239
13	255	2210	2070	3040	1780	1460	838	590	1400	297	645	247
14	263	2000	1360	3630	1540	1340	877	563	1410	265	633	219
15	274	1320	1160	3390	1430	1240	971	538	973	270	444	203
16	312	1070	1330	2370	1350	1180	1290	516	720	325	353	599
17	295	909	1850	1820	1240	1120	1270	491	553	353	306	1500
18	262	811	2440	1690	1160	1080	1010	468	448	296	282	2010
19	245	744	3240	1840	1140	1490	900	442	385	306	263	1510
20	238	695	4540	2280	1320	2140	896	417	344	251	246	790
21	239	654	8630	2540	1630	2440	1650	393	319	217	232	728
22	244	607	7110	2170	1510	1850	3190	374	341	196	219	1300
23	244	592	3980	1790	1310	1440	7160	358	304	199	207	1710
24	234	679	2280	1780	1200	1270	9180	344	264	307	200	1070
25	231	894	1600	2180	1110	1610	6430	322	299	504	195	737
26	232	799	1360	3040	1030	2440	4530	307	285	461	204	594
27	259	698	1220	4080	992	3280	2910	294	280	408	271	507
28	412	729	1110	5610	1020	3700	2080	310	255	641	256	988
29	901	960	1020	8650	1470	2930	1620	959	219	1330	293	1490
30	704	1230	944	6200	---	2600	1490	1040	202	1520	334	1040
31	466	---	916	4310	---	2210	---	653	---	916	371	---
TOTAL	11392	29031	67016	104430	54822	60910	62422	21152	15301	13749	14125	21297
MEAN	367	968	2162	3369	1890	1965	2081	682	510	444	456	710
MAX	901	2210	8630	8650	3570	3900	9180	1620	1410	1520	1420	2010
MIN	194	387	850	1020	992	1040	829	294	202	150	195	203
CFSM	.46	1.21	2.71	4.22	2.37	2.46	2.61	.86	.64	.56	.57	.89
IN.	.53	1.35	3.12	4.87	2.56	2.84	2.91	.99	.71	.64	.66	.99

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1996, BY WATER YEAR (WY)

MEAN	533	1003	1968	2377	2372	2832	2371	1765	741	551	393	385
MAX	2349	2938	5698	4954	5459	6815	6130	8329	1880	1880	1175	1051
(WY)	1976	1978	1968	1974	1991	1980	1991	1991	1974	1994	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1966 - 1996	
ANNUAL TOTAL	552130		475647			
ANNUAL MEAN	1513		1300		1437	
HIGHEST ANNUAL MEAN					2747	1991
LOWEST ANNUAL MEAN					503	1988
HIGHEST DAILY MEAN	17000	Apr 23	9180	Apr 24	63900	Mar 17 1973
LOWEST DAILY MEAN	148	Sep 14	150	Jul 7	90	Aug 31 1988
ANNUAL SEVEN-DAY MINIMUM	151	Sep 10	174	Jul 1	99	Aug 28 1988
INSTANTANEOUS PEAK FLOW			10200	Apr 24	80000	Mar 17 1973
INSTANTANEOUS PEAK STAGE			15.85	Apr 24	23.48	Mar 17 1973
INSTANTANEOUS LOW FLOW					89	Aug 31 1988
ANNUAL RUNOFF (CFSM)	1.90		1.63		1.80	
ANNUAL RUNOFF (INCHES)	25.74		22.17		24.48	
10 PERCENT EXCEEDS	3090		3040		3070	
50 PERCENT EXCEEDS	908		900		755	
90 PERCENT EXCEEDS	239		250		230	

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
JAN				
18...	1545	1680	32	145
FEB				
27...	1000	993	25	67
APR				
09...	1130	958	25	65

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

LOCATION.--Lat 33°31'05", long 88°29'19", in NE1/4 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 mi^2, 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 WSP 1304. Prior to April 1981, published as "02441500 Tombigbee River at Columbus". Gage-height records collected in this vicinity, 1890 to 1971, are contained in reports of National Weather Service, and 1972 to present at site 02441500 Tombigbee River at Columbus.

GAGE.--Water-stage, gate-position, and lockage recorder. Datum of gage is 100.00 ft above sea level (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 ft^3/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 sea level and 110 ft by 600 ft lock with maximum lift of 27 ft at normal pool elevation of 163.0 ft above sea level. Minimum flow structure with manually operated gates and maximum discharge of about 300 ft^3/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 at the datum then in use.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 8, 1892, the greatest since at least 1867, reached an elevation of 173.0 ft above sea level at site 3.93 mi downstream, discharge 278,000 ft^3/s estimated by U. S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1230	1760	2900	8930	13900	8090	8320	5970	1340	702	7810	1780
2	919	2570	2680	23600	21900	7150	6230	6270	2600	633	5620	3560
3	4130	3160	2420	14200	16100	5020	6120	4340	2470	945	5920	1130
4	2140	2380	3030	12900	12500	4880	5880	3980	2490	349	4760	3440
5	1320	2020	3210	13600	9930	4290	4490	3930	1790	663	2470	1650
6	1300	2160	2770	26500	7990	16200	4320	3350	2170	787	1650	1240
7	1120	4480	2610	24600	8400	22400	3690	3420	1910	1040	2480	1080
8	1700	5740	3780	16800	14900	15700	4070	3440	4500	8380	2320	1330
9	1100	4130	21400	17400	15400	14600	2900	2510	6530	5760	4560	934
10	1120	3300	10500	15300	13400	13100	3250	2890	4000	3740	2600	1600
11	1190	10800	8910	16500	11800	10900	3060	2590	4770	1940	2910	772
12	918	7980	9770	21500	9580	8060	3500	2370	8510	1700	5990	1170
13	1480	6050	5550	13700	7410	5780	3560	2750	7010	1840	4710	865
14	1430	5060	4440	13800	6920	5750	3490	2040	8000	2270	3250	662
15	800	3910	3720	10900	5740	4950	7120	2070	5900	4570	2180	786
16	1230	3050	15300	8000	5250	4780	5410	1910	3780	3490	1760	7620
17	845	2930	12000	7020	4770	4530	5720	2500	2860	3930	1410	6890
18	1290	2510	33800	7300	4010	5670	3780	1620	2360	1840	1330	4870
19	1190	2510	44600	10700	5680	20400	4210	1780	2610	1010	1060	3780
20	941	2200	23600	9150	11000	14300	5340	2180	2210	1840	1350	2480
21	972	1680	21300	7760	7740	13900	41300	1070	1540	1200	597	6580
22	895	1690	22600	7070	6350	10200	53100	2310	1290	649	744	8480
23	1050	2680	15000	5740	5450	7210	55100	873	1460	2010	1040	4720
24	1250	3460	8370	17300	4570	5610	61800	2320	1660	2330	1080	3850
25	741	2600	6140	13700	4130	26000	49800	754	1090	5560	994	2890
26	572	2880	3660	19100	3920	29300	37700	1130	2110	3350	913	1930
27	2600	2440	4570	35600	4080	18900	23200	1780	754	2950	910	2340
28	2210	3900	3600	21900	12400	20700	12800	3640	1560	4380	1940	3930
29	1850	3820	3160	20200	11000	17400	9100	1760	702	4690	1450	3950
30	2010	2790	2650	20500	---	11700	7830	2560	752	5940	2300	3720
31	1850	---	4640	16900	---	10500	---	2860	---	4780	2590	---
TOTAL	43393	106640	312680	478170	266220	367970	446190	82967	90728	85268	80698	90029
MEAN	1400	3555	10090	15420	9180	11870	14870	2676	3024	2751	2603	3001
MAX	4130	10800	44600	35600	21900	29300	61800	6270	8510	8380	7810	8480
MIN	572	1680	2420	5740	3920	4290	2900	754	702	349	597	662
CFSM	.32	.80	2.27	3.47	2.07	2.67	3.35	.60	.68	.62	.59	.68
IN.	.36	.89	2.62	4.01	2.23	3.08	3.74	.70	.76	.71	.68	.75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 1996, BY WATER YEAR (WY)

MEAN	2138	4394	12690	11450	15220	12810	12480	10750	4642	3090	1751	1447
MAX	5896	12940	36640	26290	33900	22820	37260	56740	14950	12310	3239	3001
(WY)	1985	1987	1983	1989	1991	1995	1983	1991	1989	1994	1995	1996
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1982 - 1996	
ANNUAL TOTAL	2854569		2450953			
ANNUAL MEAN	7821		6697		7705	
HIGHEST ANNUAL MEAN					15970	1991
LOWEST ANNUAL MEAN					2742	1988
HIGHEST DAILY MEAN	89100	Mar 9	61800	Apr 24	166000	May 29 1991
LOWEST DAILY MEAN	340	Sep 6	349	Jul 4	120	Sep 25 1984
ANNUAL SEVEN-DAY MINIMUM	522	Sep 5	678	Jun 29	170	Oct 20 1981
INSTANTANEOUS PEAK FLOW			66600	Apr 23	194000	Mar 19 1973
INSTANTANEOUS PEAK STAGE			53.81	Apr 24	42.22	Mar 19 1973
ANNUAL RUNOFF (CFSM)	1.76		1.51		1.74	
ANNUAL RUNOFF (INCHES)	23.92		20.54		23.58	
10 PERCENT EXCEEDS	17700		16100		18300	
50 PERCENT EXCEEDS	3320		3780		3060	
90 PERCENT EXCEEDS	879		1070		693	

02441500 TOMBIGBEE RIVER AT COLUMBUS, MS

LOCATION.--Lat 33°29'21", long 88°25'57", in NE1/4 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 mi^2, 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 (gage heights only). Monthly discharge only for some periods, published in WSP 1304. Daily mean gage heights published since January 1972. Gage-height records collected in this vicinity, 1890 to 1971, are contained in reports of National Weather Service.

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

GAGE.--Water-stage recorder. Datum of gage is 128.91 ft above sea level. 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 sea level.

REMARKS.--Stage affected since Dec. 27, 1979, by Aliceville Lock and Dam 32.0 mi downstream, normal pool elevation 136.0 ft above sea level 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 ft^3/s estimated by U. S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--See 02441390 for discharge records. Maximum gage height, 23.15 ft, Apr. 24, minimum daily, 7.35 ft, Aug. 22.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.77	7.83	8.01	8.65	10.34	---	---	8.23	7.77	7.74	8.73	7.69
2	7.74	7.90	7.97	11.33	12.52	---	---	8.39	7.83	7.69	8.15	7.83
3	7.96	7.85	7.85	11.07	11.86	---	---	8.08	7.76	7.72	8.18	7.66
4	7.58	7.87	7.95	9.84	10.41	---	---	7.98	7.78	7.59	7.97	7.84
5	7.60	7.85	7.90	9.89	9.59	---	---	8.01	7.75	7.61	7.75	7.75
6	7.65	7.88	7.82	11.29	8.94	---	---	7.90	7.74	7.64	7.75	7.71
7	7.61	8.09	7.79	14.15	8.91	---	---	7.91	7.83	7.74	7.82	7.68
8	7.64	8.33	8.12	11.22	10.31	---	---	7.94	8.02	8.57	7.77	7.72
9	7.56	8.14	11.55	11.20	10.45	---	---	7.87	8.40	8.16	8.07	7.66
10	7.55	8.10	9.31	10.84	9.98	---	7.94	7.89	7.99	8.00	7.77	7.70
11	7.78	9.21	9.02	10.20	9.51	---	7.99	7.78	8.07	7.81	7.79	7.63
12	7.64	8.95	9.12	12.60	8.93	---	7.97	---	8.68	7.71	8.07	7.67
13	7.59	8.46	8.36	10.60	8.56	---	7.97	---	8.26	7.79	8.01	7.58
14	7.64	8.22	8.15	10.30	8.43	---	7.97	---	8.54	7.76	7.80	7.61
15	7.54	8.07	8.03	9.69	8.26	---	8.46	---	8.19	8.06	7.71	7.63
16	7.73	7.97	9.67	8.82	8.04	---	8.21	---	7.96	7.86	7.72	8.58
17	7.56	7.88	9.49	8.73	8.10	---	8.29	---	7.83	7.90	7.66	8.17
18	7.76	7.89	13.11	8.74	7.98	---	8.06	---	7.82	7.77	7.73	8.00
19	7.70	7.88	18.15	9.47	8.26	---	8.14	---	7.84	7.72	7.66	7.95
20	7.63	7.80	14.84	9.11	9.27	---	8.25	---	7.76	7.71	7.56	7.86
21	7.72	7.77	12.99	8.85	8.63	---	15.83	---	7.70	7.64	7.38	8.62
22	7.75	7.85	12.69	8.75	8.41	---	20.53	7.74	7.75	7.67	7.35	8.49
23	7.66	7.92	11.31	8.41	8.26	---	21.36	7.66	7.75	7.72	7.49	8.13
24	7.68	7.93	9.06	10.53	8.05	---	22.51	7.72	7.76	7.80	7.64	---
25	7.67	7.83	8.37	10.42	8.00	---	19.40	7.72	7.75	8.19	7.71	---
26	7.70	7.94	7.92	11.33	7.98	---	16.58	7.74	7.75	7.93	7.67	---
27	7.90	7.99	8.03	16.77	---	---	12.91	7.76	7.69	7.91	7.64	---
28	7.66	8.03	8.03	14.34	---	---	10.01	7.88	7.70	8.04	7.74	---
29	7.77	8.00	7.95	13.62	---	---	8.73	7.76	7.64	8.12	7.66	---
30	7.76	7.99	7.94	12.65	---	---	8.40	7.76	7.70	8.51	7.73	---
31	7.73	---	8.05	11.44	---	---	---	7.91	---	8.31	7.77	---
MEAN	7.68	8.05	9.50	10.80	---	---	---	---	7.90	7.88	7.79	---
MAX	7.96	9.21	1 8.15	16.77	---	---	---	---	8.68	8.57	8.73	---
MIN	7.54	7.77	7.79	8.41	---	---	---	---	7.64	7.59	7.35	---

02443500 LUXAPALLILA CREEK NEAR COLUMBUS, MS

LOCATION.--Lat 33°30'50", long 88°23'44", in NW1/4 SW1/4 sec.11, T.18 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on right bank at Columbus Water Works pumping plant, 175 ft upstream from bridge on county highway (formerly State Highway 50), 0.6 mi upstream from Magby Creek, 1.4 mi upstream from U. S. Highway 82 and 6.2 mi upstream from mouth.

DRAINAGE AREA.--715 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1928 to September 1930, October 1974 to current year. Monthly discharge only for September 1930.

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

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

REMARKS.--Estimated daily discharges: Oct. 23-28, Nov. 21-24, Dec. 26 - Jan. 1, Feb. 4-6, 14-29, Mar. 1-5, 12-31, Apr. 1-20, 22-30, May 1-17. Records fair except for estimated daily discharges, which are poor. U.S. Army Corps of Engineers radio telemeter at station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 28	2230	*10,700	*14.08	Apr. 23	----	unknown	unknown

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	387	403	1670	e1000	3020	e1340	e990	e1800	431	152	1950	413
2	378	382	1390	1580	3900	e1000	e985	e1500	456	147	1300	407
3	485	485	1200	1810	4650	e920	e980	e1200	533	142	941	416
4	1040	618	1020	1940	e5000	e900	e975	e1100	498	135	786	382
5	2140	757	972	1780	e4000	e870	e970	e1000	468	130	631	363
6	2560	674	1060	1920	e3000	1710	e970	e980	382	126	516	361
7	2610	675	1060	2440	2090	3830	e965	e950	319	123	442	329
8	2020	945	963	3240	1980	6420	e960	e900	344	361	386	288
9	1520	1460	1240	3120	1950	5060	e950	e750	542	706	400	259
10	1100	1610	1540	2540	1880	3120	e920	e720	662	1110	389	253
11	843	1540	2090	2120	1730	2200	e900	e600	891	1140	369	223
12	732	1670	1620	2420	1530	e1800	e870	e550	612	786	378	227
13	681	2010	1350	2640	1380	e1400	e840	e500	539	496	354	273
14	699	1850	1110	2610	e1210	e1200	e800	e450	644	331	344	255
15	771	1420	893	2100	e1080	e1000	e1000	e400	641	429	328	215
16	780	1200	953	1820	e920	e950	e1200	e380	524	484	291	191
17	643	952	1210	1580	e890	e920	e800	e350	413	757	256	250
18	516	770	2200	1530	e880	e890	e790	287	331	1120	227	523
19	463	638	3830	2040	e890	e1600	e770	269	286	1210	203	803
20	416	543	4320	2270	e1050	e2100	e750	255	253	1260	186	660
21	377	e480	3830	2300	e1200	e1350	4940	244	230	1470	171	619
22	269	e460	2580	1970	e1050	e1100	e16500	232	229	1530	158	733
23	e220	e440	1590	1770	e910	e1000	e17000	220	252	1570	149	856
24	e180	e500	1100	1840	e900	e950	e15000	213	248	1680	145	907
25	e175	561	831	1910	e890	e900	e13000	202	220	2630	140	758
26	e190	630	e550	2670	e870	e2000	e10900	193	204	3050	131	576
27	e230	622	e500	5690	e820	e3300	e8800	189	188	3060	128	433
28	e270	632	e450	9440	e800	e3000	e6600	330	175	3210	185	394
29	342	1150	e430	9100	e1100	e2200	e4400	403	166	3930	216	426
30	451	1390	e410	5340	---	e1300	e2200	631	160	4920	273	471
31	471	---	e405	3570	---	e1000	---	604	---	5100	375	---
TOTAL	23959	27467	44367	88100	51570	57330	117725	18402	11841	43295	12748	13264
MEAN	773	916	1431	2842	1778	1849	3924	594	395	1397	411	442
MAX	2610	2010	4320	9440	5000	6420	17000	1800	891	5100	1950	907
MIN	175	382	405	1000	800	870	750	189	160	123	128	191
MED	485	674	1110	2120	1200	1340	977	450	363	1110	328	400
AC-FT	47520	54480	88000	174700	102300	113700	233500	36500	23490	85880	25290	26310
CFSM	1.08	1.28	2.00	3.97	2.49	2.59	5.49	.83	.55	1.95	.58	.62
IN.	1.25	1.43	2.31	4.58	2.68	2.98	6.12	.96	.62	2.25	.66	.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1996, BY WATER YEAR (WY)

MEAN	421	764	1492	1995	2069	2389	2336	1364	541	500	281	301
MAX	1675	1867	5840	3857	4650	6465	5671	7073	1524	1855	1201	1901
(WY)	1976	1980	1984	1979	1990	1980	1991	1991	1989	1994	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

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1975 - 1996	
ANNUAL TOTAL	452606		510068			
ANNUAL MEAN	1240		1394		1200	
HIGHEST ANNUAL MEAN					2277	1991
LOWEST ANNUAL MEAN					320	1988
HIGHEST DAILY MEAN	19400	Apr 24	17000	Apr 23	38000	Apr 14 1979
LOWEST DAILY MEAN	94	Sep 7	123	Jul 7	25	Aug 18 1988
ANNUAL SEVEN-DAY MINIMUM	102	Sep 4	136	Jul 1	29	Aug 14 1988
INSTANTANEOUS PEAK FLOW			unknown	Apr 23	40400	Apr 14 1979
INSTANTANEOUS PEAK STAGE			unknown	Apr 23	32.35	Apr 14 1979
INSTANTANEOUS LOW FLOW			123	Jul 7	28	Sep 2 1988
ANNUAL RUNOFF (AC-FT)	897700		1012000		869600	
ANNUAL RUNOFF (CFSM)	1.73		1.95		1.68	
ANNUAL RUNOFF (INCHES)	23.55		26.54		22.81	
10 PERCENT EXCEEDS	2350		3000		2610	
50 PERCENT EXCEEDS	699		870		584	
90 PERCENT EXCEEDS	182		226		126	

e Estimated

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 1995 TO SEPTEMBER 1996

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
JAN				
18...	0915	1460	18	71
FEB				
26...	1615	1300	13	46
APR				
08...	1830	1370	19	70

02448000 NOXUBEE RIVER AT MACON, MS

LOCATION.--Lat 33°06'08", long 88°33'40", in NE1/4 sec.4, T.14 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on left bank at downstream side of bridge on U.S. Highway 45 at Macon, 0.2 mi upstream from Cedar Creek, 1.0 mi downstream from Illinois Central and Gulf Railroad bridge, 1.5 mi downstream from Horse Hunters Creek, and 6.2 mi upstream from Running Water Creek.

DRAINAGE AREA.--768 mi^2.

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

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

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

REMARKS.--Estimated daily discharges: Feb. 4-5, Sept. 2-4. Records good except for estimated daily discharges, which are poor. Telemeter, satellite telemeter and U.S. Army Corps of Engineers radio telemeter at station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 20	1700	7,920	26.48	Feb. 2	2000	6,560	24.93
Jan. 28	0500	*12,500	*28.55	Mar. 7	1700	5,260	22.63

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	112	788	444	5690	353	3340	483	196	105	295	143
2	63	364	625	601	6170	331	1810	414	176	90	235	e295
3	634	675	470	996	6200	316	1050	368	161	80	226	e283
4	1100	455	365	899	e5200	299	839	326	149	74	276	e196
5	1710	286	328	841	e3600	291	698	299	151	70	203	145
6	1200	235	309	2010	2530	2730	608	267	168	67	247	115
7	461	1060	336	3880	2270	4840	579	243	147	65	301	120
8	264	1720	344	3470	1870	4800	535	223	130	72	214	121
9	211	784	2330	2180	1540	3360	502	217	192	93	193	112
10	167	406	2370	1870	1330	1860	471	214	154	108	352	110
11	134	1280	1080	1730	1170	1300	436	193	150	122	199	106
12	117	1860	782	2810	973	848	408	173	146	107	217	96
13	107	881	609	2500	803	648	431	158	141	106	322	105
14	104	564	475	1860	679	550	624	149	118	108	195	123
15	108	522	409	1660	597	489	1130	143	119	94	202	111
16	109	385	1090	1290	535	447	1030	139	109	96	190	108
17	99	294	2010	956	501	410	897	135	108	308	144	113
18	95	246	4210	862	489	418	865	129	120	352	117	111
19	90	218	6210	1140	489	1310	698	130	107	232	104	89
20	88	191	7530	1090	549	2130	1010	128	105	171	95	83
21	85	171	7070	938	634	1730	3160	122	146	138	90	89
22	81	150	5520	908	603	1610	3370	116	111	119	80	602
23	80	266	4260	780	587	1430	3120	110	93	119	81	367
24	79	601	3570	2200	539	919	2990	110	90	142	82	212
25	77	556	2490	2740	480	2320	2840	104	86	223	85	202
26	75	381	1030	3930	434	3990	2820	99	84	260	81	116
27	77	297	695	8690	400	3810	2670	110	80	260	76	89
28	91	368	582	11500	380	3880	2070	113	81	202	77	83
29	117	1420	507	8190	370	3780	1010	135	82	292	86	100
30	126	1380	457	6630	---	3650	584	165	89	199	133	98
31	114	---	429	6000	---	3740	---	166	---	210	147	---
TOTAL	7926	18128	59280	85595	47612	58589	42595	5881	3789	4684	5345	4643
MEAN	256	604	1912	2761	1642	1890	1420	190	126	151	172	155
MAX	1710	1860	7530	11500	6200	4840	3370	483	196	352	352	602
MIN	63	112	309	444	370	291	408	99	80	65	76	83
CFSM	.33	.79	2.49	3.60	2.14	2.46	1.85	.25	.16	.20	.22	.20
IN.	.38	.88	2.87	4.15	2.31	2.84	2.06	.28	.18	.23	.26	.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 1996, BY WATER YEAR (WY)

MEAN	173	432	1143	1936	2324	2440	2117	1075	336	427	197	209
MAX	1970	2518	6913	8286	6013	6396	11290	6567	1787	5315	1335	2520
(WY)	1976	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1928 - 1996	
ANNUAL TOTAL	430796		344067			
ANNUAL MEAN	1180		940		1061	
HIGHEST ANNUAL MEAN					2666	1983
LOWEST ANNUAL MEAN					248	1963
HIGHEST DAILY MEAN	11600	Apr 25	11500	Jan 28	110000	Apr 13 1979
LOWEST DAILY MEAN	50	Sep 11	63	Oct 1	23	Aug 26 1943
ANNUAL SEVEN-DAY MINIMUM	53	Sep 7	74	Jul 2	25	Aug 24 1943
INSTANTANEOUS PEAK FLOW			12500	Jan 28	125000	Apr 13 1979
INSTANTANEOUS PEAK STAGE			28.55	Jan 28	38.97	Apr 13 1979
INSTANTANEOUS LOW FLOW			63	Oct 1a	22	Aug 25 1943
ANNUAL RUNOFF (CFSM)	1.54		1.22		1.38	
ANNUAL RUNOFF (INCHES)	20.87		16.67		18.78	
10 PERCENT EXCEEDS	3580		2810		3190	
50 PERCENT EXCEEDS	380		308		230	
90 PERCENT EXCEEDS	77		90		59	

e Estimated

a Also occurred on Oct. 2, 3, Jul 7.

02448500 NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE$^1/_4$ 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 mi^2.
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 AL-84-1: Drainage area.
GAGE.--Water-stage recorder. Datum of gage is 86.08 ft above sea level. 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.
REMARKS.--Estimated daily discharges: Mar. 2-4, May 4 to June 4. Records good except those for periods of estimated record, which are fair. 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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	142	1530	473	10900	445	5740	677	e280	112	289	160
2	82	165	949	1570	10600	e420	4200	546	e270	127	337	167
3	1080	1630	734	1480	10400	e395	2260	471	e235	128	452	251
4	3050	1060	584	1260	9070	e360	1240	e430	e210	113	400	177
5	4380	583	497	1050	7390	347	947	e385	196	104	350	212
6	3430	365	440	2060	5270	2330	787	e360	185	99	313	197
7	1380	1010	412	5070	3330	7480	691	e335	237	96	421	150
8	581	3320	434	4890	2790	8800	632	e305	1180	118	403	135
9	324	2140	2270	3870	2320	7730	568	e290	1070	130	299	145
10	242	1070	3720	2540	1870	5330	517	e270	352	119	257	137
11	203	3850	2700	2240	1570	2560	480	e245	255	141	438	140
12	171	4230	1340	4010	1320	1510	446	e235	205	144	572	145
13	147	2420	949	3790	1080	1050	474	e220	192	149	325	128
14	136	1280	742	2910	913	823	621	e212	191	139	370	116
15	127	898	583	2120	786	702	3620	e200	190	150	266	133
16	122	713	699	1770	685	627	3120	e190	168	141	221	136
17	128	531	2150	1380	610	569	1440	e183	155	167	228	128
18	122	405	4720	1130	570	558	1070	e174	144	349	185	130
19	114	334	8450	2140	629	1290	956	e166	160	413	152	137
20	110	293	8700	1630	1140	2120	859	e160	175	291	132	120
21	105	262	7860	1290	943	2290	3420	e153	151	222	119	113
22	103	232	7030	1120	857	1870	4090	e148	170	182	114	117
23	101	228	6290	1030	768	1700	4310	e142	170	167	111	462
24	98	600	5080	2060	703	1460	4320	e135	140	197	110	465
25	97	844	3800	3470	624	3390	4020	e130	125	1340	109	248
26	97	695	2490	4900	554	5860	3660	e127	122	750	109	242
27	105	498	1130	12100	503	5300	3210	e133	126	467	109	185
28	111	377	768	12500	473	5890	2750	e142	117	1390	108	147
29	115	1510	635	11700	454	5390	2050	e170	117	768	108	148
30	133	2100	552	11000	---	4450	1110	e210	114	421	109	150
31	139	---	501	11900	---	5120	---	e250	---	307	153	---
TOTAL	17220	33785	78739	120453	79122	88166	63608	7794	7402	9441	7669	5321
MEAN	555	1126	2540	3886	2728	2844	2120	251	247	305	247	177
MAX	4380	4230	8700	12500	10900	8800	5740	677	1180	1390	572	465
MIN	82	142	412	473	454	347	446	127	114	96	108	113
CFSM	.51	1.03	2.32	3.54	2.49	2.59	1.93	.23	.22	.28	.23	.16
IN.	.58	1.15	2.67	4.08	2.68	2.99	2.16	.26	.25	.32	.26	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1996, BY WATER YEAR (WY)

MEAN	270	628	1677	2942	3509	3488	3258	1484	568	651	316	305
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	570975		518720			
ANNUAL MEAN	1564		1417		1580	
HIGHEST ANNUAL MEAN					3967	1983
LOWEST ANNUAL MEAN					327	1963
HIGHEST DAILY MEAN	9830	Apr 24	12500	Jan 28	136000	Apr 14 1979
LOWEST DAILY MEAN	66	Sep 13	82	Oct 2	22	Sep 24 1954
ANNUAL SEVEN-DAY MINIMUM	69	Sep 9	101	Oct 21	23	Sep 23 1954
INSTANTANEOUS PEAK FLOW			13100	Jan 27	156000	Apr 14 1979
INSTANTANEOUS PEAK STAGE			36.04	Jan 27	48.58	Apr 14 1979
ANNUAL RUNOFF (CFSM)	1.43		1.29		1.44	
ANNUAL RUNOFF (INCHES)	19.36		17.59		19.57	
10 PERCENT EXCEEDS	4860		4210		4930	
50 PERCENT EXCEEDS	498		449		352	
90 PERCENT EXCEEDS	97		120		75	

e Estimated

02472000 LEAF RIVER NEAR COLLINS, MS

LOCATION.--Lat 31°42'25", long 89°24'25", in NE1/4 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 mi^2.

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 sea level. Prior to Dec. 8, 1938, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 21	0515	10,100	17.78	Mar. 9	2045	*12,100	*19.32
Jan. 29	1430	8,710	16.63				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122	164	187	493	2010	523	3270	513	177	138	457	538
2	121	212	183	835	3920	506	3160	438	176	136	560	364
3	302	268	179	1600	6630	468	1930	391	184	133	778	271
4	1020	275	264	2140	6230	430	1150	356	174	133	600	225
5	1000	448	425	1350	4880	408	855	328	158	127	384	197
6	939	471	865	833	2740	674	916	304	151	123	310	179
7	709	404	1530	693	1790	5400	955	283	148	125	260	163
8	464	454	1630	841	1360	8050	825	266	181	164	235	154
9	315	326	1870	859	1200	11300	684	253	200	152	305	146
10	247	401	2260	647	1040	8280	582	240	166	140	660	142
11	211	1790	2540	558	914	3430	515	233	149	193	488	148
12	187	1880	1940	638	803	2120	473	235	143	180	291	143
13	172	2110	958	868	711	1260	1180	225	142	154	215	132
14	222	1470	576	961	648	1010	2320	210	257	204	177	126
15	224	761	471	690	606	872	4710	202	423	187	177	124
16	199	509	446	564	567	785	4150	196	340	269	177	130
17	169	440	702	501	529	747	3490	189	279	240	151	157
18	156	364	2890	474	505	786	2360	182	308	292	139	148
19	149	309	6640	490	523	898	1590	175	263	218	131	137
20	144	274	8050	514	1050	1300	980	171	216	172	126	129
21	137	248	9230	590	921	1330	766	165	206	151	120	141
22	133	224	4470	507	781	849	638	160	182	137	114	144
23	131	210	2380	457	673	650	945	155	197	128	108	132
24	128	273	1400	657	587	564	1330	149	192	124	106	122
25	126	260	893	1560	522	1380	1480	146	204	127	107	117
26	123	235	736	2460	484	3330	1000	142	218	135	118	114
27	130	218	644	6530	464	4380	869	140	184	151	123	119
28	171	201	577	6470	514	4420	812	145	163	313	140	146
29	174	202	524	8190	529	2630	693	200	151	249	250	171
30	159	195	489	4910	---	2360	618	233	143	279	796	164
31	146	---	468	2690	---	2680	---	197	---	302	888	---
TOTAL	8630	15596	56417	51570	44131	73820	45246	7222	6075	5576	9491	5123
MEAN	278	520	1820	1664	1522	2381	1508	233	202	180	306	171
MAX	1020	2110	9230	8190	6630	11300	4710	513	423	313	888	538
MIN	121	164	179	457	464	408	473	140	142	123	106	114
CFSM	.37	.70	2.45	2.24	2.05	3.20	2.03	.31	.27	.24	.41	.23
IN.	.43	.78	2.82	2.58	2.21	3.70	2.27	.36	.30	.28	.48	.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	295	613	1165	1833	2352	2324	2149	1115	439	509	340	284
MAX	1660	3674	6085	5792	7841	5649	7455	4750	1609	4373	980	1264
(WY)	1985	1994	1962	1962	1990	1980	1974	1991	1989	1940	1960	1957
MIN	67.8	89.7	177	233	361	385	217	119	121	102	82.4	69.2
(WY)	1953	1957	1953	1956	1957	1955	1963	1963	1988	1952	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	322232		328897			
ANNUAL MEAN	883		899		1112	
HIGHEST ANNUAL MEAN					2291	1980
LOWEST ANNUAL MEAN					393	1963
HIGHEST DAILY MEAN	14000	Apr 25	11300	Mar 9	51000	Apr 14 1974
LOWEST DAILY MEAN	89	Sep 10	106	Aug 24	55	Aug 29 1957
ANNUAL SEVEN-DAY MINIMUM	90	Sep 7	114	Aug 21	57	Aug 24 1957
INSTANTANEOUS PEAK FLOW			12100	Mar 9	54200	Apr 14 1974
INSTANTANEOUS PEAK STAGE			19.32	Mar 9	32.60	Apr 14 1974
INSTANTANEOUS LOW FLOW			105	Aug 25	55	Aug 28 1957
ANNUAL RUNOFF (CFSM)	1.19		1.21		1.50	
ANNUAL RUNOFF (INCHES)	16.13		16.47		20.33	
10 PERCENT EXCEEDS	2100		2280		2780	
50 PERCENT EXCEEDS	339		334		373	
90 PERCENT EXCEEDS	126		136		116	

02472500 BOUIE CREEK NEAR HATTIESBURG, MS

LOCATION.--Lat 31°25'32", long 89°24'53", in NW1/4 SW1/4 sec.4, T.5 N., R.14 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170004, on left bank 25 ft downstream from upstream bridge of dual bridges on U.S. Highway 49, 1.0 mi upstream from Okatoma Creek, 2.2 mi southwest of Lux, 10.2 mi northwest of Hattiesburg, and 1.0 mi upstream from mouth.

DRAINAGE AREA.--304 mi^2.

PERIOD OF RECORD.--September 1938 to current year. Prior to October 1989, published as Bowie Creek near Hattiesburg.

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

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

REMARKS.--No estimated daily discharges. Records good except for period of lagging intakes, Apr. 24 - May 22, which is fair. Satellite telemeter at station.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 7	2000	*3,590	*12.22	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	139	188	191	236	540	543	538	325	173	159	150	198
2	139	235	187	368	671	366	435	295	194	156	180	186
3	150	481	187	438	1070	309	326	255	235	156	195	193
4	338	388	196	322	923	276	284	236	229	155	178	183
5	644	272	226	268	763	261	265	224	190	152	166	170
6	535	220	251	248	501	1100	540	218	176	149	159	161
7	255	214	753	236	391	2870	689	214	167	149	164	155
8	195	245	727	231	361	2410	435	207	198	150	169	151
9	176	293	519	224	331	1180	319	200	232	152	161	148
10	168	239	602	219	309	729	273	194	234	151	153	148
11	163	235	410	218	290	426	248	192	186	149	152	145
12	161	387	296	230	273	353	237	189	173	146	150	143
13	158	392	261	254	255	317	544	182	179	171	146	141
14	172	269	243	242	246	292	983	179	255	379	148	141
15	253	233	232	225	242	276	1930	176	429	189	146	142
16	203	219	225	219	237	288	1470	172	288	189	142	143
17	175	205	231	217	229	580	782	169	220	192	140	151
18	165	197	638	216	224	533	494	165	191	231	140	159
19	160	193	1590	238	268	977	398	161	178	187	180	153
20	159	190	1450	247	549	531	344	157	173	174	162	147
21	155	190	976	228	395	347	299	157	180	163	148	168
22	155	190	633	222	307	289	269	156	205	154	145	245
23	154	187	351	222	270	262	511	154	182	145	142	214
24	156	207	294	277	251	246	861	153	178	142	139	170
25	158	258	268	438	237	378	489	151	196	138	139	156
26	155	216	253	545	231	698	324	149	194	138	149	150
27	155	199	243	2780	225	667	287	149	201	139	175	171
28	203	192	237	2320	595	565	277	152	181	139	184	196
29	262	188	232	1110	1040	444	272	184	170	148	167	186
30	217	189	230	734	---	506	298	189	163	150	209	173
31	186	---	228	656	---	583	---	189	---	146	205	---
TOTAL	6464	7311	13360	14628	12224	19602	15421	5893	6150	5138	4983	4987
MEAN	209	244	431	472	422	632	514	190	205	166	161	166
MAX	644	481	1590	2780	1070	2870	1930	325	429	379	209	245
MIN	139	187	187	216	224	246	237	149	163	138	139	141
CFSM	.69	.80	1.42	1.55	1.39	2.08	1.69	.63	.67	.55	.53	.55
IN.	.79	.89	1.63	1.79	1.50	2.40	1.89	.72	.75	.63	.61	.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	204	310	509	653	798	809	726	486	263	264	233	229
MAX	841	1343	1708	1867	3294	2216	3084	2219	604	1553	660	1082
(WY)	1986	1949	1962	1947	1961	1980	1974	1990	1991	1940	1949	1958
MIN	102	108	169	139	203	203	162	125	124	128	112	99.1
(WY)	1957	1957	1955	1957	1968	1955	1963	1956	1955	1968	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	126908		116161			
ANNUAL MEAN	348		317		455	
HIGHEST ANNUAL MEAN					868	1949
LOWEST ANNUAL MEAN					213	1963
HIGHEST DAILY MEAN	3350	Apr 24	2870	Mar 7	33500	Apr 14 1974
LOWEST DAILY MEAN	131	Sep 12	138	Jul 25	83	Aug 29 1957
ANNUAL SEVEN-DAY MINIMUM	133	Sep 8	141	Jul 23	84	Aug 24 1957
INSTANTANEOUS PEAK FLOW			3590	Mar 7	45500	Apr 14 1974
INSTANTANEOUS PEAK STAGE			12.22	Mar 7	28.18	Apr 14 1974
INSTANTANEOUS LOW FLOW			137	Jul 25,26, Aug 25	83	Aug 29 1957
ANNUAL RUNOFF (CFSM)	1.14		1.04		1.50	
ANNUAL RUNOFF (INCHES)	15.53		14.21		20.35	
10 PERCENT EXCEEDS	651		569		871	
50 PERCENT EXCEEDS	230		218		232	
90 PERCENT EXCEEDS	154		149		134	

02472850 OKATOMA CREEK AT SANFORD, MS

LOCATION.--Lat 31°29'21", long 88°26'01", NW1/4 NE1/4 sec.18, T.6 N., R.14 N., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, near left bank on downstream side of bridge on State Highway 598, 0.3 mi west of Stanford, and 2.6 mi east from intersection of State Highway 598 and U.S. Highway 49, and 6.1 mi upstream from mouth.

DRAINAGE AREA.--257 mi^2.

PERIOD OF RECORD.--October 1994 to current year, occasional discharge measurements, water years 1965-1969, 1989.

GAGE.--Water-stage recorder. Datum of gage is 183.33 ft above sea level (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: Nov. 24-30, Dec. 15 - Jan. 9, Apr. 29, Jun. 13,20, 22-28, Jul. 6-7, 9-11, Sept. 23. Records fair except for estimated discharges, which are poor. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	94	144	142	e240	498	301	1220	316	143	117	137	272
2	94	308	134	e350	798	237	749	248	167	113	356	169
3	185	387	143	e580	1370	202	510	220	171	110	222	132
4	703	288	163	e470	1250	188	414	203	155	109	144	152
5	897	216	182	e380	1270	223	343	194	138	108	161	136
6	999	192	433	e310	906	1520	743	185	131	e106	133	116
7	360	217	680	e270	593	2710	671	181	130	e103	131	109
8	182	376	529	e250	498	1710	467	176	172	101	116	104
9	144	349	693	e230	400	1430	355	170	205	e110	110	101
10	131	250	563	239	348	1240	308	164	165	e110	102	98
11	126	464	386	247	272	820	281	170	141	e130	113	95
12	124	783	295	277	214	569	272	170	130	167	97	92
13	122	789	246	311	195	466	1120	171	e140	134	94	90
14	396	674	220	277	203	444	1310	163	382	121	91	87
15	249	302	e210	256	189	438	2150	159	300	169	91	88
16	170	220	e200	262	171	441	1600	154	290	138	88	94
17	138	188	e330	283	167	498	1120	148	188	180	85	112
18	126	184	e900	301	171	612	861	141	151	217	91	112
19	122	168	e1700	275	240	656	482	134	146	139	89	101
20	116	171	e1600	250	391	396	391	127	e210	114	86	97
21	110	164	e1200	225	365	324	334	125	157	105	82	160
22	108	153	e900	220	291	289	290	122	e150	100	80	144
23	108	153	e540	258	229	268	806	124	e150	96	80	e127
24	109	e180	e320	376	185	280	865	125	e150	91	79	104
25	108	e160	e270	480	171	817	615	121	e149	89	80	98
26	107	e170	e240	751	187	1230	404	118	e200	89	81	95
27	125	e180	e230	2680	194	1020	313	117	e170	88	95	120
28	277	e160	e220	1830	810	898	276	122	e140	95	94	129
29	194	e140	e210	1580	442	650	e370	173	130	100	115	134
30	154	e150	e210	1390	---	697	483	182	122	91	147	151
31	140	---	e200	780	---	1080	---	171	---	90	310	---
TOTAL	7018	8280	14289	16628	13018	22654	20123	5094	5173	3630	3780	3619
MEAN	226	276	461	536	449	731	671	164	172	117	122	121
MAX	999	789	1700	2680	1370	2710	2150	316	382	217	356	272
MIN	94	140	134	220	167	188	272	117	122	88	79	87
CFSM	.88	1.07	1.79	2.09	1.75	2.84	2.61	.64	.67	.46	.47	.47
IN.	1.02	1.20	2.07	2.41	1.88	3.28	2.91	.74	.75	.53	.55	.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1996, BY WATER YEAR (WY)

MEAN	221	256	449	480	381	795	748	238	206	124	123	119
MAX	226	276	461	536	449	860	825	312	241	130	124	121
(WY)	1996	1996	1996	1996	1996	1995	1995	1995	1995	1995	1995	1996
MIN	216	237	437	425	311	731	671	164	172	117	122	117
(WY)	1995	1995	1995	1995	1995	1996	1996	1996	1996	1996	1996	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1995 - 1996	
ANNUAL TOTAL	131141		123306			
ANNUAL MEAN	359		337		345	
HIGHEST ANNUAL MEAN					353	1995
LOWEST ANNUAL MEAN					337	1996
HIGHEST DAILY MEAN	3710	Apr 25	2710	Mar 7	3710	Apr 25 1995
LOWEST DAILY MEAN	87	Sep 4	79	Aug 24	79	Aug 24 1996
ANNUAL SEVEN-DAY MINIMUM	88	Aug 30	81	Aug 20	81	Aug 20 1996
INSTANTANEOUS PEAK FLOW			3300	Mar 7	3800	Apr 25 1995
INSTANTANEOUS PEAK STAGE			13.06	Mar 7	14.00	Apr 25 1995
INSTANTANEOUS LOW FLOW			77	Aug 24	77	Aug 24 1996
ANNUAL RUNOFF (CFSM)	1.40		1.31		1.34	
ANNUAL RUNOFF (INCHES)	18.98		17.85		18.24	
10 PERCENT EXCEEDS	773		800		748	
50 PERCENT EXCEEDS	215		186		205	
90 PERCENT EXCEEDS	108		98		104	

e Estimated

02473000 LEAF RIVER AT HATTIESBURG, MS

LOCATION.--Lat 31°20'33", long 89°16'46", in SW1/4 NW1/4 sec.2, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, on right downstream abutment of bridge on U.S. Highway 11, at eastern city limits of Hattiesburg, 150 ft downstream from Bouie Creek, 3,200 ft upstream from New Orleans and Northeastern Railroad bridge, and at mile 71.8.

DRAINAGE AREA.--1,748 mi^2.

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

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

REMARKS.--Estimated daily discharges: Jun. 13-16, 19-22, 25-26 Jul. 8-14, 21-28, Aug. 13-14. 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 1900 reached a stage of about 33.6 ft from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 27	2115	13,500	13.37	Mar. 8	0530	*13,900	*13.60

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	543	727	737	1390	4810	2520	6290	2200	957	611	872	2070
2	531	1170	724	1810	4120	1850	5870	1830	947	594	1090	1470
3	548	1600	710	2420	8300	1600	4780	1580	1000	580	1500	1120
4	1040	1450	729	2990	9310	1430	3370	1460	987	572	1510	919
5	2520	1160	874	3030	8620	1310	2500	1380	908	563	1260	849
6	2740	1120	1200	2210	6740	2810	3870	1310	810	546	1100	767
7	2130	1150	2760	1730	4230	9370	4260	1250	797	546	1100	704
8	1390	1190	3530	1550	3200	13400	3090	1200	1180	e550	1010	667
9	1030	1490	3560	1670	2700	11800	2380	1150	1030	e570	951	631
10	836	1200	3880	1620	2430	12200	1980	1100	1010	e610	939	629
11	743	1350	3850	1440	2190	10500	1750	1100	873	e660	1210	588
12	693	3260	3510	1410	1980	5220	1600	1100	768	e700	1130	571
13	662	3670	2730	1570	1790	3570	2450	1080	e850	e750	e900	551
14	666	3520	1770	1800	1640	2710	5640	1060	e1100	e810	e770	534
15	1000	2390	1380	1750	1550	2360	9600	1020	e1400	937	716	522
16	958	1560	1230	1490	1480	2150	10200	991	e1300	937	694	525
17	778	1230	1260	1380	1400	2770	7820	977	1220	948	682	541
18	681	1100	2690	1320	1340	2940	6100	946	960	998	665	588
19	632	995	8020	1310	1480	4940	4720	924	e1000	1010	666	573
20	605	925	9910	1380	2770	3240	3620	898	e1000	863	685	532
21	588	869	10600	1370	2760	2860	2780	872	e940	e830	624	732
22	575	815	10800	1390	2270	2520	2350	855	e860	e820	594	748
23	564	790	6270	1300	1860	2000	2580	844	812	e810	571	718
24	581	804	3680	1530	1630	1760	4340	826	758	e800	555	609
25	579	903	2550	2210	1470	2080	3950	802	e830	e790	546	545
26	555	917	2000	3380	1360	5170	3260	787	e830	e790	546	516
27	569	829	1760	11500	1290	6290	2520	765	836	e800	567	1010
28	744	771	1610	12800	3070	7130	2250	755	758	e810	613	1150
29	893	736	1490	10500	4140	6180	2170	872	681	813	651	723
30	820	725	1390	10200	---	5380	2450	988	638	791	812	684
31	794	---	1360	7500	---	5980	---	1020	---	843	1710	---
TOTAL	27988	40416	98564	98950	91930	146040	120540	33942	28040	23252	27239	22786
MEAN	903	1347	3179	3192	3170	4711	4018	1095	935	750	879	760
MAX	2740	3670	10800	12800	9310	13400	10200	2200	1400	1010	1710	2070
MIN	531	725	710	1300	1290	1310	1600	755	638	546	546	516
CFSM	.52	.77	1.82	1.83	1.81	2.70	2.30	.63	.53	.43	.50	.43
IN.	.60	.86	2.10	2.11	1.96	3.11	2.57	.72	.60	.49	.58	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	1002	1663	2976	4142	5126	5194	4812	2914	1424	1474	1176	1099
MAX	3187	6985	11840	11620	15550	10910	16810	11520	3958	10260	3644	4275
(WY)	1986	1949	1962	1990	1961	1943	1980	1991	1989	1940	1992	1979
MIN	347	456	756	797	1090	1221	825	544	529	521	423	377
(WY)	1964	1955	1955	1957	1957	1955	1963	1963	1963	1952	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	745467		759687			
ANNUAL MEAN	2042		2076		2738	
HIGHEST ANNUAL MEAN					5121	1980
LOWEST ANNUAL MEAN					1191	1963
HIGHEST DAILY MEAN	18700	Apr 25	13400	Mar 8	110000	Apr 15 1974
LOWEST DAILY MEAN	438	Sep 12	516	Sep 26	195	Sep 26 1938
ANNUAL SEVEN-DAY MINIMUM	441	Sep 6	545	Sep 14	327	Oct 17 1963
INSTANTANEOUS PEAK FLOW			13900	Mar 8	121000	Apr 15 1974
INSTANTANEOUS PEAK STAGE			13.60	Mar 8	34.03	Apr 15 1974
INSTANTANEOUS LOW FLOW			503	Sep 26	318	Oct 22 1963
ANNUAL RUNOFF (CFSM)	1.17		1.19		1.57	
ANNUAL RUNOFF (INCHES)	15.86		16.17		21.28	
10 PERCENT EXCEEDS	4190		4740		6280	
50 PERCENT EXCEEDS	1150		1160		1330	
90 PERCENT EXCEEDS	569		602		566	

e Estimated

02473000 LEAF RIVER AT HATTIESBURG, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.81	2.21	2.27	3.12	6.96	4.58	8.30	3.95	2.29	1.80	2.22	4.00
2	1.77	2.94	2.25	3.70	6.28	3.76	7.94	3.47	2.27	1.76	2.57	3.20
3	1.81	3.61	2.22	4.47	9.90	3.43	6.93	3.14	2.37	1.73	3.20	2.68
4	2.65	3.40	2.26	5.11	10.66	3.18	5.51	2.97	2.35	1.71	3.21	2.36
5	4.72	2.96	2.52	5.16	10.18	3.01	4.57	2.86	2.22	1.69	2.85	2.24
6	4.97	2.89	3.05	4.21	8.67	4.76	6.01	2.74	2.06	1.65	2.59	2.09
7	4.25	2.94	5.05	3.60	6.39	10.55	6.42	2.65	2.04	1.65	2.58	1.98
8	3.26	3.02	5.91	3.36	5.34	13.32	5.22	2.57	2.69	---	2.43	1.91
9	2.71	3.46	5.94	3.52	4.79	12.31	4.42	2.50	2.46	---	2.33	1.84
10	2.37	3.03	6.25	3.45	4.48	12.57	3.93	2.43	2.43	---	2.31	1.84
11	2.20	3.25	6.22	3.19	4.20	11.43	3.63	2.42	2.20	---	2.75	1.76
12	2.11	5.58	5.88	3.16	3.93	7.33	3.43	2.42	2.02	---	2.62	1.74
13	2.06	6.02	5.04	3.38	3.68	5.72	4.39	2.38	---	---	---	1.69
14	2.07	5.87	3.87	3.70	3.48	4.81	7.65	2.36	---	---	---	1.66
15	2.67	4.62	3.32	3.63	3.36	4.40	10.81	2.29	---	2.37	1.91	1.64
16	2.60	3.57	3.10	3.28	3.25	4.14	11.29	2.25	---	2.37	1.87	1.65
17	2.28	3.08	3.13	3.11	3.14	4.87	9.53	2.23	2.80	2.38	1.86	1.69
18	2.09	2.89	4.87	3.02	3.05	5.06	8.00	2.18	2.39	2.46	1.83	1.79
19	2.01	2.71	9.71	3.01	3.25	7.08	6.64	2.15	---	2.48	1.83	1.76
20	1.96	2.60	11.08	3.12	4.87	5.38	5.51	2.11	---	2.23	1.87	1.68
21	1.92	2.50	11.52	3.10	4.86	4.97	4.62	2.07	---	---	1.75	2.07
22	1.89	2.41	11.65	3.12	4.29	4.58	4.12	2.05	---	---	1.70	2.12
23	1.87	2.36	8.24	2.99	3.78	3.96	4.38	2.03	2.16	---	1.66	2.07
24	1.91	2.39	5.84	3.33	3.46	3.64	6.25	2.01	2.07	---	1.62	1.85
25	1.90	2.56	4.61	4.22	3.25	4.04	5.85	1.97	---	---	1.61	1.72
26	1.86	2.59	3.96	5.50	3.08	7.28	5.14	1.95	---	---	1.61	1.66
27	1.89	2.44	3.65	12.08	2.98	8.30	4.33	1.91	2.23	---	1.66	2.46
28	2.23	2.34	3.43	12.94	5.13	9.01	4.01	1.90	2.09	---	1.76	2.77
29	2.51	2.27	3.27	11.50	6.30	8.20	3.90	2.11	1.95	2.12	1.84	2.07
30	2.38	2.25	3.13	11.28	---	7.50	4.24	2.33	1.86	2.07	2.15	1.99
31	2.33	---	3.08	9.26	---	8.03	---	2.38	---	2.16	3.50	---
MEAN	2.42	3.16	5.04	4.89	5.07	6.49	5.90	2.41	---	---	---	2.07
MAX	4.97	6.02	11.65	12.94	10.66	13.32	11.29	3.95	---	---	---	4.00
MIN	1.77	2.21	2.22	2.99	2.98	3.01	3.43	1.90	---	---	---	1.64

02473460 TALLAHALA CREEK AT WALDRUP, MS

LOCATION.--Lat 31°57'58", long 89°06'55", in SW1/4 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 mi^2.

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 sea level. Prior to October 1979, at datum 290.00 ft lower. October 1979 to September 1980, non-recording gage and crest-stage gage at same site and datum.

REMARKS.--No estimated daily discharge. Records good. Satellite telemeter at station. Statistics shown below are for water years 1980 to the current year, except for instantaneous extremes, which are shown for the entire period of record at the present datum.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	2115	2,050	17.72	Feb. 3	1015	*3,330	*18.63
Jan. 28	0345	2,640	18.20	Mar. 8	0715	2,660	18.21

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	21	15	55	223	52	551	69	10	4.4	499	30
2	6.2	23	14	169	732	40	192	39	9.2	4.0	373	20
3	8.7	32	14	305	2640	29	113	29	12	3.6	187	17
4	174	39	32	130	1590	23	85	24	11	3.4	64	14
5	176	29	50	87	260	20	71	21	9.2	3.1	31	12
6	173	25	102	74	159	142	91	19	8.2	3.0	160	10
7	53	44	531	69	148	1400	117	17	7.4	2.7	91	8.6
8	31	141	253	69	126	2310	80	16	9.8	3.0	32	7.9
9	23	88	478	57	98	890	57	14	14	4.2	40	8.5
10	19	52	688	53	82	211	45	13	11	8.4	54	11
11	19	610	171	53	68	150	38	12	8.6	18	23	11
12	17	842	91	113	54	123	34	13	7.7	9.7	17	12
13	18	262	69	125	42	107	282	12	7.9	7.2	16	8.9
14	23	88	58	84	36	95	541	11	23	213	18	7.1
15	28	75	52	67	33	89	693	10	28	71	16	6.4
16	22	55	121	78	28	84	768	9.8	28	33	12	6.3
17	19	39	510	76	23	80	151	9.3	17	85	9.6	7.1
18	20	31	732	69	20	94	79	8.6	12	116	8.5	7.4
19	20	26	1770	89	120	140	73	8.3	9.9	47	8.0	7.0
20	18	21	1770	87	1190	101	61	8.2	8.8	18	7.8	6.2
21	17	18	499	67	651	76	48	8.0	8.1	11	7.3	5.9
22	17	15	147	60	116	66	38	7.3	9.0	8.4	6.4	6.6
23	17	15	106	56	70	61	153	6.8	12	7.7	5.9	6.7
24	18	21	86	270	49	57	200	6.1	9.7	6.3	5.7	5.8
25	24	34	74	458	36	499	71	6.2	8.6	6.9	5.8	5.6
26	20	26	66	260	29	1260	80	6.1	9.5	34	6.0	5.2
27	18	20	60	1720	26	615	86	5.8	8.0	72	7.1	5.5
28	41	17	55	2240	34	508	46	5.7	7.4	32	12	7.7
29	34	16	51	709	70	326	72	13	6.1	67	16	12
30	22	17	48	271	---	439	221	17	5.0	52	30	9.1
31	19	---	48	247	---	682	---	12	---	25	78	---
TOTAL	1120.9	2742	8761	8267	8753	10769	5137	457.2	336.1	980.0	1847.1	288.5
MEAN	36.2	91.4	283	267	302	347	171	14.7	11.2	31.6	59.6	9.62
MAX	176	842	1770	2240	2640	2310	768	69	28	213	499	30
MIN	6.0	15	14	53	20	20	34	5.7	5.0	2.7	5.7	5.2
CFSM	.35	.90	2.77	2.61	2.96	3.41	1.68	.14	.11	.31	.58	.09
IN.	.41	1.00	3.20	3.02	3.19	3.93	1.87	.17	.12	.36	.67	.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1996, BY WATER YEAR (WY)

MEAN	54.1	145	207	328	416	380	294	141	50.6	72.7	34.3	29.6
MAX	294	367	710	834	1119	880	737	739	221	429	165	263
(WY)	1986	1987	1983	1990	1990	1980	1991	1991	1983	1989	1982	1988
MIN	4.83	6.79	14.3	30.5	115	131	35.8	11.8	2.90	6.81	4.94	4.79
(WY)	1988	1982	1991	1981	1995	1982	1986	1988	1988	1981	1986	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1980 - 1996	
ANNUAL TOTAL	52264.8		49458.8			
ANNUAL MEAN	143		135		178	
HIGHEST ANNUAL MEAN					301	1983
LOWEST ANNUAL MEAN					86.6	1981
HIGHEST DAILY MEAN	3830	Apr 24	2640	Feb 3	10900	Feb 16 1990
LOWEST DAILY MEAN	3.5	Aug 30	2.7	Jul 7	1.5	Jul 1 1988
ANNUAL SEVEN-DAY MINIMUM	3.8	Aug 28	3.3	Jul 2	1.9	Jun 25 1988
INSTANTANEOUS PEAK FLOW			3330	Feb 3	17900	Apr 13 1974
INSTANTANEOUS PEAK STAGE			18.63	Feb 3	23.18	Apr 13 1974
INSTANTANEOUS LOW FLOW			2.4	Jul 7	1.5	Jul 1 1988
ANNUAL RUNOFF (CFSM)	1.40		1.32		1.75	
ANNUAL RUNOFF (INCHES)	19.06		18.04		23.73	
10 PERCENT EXCEEDS	314		289		436	
50 PERCENT EXCEEDS	29		32		33	
90 PERCENT EXCEEDS	6.0		7.0		6.2	

02473500 TALLAHALA CREEK AT LAUREL, MS

LOCATION.--Lat 31°40'50", long 89°06'55", in NE1/4 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 mi^2.

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 sea level (Mississippi Department of Transportation bench mark). Prior to Dec. 14, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct. 28-29, July 1-16, Aug. 3-4. Records fair except for estimated daily discharges, which are poor. 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 Department of Transportation.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Feb. 1	0130	*1,830	*10.96	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.0	32	50	171	1710	447	1020	454	31	e16	102	167
2	8.8	32	49	212	976	372	978	321	35	e15	145	150
3	18	39	47	291	924	304	841	198	33	e14	e220	85
4	25	40	53	394	1010	257	443	144	28	e13	e280	62
5	34	36	75	340	1090	223	314	116	25	e13	225	49
6	182	41	177	238	1360	301	372	99	24	e12	135	39
7	198	48	360	198	1730	1050	423	88	25	e12	113	33
8	148	63	590	181	1050	1340	391	82	25	e12	233	28
9	71	113	735	164	510	1240	313	71	21	e11	141	27
10	38	184	666	154	405	1360	242	64	22	e11	89	23
11	25	301	655	146	348	1640	204	58	21	e11	88	19
12	19	600	671	151	302	1570	177	54	25	e17	88	18
13	14	643	382	185	265	545	308	49	50	e35	55	20
14	12	665	223	240	234	357	571	45	61	e70	44	20
15	11	481	173	210	216	294	895	44	35	e120	38	21
16	28	206	146	177	205	262	976	41	52	e200	32	21
17	20	144	163	169	194	269	962	37	82	108	30	18
18	15	109	561	182	181	294	877	34	66	61	26	15
19	13	86	979	179	271	366	484	32	49	106	21	14
20	11	73	1040	184	644	334	320	29	46	143	18	12
21	8.7	62	1070	192	804	290	285	27	33	88	17	14
22	7.6	56	1140	178	869	223	223	26	26	52	17	14
23	8.3	56	1240	157	938	185	252	24	23	35	15	14
24	10	56	1040	184	608	169	323	22	26	25	14	15
25	12	72	386	314	359	344	443	21	27	18	12	14
26	9.2	72	282	685	284	604	308	18	32	17	11	14
27	7.0	77	237	1330	239	823	220	16	26	15	14	24
28	e10	72	207	1320	684	946	264	23	22	30	14	19
29	e15	59	187	1250	726	1040	246	33	19	96	21	18
30	24	53	170	1410	---	1130	351	18	17	67	57	18
31	36	---	159	1680	---	1040	---	23	---	102	117	---
TOTAL	1047.6	4571	13913	12866	19136	19619	14026	2311	1007	1545	2432	1005
MEAN	33.8	152	449	415	660	633	468	74.5	33.6	49.8	78.5	33.5
MAX	198	665	1240	1680	1730	1640	1020	454	82	200	280	167
MIN	7.0	32	47	146	181	169	177	16	17	11	11	12
CFSM	.14	.64	1.89	1.74	2.77	2.66	1.96	.31	.14	.21	.33	.14
IN.	.16	.71	2.17	2.01	2.99	3.07	2.19	.36	.16	.24	.38	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	62.7	175	398	588	760	803	706	344	119	133	77.9	64.9
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	98962.1		93478.6			
ANNUAL MEAN	271		255		351	
HIGHEST ANNUAL MEAN					726	1980
LOWEST ANNUAL MEAN					109	1957
HIGHEST DAILY MEAN	4290	Apr 26	1730	Feb 7	18400	Apr 14 1974
LOWEST DAILY MEAN	6.1	Sep 11	7.0	Oct 27	1.8	Oct 31 1963
ANNUAL SEVEN-DAY MINIMUM	7.0	Sep 11	9.0	Oct 21	2.0	Oct 26 1963
INSTANTANEOUS PEAK FLOW			1830	Feb 1	23300	Apr 14 1974
INSTANTANEOUS PEAK STAGE			10.96	Feb 1	23.28	Apr 14 1974
INSTANTANEOUS LOW FLOW			6.3	Oct 27	1.8	Nov 3 1952
ANNUAL RUNOFF (CFSM)	1.14		1.07		1.47	
ANNUAL RUNOFF (INCHES)	15.47		14.61		20.01	
10 PERCENT EXCEEDS	691		871		950	
50 PERCENT EXCEEDS	99		100		99	
90 PERCENT EXCEEDS	11		15		14	

e Estimated

02474500 TALLAHALA CREEK NEAR RUNNELSTOWN, MS

LOCATION.--Lat 31°19'57", long 89°06'46", in SE1/4 SE1/4 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 mi^2.

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 sea level. Prior to Oct. 1, 1971, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 14-30, Apr. 1-16, May 30. 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 1/2 ft in April 1900, flood in December 1919 reached a stage of 26 1/2 ft, and flood in about 1865 reached a stage between 26 1/2 ft and 30 1/2 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 8	0700	*4,390	*14.27	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	149	166	412	3070	1620	e3000	807	101	77	218	438
2	68	309	161	673	3030	984	e2600	775	100	71	229	541
3	69	482	157	672	2640	782	e2000	605	113	70	352	399
4	70	279	159	723	2300	642	e1250	437	110	68	722	267
5	146	239	199	788	2260	548	e800	351	106	66	617	196
6	279	196	296	701	2300	1110	e700	300	96	62	432	214
7	462	191	954	537	2550	2980	e700	266	91	60	381	199
8	446	263	1220	458	2820	4270	e750	241	201	75	552	122
9	362	290	1570	416	1930	3690	e750	223	148	62	466	116
10	243	418	1740	389	1070	3090	e700	211	106	61	313	105
11	167	506	1440	376	890	2770	e650	197	94	59	266	102
12	126	1030	1330	395	766	2840	e650	184	88	57	317	87
13	104	1480	1160	417	669	2600	e800	170	112	57	265	78
14	e95	1520	753	456	589	1270	e1550	162	178	91	188	73
15	e90	1340	528	503	534	881	e2100	155	271	96	148	73
16	e140	877	438	474	490	761	e2250	148	228	132	131	78
17	e120	521	405	415	459	1070	2240	143	140	174	114	78
18	e110	385	964	394	432	1120	1950	140	187	246	101	89
19	e100	312	2460	398	443	2130	1650	134	173	192	94	79
20	e95	263	2480	402	1550	1310	1120	125	171	183	87	71
21	e90	231	2300	410	1730	933	818	117	155	217	80	101
22	e90	201	2150	418	1630	760	695	112	131	177	75	104
23	e85	186	2120	391	1540	629	682	106	155	130	73	87
24	e85	194	2150	537	1380	544	1100	102	129	106	73	72
25	e80	213	1610	656	957	662	985	97	105	89	70	72
26	e80	244	803	819	658	1750	999	93	129	79	71	71
27	e85	244	618	3510	544	1730	755	89	105	72	69	82
28	e90	218	532	3990	1250	2170	561	86	101	69	66	258
29	e105	200	474	3460	2120	2120	579	119	95	69	120	187
30	e120	179	431	3100	---	2650	1130	e220	85	115	189	104
31	132	---	406	3160	---	2990	---	117	---	212	200	---
TOTAL	4401	13160	32174	30450	42601	53406	36514	7032	4004	3294	7079	4543
MEAN	142	439	1038	982	1469	1723	1217	227	133	106	228	151
MAX	462	1520	2480	3990	3070	4270	3000	807	271	246	722	541
MIN	67	149	157	376	432	544	561	86	85	57	66	71
CFSM	.23	.72	1.70	1.60	2.40	2.81	1.99	.37	.22	.17	.37	.25
IN.	.27	.80	1.96	1.85	2.59	3.25	2.22	.43	.24	.20	.43	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1996, BY WATER YEAR (WY)

MEAN	224	492	1068	1527	1919	2005	1815	1019	374	438	273	258
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1940 - 1996	
ANNUAL TOTAL	248644		238658			
ANNUAL MEAN	681		652		942	
HIGHEST ANNUAL MEAN					1949	1949
LOWEST ANNUAL MEAN					330	1963
HIGHEST DAILY MEAN	6200	Apr 28	4270	Mar 8	29600	Feb 25 1961
LOWEST DAILY MEAN	42	Sep 12	57	Jul 12	29	Oct 31 1963
ANNUAL SEVEN-DAY MINIMUM	43	Sep 9	62	Jul 7	31	Nov 12 1963
INSTANTANEOUS PEAK FLOW			4390	Mar 8	32800	Feb 24 1961
INSTANTANEOUS PEAK STAGE			14.27	Mar 8	30.07	Feb 24 1961
INSTANTANEOUS LOW FLOW			56	Jul 12	29	Oct 31 1963
ANNUAL RUNOFF (CFSM)	1.11		1.07		1.54	
ANNUAL RUNOFF (INCHES)	15.11		14.51		20.91	
10 PERCENT EXCEEDS	2070		2110		2620	
50 PERCENT EXCEEDS	309		275		[illegible]	
90 PERCENT EXCEEDS	69		79			

e Estimated

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS

LOCATION.--Lat 31°13'17", long 89°03'11", in NE1/4 SW1/4 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 mi^2.

PERIOD OF RECORD.--December 1983 to current year. Daily mean gage heights published since December 1983.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 72.00 ft above sea level.

REMARKS.--Estimated daily discharges: Mar. 26-27, Apr. 13-17, May 16-21, May 29-30 . Records fair except for estimated discharges, which are poor. 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 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	733	1130	1020	2120	9160	5370	9400	3310	1170	1010	1480	1620
2	719	1370	1010	2340	7570	3570	8820	2900	1160	1010	1470	1630
3	725	2390	997	2880	8750	2920	8060	2520	1160	1000	1660	1420
4	866	2040	1010	3300	10900	2560	6680	2170	1170	1010	1880	1240
5	2010	1700	1050	3800	10600	2320	5080	1970	1160	1010	1900	1130
6	2810	1530	1300	3330	9740	2520	5520	1830	1110	1010	1760	1070
7	2950	1520	2290	2570	7440	7880	7470	1710	1080	1010	1680	1050
8	2210	1570	4300	2210	6260	13700	6070	1600	1260	1030	1730	969
9	1700	1690	4600	2100	5300	15300	4870	1540	1270	1050	1710	930
10	1360	1830	5240	2180	4060	14300	4110	1470	1180	1080	1630	898
11	1150	1750	5080	2050	3560	14000	3640	1430	1140	1080	1650	881
12	1020	2920	4860	1930	3130	10900	3360	1410	1080	1080	1730	842
13	957	4570	4260	1980	2880	7640	e5000	1360	1060	1150	1630	813
14	999	4900	3250	2130	2720	5480	e7500	1320	1140	1180	1510	790
15	1020	4190	2290	2350	2510	4370	e10000	1280	1240	1280	1420	766
16	1240	3110	1950	2150	2320	3970	e11000	e1250	1390	1250	1370	750
17	1110	2190	1810	2010	2210	4520	e11000	e1200	1310	1280	1330	737
18	991	1810	3170	1930	2120	5150	8740	e1200	1210	1350	1300	755
19	921	1660	8040	1780	2220	7070	7050	e1150	1210	1370	1270	778
20	865	1520	10700	1830	4050	6510	5340	e1100	1240	1340	1260	768
21	836	1350	11200	1830	4850	4870	4120	e1100	1180	1300	1230	809
22	814	1200	11700	1860	4300	4520	3440	1050	1130	1270	1190	939
23	793	1180	10600	1800	3850	3870	3320	1050	1090	1240	1150	891
24	777	1180	6690	1980	3400	3420	4650	1050	1080	1230	1130	860
25	790	1170	5040	2540	2970	3770	5060	1050	1040	1210	1100	814
26	778	1260	3430	3290	2520	e6300	4550	1050	1060	1240	1090	787
27	781	1270	2840	9500	2300	e8400	3750	1050	1070	1220	1060	785
28	841	1170	2440	14500	3890	9100	3080	1050	1070	1220	1060	1170
29	1050	1070	2250	14500	6970	9060	2890	e1100	1040	1250	1060	993
30	1140	1030	2160	12600	---	8670	3420	e1200	1020	1330	1130	869
31	1090	---	2100	12300	---	9610	---	1200	---	1360	1220	---
TOTAL	36046	57270	128677	123670	142550	211640	176990	45670	34520	36450	43790	28754
MEAN	1163	1909	4151	3989	4916	6827	5900	1473	1151	1176	1413	958
MAX	2950	4900	11700	14500	10900	15300	11000	3310	1390	1370	1900	1630
MIN	719	1030	997	1780	2120	2320	2890	1050	1020	1000	1060	737
CFSM	.46	.75	1.63	1.57	1.93	2.69	2.32	.58	.45	.46	.56	.38
IN.	.53	.84	1.88	1.81	2.09	3.10	2.59	.67	.51	.53	.64	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1996, BY WATER YEAR (WY)

MEAN	1679	3206	3881	7082	7691	7136	5220	4514	2411	2199	1586	1324
MAX	3904	6466	7355	14920	21510	14330	9662	18250	6097	6709	2516	3485
(WY)	1985	1994	1987	1990	1990	1987	1991	1991	1991	1993	1985	1988
MIN	713	912	1373	2389	3268	3645	1624	1131	757	916	802	759
(WY)	1988	1991	1988	1988	1995	1988	1986	1988	1988	1995	1986	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1984 - 1996	
ANNUAL TOTAL	1069870		1066027			
ANNUAL MEAN	2931		2913		4021	
HIGHEST ANNUAL MEAN					6332	1990
LOWEST ANNUAL MEAN					2328	1988
HIGHEST DAILY MEAN	19300	Apr 27	15300	Mar 9	74000	Feb 20 1990
LOWEST DAILY MEAN	632	Sep 11	719	Oct 2	590	Jul 2 1988
ANNUAL SEVEN-DAY MINIMUM	639	Sep 7	763	Sep 14	609	Jun 28 1988
INSTANTANEOUS PEAK FLOW			15600	Mar 9	74700	May 15 1990
INSTANTANEOUS PEAK STAGE			15.88	Mar 9	30.71	May 15 1990
INSTANTANEOUS LOW FLOW			694	Oct 3	590	Jul 2 1988
ANNUAL RUNOFF (CFSM)	1.15		1.15		1.58	
ANNUAL RUNOFF (INCHES)	15.66		15.60		21.49	
10 PERCENT EXCEEDS	6760		7480		9160	
50 PERCENT EXCEEDS	1810		1630		2170	
90 PERCENT EXCEEDS	809		984		886	

e Estimated

02474560 LEAF RIVER NEAR NEW AUGUSTA, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.05	2.83	2.70	4.15	11.07	7.74	11.28	5.60	2.80	2.49	2.97	3.21
2	2.04	3.19	2.68	4.44	9.76	5.89	10.70	5.12	2.78	2.47	2.95	3.23
3	2.06	4.61	2.66	5.10	10.74	5.15	9.72	4.66	2.78	2.46	3.23	2.93
4	2.32	4.15	2.67	5.59	12.42	4.72	8.26	4.23	2.79	2.46	3.53	2.65
5	4.01	3.69	2.75	6.15	12.26	4.42	6.76	3.96	2.77	2.45	3.55	2.48
6	5.06	3.44	3.15	5.63	11.55	4.60	7.15	3.77	2.70	2.45	3.34	2.39
7	5.24	3.43	4.49	4.73	9.64	9.84	8.99	3.60	2.64	2.44	3.22	2.36
8	4.33	3.50	6.82	4.27	8.59	14.53	7.70	3.44	2.93	2.47	3.28	2.24
9	3.63	3.68	7.14	4.13	7.68	15.67	6.55	3.35	2.94	2.50	3.24	2.17
10	3.14	3.88	7.77	4.23	6.43	14.97	5.77	3.25	2.81	2.54	3.12	2.13
11	2.82	3.77	7.62	4.07	5.88	14.72	5.27	3.20	2.75	2.52	3.15	2.10
12	2.61	5.23	7.40	3.90	5.39	12.35	4.95	3.16	2.64	2.51	3.25	2.04
13	2.50	7.08	6.78	3.97	5.11	9.22	---	3.09	2.61	2.62	3.11	1.99
14	2.57	7.41	5.68	4.17	4.91	7.14	---	3.03	2.75	2.66	2.94	1.96
15	2.61	6.68	4.53	4.45	4.65	6.04	---	2.96	2.90	2.82	2.82	1.92
16	2.97	5.50	4.07	4.19	4.41	5.62	---	---	3.13	2.75	2.74	1.89
17	2.77	4.37	3.89	4.01	4.27	6.18	---	---	3.01	2.79	2.70	1.88
18	2.57	3.87	5.55	3.90	4.16	6.83	10.74	---	2.85	2.90	2.65	1.92
19	2.45	3.66	10.19	3.69	4.29	8.69	9.30	---	2.86	2.92	2.61	1.96
20	2.35	3.45	12.33	3.76	6.39	8.11	7.72	---	2.90	2.86	2.60	1.95
21	2.30	3.20	12.67	3.77	7.24	6.55	6.48	---	2.81	2.79	2.56	2.03
22	2.27	2.98	13.03	3.80	6.68	6.20	5.75	2.60	2.72	2.75	2.50	2.27
23	2.23	2.94	12.20	3.73	6.20	5.51	5.61	2.60	2.67	2.69	2.45	2.19
24	2.20	2.94	8.97	3.97	5.71	5.02	7.03	2.60	2.64	2.65	2.41	2.14
25	2.23	2.93	7.42	4.69	5.22	5.40	7.44	2.60	2.59	2.62	2.38	2.06
26	2.20	3.08	5.73	5.57	4.67	---	6.93	2.59	2.60	2.66	2.36	2.01
27	2.22	3.10	5.05	11.26	4.39	---	6.09	2.60	2.61	2.61	2.33	2.01
28	2.33	2.94	4.56	15.07	6.11	11.01	5.33	2.60	2.62	2.61	2.32	2.65
29	2.69	2.79	4.32	15.05	9.23	10.96	5.12	---	2.56	2.65	2.34	2.37
30	2.83	2.72	4.21	13.76	---	10.49	5.71	---	2.52	2.77	2.45	2.16
31	2.74	---	4.13	13.52	---	11.45	---	2.83	---	2.81	2.60	---
MEAN	2.79	3.90	6.23	5.89	7.07	---	---	---	2.76	2.64	2.83	2.24
MAX	5.24	7.41	13.03	15.07	12.42	---	---	---	3.13	2.92	3.55	3.23
MIN	2.04	2.72	2.66	3.69	4.16	---	---	---	2.52	2.44	2.32	1.88

02474600 BOGUE HOMO NEAR RICHTON, MS

LOCATION.--Lat 31°24'12", long 89°01'18", in NE1/4 NW1/4 sec.17, T.5 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, near right bank at downstream side of bridge on county highway, 0.5 mi upstream from Linda Creek, 1.0 mi downstream from Sweetwater Creek, 3.5 mi upstream from State Highway 42, and 6.0 mi northwest of Richton.

DRAINAGE AREA.--344 mi^2.

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 sea level, from topographic map.

REMARKS.--Estimated daily discharges: Mar. 31 - May 21. 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 26 1/2 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 ft^3/s was measured Oct. 16, 1963.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,700 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 8	1415	*3,280	*9.82	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.1	44	67	141	1970	843	e1440	e290	31	13	32	30
2	7.5	146	55	288	1580	857	e930	e230	24	12	76	51
3	11	435	40	513	1460	1010	e688	e190	20	11	380	47
4	25	200	37	485	1130	976	e568	e160	17	10	194	45
5	41	109	40	411	882	561	e516	e140	15	9.6	98	28
6	32	71	49	292	849	606	e585	e120	16	9.3	51	22
7	22	68	235	210	852	1900	e810	e104	18	8.9	33	34
8	22	120	580	175	672	3060	e499	e91	100	9.2	25	21
9	17	87	567	154	475	2980	e344	e81	73	13	21	28
10	14	66	708	129	386	2500	e282	e73	35	17	19	16
11	12	101	698	122	337	2070	e240	e67	21	13	41	17
12	12	184	654	134	291	1720	e234	e61	17	11	40	17
13	11	217	581	182	257	1170	e340	e56	16	9.7	25	12
14	14	257	411	215	225	612	e636	e51	20	16	18	11
15	11	328	238	205	197	438	e1140	e47	23	13	15	9.7
16	13	313	182	180	179	374	e1010	e42	62	46	13	9.8
17	13	180	176	157	178	584	e688	e36	48	37	12	8.8
18	12	124	885	144	176	1290	e533	e31	34	22	11	7.8
19	11	96	1890	142	175	2040	e413	e27	33	16	11	7.5
20	12	79	1750	149	742	1860	e310	e23	38	15	10	7.5
21	12	68	1140	166	852	1160	e275	e21	35	14	9.8	12
22	11	58	1050	157	835	889	e261	18	29	12	8.8	17
23	11	56	1040	145	906	616	e240	17	74	10	8.5	14
24	13	63	895	315	980	410	e412	16	92	9.4	8.3	10
25	12	56	477	625	770	462	e275	15	47	8.8	7.9	9.0
26	10	95	254	495	402	951	e240	14	31	14	8.2	8.2
27	11	96	201	2310	272	1080	e220	13	22	18	7.8	16
28	18	91	174	2610	1130	1400	e196	14	18	20	8.8	45
29	17	77	152	1810	1250	1390	e182	27	16	18	11	63
30	18	65	138	1850	---	1790	e168	27	13	16	14	43
31	30	---	126	2230	---	e2200	---	24	---	20	14	---
TOTAL	483.6	3950	15490	17141	20410	39799	14675	2126	1038	471.9	1232.1	667.3
MEAN	15.6	132	500	553	704	1284	489	68.6	34.6	15.2	39.7	22.2
MAX	41	435	1890	2610	1970	3060	1440	290	100	46	380	63
MIN	7.5	44	37	122	175	374	168	13	13	8.8	7.8	7.5
CFSM	.05	.38	1.45	1.61	2.05	3.73	1.42	.20	.10	.04	.12	.06
IN.	.05	.43	1.68	1.85	2.21	4.30	1.59	.23	.11	.05	.13	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1996, BY WATER YEAR (WY)

MEAN	145	270	670	1047	1054	1076	989	576	173	147	93.8	159
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	15.2	15.2	8.62
(WY)	1991	1982	1988	1981	1989	1986	1986	1988	1985	1996	1972	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1971 - 1996	
ANNUAL TOTAL	130864.9		117483.9			
ANNUAL MEAN	359		321		531	
HIGHEST ANNUAL MEAN					911	1974
LOWEST ANNUAL MEAN					201	1988
HIGHEST DAILY MEAN	4060	Mar 9	3060	Mar 8	19900	Dec 28 1973
LOWEST DAILY MEAN	7.0	Sep 9	7.5	Oct 2	6.4	Aug 1 1981
ANNUAL SEVEN-DAY MINIMUM	7.4	Sep 6	8.3	Aug 22	6.6	Jul 30 1981
INSTANTANEOUS PEAK FLOW			3280	Mar 8	21900	Dec 28 1973
INSTANTANEOUS PEAK STAGE			9.82	Mar 8	27.63	Dec 28 1973
INSTANTANEOUS LOW FLOW			7.0	Aug 24,25	6.2	Aug 1 1981
ANNUAL RUNOFF (CFSM)	1.04		.93		1.54	
ANNUAL RUNOFF (INCHES)	14.15		12.70		20.97	
10 PERCENT EXCEEDS	1050		989		1450	
50 PERCENT EXCEEDS	91		73		166	
90 PERCENT EXCEEDS	11		11		19	

e Estimated

02475000 LEAF RIVER NEAR McLAIN, MS

LOCATION.--Lat 31°06'10", long 88°48'30", in SE1/4 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 mi^2.

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 sea level. Prior to Sept. 8, 1940, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Dec. 11-12, Dec. 18 - Jan. 23, Jan. 27 - Mar. 1, May 9 - Jun. 8, 10-11. Records good except for estimated daily discharges, which are poor. 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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	815	1350	1450	e2900	e14000	e12000	16700	4670	e1600	989	1120	1570
2	800	1470	1420	e3200	e11000	7890	15100	4010	e1600	941	1390	2390
3	834	3020	1400	e3800	e12000	5850	13100	3610	e1600	908	1680	2300
4	1100	3760	1380	e4500	e15000	5020	10800	3170	e1600	877	2250	1830
5	1850	2920	1420	e5200	e14500	4360	8230	2810	e1600	861	2530	1540
6	2920	2380	1540	e4500	e13000	3730	7300	2580	e1550	838	2290	1330
7	3220	2250	1960	e4000	e11000	7200	10500	2400	e1500	818	1910	1250
8	2900	2680	4130	e3100	e9000	15500	9320	2260	e1800	806	1690	1210
9	2190	2410	5710	e2900	e7500	20100	7030	e2150	2140	856	1720	1040
10	1770	2480	6350	e2950	e6000	21800	5700	e2050	e1750	1270	1560	969
11	1460	2370	e7100	e2900	e5300	21600	4850	e2000	e1500	961	1370	933
12	1270	2830	e6900	e2700	e4600	20900	4210	e2000	1340	872	1500	907
13	1160	4930	6260	e2700	e4200	15900	4020	e1900	1220	871	1540	884
14	1140	5880	5240	e2900	e3900	9750	5990	e1850	1340	963	1320	889
15	1130	5760	3770	e3200	e3600	6080	10900	e1800	1590	1110	1130	883
16	1270	4640	2930	e3000	e3400	4890	14600	e1750	1890	1290	1010	848
17	1350	3450	2580	e2800	e3150	6110	16200	e1700	2020	1320	948	815
18	1220	2650	e5700	e2600	e3000	9210	14100	e1700	1870	1270	917	801
19	1110	2240	e10000	e2450	e3100	9600	11400	e1600	1590	1350	879	824
20	1040	1990	e14500	e2500	e5000	11500	8920	e1550	1740	1290	861	832
21	996	1830	e15000	e2500	e6600	8650	6550	e1550	1660	1180	880	843
22	975	1710	e16000	e2500	e6200	7050	5070	e1500	1570	1080	835	1140
23	954	1600	e15000	e2450	e5400	6390	4750	e1450	1400	1000	797	1110
24	930	1630	e10000	2870	e4800	5320	5920	e1450	1360	980	770	1020
25	926	1720	e7500	3980	e4200	5090	6980	e1450	1300	868	752	917
26	934	1690	e5000	4550	e3600	7420	6310	e1450	1230	824	757	838
27	922	1760	e4000	e14000	e3200	10300	5490	e1450	1210	880	757	819
28	938	1680	e3500	e18000	e5000	13700	4420	e1450	1200	821	758	1140
29	1050	1580	e3150	e20000	e8000	14100	3880	e1550	1140	805	807	1710
30	1270	1510	e3000	e18000	---	14500	4070	e1700	1050	878	904	1240
31	1300	---	e2950	e17500	---	17100	---	e1700	---	983	1050	---
TOTAL	41744	78170	176840	171150	199250	328610	252410	64260	45960	30760	38682	34822
MEAN	1347	2606	5705	5521	6871	10600	8414	2073	1532	992	1248	1161
MAX	3220	5880	16000	20000	15000	21800	16700	4670	2140	1350	2530	2390
MIN	800	1350	1380	2450	3000	3730	3880	1450	1050	805	752	801
CFSM	.39	.75	1.63	1.58	1.97	3.03	2.41	.59	.44	.28	.36	.33
IN.	.44	.83	1.88	1.82	2.12	3.50	2.69	.68	.49	.33	.41	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1996, BY WATER YEAR (WY)

MEAN	1760	3004	6041	8302	10360	10880	9999	6096	2726	2863	2137	2115
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1940 - 1996	
ANNUAL TOTAL	1630666		1462658			
ANNUAL MEAN	4468		3996		5499	
HIGHEST ANNUAL MEAN					11060	1949
LOWEST ANNUAL MEAN					2024	1963
HIGHEST DAILY MEAN	25600	Apr 28	21800	Mar 10	126000	Feb 26 1961
LOWEST DAILY MEAN	736	Sep 12	752	Aug 25	482	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	745	Sep 9	771	Aug 23	488	Oct 20 1963
INSTANTANEOUS PEAK FLOW			21900a	Mar 10	128000	Feb 26 1961
INSTANTANEOUS PEAK STAGE			17.34a	Mar 10	31.64	Feb 26 1961
INSTANTANEOUS LOW FLOW			744	Aug 25,26	478	Oct 22 1963
ANNUAL RUNOFF (CFSM)	1.28		1.14		1.57	
ANNUAL RUNOFF (INCHES)	17.36		15.57		21.38	
10 PERCENT EXCEEDS	10300		10800		13800	
50 PERCENT EXCEEDS	2460		2010		2640	
90 PERCENT EXCEEDS	943		882		930	

e Estimated

a May have been higher during period of no gage-height record January 28-31.

02475500 CHUNKY RIVER NEAR CHUNKY, MS

LOCATION.--Lat 32°19'35", long 88°54'35", in SE1/4 SW1/4 sec.30, T.6 N., R.14 E., Choctaw Meridian, Lauderdale County Hydrologic Unit 03170001, on right bank at downstream side of bridge on U.S. Highway 80, 2,500 ft upstream from Illinois Central and Gulf Railroad bridge, 1.2 mi east of Chunky, 3.2 mi upstream from Tallahatta Creek, and 5.5 mi downstream from Concobona Creek.

DRAINAGE AREA.--369 mi^2.

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

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

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

REMARKS.--Estimated daily discharges: Aug. 15-20. Records good except for estimated daily discharges, which are poor. Satellite telemeter and National Weather Service telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 28	1700	6,720	14.62	Mar. 8	1515	*8,270	*16.48

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	79	189	259	1460	278	1270	270	100	47	125	81
2	28	93	189	560	2240	258	886	230	86	44	191	81
3	467	223	181	1140	3300	239	591	202	89	41	199	77
4	1240	437	184	763	3760	222	505	183	89	38	117	72
5	1250	231	359	451	2710	210	523	166	84	36	164	69
6	696	149	335	380	1040	1780	493	153	73	34	166	66
7	312	161	652	606	874	3870	487	143	66	33	122	63
8	165	332	624	629	776	7340	433	133	73	32	120	58
9	118	360	1370	440	653	5390	383	121	129	34	92	54
10	94	231	1840	368	575	2390	347	113	159	35	160	58
11	79	1160	1470	351	521	813	323	117	98	39	93	57
12	71	1890	644	705	457	625	305	115	77	42	68	59
13	66	1600	407	785	399	526	547	107	67	55	59	58
14	66	695	345	512	365	463	1270	97	121	63	59	55
15	68	503	308	398	343	428	2290	94	565	65	e64	52
16	70	369	332	346	326	393	2520	86	495	76	e56	49
17	64	286	634	320	301	402	1730	80	187	146	e51	55
18	58	240	2150	315	281	505	775	78	114	169	e45	60
19	53	213	3400	338	287	827	586	72	108	97	e41	60
20	50	193	4630	342	504	863	507	66	111	70	e37	60
21	47	177	3600	293	571	502	443	64	222	57	33	58
22	44	159	1330	276	421	394	396	62	122	47	31	57
23	43	156	670	268	372	342	548	61	94	41	30	55
24	42	245	517	699	336	307	922	59	82	37	30	53
25	43	313	436	1490	299	1390	539	55	76	45	29	51
26	44	252	379	1320	273	2730	384	53	68	217	28	49
27	46	204	344	3280	253	3120	375	55	64	221	28	48
28	82	181	317	5910	257	2230	334	67	59	145	31	48
29	119	172	288	5090	275	1330	274	195	57	244	39	51
30	101	177	265	2590	---	973	270	206	52	197	58	54
31	80	---	253	1440	---	1260	---	144	---	119	89	---
TOTAL	5736	11481	28642	32664	24229	42400	21256	3647	3787	2566	2455	1768
MEAN	185	383	924	1054	835	1368	709	118	126	82.8	79.2	58.9
MAX	1250	1890	4630	5910	3760	7340	2520	270	565	244	199	81
MIN	28	79	181	259	253	210	270	53	52	32	28	48
CFSM	.50	1.04	2.50	2.86	2.26	3.71	1.92	.32	.34	.22	.21	.16
IN.	.58	1.16	2.89	3.29	2.44	4.27	2.14	.37	.38	.26	.25	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	100	284	549	854	1091	1144	969	473	193	222	122	92.3
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	185336		180631			
ANNUAL MEAN	508		494		505	
HIGHEST ANNUAL MEAN					1028	1983
LOWEST ANNUAL MEAN					171	1963
HIGHEST DAILY MEAN	7080	Apr 24	7340	Mar 8	26400	Mar 4 1979
LOWEST DAILY MEAN	17	Sep 19	28	Oct 2	1.6	Sep 29 1954
ANNUAL SEVEN-DAY MINIMUM	18	Sep 13	30	Aug 22	1.8	Sep 25 1954
INSTANTANEOUS PEAK FLOW			8270	Mar 8	40900	Mar 4 1979
INSTANTANEOUS PEAK STAGE			16.48	Mar 8	26.64	Mar 4 1979
INSTANTANEOUS LOW FLOW			28	Oct 2,3a	1.6	Sep 28 1954
ANNUAL RUNOFF (CFSM)	1.38		1.34		1.37	
ANNUAL RUNOFF (INCHES)	18.68		18.21		18.59	
10 PERCENT EXCEEDS	1460		1270		1270	
50 PERCENT EXCEEDS	205		198		162	
90 PERCENT EXCEEDS	30		47		25	

e Estimated

a Also occurred on Aug. 26-27.

02476500 SOWASHEE CREEK AT MERIDIAN, MS

LOCATION.--Lat 32°22'02", long 88°40'37", in NE1/4 sec. 7, T.6 N., R.16 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, at bridge 0.6 mi downstream from Southern Railway System bridge, and 9.4 mi upstream from mouth.

DRAINAGE AREA.--52.1 mi^2, 49.0 prior to Nov 19, 1992.

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

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

GAGE.--Water-stage recorder. Datum of gage is 300.00 ft above sea level. From Oct. 20, 1950 to Nov 13, 1959, at Highway 80 and 11 0.4 mi upstream at datum 8.95 ft higher. From Nov. 13, 1959 to Dec. 13, 1990, at Highway 39 and 19 0.1 mi upstream at datum 5.95 ft higher. From Dec. 13, 1990 to Nov. 19, 1992, at Highway 80 and 11 0.4 mi upstream at datum 5.95 ft higher.

REMARKS.--Estimated daily discharges: Oct. 27-31, May 3-9. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1900, 29.4 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 26.0 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 27	0845	1,520	7.41	Mar. 6	0430	1,470	7.35
Feb. 2	1815	1,310	7.19	Mar. 7	1230	*2,120	*7.77

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	8.2	13	53	141	48	116	33	13	4.7	52	24
2	2.7	8.9	11	159	1060	43	92	26	13	4.5	157	37
3	306	19	12	75	498	38	77	e22	15	4.5	269	52
4	148	11	17	49	218	36	69	e19	13	4.0	164	23
5	276	7.4	18	40	170	35	58	e17	10	3.9	160	14
6	43	7.6	56	48	169	1090	65	e16	9.6	3.3	107	11
7	15	47	58	56	164	1640	57	e14	20	3.7	35	16
8	10	21	41	38	142	534	47	e13	70	3.1	22	12
9	8.2	11	290	35	119	355	39	e12	26	4.0	18	14
10	6.8	44	96	33	105	286	34	11	16	4.4	15	25
11	5.8	333	63	74	88	241	32	11	12	3.6	17	13
12	5.3	85	49	135	66	207	31	11	10	3.3	51	11
13	5.1	42	45	72	59	181	151	9.9	29	27	21	9.3
14	11	41	48	56	60	169	207	9.9	27	11	14	8.8
15	8.1	25	40	46	57	163	574	9.7	16	38	12	8.3
16	5.7	20	52	51	45	142	213	9.2	12	20	9.9	48
17	5.0	17	71	53	43	143	127	8.9	9.1	7.0	9.1	29
18	4.6	15	449	78	44	137	97	9.5	8.2	5.2	8.2	13
19	4.9	14	463	86	110	146	86	10	7.9	4.6	7.7	9.9
20	4.6	12	153	50	158	96	68	9.4	30	5.0	7.2	8.7
21	4.3	12	103	45	92	80	57	8.6	12	4.4	7.2	8.3
22	4.3	11	80	42	80	68	47	8.0	8.2	4.1	7.4	8.1
23	4.2	40	63	44	73	57	72	8.2	7.1	7.8	7.0	7.6
24	4.7	47	50	238	52	49	54	7.7	6.7	6.0	6.6	7.3
25	4.2	21	43	114	44	770	38	9.1	6.6	14	6.5	7.2
26	5.2	18	37	453	43	300	38	8.4	10	25	6.4	7.5
27	e5.9	19	34	1110	44	240	32	7.7	6.1	22	6.9	12
28	e7.5	16	30	311	58	279	26	193	5.4	38	8.3	17
29	e11	15	28	224	62	176	50	108	5.1	16	11	13
30	e11	14	27	195	---	204	61	26	4.9	8.9	19	9.2
31	e9.4	---	33	183	---	169	---	16	---	7.7	10	---
TOTAL	950.2	1002.1	2573	4246	4064	8122	2715	682.2	438.9	318.7	1252.4	484.2
MEAN	30.7	33.4	83.0	137	140	262	90.5	22.0	14.6	10.3	40.4	16.1
MAX	306	333	463	1110	1060	1640	574	193	70	38	269	52
MIN	2.7	7.4	11	33	43	35	26	7.7	4.9	3.1	6.4	7.2
CFSM	.59	.64	1.59	2.63	2.69	5.03	1.74	.42	.28	.20	.78	.31
IN.	.68	.72	1.84	3.03	2.90	5.80	1.94	.49	.31	.23	.89	.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1996, BY WATER YEAR (WY)

MEAN	20.0	29.6	80.9	108	142	169	128	58.7	30.9	31.3	19.4	16.3
MAX	147	147	448	393	464	438	505	234	197	252	92.7	157
(WY)	1990	1980	1962	1993	1961	1976	1964	1980	1989	1958	1982	1979
MIN	.55	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1951 - 1996	
ANNUAL TOTAL	30974.9		26848.7			
ANNUAL MEAN	84.9		73.4		69.1	
HIGHEST ANNUAL MEAN					130	1989
LOWEST ANNUAL MEAN					19.4	1957
HIGHEST DAILY MEAN	2110	Mar 8	1640	Mar 7	5770	Apr 6 1964
LOWEST DAILY MEAN	1.2	Sep 3	2.7	Oct 1	.20	Jul 12 1957
ANNUAL SEVEN-DAY MINIMUM	1.3	Aug 29	3.6	Jul 6	.27	Sep 4 1957
INSTANTANEOUS PEAK FLOW			2120	Mar 7	9530	Apr 6 1964
INSTANTANEOUS PEAK STAGE			7.77	Mar 7	32.04a	Mar 28 1951
INSTANTANEOUS LOW FLOW			2.1	Oct 2	.20b	Oct 4 1954
ANNUAL RUNOFF (CFSM)	1.63		1.41		1.33	
ANNUAL RUNOFF (INCHES)	22.12		19.17		18.02	
10 PERCENT EXCEEDS	184		169		138	
50 PERCENT EXCEEDS	20		26		19	
90 PERCENT EXCEEDS	2.3		5.9		2.3	

e Estimated
a At site 0.4 mi upstream.
b Also many days from July to September 1957.

02476600 OKATIBBEE CREEK AT ARUNDEL, MS

LOCATION.--Lat 32°17'55", long 88°45'15", in SE1/4SW1/4 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 mi^2.

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 sea level (U. S. Army Corps of Engineers bench mark; Prior to Apr. 17, 1975, supplementary water-stage recorder at bridge 400 ft downstream at same datum.

REMARKS.-Estimated daily discharges: Oct. 1-4, Dec. 21-31, Jan. 1-17, Feb. 3-8, Mar. 6-11, 23-25, May 10-14. Records fair except for estimated discharges, which are poor. Flow from 154 mi^2 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.

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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e84	101	228	e384	1240	393	1050	251	113	65	159	537
2	e72	110	173	e634	2800	300	1020	214	107	62	210	603
3	e125	215	168	e942	e3000	254	964	198	106	62	704	662
4	e290	229	183	e700	e2000	241	704	186	99	60	379	598
5	1100	304	183	e520	e1820	231	536	176	91	59	592	558
6	476	299	334	e570	e1730	e750	511	168	84	60	317	544
7	234	494	402	e695	e1650	e4480	494	161	88	72	175	548
8	182	410	257	e720	e1580	e2700	448	155	395	80	132	533
9	157	245	1080	e610	1520	e1620	413	147	252	64	125	587
10	139	154	746	e525	1480	e1340	379	e143	156	66	106	505
11	129	1200	386	e515	1440	e1250	341	e138	116	65	105	419
12	122	764	617	e710	1390	1190	309	e134	100	63	139	379
13	116	311	745	e900	1360	1260	658	e129	101	123	123	356
14	186	239	734	e730	1350	1240	826	e125	128	194	115	348
15	137	179	720	e540	1330	1220	2040	120	101	576	129	235
16	117	317	495	e521	1300	1190	1200	115	108	446	123	369
17	108	638	329	e535	1280	1070	721	112	89	125	118	326
18	102	639	1440	549	1270	779	818	109	82	107	117	223
19	100	635	2450	624	1330	766	941	108	87	88	113	149
20	99	620	1640	543	1040	622	819	105	145	78	110	116
21	94	613	e1070	514	834	780	638	101	140	74	122	111
22	93	608	e940	502	1080	812	584	98	93	76	132	106
23	88	705	e880	311	1170	e1480	507	97	83	89	133	104
24	93	771	e820	745	1040	e2500	424	95	74	72	135	97
25	86	681	e775	625	682	e3300	332	86	72	151	133	80
26	83	649	e690	1100	594	2130	325	82	90	180	136	75
27	114	640	e610	3610	579	1090	285	74	101	157	157	95
28	169	618	e540	2480	524	1220	233	548	83	275	301	118
29	108	363	e480	1170	450	1050	320	731	73	163	483	102
30	92	272	e430	1070	---	1200	334	223	67	104	550	88
31	93	---	e380	1280	---	1110	---	141	---	90	541	---
TOTAL	5188	14023	20925	25874	38863	39568	19174	5270	3424	3946	6914	9571
MEAN	167	467	675	835	1340	1276	639	170	114	127	223	319
MAX	1100	1200	2450	3610	3000	4480	2040	731	395	576	704	662
MIN	72	101	168	311	450	231	233	74	67	59	105	75
CFSM	.49	1.37	1.97	2.44	3.92	3.73	1.87	.50	.33	.37	.65	.93
IN.	.56	1.53	2.28	2.81	4.23	4.30	2.09	.57	.37	.43	.75	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 1996, BY WATER YEAR (WY)

MEAN	135	323	566	789	1020	1119	989	565	275	234	172	167
MAX	429	942	1569	1729	3160	2295	2359	1977	1275	1003	408	565
(WY)	1971	1993	1983	1993	1990	1979	1980	1991	1983	1989	1975	1979
MIN	31.2	33.4	82.0	118	281	233	124	94.5	42.8	56.0	64.9	60.0
(WY)	1970	1979	1988	1988	1986	1988	1986	1992	1970	1995	1972	1993

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1969 - 1996	
ANNUAL TOTAL	161153		192740			
ANNUAL MEAN	442		527		527	
HIGHEST ANNUAL MEAN					1022	1983
LOWEST ANNUAL MEAN					181	1988
HIGHEST DAILY MEAN	3500	Apr 23	4480	Mar 7	18700	Feb 16 1990
LOWEST DAILY MEAN	41	Jul 24	59	Jul 5	19	Nov 9 1981
ANNUAL SEVEN-DAY MINIMUM	41	Sep 1	62	Jun 30	22	Nov 13 1981
INSTANTANEOUS PEAK FLOW			unknown	Mar. 7	22800	Feb 16 1990
INSTANTANEOUS PEAK STAGE			unknown	Mar. 7	22.65	Feb 16 1990
ANNUAL RUNOFF (CFSM)	1.29		1.54		1.54	
ANNUAL RUNOFF (INCHES)	17.53		20.96		20.92	
10 PERCENT EXCEEDS	1100		1240		1370	
50 PERCENT EXCEEDS	227		322		216	
90 PERCENT EXCEEDS	51		88		62	

e Estimated

02476600 OKATIBBEE CREEK AT ARUNDEL, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	4.19	5.29	---	10.02	6.17	9.15	5.45	4.38	3.81	4.74	6.55
2	---	4.29	4.91	---	14.86	5.73	9.00	5.20	4.33	3.77	4.99	6.87
3	---	5.10	4.87	---	---	5.47	8.74	5.09	4.32	3.76	7.56	7.16
4	---	5.22	4.98	---	---	5.39	7.56	5.00	4.24	3.73	5.96	6.85
5	9.36	5.71	4.98	---	---	5.32	6.79	4.93	4.16	3.72	7.03	6.67
6	6.42	5.69	5.77	---	---	---	6.67	4.87	4.07	3.73	5.70	6.61
7	5.21	6.58	6.20	---	---	---	6.60	4.82	4.10	3.87	4.85	6.63
8	4.85	6.22	5.48	---	---	---	6.40	4.76	6.16	3.99	4.47	6.56
9	4.65	5.35	9.29	---	11.22	---	6.25	4.70	5.43	3.80	4.37	6.82
10	4.50	4.61	7.75	---	11.05	---	6.12	---	4.77	3.83	4.16	6.44
11	4.41	9.84	6.14	---	10.89	---	5.95	---	4.42	3.81	4.12	6.07
12	4.35	7.83	7.16	---	10.69	9.79	5.78	---	4.25	3.78	4.41	5.92
13	4.29	5.77	7.74	---	10.55	10.11	7.36	---	4.26	4.17	4.24	5.83
14	4.85	5.37	7.69	---	10.49	10.04	8.09	---	4.53	4.92	4.13	5.80
15	4.48	4.95	7.62	---	10.42	9.94	13.24	4.46	4.27	6.53	4.24	5.14
16	4.30	5.65	6.62	---	10.29	9.82	9.82	4.41	4.34	6.33	4.17	5.76
17	4.21	7.26	5.88	---	10.19	9.24	7.63	4.38	4.13	4.50	4.14	5.65
18	4.13	7.27	10.77	6.85	10.15	7.89	8.07	4.35	4.05	4.32	4.13	5.10
19	4.11	7.25	14.52	7.20	10.44	7.84	8.62	4.34	4.11	4.12	4.09	4.54
20	4.10	7.18	11.64	6.82	9.11	7.19	8.07	4.31	4.60	3.99	4.07	4.25
21	4.05	7.15	---	6.69	8.14	7.90	7.26	4.27	4.62	3.94	4.18	4.20
22	4.04	7.13	---	6.63	9.29	8.05	7.01	4.23	4.18	3.97	4.29	4.15
23	3.98	7.56	---	5.76	9.70	---	6.65	4.22	4.06	4.12	4.30	4.12
24	4.04	7.86	---	7.73	9.11	---	6.30	4.20	3.94	3.92	4.33	4.06
25	3.97	7.45	---	7.20	7.46	---	5.91	4.10	3.92	4.73	4.31	3.86
26	3.95	7.31	---	9.21	7.06	13.37	5.87	4.05	4.12	4.80	4.34	3.79
27	4.19	7.27	---	16.66	6.99	9.34	5.65	3.94	4.26	4.77	4.52	4.00
28	4.74	7.17	---	14.46	6.73	9.93	5.33	6.42	4.06	5.46	5.47	4.26
29	4.24	6.01	---	9.70	6.40	9.15	5.74	7.69	3.93	4.81	6.31	4.11
30	4.08	5.57	---	9.26	---	9.83	5.90	5.25	3.84	4.29	6.60	3.95
31	4.10	---	---	10.18	---	9.44	---	4.65	---	4.14	6.57	---
MEAN	---	6.39	---	---	---	---	7.25	---	4.33	4.30	4.86	5.39
MAX	---	9.84	---	---	---	---	13.24	---	6.16	6.53	7.56	7.16
MIN	---	4.19	---	---	---	---	5.33	---	3.84	3.72	4.07	3.79

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS

LOCATION.--Lat 32°10'32", long 88°49'10", in SE1/4 NW1/4 sec.24, T.4 N., R.14 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on right bank at downstream side of bridge on State Highway 513 in Enterprise, 0.5 mi downstream from confluence of Chunky River and Okatibbee Creek, and at mile 158.2.

DRAINAGE AREA.--918 mi^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.

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

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

REMARKS.--No estimated daily discharges. Records good. Flow from 154 mi^2 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 28	0015	10,300	24.04	Mar. 9	0415	*13,800	*26.94

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	181	274	580	791	3280	902	2880	809	312	163	345	623
2	155	299	473	1370	6790	800	2450	669	269	159	462	636
3	1010	487	436	2060	8200	697	2000	579	267	155	949	742
4	2720	853	472	1550	6700	649	1680	529	257	150	541	670
5	2860	773	684	1140	4660	630	1440	489	243	146	994	606
6	1910	622	751	1140	3080	5080	1390	451	217	142	633	578
7	926	789	1440	1430	2840	11100	1340	428	196	139	444	572
8	543	1040	1280	1490	2700	13400	1200	395	452	138	345	561
9	405	940	2780	1220	2530	13000	1060	370	583	132	293	650
10	338	610	3080	1110	2390	5830	972	346	519	129	319	720
11	297	3020	2380	1080	2260	3440	893	343	324	124	257	578
12	271	3250	1700	1780	2130	2530	819	355	247	130	231	499
13	253	2370	1480	1890	2010	2260	1440	335	214	137	245	445
14	362	1450	1380	1440	1950	2140	2410	314	258	385	203	420
15	322	1070	1290	1230	1910	2050	5560	300	762	259	208	362
16	279	830	1280	1130	1850	1970	4680	281	944	1120	208	302
17	252	1090	1280	1070	1780	1910	3030	267	458	348	194	713
18	233	1080	4980	1060	1750	1740	1950	255	292	425	183	441
19	218	1020	7570	1260	2090	1960	1790	243	250	287	175	318
20	209	979	7230	1170	2530	1980	1650	236	253	219	169	221
21	201	942	5370	1050	1850	1590	1340	224	494	185	166	198
22	193	903	2990	1000	1780	1520	1320	215	316	163	182	190
23	191	919	2260	897	1810	1330	1410	215	239	163	182	179
24	212	1240	2000	1600	1700	1110	1800	206	199	163	180	173
25	201	1200	1860	2670	1290	4290	1290	197	190	296	179	152
26	193	1070	1770	3290	1060	6150	1030	187	176	382	180	142
27	196	981	1700	8690	1020	5140	953	177	209	586	201	142
28	323	930	1570	9820	1030	4460	822	225	184	494	330	214
29	343	795	1190	8940	965	3080	745	1530	173	651	429	279
30	308	593	929	4940	---	2810	1020	738	168	477	588	254
31	270	---	772	3780	---	3250	---	451	---	305	638	---
TOTAL	16375	32419	64957	73088	75935	108798	52364	12359	9665	8752	10653	12580
MEAN	528	1081	2095	2358	2618	3510	1745	399	322	282	344	419
MAX	2860	3250	7570	9820	8200	13400	5560	1530	944	1120	994	742
MIN	155	274	436	791	965	630	745	177	168	124	166	142
CFSM	.58	1.18	2.28	2.57	2.85	3.82	1.90	.43	.35	.31	.37	.46
IN.	.66	1.31	2.63	2.96	3.08	4.41	2.12	.50	.39	.35	.43	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	263	668	1363	2020	2707	2852	2494	1260	529	599	359	283
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	469398		477945			
ANNUAL MEAN	1286		1306		1276	
HIGHEST ANNUAL MEAN					2633	1983
LOWEST ANNUAL MEAN					428	1963
HIGHEST DAILY MEAN	12600	Apr 25	13400	Mar 8	58500	Feb 23 1961
LOWEST DAILY MEAN	79	Sep 12	124	Jul 11	18	Sep 25 1954
ANNUAL SEVEN-DAY MINIMUM	82	Sep 8	133	Jul 7	18	Sep 24 1954
INSTANTANEOUS PEAK FLOW			13800	Mar 9	61700	Feb 23 1961
INSTANTANEOUS PEAK STAGE			26.94	Mar 9	42.94	Feb 23 1961
INSTANTANEOUS LOW FLOW			121	Jul 11	18	Sep 25 1954
ANNUAL RUNOFF (CFSM)	1.40		1.42		1.39	
ANNUAL RUNOFF (INCHES)	19.02		19.37		18.88	
10 PERCENT EXCEEDS	3000		2870		3180	
50 PERCENT EXCEEDS	622		716		480	
90 PERCENT EXCEEDS	164		184		94	

02477000 CHICKASAWHAY RIVER AT ENTERPRISE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.91	5.46	6.74	7.41	14.40	7.73	13.10	7.47	5.76	4.91	5.81	6.88
2	4.72	5.59	6.35	9.00	18.44	7.44	11.90	7.03	5.54	4.88	6.30	6.92
3	7.37	6.35	6.20	10.83	23.06	7.12	10.66	6.74	5.53	4.85	7.82	7.26
4	12.66	7.60	6.34	9.49	22.13	6.97	9.82	6.58	5.48	4.82	6.58	7.03
5	12.90	7.35	7.07	8.40	18.57	6.90	9.18	6.44	5.40	4.79	7.94	6.83
6	10.47	6.88	7.28	8.39	14.31	15.01	9.05	6.30	5.25	4.77	6.91	6.73
7	7.79	7.37	9.21	9.18	12.91	24.22	8.92	6.22	5.12	4.74	6.23	6.71
8	6.60	8.13	8.76	9.34	12.56	26.60	8.56	6.09	6.26	4.74	5.81	6.67
9	6.07	7.83	12.08	8.61	12.10	26.43	8.18	5.98	6.77	4.69	5.56	6.96
10	5.78	6.83	13.95	8.31	11.70	21.27	7.93	5.88	6.56	4.66	5.68	7.19
11	5.58	12.48	11.72	8.22	11.36	15.37	7.71	5.87	5.82	4.62	5.36	6.73
12	5.44	14.52	9.88	10.09	11.00	12.05	7.50	5.93	5.43	4.64	5.22	6.45
13	5.35	11.73	9.30	10.37	10.69	11.35	9.17	5.83	5.24	4.66	5.30	6.24
14	5.88	9.21	9.02	9.20	10.54	11.02	11.69	5.75	5.48	5.95	5.05	6.14
15	5.70	8.19	8.80	8.63	10.43	10.78	17.42	5.67	7.29	5.35	5.08	5.88
16	5.48	7.53	8.78	8.36	10.26	10.59	18.00	5.58	7.84	8.27	5.08	5.59
17	5.34	8.26	8.78	8.19	10.10	10.42	14.32	5.50	6.35	5.81	4.99	7.15
18	5.23	8.22	15.45	8.17	10.00	9.98	10.53	5.45	5.67	6.15	4.92	6.22
19	5.15	8.07	21.82	8.71	10.89	10.57	10.10	5.38	5.45	5.52	4.87	5.68
20	5.09	7.94	22.14	8.48	12.07	10.62	9.74	5.34	5.47	5.15	4.83	5.16
21	5.04	7.84	20.07	8.15	10.26	9.60	8.92	5.28	6.45	4.93	4.80	5.02
22	4.99	7.74	14.82	8.01	10.09	9.40	8.87	5.23	5.78	4.78	4.92	4.97
23	4.97	7.78	11.38	7.72	10.18	8.91	9.11	5.23	5.40	4.78	4.91	4.90
24	5.11	8.66	10.65	9.52	9.88	8.32	10.14	5.17	5.15	4.78	4.90	4.85
25	5.04	8.57	10.31	12.45	8.80	13.96	8.79	5.11	5.10	5.55	4.90	4.70
26	4.98	8.19	10.06	12.35	8.17	20.08	8.07	5.05	5.01	5.97	4.90	4.63
27	5.01	7.95	9.87	22.43	8.05	18.66	7.87	4.98	5.21	6.74	5.04	4.62
28	5.68	7.81	9.54	24.66	8.08	17.39	7.50	5.20	5.06	6.42	5.72	5.11
29	5.80	7.41	8.54	24.29	7.91	14.23	7.27	9.43	4.98	6.97	6.17	5.49
30	5.63	6.78	7.81	19.98	---	12.75	8.06	7.24	4.95	6.35	6.76	5.35
31	5.44	---	7.36	15.67	---	13.84	---	6.33	---	5.62	6.93	---
MEAN	6.17	8.14	10.65	11.05	12.03	13.21	9.94	5.98	5.69	5.38	5.65	6.00
MAX	12.90	14.52	22.14	24.66	23.06	26.60	18.00	9.43	7.84	8.27	7.94	7.26
MIN	4.72	5.46	6.20	7.41	7.91	6.90	7.27	4.98	4.95	4.62	4.80	4.62

02477350 CHICKASAWHAY RIVER AT SHUBUTA, MS

LOCATION.--Lat 31°51'25", long 88°41'11", in NW1/4 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 mi^2.

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 sea level. 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 ft^3/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, 1.70 ft, Sept. 7-12, 16-19, 21, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 23.9 ft, Mar. 11, minimum observed, 1.90 ft, July 8-9.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY OBSERVATION AT 06:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.10	3.40	---	5.90	21.50	8.10	14.60	6.60	4.10	2.60	4.80	5.20
2	3.10	3.40	---	6.10	16.10	7.10	13.20	6.00	3.50	2.50	4.70	4.90
3	2.70	3.60	4.60	6.80	---	6.60	11.90	5.30	3.20	2.30	5.20	4.70
4	4.90	4.00	4.50	9.20	19.20	6.00	9.70	4.90	3.10	2.30	5.90	4.30
5	11.70	4.40	4.50	9.40	19.60	5.40	8.60	5.10	3.10	2.20	5.20	4.40
6	11.20	5.40	4.70	7.00	20.30	6.40	8.10	5.00	3.00	2.00	5.80	4.20
7	11.00	4.90	8.40	6.80	19.40	17.40	8.60	4.30	2.90	2.00	4.80	4.50
8	6.20	5.30	9.90	6.70	16.10	21.90	8.10	4.20	3.60	1.90	4.20	4.20
9	5.10	7.10	10.10	7.90	12.00	21.40	7.50	4.00	3.40	1.90	4.10	4.20
10	4.40	6.70	10.20	7.10	11.20	22.60	7.10	3.80	4.40	2.20	3.60	4.30
11	4.40	12.30	13.50	6.60	10.50	23.90	6.70	3.90	4.20	2.30	3.10	5.40
12	4.40	13.40	12.40	6.60	10.10	22.20	6.10	3.90	3.90	2.50	2.90	4.80
13	3.70	15.20	10.20	8.30	9.90	14.60	5.80	3.80	3.30	2.70	3.10	4.40
14	3.00	13.20	8.00	8.80	9.40	10.40	9.80	3.70	3.70	2.40	2.90	3.70
15	3.50	10.50	7.50	8.10	9.20	9.80	12.60	3.60	4.90	2.70	2.90	3.50
16	3.60	7.40	7.10	7.20	9.00	9.40	15.90	3.50	7.80	3.50	3.20	3.50
17	3.40	6.70	8.80	6.90	8.70	9.30	16.20	3.40	6.00	6.20	2.70	3.30
18	3.10	6.60	10.10	6.70	8.40	9.40	14.90	3.30	5.30	4.00	2.50	3.10
19	2.90	6.60	19.10	6.70	8.20	10.50	10.10	3.20	4.00	3.70	2.40	4.70
20	2.80	6.30	19.40	6.80	15.50	9.90	9.00	3.20	4.70	3.20	2.30	3.80
21	3.40	5.90	19.20	7.20	15.10	9.50	8.70	3.10	5.20	2.80	2.30	2.80
22	---	5.90	19.50	6.80	11.60	8.50	7.90	3.00	4.50	2.60	2.20	2.50
23	---	5.70	18.60	6.40	10.40	7.90	7.50	3.00	4.10	2.40	2.20	2.40
24	---	5.60	14.70	6.50	9.30	7.40	7.40	2.90	3.20	2.20	2.20	2.30
25	---	5.70	10.60	8.70	8.70	7.20	8.20	2.80	3.00	2.40	2.10	2.40
26	---	6.70	9.20	10.80	8.20	15.80	8.40	2.70	2.90	2.60	2.20	2.40
27	2.70	---	8.70	18.50	7.10	17.60	7.00	2.60	2.80	3.50	2.20	2.20
28	2.80	---	8.50	19.60	10.20	19.30	6.50	2.60	2.70	4.60	2.20	2.40
29	3.30	---	8.20	20.10	9.80	17.80	6.10	3.30	2.90	4.20	2.30	3.70
30	3.80	---	7.60	21.30	---	16.80	6.10	7.60	2.60	4.80	2.60	3.70
31	3.50	---	6.60	22.00	---	15.80	---	5.50	---	4.50	5.20	---
MEAN	---	---	---	9.47	---	12.77	9.28	3.99	3.87	2.96	3.35	3.73
MAX	---	---	---	22.00	---	23.90	16.20	7.60	7.80	6.20	5.90	5.40
MIN	---	---	---	5.90	---	5.40	5.80	2.60	2.60	1.90	2.10	2.20

02477500 CHICKASAWHAY RIVER NEAR WAYNESBORO, MS

LOCATION.--Lat 31°40'46", long 88°41'00", in NW1/4 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 mi^2.

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 sea level (Mississippi Department of Transportation 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 ft^3/s, 21.06 in/yr.

EXTREMES FOR PERIOD OF RECORD.--1938-1950: Maximum discharge, 26,000 ft^3/s, Jan. 24, 1947, gage height, 39.00 ft; minimum gage height observed, 2.07 ft, Sept. 22, 1995. 1947 to current year: Maximum gage height, 47.90 ft, Feb. 26, 1961 (discharge 58,300 ft^3/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 ft^3/s).

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 23.21 ft, Mar. 12, minimum observed, 1.89 ft, July 10.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY OBSERVATION AT 06:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.57	3.97	6.10	---	21.57	9.48	15.80	6.64	4.99	2.57	3.52	5.74
2	3.55	4.74	5.38	---	19.03	7.71	14.52	6.74	3.86	2.46	3.53	5.56
3	2.79	5.38	5.15	---	16.83	7.08	13.04	6.30	3.37	2.35	3.54	4.96
4	3.13	4.87	5.02	---	18.97	6.42	11.16	5.80	3.10	2.26	3.58	4.66
5	9.66	5.01	4.97	---	19.56	5.94	9.63	5.38	3.05	2.18	4.73	4.66
6	12.05	5.87	5.01	8.62	19.94	7.33	8.66	5.30	2.98	2.10	5.16	4.36
7	11.28	5.54	8.76	7.60	19.98	14.03	9.93	5.25	2.90	1.97	5.34	8.46
8	7.99	5.98	10.94	7.30	17.19	21.28	9.13	4.98	3.29	1.92	5.24	4.35
9	5.90	7.44	10.24	7.33	12.80	22.14	8.42	4.81	3.67	1.90	5.02	4.41
10	4.81	7.49	12.14	7.36	11.72	21.92	7.73	4.66	4.18	1.89	4.83	5.73
11	4.80	8.90	14.17	7.30	11.49	22.96	7.22	4.58	4.26	1.96	4.62	5.11
12	4.37	14.68	13.43	7.24	11.21	23.21	6.85	4.53	4.00	2.02	4.44	5.09
13	4.00	15.67	11.19	7.22	10.94	19.86	6.42	4.49	3.36	2.18	4.29	4.48
14	3.28	13.92	8.96	8.88	10.60	11.78	9.38	4.44	5.71	2.32	4.04	3.78
15	3.53	10.98	8.28	8.39	10.29	10.39	11.84	4.38	5.10	2.53	3.80	3.58
16	3.78	8.29	7.93	7.45	9.96	9.91	15.15	4.30	7.41	2.99	3.68	3.46
17	3.66	7.40	8.08	7.12	9.65	9.98	16.42	4.21	6.92	3.52	3.53	3.35
18	3.34	6.87	10.73	6.90	9.35	10.38	16.19	4.11	5.73	5.36	3.38	---
19	3.15	7.22	20.46	6.88	9.08	12.25	13.39	4.00	4.30	4.88	3.26	---
20	3.79	6.95	20.93	7.09	11.56	10.84	9.74	3.90	5.56	4.64	3.14	---
21	3.66	6.57	20.63	7.42	15.93	10.56	9.17	3.78	4.56	4.46	3.01	---
22	3.42	6.39	---	6.99	13.07	9.13	8.76	3.68	4.46	4.25	2.90	---
23	3.22	6.37	---	6.57	12.26	8.45	8.09	3.60	4.58	4.06	2.82	---
24	3.06	6.35	---	6.44	11.69	8.04	8.00	3.50	4.19	3.78	2.72	2.30
25	2.96	6.76	---	7.59	11.15	7.42	8.55	3.42	3.26	3.62	2.64	2.25
26	2.95	7.35	---	10.46	10.79	15.25	8.77	3.32	2.90	3.55	2.56	2.22
27	2.95	7.10	---	16.78	10.28	17.53	7.52	2.97	2.90	3.48	2.49	1.98
28	3.03	6.83	---	20.46	9.90	19.02	7.18	2.69	2.83	3.46	2.42	3.65
29	3.29	6.61	---	21.02	12.91	19.64	6.74	2.64	2.72	3.48	2.35	3.16
30	3.89	6.36	---	20.66	---	18.42	6.46	3.34	2.69	3.49	2.36	3.72
31	4.03	---	---	21.25	---	17.74	---	6.64	---	3.50	5.86	---
MEAN	4.48	7.46	---	---	13.44	13.42	10.00	4.46	4.09	3.07	3.70	---
MAX	12.05	15.67	---	---	21.57	23.21	16.42	6.74	7.41	5.36	5.86	---
MIN	2.79	3.97	---	---	9.08	5.94	6.42	2.64	2.69	1.89	2.35	---

02477990 BUCKATUNNA CREEK NEAR DENHAM, MS

LOCATION.--Lat 31°41'38", long 88°31'10", in NE1/4 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 mi^2.

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

GAGE.--Water-stage recorder. Datum of gage is 141.15 ft above sea level. Prior to water year 1975, at datum 3.94 ft lower.

REMARKS.--Estimated daily discharges: May 12-21. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	1645	*4,620	*20.44	Mar. 7	1200	4,590	20.35

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	158	215	444	2640	1380	2340	415	368	58	156	239
2	26	1090	200	640	2460	850	1630	484	205	54	139	243
3	28	813	190	732	2140	655	1340	388	147	50	132	206
4	162	401	193	643	1860	541	1020	295	130	45	122	145
5	535	295	209	526	1780	469	799	248	111	42	277	138
6	625	265	318	452	1860	1390	908	219	113	37	340	120
7	540	337	1420	404	2030	4350	1120	196	104	36	210	579
8	363	580	1110	377	1720	3950	871	177	202	60	202	245
9	216	544	1270	357	1090	3390	718	162	200	39	209	235
10	156	643	1370	346	891	2930	591	149	217	47	146	497
11	127	1840	1280	330	770	2650	518	141	201	37	120	192
12	110	2290	1120	347	672	2800	465	e140	156	34	106	344
13	98	1890	800	412	590	2400	549	e130	142	62	100	238
14	91	1520	593	479	528	1200	862	e120	388	72	107	162
15	84	1130	497	431	485	858	1370	e110	602	69	122	128
16	85	717	440	375	457	757	1420	e100	402	78	123	112
17	153	532	566	351	432	961	1240	e96	288	110	100	105
18	135	422	2360	366	408	1260	1090	e90	179	130	84	95
19	114	359	4510	434	402	2370	794	e85	145	110	72	168
20	99	310	4080	446	717	1750	644	e82	182	90	64	192
21	88	277	3620	405	1510	1220	562	e79	127	74	59	147
22	79	244	3050	374	1760	799	494	75	166	61	53	122
23	73	224	2020	343	1540	649	469	70	263	51	50	103
24	69	236	1150	657	1060	574	533	67	156	43	45	93
25	66	395	750	836	709	1340	524	63	114	40	41	86
26	64	468	640	931	570	2420	471	60	96	44	53	82
27	64	398	567	3350	495	2260	427	57	84	41	43	88
28	83	309	513	3340	840	2580	387	62	75	119	43	162
29	74	264	470	2750	1980	2430	348	102	68	149	40	113
30	93	233	437	2530	---	2670	342	86	63	182	217	97
31	144	---	419	2560	---	2900	---	245	---	146	315	---
TOTAL	4671	19184	36377	26968	34396	56753	24846	4793	5694	2210	3890	5476
MEAN	151	639	1173	870	1186	1831	828	155	190	71.3	125	183
MAX	625	2290	4510	3350	2640	4350	2340	484	602	182	340	579
MIN	26	158	190	330	402	469	342	57	63	34	40	82
CFSM	.31	1.30	2.39	1.77	2.41	3.72	1.68	.31	.39	.14	.26	.37
IN.	.35	1.45	2.75	2.04	2.60	4.29	1.88	.36	.43	.17	.29	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1996, BY WATER YEAR (WY)

MEAN	171	446	829	1426	1501	1648	1492	727	368	278	168	210
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	36.4	27.3	15.1
(WY)	1979	1979	1988	1981	1989	1986	1986	1988	1988	1995	1981	1972

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1972 - 1996	
ANNUAL TOTAL	201307		225258			
ANNUAL MEAN	552		615		771	
HIGHEST ANNUAL MEAN					1388	1980
LOWEST ANNUAL MEAN					287	1988
HIGHEST DAILY MEAN	4510	Dec 19	4510	Dec 19	11700	Mar 7 1979
LOWEST DAILY MEAN	26	Oct 2	26	Oct 2	8.4	Sep 21 1972
ANNUAL SEVEN-DAY MINIMUM	27	Sep 16	41	Jul 6	9.9	Sep 15 1972
INSTANTANEOUS PEAK FLOW			4620	Dec 19	12200	Mar 6 1979
INSTANTANEOUS PEAK STAGE			20.44	Dec 19	34.90	Mar 6 1979
INSTANTANEOUS LOW FLOW			26	Oct 2,3	7.8	Sep 21 1972
ANNUAL RUNOFF (CFSM)	1.12		1.25		1.57	
ANNUAL RUNOFF (INCHES)	15.22		17.03		21.29	
10 PERCENT EXCEEDS	1470		1800		2120	
50 PERCENT EXCEEDS	257		309		326	
90 PERCENT EXCEEDS	29		64		43	

e Estimated

02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, MS

LOCATION.--Lat 31°08'54", long 88°33'52", in SW1/4 sec.12, T.2 N., R.6 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on left bank on 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 mi^2.

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 sea level (levels by U.S. Army Corps of Engineers). Prior to Oct. 19, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Jan. 3-10, Feb. 28 - Mar. 2, Mar 7, 17-19, 25-27, Apr. 6-8, 15-20, May 16-27, Jun. 4-9, 11, 13-14, Jun. 25 - Jul. 18, Jul. 29 - Aug. 2, Sept. 10, 18-30. Records fair except for estimated daily discharges, 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 ft ^{3}/s, from information by u.S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 21	0800	*16,900	*23.46	Mar. 10	2300	16,600	23.28
Feb. 3	0500	15,900	22.92	Mar. 31	1700	16,400	23.19

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	629	750	1730	3770	15400	e9910	15800	3030	1840	e700	e1210	2080
2	607	833	1560	4290	15700	e6800	13400	2890	1660	e680	e1390	1980
3	594	2070	1400	e3970	15700	4630	10400	2770	1340	e670	1600	1820
4	608	3600	1370	e3660	13900	3710	8350	2460	e1080	e665	1570	1600
5	810	2380	1370	e3830	13100	3180	6630	2120	e1020	e658	1560	1410
6	2680	1730	1430	e3610	13000	2870	e6460	1900	e999	e650	1750	1340
7	4180	1760	1740	e3100	13200	e3480	e7970	1840	e980	e645	1740	1340
8	3820	1920	3810	e2890	12800	10000	e6870	1700	e974	e640	1730	1640
9	2790	2160	4700	e2760	10100	15000	5440	1510	e1000	e740	1450	1700
10	1860	2480	4790	e2840	7070	16400	4550	1410	1190	e750	1290	e1280
11	1370	2630	5700	2650	5990	16500	3910	1340	e1130	e680	1280	1670
12	1310	4380	6330	2490	5400	16300	3470	1290	1210	e660	1260	1650
13	1230	7300	5640	2540	5000	16400	3260	1280	e1050	e978	1200	1550
14	1140	7780	4210	2840	4620	15200	3570	1240	e1020	e965	1120	1410
15	1060	6800	3290	3340	4320	9380	e6930	1180	1530	e1160	1040	1340
16	978	4800	2930	3080	4090	5920	e9980	e1170	1980	e1260	977	1290
17	928	3340	2800	2680	3860	e6810	e10700	e1160	2430	e1320	938	1210
18	908	2720	5450	2510	3660	e9980	e10300	e1160	2290	e1330	922	e1120
19	893	2390	15100	2460	3710	e9630	e9220	e1150	1760	1340	895	e1010
20	876	2320	16500	2550	5100	10200	e7170	e1150	1320	1220	863	e916
21	852	2160	16800	2650	6700	8630	5190	e1140	1420	1190	826	e845
22	839	1970	15900	2630	7620	6530	4490	e1140	1420	1090	789	e892
23	826	1840	14700	2410	7650	5130	4270	e1140	1310	991	761	e840
24	811	1880	13400	2440	6460	4370	4250	e1130	1290	915	734	e780
25	791	2070	9980	3160	5250	e4300	3990	e1130	e1160	860	712	e713
26	770	2190	5860	3860	4360	e5570	3950	e1130	e950	820	698	e671
27	749	2410	4570	8730	3730	e9630	3780	e1120	e800	798	686	e600
28	735	2290	4070	13700	e3520	12700	3250	1110	e770	789	681	e630
29	722	2050	3730	15000	e8100	13900	3010	1090	e740	e815	679	e692
30	717	1860	3440	15400	---	14900	3030	1090	e720	e878	683	e665
31	714	---	3360	15200	---	16200	---	1290	---	e1030	734	---
TOTAL	37797	84863	187660	147040	229110	294160	193590	46260	38383	27887	33768	36684
MEAN	1219	2829	6054	4743	7900	9489	6453	1492	1279	900	1089	1223
MAX	4180	7780	16800	15400	15700	16500	15800	3030	2430	1340	1750	2080
MIN	594	750	1370	2410	3520	2870	3010	1090	720	640	679	600
CFSM	.45	1.05	2.25	1.76	2.94	3.53	2.40	.55	.48	.33	.40	.45
IN.	.52	1.17	2.60	2.03	3.17	4.07	2.68	.64	.53	.39	.47	.51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	981	1857	4018	5801	7417	8545	7896	4307	2006	1948	1366	1224
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	1254388		1357202			
ANNUAL MEAN	3437		3708		3929	
HIGHEST ANNUAL MEAN					7710	1949
LOWEST ANNUAL MEAN					1397	1963
HIGHEST DAILY MEAN	18900	Mar 11	16800	Dec 21	72600	Feb 28 1961
LOWEST DAILY MEAN	335	Sep 13	594	Oct 3	162	Oct 30 1963
ANNUAL SEVEN-DAY MINIMUM	350	Sep 8	658	Jul 2	166	Oct 25 1963
INSTANTANEOUS PEAK FLOW			16900	Dec 21	73600	Feb 28 1961
INSTANTANEOUS PEAK STAGE			23.46	Dec 21	33.52	Feb 28 1961
INSTANTANEOUS LOW FLOW			591	Oct 3	160	Oct 30 1963
ANNUAL RUNOFF (CFSM)	1.28		1.38		1.46	
ANNUAL RUNOFF (INCHES)	17.35		18.77		19.84	
10 PERCENT EXCEEDS	8480		9990		10600	
50 PERCENT EXCEEDS	1970		1890		1870	
90 PERCENT EXCEEDS	529		750		488	

e Estimated

02479000 PASCAGOULA RIVER AT MERRILL, MS

LOCATION.--Lat 30°58'40", long 88°43'35", in SW1/4 sec.18, T.1 S., R.7 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, near right bank on downstream side of bridge on highway between Merrill and Avent, 0.5 mi downstream from confluence of Leaf and Chickasawhay Rivers, 0.5 mi west of Merrill, and at mile 80.8.

DRAINAGE AREA.--6,590 mi^2.

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 sea level. 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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1440	2010	3080	8650	37600	22200	35300	8210	3090	2060	2400	2440
2	1400	2340	2920	10500	36200	18100	34000	7440	3270	1910	2960	4180
3	1410	4040	2740	9770	34600	12300	30100	6780	3120	1850	3920	4440
4	1750	7230	2620	9080	33600	9510	23900	6130	2880	1800	4730	3800
5	3020	6190	2600	9160	32200	8110	17900	5440	2670	1740	4630	3220
6	4180	4490	2710	9510	30200	7060	14200	4890	2530	1690	4570	2810
7	6410	3870	3170	8250	27900	8560	16900	4550	2410	1640	4540	2590
8	7020	4600	5280	6730	24600	19100	17500	4310	2460	1600	3930	2500
9	5580	4510	9450	5980	21700	27700	14400	4000	3060	1570	3720	2770
10	4100	4570	10500	5850	17600	33300	11500	3770	3270	1890	3350	2460
11	3140	4780	11700	5840	12700	37300	9700	3660	3000	1930	2970	2240
12	2590	5390	12400	5580	10700	38500	8410	3580	2830	1720	2780	2540
13	2320	9620	12300	5490	9530	37600	7670	3450	2690	1690	2740	2390
14	2120	12700	10500	5590	8720	31700	8640	3340	2640	2240	2480	2320
15	2020	12900	7910	6180	8050	24400	16100	3210	3090	2260	2200	2190
16	1900	10700	6140	6470	7520	15600	21500	3090	3820	2500	2010	1990
17	2030	7770	5430	5860	7100	11800	23800	2990	4270	2720	1910	1830
18	1970	5750	10800	5410	6750	18500	24500	2890	4900	2690	1830	1720
19	1840	4700	29400	5230	6570	20900	22600	2800	4220	2760	1710	1650
20	1730	4240	35500	5200	10400	20900	19500	2700	3660	2830	1620	1650
21	1630	3940	36200	5280	13900	20200	14400	2600	3440	2510	1570	1850
22	1620	3640	35500	5340	15000	15900	10800	2510	3390	2260	1520	2090
23	1590	3370	35000	5190	14700	13000	9470	2440	3320	2090	1430	2130
24	1530	3320	32800	5320	12800	10800	10400	2390	3170	2080	1370	1840
25	1470	3620	26200	7090	11100	9750	11100	2350	2990	1940	1330	1640
26	1440	3640	17600	8230	9310	12500	10600	2280	2780	1850	1320	1480
27	1420	3820	10600	17000	7710	16900	9860	2200	2560	1790	1330	1400
28	1420	3850	8340	29700	7470	23800	8400	2140	2430	1740	1310	1610
29	1500	3580	7340	34300	17500	27100	7380	2150	2350	1750	1400	2390
30	1720	3300	6710	37200	---	29100	7870	2360	2270	1890	1610	2290
31	1880	---	6700	37600	---	33100	---	2640	---	2260	1740	---
TOTAL	75190	158480	410140	332580	493730	635290	478400	113290	92580	63250	76930	70450
MEAN	2425	5283	13230	10730	17030	20490	15950	3655	3086	2040	2482	2348
MAX	7020	12900	36200	37600	37600	38500	35300	8210	4900	2830	4730	4440
MIN	1400	2010	2600	5190	6570	7060	7380	2140	2270	1570	1310	1400
CFSM	.37	.80	2.01	1.63	2.58	3.11	2.42	.55	.47	.31	.38	.36
IN.	.42	.89	2.32	1.88	2.79	3.59	2.70	.64	.52	.36	.43	.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1996, BY WATER YEAR (WY)

MEAN	3004	5177	10380	15280	18810	20340	19280	10970	5264	5349	4107	3670
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1931 - 1996	
ANNUAL TOTAL	3126250		3000310			
ANNUAL MEAN	8565		8198		10090	
HIGHEST ANNUAL MEAN					19410	1949
LOWEST ANNUAL MEAN					3718	1963
HIGHEST DAILY MEAN	47600	Mar 12	38500	Mar 12	176000	Feb 27 1961
LOWEST DAILY MEAN	1080	Sep 11	1310	Aug 28	704	Oct 21 1936
ANNUAL SEVEN-DAY MINIMUM	1100	Sep 8	1360	Aug 23	708	Oct 20 1963
INSTANTANEOUS PEAK FLOW			38600	Mar 12	178000	Feb 27 1961
INSTANTANEOUS PEAK STAGE			20.02	Mar 12	30.66	Feb 27 1961
INSTANTANEOUS LOW FLOW			1240	Sep 27	696	Nov 3 1936
ANNUAL RUNOFF (CFSM)	1.30		1.24		1.53	
ANNUAL RUNOFF (INCHES)	17.65		16.94		20.80	
10 PERCENT EXCEEDS	19700		23000		25000	
50 PERCENT EXCEEDS	4850		4070		5190	
90 PERCENT EXCEEDS	1520		1720		1610	

02479000 PASCAGOULA RIVER AT MERRILL, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.21	3.88	4.96	8.95	19.82	15.54	19.36	8.69	4.97	3.94	4.30	4.31
2	3.15	4.24	4.81	10.02	19.54	13.78	19.07	8.21	5.13	3.77	4.84	5.90
3	3.17	5.75	4.64	9.60	19.21	10.96	18.04	7.79	4.99	3.70	5.69	6.11
4	3.58	8.07	4.52	9.20	18.99	9.44	16.12	7.35	4.77	3.65	6.34	5.59
5	4.89	7.38	4.50	9.25	18.62	8.62	13.71	6.86	4.57	3.57	6.26	5.09
6	5.89	6.15	4.61	9.45	18.06	7.97	11.97	6.46	4.43	3.52	6.21	4.70
7	7.53	5.65	5.04	8.70	17.42	8.84	13.27	6.20	4.31	3.46	6.19	4.49
8	7.94	6.24	6.69	7.75	16.36	14.19	13.52	6.01	4.36	3.40	5.70	4.40
9	6.96	6.17	9.41	7.24	15.33	17.33	12.04	5.76	4.93	3.37	5.52	4.67
10	5.83	6.21	9.99	7.15	13.56	18.90	10.54	5.56	5.13	3.74	5.20	4.35
11	5.01	6.38	10.64	7.15	11.21	19.75	9.55	5.47	4.89	3.79	4.86	4.13
12	4.49	6.82	11.01	6.96	10.11	20.01	8.81	5.40	4.72	3.56	4.67	4.44
13	4.21	9.49	10.97	6.90	9.46	19.83	8.35	5.29	4.59	3.51	4.63	4.28
14	4.00	11.18	10.03	6.97	8.99	18.48	8.94	5.19	4.53	4.13	4.37	4.21
15	3.89	11.30	8.50	7.38	8.59	16.27	12.81	5.08	4.97	4.15	4.09	4.07
16	3.76	10.14	7.35	7.58	8.26	12.63	15.25	4.97	5.60	4.40	3.89	3.86
17	3.91	8.41	6.86	7.16	7.99	10.71	16.10	4.87	5.97	4.61	3.78	3.68
18	3.84	7.08	10.00	6.84	7.76	13.94	16.34	4.78	6.47	4.59	3.68	3.56
19	3.69	6.31	17.79	6.71	7.65	15.04	15.68	4.69	5.93	4.66	3.54	3.47
20	3.57	5.95	19.39	6.69	9.93	15.01	14.41	4.59	5.47	4.72	3.43	3.47
21	3.45	5.71	19.53	6.75	11.81	14.71	12.03	4.50	5.28	4.41	3.38	3.71
22	3.43	5.46	19.40	6.79	12.37	12.79	10.15	4.41	5.23	4.15	3.30	3.97
23	3.39	5.22	19.29	6.69	12.19	11.34	9.43	4.34	5.18	3.97	3.20	4.01
24	3.32	5.17	18.76	6.77	11.27	10.15	9.95	4.29	5.04	3.96	3.12	3.69
25	3.24	5.44	16.87	7.98	10.33	9.59	10.34	4.24	4.88	3.81	3.07	3.46
26	3.21	5.45	13.52	8.70	9.33	11.10	10.08	4.17	4.67	3.70	3.05	3.26
27	3.18	5.61	10.07	13.09	8.38	13.26	9.64	4.09	4.46	3.64	3.07	3.16
28	3.18	5.63	8.76	17.90	8.22	16.08	8.80	4.03	4.32	3.57	3.04	3.42
29	3.29	5.40	8.15	19.14	13.48	17.17	8.18	4.03	4.25	3.59	3.16	4.28
30	3.55	5.16	7.74	19.75	---	17.74	8.48	4.25	4.16	3.75	3.42	4.18
31	3.74	---	7.73	19.83	---	18.86	---	4.54	---	4.16	3.58	---
MEAN	4.18	6.57	10.37	9.39	12.56	14.19	12.37	5.36	4.94	3.90	4.28	4.20
MAX	7.94	11.30	19.53	19.83	19.82	20.01	19.36	8.69	6.47	4.72	6.34	6.11
MIN	3.15	3.88	4.50	6.69	7.65	7.97	8.18	4.03	4.16	3.37	3.04	3.16

02479130 BLACK CREEK NEAR BROOKLYN, MS

LOCATION.--Lat 31°03'06", long 89°12'16", in NW 1/4 NE 1/4 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 mi^2.

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 sea level (Mississippi State Highway Department bench mark).

REMARKS.--Estimated daily discharges: May 5-21. 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 ft^3/s.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	0430	*3,150	*12.05	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73	222	168	342	788	1380	1880	590	185	98	110	169
2	73	327	165	493	916	847	1330	459	167	94	149	155
3	78	787	171	449	1260	636	922	369	228	90	149	176
4	116	571	191	420	843	459	701	326	254	89	139	165
5	191	347	237	328	674	392	608	e300	221	86	154	133
6	181	279	278	273	590	378	658	e280	182	83	162	116
7	144	243	329	240	485	633	896	e260	163	80	152	111
8	122	287	332	227	440	1010	979	e245	163	84	292	112
9	109	279	308	218	408	828	909	e230	291	127	210	102
10	103	249	362	239	379	815	718	e260	287	127	171	96
11	112	229	364	245	357	734	526	e290	223	97	135	92
12	115	272	343	269	333	506	450	e275	178	83	120	89
13	124	263	296	273	307	408	532	e254	157	84	117	86
14	135	251	263	251	289	373	788	e224	154	181	114	83
15	151	217	252	238	270	354	1210	e199	210	202	108	83
16	149	194	245	232	246	339	1170	e179	325	159	101	85
17	148	190	247	229	235	1370	1220	e164	251	141	96	91
18	147	214	1060	241	229	2160	917	e154	206	137	91	100
19	145	216	2680	282	254	1310	743	e147	170	126	88	100
20	144	217	1350	255	1140	918	607	e142	156	116	86	95
21	129	236	837	246	951	821	519	e138	197	102	97	103
22	104	234	656	241	640	690	444	134	243	89	91	167
23	103	204	465	232	499	526	455	130	211	80	87	186
24	105	218	337	458	376	434	720	129	175	77	83	153
25	112	241	286	496	310	745	672	131	160	83	82	119
26	112	220	257	527	282	1240	536	129	138	85	86	104
27	112	197	242	2660	267	1130	520	127	127	83	147	106
28	117	184	231	1870	641	1630	420	130	118	80	158	308
29	124	176	226	1370	2010	1160	378	199	110	82	138	315
30	124	171	231	1210	---	1710	696	317	103	86	149	200
31	141	---	243	919	---	2170	---	252	---	84	173	---
TOTAL	3843	7935	13652	15973	16419	28106	23124	7163	5753	3215	4035	4000
MEAN	124	264	440	515	566	907	771	231	192	104	130	133
MAX	191	787	2680	2660	2010	2170	1880	590	325	202	292	315
MIN	73	171	165	218	229	339	378	127	103	77	82	83
CFSM	.35	.75	1.24	1.45	1.59	2.55	2.17	.65	.54	.29	.37	.38
IN.	.40	.83	1.43	1.67	1.72	2.95	2.42	.75	.60	.34	.42	.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1996, BY WATER YEAR (WY)

MEAN	324	469	786	1086	1099	1078	1095	716	418	380	317	299
MAX	1142	944	2141	2417	2304	2025	3968	2355	1354	1056	866	896
(WY)	1986	1987	1972	1993	1990	1980	1983	1991	1990	1979	1987	1974
MIN	88.8	140	351	248	441	439	235	168	112	104	130	86.6
(WY)	1983	1982	1981	1981	1989	1982	1986	1988	1985	1996	1996	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1971 - 1996	
ANNUAL TOTAL	190636		133218			
ANNUAL MEAN	522		364		670	
HIGHEST ANNUAL MEAN					998	1980
LOWEST ANNUAL MEAN					364	1996
HIGHEST DAILY MEAN	3650	Mar 8	2680	Dec 19	32200	Apr 8 1983
LOWEST DAILY MEAN	73	Oct 1	73	Oct 1	66	Oct 6 1981
ANNUAL SEVEN-DAY MINIMUM	77	Sep 27	81	Jul 23	69	Sep 29 1982
INSTANTANEOUS PEAK FLOW			3150	Dec 19	42500	Apr 7 1983
INSTANTANEOUS PEAK STAGE			12.05	Dec 19	29.96	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.47		1.03		1.89	
ANNUAL RUNOFF (INCHES)	19.98		13.96		25.65	
10 PERCENT EXCEEDS	1410		844		1440	
50 PERCENT EXCEEDS	272		229		370	
90 PERCENT EXCEEDS	103		93		128	

e Estimated

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

LOCATION.--Lat 30°01'30", long 89°01'00", in NW1/4 NE1/4 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 mi^2.

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). WDR MS-93-1: 1992.

GAGE.--Water-stage recorder. Elevation of gage is 103.00 ft above sea level.

REMARKS.--Estimated discharges: Oct. 1-3, Nov. 6, 14-15, 22, Jan. 21-22, Feb. 14-17, Jul. 9-11, Aug. 10-28, Sept. 4-6. 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 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec.19	0330	*2,350	*18.76	Mar. 18	0630	1,540	15.27

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e8.7	42	19	190	88	107	241	58	14	9.2	114	16
2	e8.6	81	19	230	207	72	132	35	17	8.9	269	48
3	e42	168	19	118	262	54	98	27	15	8.8	153	141
4	193	110	26	80	124	43	84	24	13	8.8	90	e42
5	241	52	33	65	91	39	74	22	12	8.3	154	e25
6	70	e36	52	59	84	50	154	20	12	8.1	72	e16
7	32	56	42	58	78	161	145	19	11	8.0	48	14
8	22	156	34	51	69	162	87	17	198	8.2	31	13
9	18	83	35	47	62	82	65	16	115	e8.6	125	13
10	16	49	35	44	57	61	53	17	29	e23	e62	12
11	14	47	29	47	51	51	46	48	17	e14	e46	11
12	14	81	25	93	44	46	43	32	23	10	e31	11
13	13	46	24	71	39	42	96	22	26	11	e24	11
14	13	e37	23	51	e37	39	122	18	89	17	e22	10
15	15	e32	22	43	e36	36	289	16	146	14	e20	11
16	14	25	22	40	e35	34	156	15	160	15	e18	13
17	13	22	86	38	e34	285	81	14	50	34	e17	13
18	13	24	1080	40	33	1050	69	14	52	17	e16	12
19	14	25	1610	55	45	350	83	13	130	12	e15	11
20	14	29	268	49	155	148	69	13	102	10	e14	11
21	14	36	144	e41	93	105	54	12	63	9.2	e14	33
22	14	e30	109	e38	59	86	43	12	35	8.9	e13	42
23	15	24	89	36	45	73	82	11	44	10	e12	20
24	15	59	76	137	38	63	106	11	23	12	e12	14
25	15	46	68	140	33	124	58	11	17	17	e12	13
26	15	32	62	112	31	166	44	10	15	15	e11	11
27	16	26	57	772	31	260	49	10	13	15	e11	14
28	16	24	52	264	154	420	36	12	12	15	e16	25
29	16	22	48	136	261	173	35	23	11	14	18	22
30	17	20	46	127	---	473	91	22	9.8	15	19	16
31	23	---	74	109	---	465	---	16	---	18	18	---
TOTAL	964.3	1520	4328	3381	2376	5320	2785	610	1473.8	403.0	1497	664
MEAN	31.1	50.7	140	109	81.9	172	92.8	19.7	49.1	13.0	48.3	22.1
MAX	241	168	1610	772	262	1050	289	58	198	34	269	141
MIN	8.6	20	19	36	31	34	35	10	9.8	8.0	11	10
CFSM	.59	.96	2.65	2.07	1.56	3.26	1.76	.37	.93	.25	.92	.42
IN.	.68	1.07	3.06	2.39	1.68	3.76	1.97	.43	1.04	.29	1.06	.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1996, BY WATER YEAR (WY)

MEAN	39.4	64.2	123	162	172	178	167	102	47.9	47.1	43.8	48.2
MAX	287	236	265	442	417	383	637	558	296	137	131	229
(WY)	1986	1980	1972	1993	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1967 - 1996	
ANNUAL TOTAL	34461.7		25322.1			
ANNUAL MEAN	94.4		69.2		99.3	
HIGHEST ANNUAL MEAN					175	1980
LOWEST ANNUAL MEAN					49.3	1968
HIGHEST DAILY MEAN	1610	Dec 19	1610	Dec 19	8820	Apr 7 1983
LOWEST DAILY MEAN	7.9	Sep 11	8.0	Jul 7	4.2	Aug 27 1981
ANNUAL SEVEN-DAY MINIMUM	8.1	Sep 6	8.4	Jul 3	4.5	Aug 23 1981
INSTANTANEOUS PEAK FLOW			2350	Dec 19	13000	Apr 4 1979
INSTANTANEOUS PEAK STAGE			18.76	Dec 19	29.51	Apr 7 1983
INSTANTANEOUS LOW FLOW			7.8	Jul 7	4.5	Sep 2 1968
ANNUAL RUNOFF (CFSM)	1.79		1.32		1.89	
ANNUAL RUNOFF (INCHES)	24.37		17.91		25.64	
10 PERCENT EXCEEDS	225		149		202	
50 PERCENT EXCEEDS	42		35		38	
90 PERCENT EXCEEDS	12		12		11	

e Estimated

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 1995 TO SEPTEMBER 1996

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-TOCOCCI 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)
NOV												
29...	1230	22	19	5.5	13.0	1.7	--	--	77	K58	0.65	0.51
AUG												
22...	1345	E13	17	5.6	26.0	1.4	9.3	114	110	230	0.48	0.37

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 DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)
NOV												
29...	2.2	0.40	2	2	1.0	3.5	<0.10	13	20	23	0.010	0.100
AUG												
22...	2.0	0.40	--	--	0.70	2.9	<0.10	9.7	25	19	<0.010	0.160

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	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, 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)	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)
NOV												
29...	0.100	<0.015	0.20	0.020	<0.010	<0.010	130	28	<3.0	150	<4	38
AUG												
22...	0.160	<0.015	0.20	0.030	<0.010	<0.010	59	19	<3.0	150	5	14

DATE	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)	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)
NOV												
29...	<10	<1.0	<1	<1.0	8.0	<6	8	0.48	0.08	0.020	0.02	0.0
AUG												
22...	<10	<1.0	<1	<1.0	6.0	<6	5	--	--	--	--	--

02479160 BLACK CREEK NEAR WIGGINS, MS

LOCATION.--Lat 30°51'12", long 88°54'49", in SW1/4 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 mi^2.

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 sea level. Prior to 1978 water year, at datum 0.05 ft lower.

REMARKS.--Esimated daily discharges: Apr. 25-26, Sept. 10-17. Records good except for periods of estimated discharge, which are poor.

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 ft^3/s, based on peak data at sites upstream and downstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	2030	*6,960	17.83	No peaks greater than base discharge.			
Dec. 20	0100	(a)	*18.09				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	179	312	280	1600	1580	2900	4040	1270	411	205	355	294
2	178	548	276	1950	1800	1840	2790	979	336	196	1380	344
3	183	1430	270	1450	2820	1340	2020	787	312	193	1640	665
4	426	1620	274	1110	2220	1040	1600	661	371	209	835	521
5	1010	938	321	935	1580	840	1370	586	382	195	698	344
6	708	612	435	771	1350	800	1830	536	353	183	906	258
7	425	508	545	695	1220	1080	2160	493	312	176	784	222
8	305	650	560	615	1070	1960	1830	457	547	178	555	204
9	254	703	532	557	983	1630	1680	424	813	214	861	211
10	228	523	523	539	914	1350	1410	404	553	498	684	e210
11	212	454	557	547	851	1290	1180	455	445	365	488	e200
12	209	510	531	632	784	1100	987	490	350	247	409	e190
13	212	559	492	689	717	857	987	455	368	203	384	e190
14	223	485	434	605	672	767	1560	403	374	356	305	e190
15	236	429	399	487	645	715	2840	368	649	389	267	e200
16	253	374	386	520	602	677	2690	345	1100	475	239	e210
17	251	335	404	502	557	1220	1990	325	869	801	220	e210
18	245	321	3760	513	530	5280	1750	312	554	417	207	196
19	243	340	6190	575	734	5320	1530	295	516	319	196	189
20	238	340	5090	648	1760	2460	1350	278	598	266	191	185
21	231	384	2160	564	2200	1770	1140	270	638	238	187	185
22	217	398	1520	528	1480	1500	974	259	623	219	186	272
23	191	372	1210	507	1120	1250	902	252	597	198	183	317
24	189	385	911	685	918	1030	1350	245	470	204	175	301
25	189	463	765	1370	750	1150	e1300	236	362	274	178	245
26	190	435	667	1090	660	2510	e1100	233	338	265	170	201
27	194	377	620	3670	612	2670	1000	232	292	251	171	196
28	201	334	567	4840	925	4010	921	229	261	251	235	361
29	206	311	532	2780	3330	2910	796	283	238	235	273	569
30	206	293	504	2230	---	3430	1160	547	218	225	259	443
31	210	---	744	1920	---	5190	---	560	---	242	270	---
TOTAL	8442	15743	32459	36124	35384	61886	48237	13669	14250	8687	13891	8323
MEAN	272	525	1047	1165	1220	1996	1608	441	475	280	448	277
MAX	1010	1620	6190	4840	3330	5320	4040	1270	1100	801	1640	665
MIN	178	293	270	487	530	677	796	229	218	176	170	185
CFSM	.39	.75	1.49	1.66	1.74	2.85	2.29	.63	.68	.40	.64	.40
IN.	.45	.84	1.72	1.92	1.88	3.28	2.56	.73	.76	.46	.74	.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1996, BY WATER YEAR (WY)

MEAN	600	948	1546	2161	2274	2279	2341	1487	845	753	656	657
MAX	2574	2354	4218	4909	5287	3986	7713	5400	2353	1940	1960	2277
(WY)	1976	1986	1972	1993	1990	1980	1980	1991	1989	1979	1975	1979
MIN	154	242	584	450	705	828	525	356	229	280	254	203
(WY)	1982	1982	1991	1981	1989	1982	1986	1988	1985	1996	1994	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1972 - 1996	
ANNUAL TOTAL	432059		297095			
ANNUAL MEAN	1184		812		1374	
HIGHEST ANNUAL MEAN					2307	1980
LOWEST ANNUAL MEAN					767	1982
HIGHEST DAILY MEAN	7060	Mar 9	6190	Dec 19	39800	Apr 9 1983
LOWEST DAILY MEAN	165	Sep 9	170	Aug 26	101	Oct 5 1982
ANNUAL SEVEN-DAY MINIMUM	167	Sep 6	179	Aug 21	108	Sep 30 1982
INSTANTANEOUS PEAK FLOW			6960	Dec 19	43900	Apr 8 1983
INSTANTANEOUS PEAK STAGE			18.09	Dec 20	28.81	Apr 8 1983
INSTANTANEOUS LOW FLOW			167	Aug 25	100	Oct 5 1982
ANNUAL RUNOFF (CFSM)	1.69		1.16		1.96	
ANNUAL RUNOFF (INCHES)	22.93		15.77		26.64	
10 PERCENT EXCEEDS	3180		1780		3030	
50 PERCENT EXCEEDS	572		507		758	
90 PERCENT EXCEEDS	205		202		253	

e Estimated
a Slope affected discharge

02479300 RED CREEK AT VESTRY, MS

LOCATION.--Lat 30°44'10", long 88°46'50", in SW1/4 SW1/4 sec.34, T.3 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170007, located on downstream side of right main pile cluster of bridge on county highway, 0.5 mi north of Vestry, and 1.1 mi upstream from Little Red Creek.

DRAINAGE AREA.--441 mi^2.

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 sea level.

REMARKS.--Estimated daily discharge: Oct. 2, 4-11, 15-16, Jan 15-24, Jul. 14, Jul. 20 - Aug. 1. Records good except for estimated daily discharges, which are poor.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 20	0600	*6,690	*15.17	Apr. 17	0030	4,680	14.05
Apr. 1	1245	4,400	13.89				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	196	236	1760	1050	1810	4340	960	314	172	e610	319
2	e160	415	221	3760	1150	1490	3450	790	375	163	591	329
3	163	1160	214	3220	2150	1090	1910	593	328	162	1330	767
4	e250	1490	212	1680	2090	807	1210	497	324	158	1640	606
5	e450	1010	213	1040	1420	687	974	452	291	155	969	404
6	e600	632	289	783	1020	634	1190	419	283	151	730	322
7	e480	504	464	660	841	713	2280	398	251	147	710	287
8	e330	671	393	601	747	1080	2350	374	278	143	557	267
9	e270	530	350	540	674	1010	1440	352	309	156	894	252
10	e235	484	327	504	621	781	1010	336	261	232	1200	240
11	e215	470	303	475	566	648	812	345	234	288	867	232
12	202	462	281	471	501	573	709	393	223	211	638	222
13	195	427	265	490	462	531	677	406	221	186	499	214
14	190	415	256	464	437	513	927	384	237	e570	447	207
15	e190	393	248	e430	418	507	3620	340	343	1080	401	206
16	e195	373	259	e390	396	487	4570	314	434	537	346	226
17	188	354	281	e370	378	537	4230	298	629	644	308	243
18	183	340	2720	e390	366	1580	2030	283	483	463	288	235
19	178	328	5750	e430	382	2500	1260	271	375	325	271	223
20	177	319	6420	e425	2290	2750	1130	260	356	e270	265	213
21	172	314	4980	e410	3340	2090	968	250	372	e240	269	243
22	168	310	2950	e385	2040	1220	822	244	330	e210	262	855
23	167	303	1420	e380	1240	838	733	233	310	e190	254	572
24	167	311	904	e580	866	699	723	224	271	e230	248	356
25	168	331	706	788	691	767	679	217	230	e400	245	282
26	167	321	598	794	610	1040	622	213	219	e260	329	249
27	167	305	536	1600	559	1400	572	209	228	e240	680	234
28	169	283	483	2850	562	3030	546	206	214	e230	718	272
29	181	285	450	2840	1430	3280	698	211	198	e220	440	454
30	184	264	427	2030	---	2960	1230	246	178	e215	358	377
31	188	---	437	1480	---	4080	---	318	---	e400	332	---
TOTAL	6911	14000	33593	33020	29297	42132	47712	11036	9099	9048	17696	9908
MEAN	223	467	1084	1065	1010	1359	1590	356	303	292	571	330
MAX	600	1490	6420	3760	3340	4080	4570	960	629	1080	1640	855
MIN	160	196	212	370	366	487	546	206	178	143	245	206
CFSM	.51	1.06	2.46	2.42	2.29	3.08	3.61	.81	.69	.66	1.29	.75
IN.	.58	1.18	2.83	2.79	2.47	3.55	4.02	.93	.77	.76	1.49	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1996, BY WATER YEAR (WY)

MEAN	401	566	974	1291	1505	1425	1304	930	568	553	583	554
MAX	1801	1798	3933	3379	3478	3049	4692	4464	2159	1855	2994	1692
(WY)	1976	1962	1962	1993	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1958 - 1996	
ANNUAL TOTAL	388372		263452			
ANNUAL MEAN	1064		720		883	
HIGHEST ANNUAL MEAN					1492	1980
LOWEST ANNUAL MEAN					358	1963
HIGHEST DAILY MEAN	7310	May 11	6420	Dec 20	25100	Aug 16 1987
LOWEST DAILY MEAN	155	Sep 12	143	Jul 8	89	Oct 21 1963
ANNUAL SEVEN-DAY MINIMUM	164	Sep 8	153	Jul 3	90	Oct 18 1963
INSTANTANEOUS PEAK FLOW			6690	Dec 20	28000	Aug 15 1987
INSTANTANEOUS PEAK STAGE			15.17	Dec 20	21.48	Aug 15 1987
INSTANTANEOUS LOW FLOW			133	Jul 9	88	Oct 22 1963
ANNUAL RUNOFF (CFSM)	2.41		1.63		2.00	
ANNUAL RUNOFF (INCHES)	32.76		22.22		27.20	
10 PERCENT EXCEEDS	3210		1590		1950	
50 PERCENT EXCEEDS	464		400		478	
90 PERCENT EXCEEDS	184		201		184	

e Estimated

02479310 PASCAGOULA RIVER AT GRAHAM FERRY, MS

LOCATION.--Lat 30°36'38", long 88°38'28", in sec.13, T.5 S., R.7 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, County Code 059, at State Highway 614 bridge at Graham Ferry Mississippi, about 5 mi west southwest of Wade, Mississippi and about 34.4 mi upstream of the Gulf of Mexico.

DRAINAGE AREA.--8,204 mi^2.

PERIOD OF RECORD.--October 1993 to current year. Discharge measurements were made in 1958-59, 1961, 1971-72, 1979, and 1987 by USGS.

GAGE.--Water-stage recorder and Acoustic Velocity meter. Datum of gage is 0.0 ft above sea level. Levels by Global Positioning System.

REMARKS.--Estimated daily discharges: Jan. 5-9, Aug. 26 - Sept. 30. Records good above 7.0 ft and fair below 7.0 ft except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge 204,000 ft^3/s, Feb. 28, 1961, gage height, 20.1 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2010	2480	4430	11200	41700	17000	43800	12400	3430	2600	3170	e2300
2	1920	3050	4120	15000	43400	22600	45200	12100	3850	2430	4040	e2400
3	1870	5250	3910	17700	43400	24800	45500	11000	4090	2310	6020	e3200
4	2350	8050	3700	18200	43200	21800	42800	9630	4050	2300	8330	e5800
5	3550	10000	3620	e14000	42700	17000	37000	7120	3760	2280	9060	e5800
6	5500	9560	3670	e11000	40800	13400	30600	5910	3460	2160	7990	e4700
7	6020	7040	4140	e11000	37900	11200	25600	4950	3320	2010	7630	e3900
8	7170	6200	4680	e11000	34900	11900	23800	4160	3430	2040	7270	e3400
9	7520	6630	6720	e9800	32100	17300	24000	3620	3560	2030	6450	e3200
10	6430	6350	9810	8650	29200	22900	22300	3540	4190	2150	6740	e3100
11	5050	6240	11000	8150	25800	27500	18900	3440	4230	2630	6570	e3300
12	4050	6510	12300	7990	21000	31400	15300	3470	3840	2730	5440	e3000
13	3430	7260	13100	7810	16500	35100	12800	3350	3560	2510	4650	e2700
14	3090	10200	13400	7710	13600	37500	11500	3400	3560	2810	4210	e3000
15	2830	12400	12600	7710	11900	37000	14800	2990	3600	3960	3750	e2900
16	2690	13400	10500	8100	10600	33200	21100	3150	4370	4140	3340	e2800
17	2560	12500	8230	8540	9690	26800	28100	2900	5490	4370	3000	e2700
18	2660	10300	10600	7750	9130	21700	31400	2440	6170	4520	2770	e2500
19	2580	7590	18900	7430	8840	22600	31600	2020	6380	4040	2670	e2300
20	2530	6280	31900	7120	10500	26100	29900	1970	5860	3790	2460	e2200
21	2330	5560	42500	7130	14600	28600	27600	2050	5220	3620	2380	e2100
22	2200	5190	45500	7180	18100	29400	23300	2700	5090	3230	2360	e2200
23	2130	4860	44100	7060	20200	26400	18600	3060	4850	2950	2260	e3100
24	2220	4710	40700	7080	20000	21500	15100	2970	4610	3010	2120	e3100
25	2060	4690	37300	7780	18100	17700	13900	2880	4180	3550	1960	e2900
26	1980	4960	33800	9860	15500	15800	13900	2860	3810	3710	e1900	e2500
27	1970	4970	28400	12600	13100	17300	13600	2820	3460	3430	e1900	e2200
28	2060	5070	21300	18000	11100	21400	12800	2770	3150	3340	e2200	e2000
29	2010	5010	15400	25100	11300	26800	11900	2680	2960	3160	e2400	e2100
30	2040	4710	11900	32400	---	35100	12200	2710	2800	2950	e2100	e2700
31	2220	---	10000	39000	---	41000	---	3100	---	2930	e2100	---
TOTAL	99030	207020	522230	379050	668860	759800	718900	134160	124330	93690	129240	90100
MEAN	3195	6901	16850	12230	23060	24510	23960	4328	4144	3022	4169	3003
MAX	7520	13400	45500	39000	43400	41000	45500	12400	6380	4520	9060	5800
MIN	1870	2480	3620	7060	8840	11200	11500	1970	2800	2010	1900	2000
CFSM	.39	.84	2.05	1.49	2.81	2.99	2.92	.53	.51	.37	.51	.37
IN.	.45	.94	2.37	1.72	3.03	3.45	3.26	.61	.56	.42	.59	.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1996, BY WATER YEAR (WY)

MEAN	3188	8761	14550	13610	27620	26510	22850	9647	6112	6489	3925	2572
MAX	3952	15790	16850	14390	40350	30550	25440	16650	7830	13160	4169	3003
(WY)	1995	1994	1996	1995	1994	1995	1994	1995	1995	1994	1996	1996
MIN	2417	3589	12660	12230	19620	24460	19130	4328	4144	3022	3602	1867
(WY)	1994	1995	1994	1996	1995	1994	1995	1996	1996	1996	1994	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1994 - 1996	
ANNUAL TOTAL	4377950		3926410			
ANNUAL MEAN	11990		10730		12060	
HIGHEST ANNUAL MEAN					13910	1994
LOWEST ANNUAL MEAN					10730	1996
HIGHEST DAILY MEAN	49400	Mar 12	45500	Dec 22, Apr 3	63500	Feb 4 1994
LOWEST DAILY MEAN	1440	Sep 12	1870	Oct 3	1440	Sep 12 1995
ANNUAL SEVEN-DAY MINIMUM	1580	Sep 9	2050	Oct 24	1580	Sep 9 1995
INSTANTANEOUS PEAK FLOW			46400	Apr 3	64300	Feb 4 1994
INSTANTANEOUS PEAK STAGE			15.26	Apr 3	16.19	Feb 4 1994
INSTANTANEOUS LOW FLOW			1300	Oct 2	1300	Oct 2 1995
ANNUAL RUNOFF (CFSM)	1.46		1.31		1.47	
ANNUAL RUNOFF (INCHES)	19.85		17.80		19.98	
10 PERCENT EXCEEDS	30900		28800		30900	
50 PERCENT EXCEEDS	6970		5830		7120	
90 PERCENT EXCEEDS	2150		2290		2400	

e Estimated

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

LOCATION.--Lat 30°48'12", long 88°27'31", in SW¼SW¼ sec. 2, T. 3 S., R. 5 W., George County, MS, Hydrologic Unit 03170008, near left bank on downstream side of bridge on county road 612, 2.5 mi west of Alabama-Mississippi State line, 3.7 mi east of Agricola, Miss., 4.8 mi downstream of old gage at Escatawpa River near Wilmer, Ala, and 6.7 mi west of Wilmer.
DRAINAGE AREA.--562 mi².
PERIOD OF RECORD.--October 1973 to current year.
REVISED RECORD.--WDR AL-84-1: Drainage area.
GAGE.--Water-stage recorder. Elevation of gage is 50 ft above sea level, from topographic map.
REMARKS.--Estimated daily discharges: Feb. 2 to Mar. 13. Records good except for periods of estimated record, which are poor.
EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached an elevation of approximately 72 ft above sea level, as determined from historical data. Peak discharge of this flood is unknown but probably has not been exceeded since 1929.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	144	267	425	3000	3710	e1600	5040	2450	395	175	207	504
2	142	765	388	5340	e2900	e1400	4330	1620	326	165	352	455
3	187	2440	365	4740	e4500	e1200	3690	1130	331	158	1270	394
4	973	2050	349	3660	e3800	e1000	2660	865	503	204	1490	358
5	3370	1190	351	2570	e3000	e800	1980	716	409	189	865	346
6	2690	833	354	1980	e1700	e900	1870	625	334	165	839	335
7	1140	699	420	1700	e1300	e1000	2260	565	336	151	1300	289
8	665	1090	544	1460	e1200	e1500	2070	518	478	154	1280	255
9	468	975	596	1260	e1100	e1700	2030	478	397	290	917	274
10	375	812	607	1090	e1000	e1500	1920	447	344	326	742	249
11	324	799	590	971	e950	e1400	1540	469	298	298	504	212
12	294	882	538	1030	e900	e1300	1250	535	261	223	536	198
13	275	753	484	985	e850	e1200	1180	491	248	305	519	186
14	261	633	442	927	e800	1030	1230	428	268	818	414	180
15	253	544	417	872	e770	882	3710	389	304	720	333	186
16	242	486	465	825	e760	775	4950	366	599	733	286	280
17	232	443	492	794	e750	852	3930	349	478	656	258	365
18	221	412	3300	799	e740	2880	2980	335	979	569	237	290
19	215	390	7810	870	e2000	4800	2710	316	878	414	241	245
20	209	381	10100	848	e4200	5040	2110	300	597	302	239	213
21	199	401	9180	809	e3500	3790	1680	287	460	242	224	213
22	193	379	7800	769	e2500	2800	1480	275	406	206	212	297
23	191	357	5890	735	e1800	1870	1510	262	614	181	202	267
24	194	528	3660	869	e1400	1430	1500	365	546	268	195	231
25	196	710	2160	1290	e1100	1720	1480	379	388	261	244	210
26	190	638	1590	1350	e950	3200	1250	455	299	410	431	194
27	186	575	1320	3800	e900	2960	1050	343	255	355	253	192
28	197	540	1130	5030	e1500	4050	854	283	227	325	244	265
29	215	510	998	4670	e1900	4030	1000	609	205	303	251	373
30	224	474	914	4680	---	4380	2500	810	187	260	349	355
31	226	---	937	4860	---	5410	---	536	---	221	542	---
TOTAL	14891	21956	64616	64583	52480	68399	67744	17996	12350	10047	15976	8411
MEAN	480	732	2084	2083	1810	2206	2258	581	412	324	515	280
MAX	3370	2440	10100	5340	4500	5410	5040	2450	979	818	1490	504
MIN	142	267	349	735	740	775	854	262	187	151	195	180
CFSM	.85	1.30	3.71	3.71	3.22	3.93	4.02	1.03	.73	.58	.92	.50
IN.	.99	1.45	4.28	4.27	3.47	4.53	4.48	1.19	.82	.67	1.06	.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1996, BY WATER YEAR (WY)

MEAN	474	909	1253	1812	2115	2064	1898	1439	759	629	589	723
MAX	2182	2587	2597	3418	4280	4383	6686	6818	2572	1668	2675	2386
(WY)	1976	1980	1983	1990	1990	1979	1983	1991	1978	1994	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1974 - 1996	
ANNUAL TOTAL	430077		419449			
ANNUAL MEAN	1178		1146		1217	
HIGHEST ANNUAL MEAN					1922	1980
LOWEST ANNUAL MEAN					740	1982
HIGHEST DAILY MEAN	10100	Dec 20	10100	Dec 20	32600	Apr 9 1983
LOWEST DAILY MEAN	141	Sep 12	142	Oct 2	106	Jun 7 1985
ANNUAL SEVEN-DAY MINIMUM	155	Sep 7	169	Jul 2	110	Oct 2 1981
INSTANTANEOUS PEAK FLOW			10400	Dec 20	33700	Apr 9 1983
INSTANTANEOUS PEAK STAGE			17.11	Dec 20	22.39	Apr 9 1983
ANNUAL RUNOFF (CFSM)	2.10		2.04		2.17	
ANNUAL RUNOFF (INCHES)	28.47		27.76		29.42	
10 PERCENT EXCEEDS	2990		3000		2760	
50 PERCENT EXCEEDS	575		582		650	
90 PERCENT EXCEEDS	198		213		199	

e Estimated

02481000 BILOXI RIVER AT WORTHAM, MS

LOCATION.--Lat 30°33'30", long 89°07'20", in SE1/4 SE1/4 sec.31, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on downstream side of right main pier of upstream bridge of dual bridges on U.S. Highway 49, 0.8 mi east of Wortham, 1.3 mi downstream from Illinois Central Railroad bridge, 1.1 mi upstream from Saucier Creek, 4.2 mi north of Lyman, and 18.8 mi upstream from mouth.

DRAINAGE AREA.--96.2 mi^2.

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 Department of Transportation datum. Prior to Oct. 1, 1977, at datum 2.00 ft higher.

REMARKS.--Estimated daily discharges: Mar. 27-28, Apr. 3, 8, 13, 29-30, May 3-21, May 29 - Jun. 1, Jun. 6-9, 11. 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 Department of Transportation. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	0100	*4,390	*16.73	Mar. 30	1545	4,340	16.60
Jan. 1	1815	3,360	14.04	Apr. 15	0815	4,130	16.07

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	6.7	20	1970	161	338	948	177	e36	9.3	36	47
2	4.1	79	18	1720	610	234	401	114	24	7.9	96	37
3	6.9	444	17	762	833	144	e270	e94	23	7.1	154	29
4	57	210	16	331	451	106	219	e83	21	6.5	218	26
5	131	100	16	224	241	92	193	e73	16	5.8	124	23
6	61	60	20	183	193	92	465	e64	e15	6.1	95	19
7	35	52	28	179	167	186	538	e55	e14	5.9	71	16
8	21	174	37	143	144	236	e270	e47	e60	5.1	70	13
9	15	86	32	119	127	146	182	e42	e50	5.0	107	12
10	12	56	25	108	117	105	139	e37	32	5.5	108	11
11	9.7	133	23	105	107	90	117	e35	e20	4.9	74	9.6
12	8.6	114	22	105	94	80	107	e31	14	4.7	64	8.8
13	7.7	67	21	108	82	74	e170	e29	15	27	75	8.1
14	7.1	52	19	90	78	70	271	e27	26	99	55	7.5
15	6.7	41	19	79	74	66	3360	e25	56	75	41	9.5
16	6.2	33	22	73	72	63	1850	e23	135	75	35	22
17	5.9	28	141	69	68	101	710	e22	189	51	28	25
18	5.6	24	3180	68	65	788	376	e20	218	44	25	21
19	5.5	22	2930	81	65	605	373	e18	243	31	20	15
20	5.1	22	1110	75	562	244	291	e17	244	19	17	13
21	4.6	28	372	68	401	147	215	e16	133	13	18	13
22	4.4	24	222	62	189	115	167	15	85	10	21	181
23	4.7	22	163	59	133	97	145	14	59	7.9	19	148
24	6.9	50	130	126	107	85	133	12	48	8.0	16	49
25	9.0	52	111	180	89	180	114	12	31	17	15	29
26	8.6	37	98	131	79	232	104	11	22	116	15	20
27	7.3	31	89	672	75	e830	100	11	17	95	41	17
28	6.6	26	79	692	91	e1030	99	10	15	63	125	21
29	5.8	24	72	304	269	557	e220	e130	13	58	61	69
30	6.1	22	67	251	---	3150	e370	e200	11	35	47	48
31	6.7	---	99	224	---	2110	---	e60	---	22	46	---
TOTAL	486.3	2119.7	9218	9361	5744	12393	12917	1524	1885	939.7	1937	967.5
MEAN	15.7	70.7	297	302	198	400	431	49.2	62.8	30.3	62.5	32.2
MAX	131	444	3180	1970	833	3150	3360	200	244	116	218	181
MIN	4.1	6.7	16	59	65	63	99	10	11	4.7	15	7.5
CFSM	.16	.73	3.09	3.14	2.06	4.16	4.48	.51	.65	.32	.65	.34
IN.	.19	.82	3.56	3.62	2.22	4.79	4.99	.59	.73	.36	.75	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 1996, BY WATER YEAR (WY)

MEAN	71.3	117	231	313	354	333	276	191	109	119	140	154
MAX	606	466	625	845	986	920	997	1129	587	592	715	680
(WY)	1986	1980	1962	1993	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1953 - 1996	
ANNUAL TOTAL	100206.4		59492.2			
ANNUAL MEAN	275		163		200	
HIGHEST ANNUAL MEAN					364	1983
LOWEST ANNUAL MEAN					67.4	1963
HIGHEST DAILY MEAN	9860	May 10	3360	Apr 15	9860	May 10 1995
LOWEST DAILY MEAN	4.1	Oct 2	4.1	Oct 2	1.2	Oct 21 1963
ANNUAL SEVEN-DAY MINIMUM	4.7	Sep 26	5.1	Oct 17	1.3	Oct 20 1963
INSTANTANEOUS PEAK FLOW			4390	Dec 19	13500	May 9 1995
INSTANTANEOUS PEAK STAGE			16.73	Dec 19	28.94	May 9 1995
INSTANTANEOUS LOW FLOW			4.0	Oct 2,3	1.1	Oct 21 1963
ANNUAL RUNOFF (CFSM)	2.85		1.69		2.08	
ANNUAL RUNOFF (INCHES)	38.75		23.01		28.24	
10 PERCENT EXCEEDS	665		277		461	
50 PERCENT EXCEEDS	61		61		68	
90 PERCENT EXCEEDS	6.8		8.4		8.4	

e Estimated

02481510 WOLF RIVER NEAR LANDON, MS

LOCATION.--Lat 30°29'00", long 89°16'28", in NE1/4 sec.34, T.6 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on left bank at downstream side of bridge on county highway, 0.3 mi downstream from Sandy Creek, 1.3 mi upstream from Pole Branch, and 11.2 mi northwest of Landon.

DRAINAGE AREA.--308 mi^2.

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 sea level. 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.--Estimated daily discharges: May 15-28, Jun. 6-7, 11-13, Jun. 17 - Jul. 24, Aug. 17-18, 20, 22-25, Sept. 4-15, 18-21, 26-27. Records good except for estimated discharges, which are poor.

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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	2400	5,570	15.92	Mar. 30	1330	9,050	19.98
Jan. 1	2200	4,580	14.66	Apr. 15	0530	*10,700	*21.64

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	64	107	2910	634	1160	2440	584	178	e94	212	325
2	48	249	104	2780	1160	878	1390	387	257	e92	928	185
3	68	1310	103	1300	1780	578	921	290	278	e90	2520	147
4	227	1170	103	776	1150	417	720	241	197	e88	1430	e128
5	395	585	105	563	738	347	627	215	156	e86	1150	e119
6	255	308	140	475	584	333	1120	195	e133	e84	981	e114
7	146	243	270	463	517	476	1980	176	e130	e82	759	e109
8	103	378	197	410	467	864	1160	161	414	e277	441	e108
9	83	340	167	339	425	598	773	150	344	e240	383	e106
10	72	234	159	304	396	436	583	144	191	e139	334	e105
11	65	222	153	284	368	350	479	158	e151	e89	629	e104
12	60	257	138	300	331	308	423	186	e123	e80	444	e104
13	58	223	127	324	292	284	550	173	e190	e337	442	e103
14	58	189	122	278	266	265	1260	151	478	e492	311	e102
15	56	161	121	247	255	253	8780	e129	529	e275	206	e125
16	56	145	139	233	245	242	3880	e122	670	e185	152	177
17	55	133	214	225	229	257	1400	e116	e350	e123	e123	142
18	54	124	3880	225	215	1210	1070	e113	e138	e102	e117	e120
19	53	119	4800	270	217	1650	1040	e111	e110	e83	126	e112
20	56	122	2490	334	1100	1280	838	e110	e200	e75	e132	e109
21	50	137	1320	256	1080	763	669	e109	e370	e67	160	e150
22	48	149	795	228	681	488	550	e107	e234	e60	e125	936
23	50	136	553	216	465	385	499	e106	e182	e55	e102	647
24	60	184	443	371	368	334	488	e105	e139	e52	e98	221
25	54	173	367	749	307	362	450	e105	e117	114	e190	138
26	53	155	318	534	272	580	390	e104	e108	291	697	e123
27	52	141	286	2160	255	1410	342	e103	e103	398	539	e115
28	53	130	260	2520	273	2120	307	e102	e100	335	283	157
29	51	120	237	1500	1360	1290	611	1230	e98	213	205	226
30	55	112	219	1110	---	6280	766	693	e96	302	179	166
31	57	---	348	859	---	4850	---	305	---	338	319	---
TOTAL	2600	8013	18785	23543	16430	31048	36506	6981	6764	5338	14717	5523
MEAN	83.9	267	606	759	567	1002	1217	225	225	172	475	184
MAX	395	1310	4800	2910	1780	6280	8780	1230	670	492	2520	936
MIN	48	64	103	216	215	242	307	102	96	52	98	102
CFSM	.27	.87	1.97	2.47	1.84	3.25	3.95	.73	.73	.56	1.54	.60
IN.	.31	.97	2.27	2.84	1.98	3.75	4.41	.84	.82	.64	1.78	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1996, BY WATER YEAR (WY)

MEAN	233	398	696	1016	1135	1077	1039	731	330	419	418	446
MAX	1231	957	1511	2475	2489	2424	3008	2641	1082	1513	1778	1676
(WY)	1986	1990	1984	1993	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1971 - 1996	
ANNUAL TOTAL	282252		176248			
ANNUAL MEAN	773		482		657	
HIGHEST ANNUAL MEAN					943	1980
LOWEST ANNUAL MEAN					312	1976
HIGHEST DAILY MEAN	18700	May 10	8780	Apr 15	18700	May 10 1995
LOWEST DAILY MEAN	48	Oct 2	48	Oct 2	37	Jun 9 1985
ANNUAL SEVEN-DAY MINIMUM	52	Oct 17	52	Oct 17	40	Jun 4 1985
INSTANTANEOUS PEAK FLOW			10700	Apr 15	24500	May 10 1995
INSTANTANEOUS PEAK STAGE			21.64	Apr 15	28.85	May 10 1995
ANNUAL RUNOFF (CFSM)	2.51		1.56		2.13	
ANNUAL RUNOFF (INCHES)	34.09		21.29		29.00	
10 PERCENT EXCEEDS	1850		1150		1520	
50 PERCENT EXCEEDS	284		238		289	
90 PERCENT EXCEEDS	71		85		84	

e Estimated

02481880 PEARL RIVER AT BURNSIDE, MS

LOCATION.--Lat 32°50'27", long 89°05'51", in NE1/4 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 mi^2.

PERIOD OF RECORD.--January 1981 to current year. Daily mean gage heights published since October 1984.

GAGE.--Water-stage recorder. Datum of gage is 376.30 ft above sea level.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed, 70,600 ft^3/s, Apr. 13, 1979, gage height, 23.31 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.8	33	590	347	3810	182	1490	516	17	8.2	25	53
2	4.7	42	645	353	3830	161	1470	428	14	6.5	20	48
3	67	65	625	386	4110	143	1410	357	14	5.4	53	32
4	180	108	614	424	3700	127	1250	288	24	4.3	33	31
5	331	124	782	433	2850	114	1040	217	22	3.2	28	53
6	393	109	979	535	1950	286	877	163	17	2.5	29	63
7	366	150	979	938	1520	902	748	128	13	2.4	75	70
8	325	267	867	1720	1270	2910	634	101	11	2.7	93	70
9	303	383	955	2120	1110	6160	531	84	9.8	6.7	81	75
10	298	498	975	1710	972	4240	450	64	8.4	9.7	49	77
11	272	651	1060	1440	856	2030	386	46	7.6	7.7	37	66
12	212	744	1180	1440	746	1290	330	37	7.3	3.7	53	53
13	142	784	1070	1390	660	983	348	39	7.1	2.7	81	46
14	94	1030	940	1450	574	789	423	38	8.0	4.3	99	42
15	68	1160	832	1290	500	656	670	28	15	7.4	69	40
16	53	1170	755	1110	431	543	753	21	12	19	55	35
17	43	1070	727	975	375	454	902	18	9.5	15	56	28
18	27	910	1250	866	328	390	1180	20	7.6	12	53	26
19	19	735	6020	793	297	471	1240	20	15	11	47	25
20	13	581	10200	735	310	518	1070	19	16	8.5	36	20
21	8.7	439	8290	737	322	606	1050	17	69	6.3	26	18
22	6.7	328	5660	712	343	662	1040	13	44	4.2	21	19
23	5.9	251	3220	642	338	631	1350	9.9	26	4.3	18	22
24	6.5	241	1880	717	320	578	1380	8.8	18	4.4	15	38
25	6.3	253	1340	803	298	743	1460	7.8	14	42	12	32
26	6.0	281	1050	1790	274	1220	1350	8.2	16	19	12	32
27	8.4	273	857	10200	247	2150	1130	7.9	39	42	27	28
28	25	267	704	16900	225	2600	919	7.9	12	67	18	24
29	14	423	574	12300	206	2270	755	17	12	80	22	27
30	21	506	471	6680	---	1870	633	22	10	53	27	35
31	34	---	394	4610	---	1650	---	22	---	33	36	---
TOTAL	3360.0	13876	56485	76546	32772	38329	28269	2773.5	515.3	498.1	1306	1228
MEAN	108	463	1822	2469	1130	1236	942	89.5	17.2	16.1	42.1	40.9
MAX	393	1170	10200	16900	4110	6160	1490	516	69	80	99	77
MIN	4.7	33	394	347	206	114	330	7.8	7.1	2.4	12	18
CFSM	.21	.89	3.50	4.75	2.17	2.38	1.81	.17	.03	.03	.08	.08
IN.	.24	.99	4.04	5.48	2.34	2.74	2.02	.20	.04	.04	.09	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1996, BY WATER YEAR (WY)

MEAN	82.1	448	963	1210	1609	1271	1234	769	239	121	84.4	25.0
MAX	295	1071	3408	3099	3661	3149	3686	4021	927	906	342	123
(WY)	1995	1990	1983	1990	1983	1983	1983	1983	1983	1989	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1981 - 1996	
ANNUAL TOTAL	272342.2		255957.9			
ANNUAL MEAN	746		699		685	
HIGHEST ANNUAL MEAN					1732	1983
LOWEST ANNUAL MEAN					141	1988
HIGHEST DAILY MEAN	10200	Dec 20	16900	Jan 28	34600	May 21 1983
LOWEST DAILY MEAN	3.4	Sep 10	2.4	Jul 7	.37	Oct 7 1987
ANNUAL SEVEN-DAY MINIMUM	3.7	Sep 9	3.9	Jul 2	.50	Oct 4 1987
INSTANTANEOUS PEAK FLOW			17600	Jan 28	37800	May 21 1983
INSTANTANEOUS PEAK STAGE			17.01	Jan 28	19.77	May 21 1983
ANNUAL RUNOFF (CFSM)	1.43		1.34		1.32	
ANNUAL RUNOFF (INCHES)	19.48		18.31		17.90	
10 PERCENT EXCEEDS	1460		1440		1590	
50 PERCENT EXCEEDS	279		194		164	
90 PERCENT EXCEEDS	5.9		8.5		4.5	

02481880 PEARL RIVER AT BURNSIDE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.45	5.29	10.54	9.00	13.76	7.82	12.55	9.91	4.81	4.50	4.97	5.46
2	4.35	5.48	10.79	9.05	13.77	7.61	12.52	9.35	4.72	4.43	4.84	5.35
3	5.63	5.89	10.71	9.29	13.86	7.41	12.44	8.81	4.73	4.37	5.50	5.05
4	7.23	6.52	10.67	9.57	13.73	7.24	12.17	8.26	4.99	4.32	5.13	5.01
5	8.58	6.73	11.32	9.63	13.44	7.08	11.78	7.63	4.95	4.25	5.01	5.43
6	9.06	6.54	11.88	10.20	13.03	8.70	11.38	7.08	4.80	4.21	5.04	5.61
7	8.85	7.02	11.88	11.74	12.73	11.82	10.98	6.69	4.67	4.21	5.87	5.72
8	8.55	8.19	11.60	12.76	12.46	13.43	10.53	6.34	4.60	4.22	6.14	5.72
9	8.37	9.11	11.82	13.09	12.23	14.49	10.02	6.12	4.57	4.43	5.97	5.80
10	8.33	9.91	11.87	12.81	11.99	13.91	9.52	5.80	4.52	4.55	5.44	5.83
11	8.11	10.67	12.03	12.59	11.70	13.14	9.06	5.49	4.49	4.47	5.20	5.65
12	7.56	11.07	12.25	12.58	11.36	12.60	8.64	5.32	4.48	4.28	5.51	5.43
13	6.84	11.20	12.07	12.53	11.02	12.13	8.77	5.36	4.47	4.22	5.95	5.29
14	6.24	11.84	11.78	12.59	10.65	11.62	9.33	5.33	4.50	4.30	6.22	5.22
15	5.86	12.10	11.49	12.40	10.25	11.10	10.65	5.11	4.76	4.44	5.76	5.18
16	5.62	12.13	11.24	12.11	9.81	10.55	11.00	4.95	4.64	4.83	5.54	5.06
17	5.43	11.96	11.14	11.84	9.41	9.99	11.42	4.87	4.55	4.72	5.56	4.91
18	5.10	11.60	12.18	11.57	9.05	9.52	12.02	4.91	4.48	4.61	5.49	4.87
19	4.88	11.06	14.40	11.36	8.80	10.05	12.13	4.90	4.73	4.58	5.38	4.83
20	4.71	10.42	15.53	11.17	8.92	10.32	11.81	4.88	4.76	4.48	5.16	4.70
21	4.56	9.59	15.07	11.18	9.02	10.75	11.78	4.82	5.84	4.39	4.95	4.65
22	4.49	8.78	14.34	11.09	9.20	10.97	11.76	4.68	5.41	4.29	4.81	4.67
23	4.45	8.14	13.54	10.81	9.16	10.81	12.29	4.59	5.03	4.29	4.72	4.74
24	4.48	8.06	12.93	11.11	9.03	10.55	12.36	4.54	4.83	4.29	4.62	5.12
25	4.48	8.17	12.47	11.43	8.85	11.15	12.44	4.51	4.71	5.25	4.52	4.98
26	4.47	8.42	12.02	12.47	8.65	12.28	12.29	4.52	4.75	4.81	4.53	4.97
27	4.57	8.36	11.55	15.49	8.43	13.09	11.91	4.51	5.27	5.33	4.93	4.89
28	5.07	8.31	11.03	16.87	8.23	13.30	11.46	4.51	4.66	5.77	4.71	4.82
29	4.78	9.54	10.47	15.97	8.06	13.15	10.97	4.82	4.65	5.97	4.80	4.87
30	4.98	10.08	9.88	14.63	---	12.89	10.49	4.95	4.59	5.54	4.93	5.05
31	5.30	---	9.35	14.01	---	12.71	---	4.94	---	5.14	5.14	---
MEAN	5.98	9.07	11.93	12.03	10.71	11.04	11.22	5.76	4.77	4.63	5.24	5.16
MAX	9.06	12.13	15.53	16.87	13.86	14.49	12.55	9.91	5.84	5.97	6.22	5.83
MIN	4.35	5.29	9.35	9.00	8.06	7.08	8.64	4.51	4.47	4.21	4.52	4.65

02482000 PEARL RIVER AT EDINBURG, MS

LOCATION.--Lat 32°47'55", long 89°20'10", in SW1/4 SW1/4 sec.13, T.11 N., R.9 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on right bank 10 ft downstream from bridge on State Highway 16 at Edinburg, 1,100 ft downstream from Hooper Mill Creek, 1.6 mi upstream from Rice Creek and at mile 387.5.

DRAINAGE AREA.--904 mi^2.

PERIOD OF RECORD.--August 1928 to current year. Daily mean gage heights published since January 1972. Gage-height records collected in same vicinity since 1908 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 1504: 1929-30, 1933. WDR MS-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 341.67 ft above sea level. Prior to July 2, 1930, nonrecording gage at site 500 ft upstream at datum 0.12 ft higher. July 2, 1930 to Sept. 20, 1938, nonrecording gage at present site and datum.

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

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood in March 1902 reached a stage of 29.0 ft, from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.-- Peak discharges greater than base discharge of 5,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 22	1030	8,880	22.77	Mar. 11	1415	5,400	20.00
Jan. 29	1230	*18,600	*25.43				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	71	889	936	9470	544	3300	1230	98	42	87	110
2	26	90	888	962	7940	507	2890	1040	88	35	60	95
3	721	155	893	928	7050	465	2460	848	85	30	50	95
4	586	201	1250	941	6670	432	2150	683	73	26	55	91
5	607	208	1040	917	5970	402	1950	554	63	24	101	81
6	606	217	1040	1410	5330	876	1810	445	62	22	112	72
7	573	345	1090	1820	4730	2510	1660	361	58	20	111	78
8	505	481	1130	1850	4040	3270	1480	300	63	19	132	84
9	431	539	1650	1950	3320	4210	1290	249	60	18	151	94
10	366	581	1640	2030	2640	4730	1120	212	53	21	141	103
11	327	1310	1730	2420	2200	5300	955	185	47	20	106	103
12	300	1210	1690	2780	1890	5070	810	164	45	20	82	96
13	268	1440	1560	2620	1650	4320	994	140	40	20	102	86
14	253	1540	1490	2480	1470	3360	1020	124	41	19	106	73
15	227	1380	1450	2280	1320	2420	1460	114	45	25	109	66
16	167	1260	1490	2120	1170	1820	1510	104	54	36	102	105
17	128	1220	1480	1980	1040	1450	1700	92	52	102	81	92
18	105	1220	2980	1890	933	1230	1560	81	47	56	70	71
19	88	1220	4710	1890	860	1350	1410	73	136	42	69	59
20	71	1170	5280	1660	905	1230	1430	69	58	34	69	52
21	58	1060	7390	1490	870	1230	1670	65	56	27	62	49
22	49	887	8750	1370	853	1180	1720	63	57	23	51	47
23	43	696	7900	1280	825	1130	1990	64	73	22	43	43
24	38	643	6530	1820	791	1120	1910	59	62	22	38	38
25	34	545	5290	1770	746	1970	1930	53	51	55	35	38
26	32	496	4200	3340	706	2180	1930	46	47	67	52	43
27	36	471	3080	6760	667	2690	1840	43	55	84	52	45
28	81	580	2160	11900	630	2780	1750	75	108	109	136	61
29	107	981	1620	18100	586	2920	1610	210	85	129	167	77
30	92	892	1310	16800	---	3290	1430	141	55	119	141	63
31	71	---	1100	13000	---	3520	---	124	---	118	131	---
TOTAL	7027	23109	84700	113494	77272	69506	50739	8011	1917	1406	2804	2210
MEAN	227	770	2732	3661	2665	2242	1691	258	63.9	45.4	90.5	73.7
MAX	721	1540	8750	18100	9470	5300	3300	1230	136	129	167	110
MIN	26	71	888	917	586	402	810	43	40	18	35	38
CFSM	.25	.85	3.02	4.05	2.95	2.48	1.87	.29	.07	.05	.10	.08
IN.	.29	.95	3.49	4.67	3.18	2.86	2.09	.33	.08	.06	.12	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 1996, BY WATER YEAR (WY)

MEAN	186	459	1304	2122	2611	2674	2412	1227	358	399	229	153
MAX	2480	2702	8019	7148	7476	7188	10670	7632	1914	3830	1994	1890
(WY)	1976	1978	1962	1974	1983	1976	1979	1983	1939	1940	1975	1979
MIN	4.85	9.63	61.3	105	465	528	156	50.1	8.62	24.2	16.0	6.01
(WY)	1988	1954	1963	1956	1934	1954	1963	1965	1988	1960	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1928 - 1996	
ANNUAL TOTAL	447406		442195			
ANNUAL MEAN	1226		1208		1171	
HIGHEST ANNUAL MEAN					3368	1983
LOWEST ANNUAL MEAN					236	1963
HIGHEST DAILY MEAN	11500	Apr 26	18100	Jan 29	73500	Apr 14 1979
LOWEST DAILY MEAN	14	Sep 7	18	Jul 9	2.2	Oct 5 1954
ANNUAL SEVEN-DAY MINIMUM	15	Sep 4	20	Jul 8	2.3	Sep 24 1956
INSTANTANEOUS PEAK FLOW			18600	Jan 29	77900	Apr 14 1979
INSTANTANEOUS PEAK STAGE			25.43	Jan 29	30.06	Apr 14 1979
INSTANTANEOUS LOW FLOW			17	Jul 9	1.7	Oct 5 1954
ANNUAL RUNOFF (CFSM)	1.36		1.34		1.30	
ANNUAL RUNOFF (INCHES)	18.41		18.20		17.60	
10 PERCENT EXCEEDS	3020		2900		3050	
50 PERCENT EXCEEDS	622		468		340	
90 PERCENT EXCEEDS	31		43		26	

02482000 PEARL RIVER AT EDINBURG, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.42	3.11	8.45	8.68	23.03	6.71	16.50	10.02	3.59	2.62	3.40	3.51
2	2.30	3.37	8.44	8.80	22.29	6.51	15.65	9.19	3.46	2.47	3.00	3.31
3	7.14	4.09	8.47	8.64	21.69	6.28	14.55	8.26	3.42	2.35	2.83	3.31
4	6.95	4.52	10.09	8.70	21.34	6.08	13.53	7.45	3.23	2.25	2.93	3.25
5	7.07	4.57	9.19	8.58	20.66	5.90	12.84	6.79	3.07	2.17	3.59	3.10
6	7.06	4.65	9.16	10.65	19.89	8.35	12.33	6.20	3.06	2.10	3.72	2.96
7	6.88	5.51	9.40	12.35	19.01	14.54	11.78	5.69	2.99	2.06	3.71	3.03
8	6.53	6.37	9.59	12.47	17.89	16.43	11.06	5.31	3.07	2.01	3.96	3.10
9	6.11	6.69	11.74	12.82	16.53	18.17	10.30	4.97	3.02	1.98	4.17	3.23
10	5.71	6.91	11.68	13.12	15.03	19.00	9.52	4.69	2.89	2.06	4.07	3.32
11	5.45	10.34	12.03	14.41	13.69	19.86	8.77	4.47	2.78	2.05	3.67	3.31
12	5.29	9.95	11.87	15.41	12.62	19.53	8.08	4.28	2.74	2.04	3.37	3.22
13	5.07	10.90	11.37	15.04	11.75	18.35	8.95	4.05	2.64	2.05	3.64	3.07
14	4.95	11.31	11.12	14.63	11.03	16.61	9.06	3.89	2.65	2.01	3.68	2.88
15	4.75	10.66	10.96	13.99	10.40	14.39	10.99	3.79	2.73	2.19	3.70	2.76
16	4.25	10.17	11.11	13.42	9.76	12.37	11.17	3.67	2.89	2.47	3.61	3.24
17	3.85	10.00	11.07	12.93	9.18	10.96	11.94	3.51	2.87	3.53	3.32	3.10
18	3.58	10.00	15.58	12.64	8.66	10.05	11.40	3.37	2.75	2.88	3.14	2.80
19	3.36	9.97	18.98	12.64	8.32	10.55	10.77	3.26	3.90	2.63	3.11	2.60
20	3.12	9.75	19.80	11.77	8.53	10.02	10.87	3.20	2.96	2.44	3.11	2.46
21	2.91	9.28	21.87	11.13	8.36	10.04	11.83	3.15	2.91	2.29	2.97	2.40
22	2.75	8.44	22.71	10.61	8.28	9.80	12.01	3.12	2.93	2.17	2.78	2.37
23	2.62	7.51	22.26	10.23	8.15	9.61	12.98	3.13	3.19	2.13	2.62	2.29
24	2.50	7.23	21.21	12.35	7.99	9.53	12.69	3.05	3.01	2.15	2.48	2.20
25	2.42	6.71	19.82	12.18	7.77	12.79	12.78	2.93	2.81	2.87	2.40	2.19
26	2.38	6.45	18.15	15.95	7.56	13.65	12.77	2.82	2.73	3.08	2.74	2.31
27	2.47	6.31	16.02	21.43	7.36	15.18	12.45	2.75	2.88	3.34	2.74	2.36
28	3.24	6.87	13.55	23.77	7.16	15.40	12.10	3.16	3.63	3.67	3.78	2.64
29	3.59	8.89	11.62	25.32	6.93	15.70	11.59	4.66	3.34	3.90	4.15	2.90
30	3.41	8.46	10.38	25.06	---	16.49	10.87	4.09	2.86	3.79	3.88	2.69
31	3.11	---	9.45	24.18	---	16.94	---	3.89	---	3.79	3.77	---
MEAN	4.30	7.63	13.46	14.00	12.79	12.77	11.74	4.61	3.03	2.57	3.36	2.86
MAX	7.14	11.31	22.71	25.32	23.03	19.86	16.50	10.02	3.90	3.90	4.17	3.51
MIN	2.30	3.11	8.44	8.58	6.93	5.90	8.08	2.75	2.64	1.98	2.40	2.19

02482550 PEARL RIVER NEAR CARTHAGE, MS

LOCATION.--Lat 32°42'25", long 89°31'35", in NE1/4 NE1/4 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 Lobutcha Creek, 10.8 mi upstream from Tuscolameta Creek, and at mile 366.3.

DRAINAGE AREA.--1,346 mi^2.

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 sea level.

REMARKS.--Estimated daily discharges: Dec. 19-24, Jan. 27 - Feb. 13, Mar. 7 - Apr. 30, June 18-19, and June 25 - July 3. 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 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	146	975	1480	e18500	806	e5000	1680	317	e131	303	330
2	55	145	938	1460	e16100	764	e5200	1450	272	e126	246	288
3	538	208	905	1520	e13600	717	e5000	1240	259	e119	212	273
4	811	267	1630	1470	e11900	674	e3820	1030	293	115	190	258
5	543	284	1610	1410	e10200	640	e2900	880	280	112	205	249
6	517	283	1230	1880	e9080	1020	e2540	756	236	108	265	231
7	478	342	1160	3050	e7400	e1800	e2410	647	214	103	294	216
8	438	514	1150	3100	e5920	e3180	e2200	564	213	99	279	213
9	393	567	1660	2980	e5040	e5360	e2070	500	415	94	344	243
10	350	576	2020	2860	e4460	e5830	e1720	434	437	91	330	249
11	313	1340	1930	2970	e3800	e5420	e1290	384	291	87	281	254
12	291	1500	1880	3600	e3300	e4800	e1100	372	227	84	255	236
13	275	1340	1740	3820	e2710	e4220	e1300	381	197	84	250	214
14	279	1480	1580	3790	2280	e3630	e2220	380	187	84	242	199
15	277	1470	1510	3670	2010	e3170	e3850	387	177	84	236	196
16	246	1310	1540	3510	1770	e2670	e4620	374	177	86	232	229
17	208	1210	1720	3290	1580	e2280	e4810	353	174	100	220	264
18	180	1160	3650	3190	1420	e1790	e4050	325	e194	127	205	224
19	163	1150	e5650	3320	1290	e1840	e2800	295	e236	98	203	203
20	149	1120	e8820	2930	1320	e2100	e2330	270	253	92	203	200
21	134	1050	e10100	2450	1350	e2250	e2060	250	186	94	203	200
22	124	927	e10200	2130	1310	e1940	e2080	232	163	96	203	199
23	117	792	e9800	1850	1270	e1710	e2610	226	159	98	203	198
24	113	699	e9050	2580	1220	e1580	e3620	210	166	99	203	197
25	108	640	8140	2960	1140	e1960	e3710	191	e162	111	205	197
26	104	578	6850	4580	1070	e3500	e3460	174	e158	127	299	195
27	113	540	5400	e8600	1010	e5500	e3000	154	e153	145	260	195
28	141	601	4040	e13000	935	e5960	e2620	172	e147	198	272	194
29	162	1080	2830	e16400	863	e5890	e2230	512	e141	262	450	193
30	175	1060	2080	e19600	---	e5300	e1900	456	e137	270	417	191
31	162	---	1720	e22300	---	e4860	---	386	---	259	384	---
TOTAL	8018	24379	113508	151750	133848	93161	88520	15665	6621	3783	8094	6728
MEAN	259	813	3662	4895	4615	3005	2951	505	221	122	261	224
MAX	811	1500	10200	22300	18500	5960	5200	1680	437	270	450	330
MIN	55	145	905	1410	863	640	1100	154	137	84	190	191
CFSM	.19	.60	2.72	3.64	3.43	2.23	2.19	.38	.16	.09	.19	.17
IN.	.22	.67	3.14	4.19	3.70	2.57	2.45	.43	.18	.10	.22	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 1996, BY WATER YEAR (WY)

MEAN	413	795	2287	3661	3865	4317	4320	2278	697	542	430	332
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	122	82.5	60.9
(WY)	1964	1964	1988	1986	1986	1967	1963	1963	1988	1996	1981	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1963 - 1996	
ANNUAL TOTAL	617234		654075			
ANNUAL MEAN	1691		1787		1986	
HIGHEST ANNUAL MEAN					5247	1983
LOWEST ANNUAL MEAN					422	1963
HIGHEST DAILY MEAN	15800	Apr 27	22300	Jan 31	93800	Apr 14 1979
LOWEST DAILY MEAN	55	Oct 2	55	Oct 2	32	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	63	Sep 15	86	Jul 10	33	Oct 24 1963
INSTANTANEOUS PEAK FLOW			22500	Jan 31	102000	Apr 14 1979
INSTANTANEOUS PEAK STAGE			23.18a	Jan 31	28.74	Apr 14 1979
INSTANTANEOUS LOW FLOW			53	Oct 2	31	Oct 30 1963
ANNUAL RUNOFF (CFSM)	1.26		1.33		1.48	
ANNUAL RUNOFF (INCHES)	17.06		18.08		20.04	
10 PERCENT EXCEEDS	4440		4670		5110	
50 PERCENT EXCEEDS	811		541		697	
90 PERCENT EXCEEDS	104		140		107	

e Estimated
a Observed.

02482550 PEARL RIVER NEAR CARTHAGE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.70	3.76	8.25	9.75	---	7.66	---	10.25	5.32	---	4.89	4.94
2	2.61	3.74	8.13	9.70	---	7.50	---	9.67	4.98	---	4.43	4.64
3	5.92	4.34	8.02	9.84	---	7.31	---	9.08	4.88	---	4.13	4.52
4	7.66	4.84	10.09	9.71	---	7.14	---	8.44	5.13	3.44	3.92	4.40
5	6.56	4.98	10.07	9.55	---	6.99	---	7.93	5.03	3.40	4.05	4.33
6	6.44	4.97	9.06	10.62	---	8.21	---	7.46	4.68	3.34	4.54	4.17
7	6.25	5.40	8.85	12.92	---	---	---	7.03	4.49	3.29	4.76	4.05
8	6.04	6.42	8.82	12.99	---	---	---	6.67	4.47	3.23	4.63	4.03
9	5.76	6.67	10.18	12.81	---	---	---	6.38	5.90	3.18	5.12	4.28
10	5.46	6.71	11.05	12.62	---	---	---	6.04	6.06	3.12	4.99	4.34
11	5.20	9.31	10.84	12.80	---	---	---	5.73	5.10	3.08	4.61	4.38
12	5.03	9.79	10.72	13.74	---	---	---	5.65	4.58	3.03	4.39	4.23
13	4.91	9.36	10.39	13.97	---	---	---	5.72	4.32	3.02	4.34	4.04
14	4.94	9.74	10.01	13.71	11.58	---	---	5.71	4.23	3.01	4.26	3.91
15	4.92	9.71	9.83	13.32	11.02	---	---	5.76	4.14	2.99	4.20	3.89
16	4.67	9.29	9.89	12.88	10.47	---	---	5.68	4.12	3.01	4.15	4.16
17	4.34	8.98	10.35	12.33	10.00	---	---	5.54	4.10	3.17	4.06	4.47
18	4.10	8.85	13.64	12.01	9.57	---	---	5.35	---	3.48	3.92	4.14
19	3.93	8.80	---	12.37	9.22	---	---	5.14	---	3.13	3.91	3.96
20	3.79	8.71	---	11.97	9.31	---	---	4.94	4.78	3.04	3.92	3.94
21	3.63	8.50	---	11.38	9.38	---	---	4.79	4.20	3.05	3.92	3.94
22	3.52	8.09	---	10.95	9.27	---	---	4.64	3.98	3.07	3.92	3.94
23	3.44	7.60	---	10.57	9.17	---	---	4.60	3.94	3.08	3.92	3.93
24	3.39	7.24	---	12.08	9.03	---	---	4.46	3.99	3.08	3.92	3.93
25	3.33	6.99	18.47	12.77	8.78	---	---	4.30	---	3.22	3.93	3.93
26	3.29	6.72	17.36	14.66	8.57	---	---	4.13	---	3.39	4.70	3.93
27	3.39	6.55	15.93	---	8.36	---	---	3.94	---	3.58	4.41	3.93
28	3.70	6.79	14.33	---	8.12	---	---	4.10	---	4.07	4.48	3.92
29	3.92	8.58	12.55	---	7.87	---	---	6.44	---	4.61	5.83	3.91
30	4.05	8.53	11.16	---	---	---	---	6.19	---	4.66	5.61	3.91
31	3.92	---	10.34	---	---	---	---	5.79	---	4.56	5.37	---
MEAN	4.54	7.33	---	---	---	---	---	6.05	---	---	4.43	4.14
MAX	7.66	9.79	---	---	---	---	---	10.25	---	---	5.83	4.94
MIN	2.61	3.74	---	---	---	---	---	3.94	---	---	3.91	3.89

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS

LOCATION.--Lat 32°35'18", long 89°27'54", in NW1/4 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 mi^2 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). WDR MS-92: 1983-1984.

GAGE.--Water-stage recorder. Datum of gages is 322.70 ft above sea level (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.29 - Feb. 8, Feb. 25 - Mar. 4, Apr. 29 - May 9. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 20	0700	7,810	26.80	Mar. 9	1145	6,790	26.51
Jan. 27	2315	*13,400	*28.08	Mar. 27	1415	4,930	25.45

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	43	152	196	e2000	e160	2140	e82	35	21	255	166
2	14	48	120	1170	e3400	e150	1710	e68	33	23	286	97
3	773	88	106	1680	e4600	e140	695	e55	38	22	397	78
4	1230	234	545	1320	e3800	e140	350	e45	35	25	186	114
5	1040	179	739	596	e2700	135	312	e41	31	25	186	67
6	568	102	517	820	e1600	2140	309	e35	23	26	263	47
7	284	368	485	1360	e1000	4660	307	e33	18	28	770	39
8	137	658	583	1090	e720	5530	256	e27	21	36	467	36
9	72	447	1560	580	548	6580	224	e24	28	49	257	73
10	49	410	2070	399	455	4020	182	21	27	104	153	103
11	39	2420	1410	373	384	892	157	22	23	88	95	58
12	34	2420	627	815	314	404	151	21	17	47	86	47
13	29	1800	316	909	269	318	626	22	16	33	85	38
14	50	778	237	562	247	255	1390	20	327	39	73	36
15	76	383	194	382	237	234	2990	19	161	69	56	33
16	54	266	276	304	218	228	3130	17	97	74	48	33
17	42	183	714	267	196	223	2120	15	60	384	44	37
18	34	136	4300	385	184	250	588	16	37	439	40	45
19	30	108	6460	551	197	905	315	14	31	370	36	44
20	29	87	7540	479	318	1060	248	14	43	127	33	44
21	31	80	5620	353	341	569	195	14	24	90	30	50
22	30	67	1970	313	279	303	162	14	22	53	28	51
23	33	69	546	281	240	229	710	16	19	36	26	54
24	29	165	364	1940	211	204	880	14	22	39	28	52
25	27	192	296	2370	e200	2510	506	14	25	262	55	40
26	28	146	259	5060	e190	3960	275	21	26	344	181	23
27	37	111	231	9990	e180	4770	237	25	31	189	94	22
28	152	141	210	11100	e180	3310	165	44	37	280	60	46
29	124	224	191	e7100	e170	1630	e140	173	30	530	143	61
30	68	201	179	e4400	---	999	e110	130	24	307	376	43
31	48	---	177	e2900	---	1620	---	55	---	171	372	---
TOTAL	5205	12554	38994	60045	25378	48528	21580	1131	1361	4330	5209	1677
MEAN	168	418	1258	1937	875	1565	719	36.5	45.4	140	168	55.9
MAX	1230	2420	7540	11100	4600	6580	3130	173	327	530	770	166
MIN	14	43	106	196	170	135	110	14	16	21	26	22
CFSM	.41	1.02	3.06	4.71	2.13	3.81	1.75	.09	.11	.34	.41	.14
IN.	.47	1.14	3.53	5.43	2.30	4.39	1.95	.10	.12	.39	.47	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1996, BY WATER YEAR (WY)

MEAN	113	320	600	1036	1257	1234	1051	518	170	191	110	82.6
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	205422		225992			
ANNUAL MEAN	563		617		553	
HIGHEST ANNUAL MEAN					1303	1983
LOWEST ANNUAL MEAN					144	1952
HIGHEST DAILY MEAN	8600	Apr 25	11100	Jan 28	32500	Jan 7 1950
LOWEST DAILY MEAN	14	Sep 9	14	Oct 1	2.7	Oct 2 1954
ANNUAL SEVEN-DAY MINIMUM	15	Sep 8	14	May 19	3.3	Sep 26 1954
INSTANTANEOUS PEAK FLOW			13400	Jan 27	34600	Jan 7 1950
INSTANTANEOUS PEAK STAGE			28.08	Jan 27	33.00	Jan 7 1950
ANNUAL RUNOFF (CFSM)	1.37		1.50		1.35	
ANNUAL RUNOFF (INCHES)	18.59		20.45		18.29	
10 PERCENT EXCEEDS	1510		1690		1460	
50 PERCENT EXCEEDS	123		168		109	
90 PERCENT EXCEEDS	24		25		16	

e Estimated

02483000 TUSCOLAMETA CREEK AT WALNUT GROVE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.30	11.77	12.69	12.84	20.59	---	19.70	---	11.82	11.61	12.93	11.98
2	11.28	11.82	12.50	16.87	23.83	---	17.83	---	11.79	11.67	13.01	11.82
3	15.33	12.10	12.41	18.37	25.41	---	14.72	---	11.87	11.67	13.61	11.74
4	16.76	13.14	14.56	16.82	---	---	13.47	---	11.83	11.71	12.55	11.61
5	15.91	12.74	15.18	14.53	---	12.44	13.50	---	11.76	11.72	12.89	11.52
6	14.35	12.21	14.14	15.72	---	19.86	13.55	---	11.58	11.77	13.33	11.50
7	13.03	13.43	14.21	17.62	---	25.20	13.51	---	11.46	11.80	15.20	11.49
8	12.28	14.88	14.52	16.47	---	25.85	13.15	---	11.50	11.85	13.79	11.48
9	11.97	13.85	18.51	14.65	14.67	26.43	12.91	---	11.59	11.93	13.15	11.84
10	11.80	13.83	19.83	13.90	14.24	24.19	12.66	11.52	11.48	12.38	12.54	12.16
11	11.72	21.13	17.41	13.77	13.91	16.43	12.55	11.54	11.43	12.24	12.08	11.75
12	11.67	20.84	14.84	15.77	13.53	13.96	12.54	11.55	11.39	11.84	12.00	11.63
13	11.62	19.19	13.58	15.83	13.21	13.49	14.84	11.57	11.40	11.72	11.98	11.57
14	11.71	15.89	13.16	14.49	13.09	13.07	17.57	11.53	12.67	11.82	11.87	11.53
15	11.88	14.04	12.94	13.76	13.05	12.97	22.33	11.50	12.17	12.00	11.73	11.52
16	11.77	13.29	13.34	13.38	12.95	12.97	22.12	11.45	12.15	12.10	11.67	11.54
17	11.69	12.87	14.93	13.19	12.81	12.98	19.60	11.41	11.96	13.92	11.64	11.60
18	11.65	12.61	24.26	13.86	12.76	13.10	14.79	11.40	11.76	14.92	11.59	11.71
19	11.61	12.45	26.26	14.35	12.82	16.00	13.57	11.39	11.68	14.58	11.57	11.69
20	11.61	12.33	26.72	13.94	13.63	16.15	13.23	11.42	11.93	12.51	11.55	11.71
21	11.67	12.29	25.89	13.59	13.74	14.28	12.91	11.42	11.68	12.03	11.53	11.73
22	11.67	12.19	20.01	13.44	13.30	13.21	12.69	11.45	11.59	11.81	11.52	11.77
23	11.67	12.17	14.69	13.24	13.10	12.86	15.23	11.56	11.55	11.69	11.51	11.82
24	11.63	12.74	13.77	19.67	12.93	12.80	15.28	11.49	11.54	11.65	11.51	11.82
25	11.60	12.92	13.42	20.54	---	20.86	14.17	11.47	11.56	12.93	11.55	11.72
26	11.62	12.62	13.22	23.44	---	24.28	13.33	11.60	11.64	13.70	11.81	11.49
27	11.71	12.44	13.06	27.31	---	25.27	13.24	11.65	11.65	12.80	11.82	11.47
28	12.19	12.73	12.93	27.64	---	23.07	12.77	11.84	11.69	13.49	11.69	11.66
29	12.15	13.27	12.80	26.62	---	18.45	---	12.75	11.66	14.71	11.88	11.78
30	11.89	13.09	12.72	24.83	---	16.44	---	12.60	11.62	13.32	12.19	11.59
31	11.77	---	12.71	22.81	---	18.49	---	12.01	---	12.59	12.17	---
MEAN	12.27	13.70	15.85	17.20	---	---	---	---	11.71	12.47	12.25	11.67
MAX	16.76	21.13	26.72	27.64	---	---	---	---	12.67	14.92	15.20	12.16
MIN	11.28	11.77	12.41	12.84	---	---	---	---	11.39	11.61	11.51	11.47

02483500 PEARL RIVER NEAR LENA, MS

LOCATION.--Lat 32°40'02", long 89°38'46", in SE1/4 sec.35, T.10 N., R.6 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, County code 079, at State Highway 25, 2.7 mi south of State Highway 16 intersection, 6.1 mi northwest of Lena, about 353.8 mi upstream from the mouth, and 2.8 mi upstream of the confluence with the Yockanookany River. The gage is located approximately 52.0 mi upstream of the Ross Barnett Reservoir Dam.

DRAINAGE AREA.--1981 mi^2.

PERIOD OF RECORD.--Oct. 1936 to Sept. 1953, July 1994 to current year. Additional gage-height and discharge records are available from the National Weather Service and the U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Elevation of gage is 300.00 ft above sea level, from U.S.Army Corps of Engineers levels. Prior to Jan. 1984 at site at old Highway 13 bridge .3 mi upstream at datum 0.5 ft lower.

REMARKS.--Estimated discharges: Mar. 7-12. Records good except estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 1979, reached a stage of 32.20 ft at datum 0.5 ft lower, and a discharge of 122,000 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	239	303	1570	1820	21700	1100	7750	2240	795	268	523	659
2	230	299	1470	2010	19800	1050	7900	1850	802	251	539	477
3	907	344	1370	3160	18100	997	6860	1560	574	241	536	425
4	2360	427	2130	3420	16200	939	4960	1290	558	230	493	389
5	2020	568	2940	2970	15000	866	3830	1080	682	222	383	396
6	1540	535	2560	3090	13300	1440	3240	928	678	217	421	365
7	1090	544	2080	5590	10500	e2300	2930	802	508	214	674	334
8	838	1070	2040	5870	8810	e3900	2620	700	500	214	775	317
9	688	1260	2840	5230	7640	e6600	2300	634	576	212	638	322
10	587	1080	4270	4640	6560	e7800	2010	565	743	213	560	365
11	514	2510	4480	4440	5470	e8300	1730	520	549	247	438	374
12	463	4160	3840	5120	4470	e7720	1510	481	401	239	378	367
13	428	4040	2990	5590	3630	6550	1820	457	377	221	364	331
14	423	3380	2440	5330	3010	6110	3410	420	415	217	346	306
15	438	2470	2130	4850	2570	5330	5980	399	523	222	332	290
16	431	2000	2060	4500	2240	4250	7300	375	398	244	318	311
17	377	1710	2540	4120	1990	3120	7460	358	372	307	311	353
18	330	1550	5570	3620	1780	2440	6340	340	341	543	298	328
19	300	1470	11500	4090	1620	2920	4250	325	332	598	282	303
20	281	1420	14600	4100	1660	3600	3210	310	367	412	270	283
21	263	1340	15800	3570	1860	3330	2990	297	340	301	262	273
22	248	1230	15300	3140	1840	2860	2990	287	296	271	257	267
23	233	1080	13400	2870	1760	2630	4400	283	282	245	251	261
24	228	976	11500	4200	1630	2320	5740	282	278	235	245	264
25	221	991	10400	6420	1500	3280	5640	272	275	237	242	273
26	223	922	9020	7830	1370	7150	5210	265	270	417	379	268
27	238	862	7280	16600	1280	8600	5000	262	266	409	422	264
28	257	860	5610	21800	1210	9360	4590	279	263	401	355	279
29	326	1730	4070	24100	1150	9260	3900	584	273	618	512	297
30	332	1750	2790	23000	---	7800	2930	772	284	688	659	321
31	318	---	2130	23200	---	7170	---	720	---	583	775	---
TOTAL	17371	42881	172720	220290	179650	141092	130800	19937	13318	9937	13238	10062
MEAN	560	1429	5572	7106	6195	4551	4360	643	444	321	427	335
MAX	2360	4160	15800	24100	21700	9360	7900	2240	802	688	775	659
MIN	221	299	1370	1820	1150	866	1510	262	263	212	242	261
CFSM	.28	.72	2.81	3.59	3.13	2.30	2.20	.32	.22	.16	.22	.17
IN.	.33	.81	3.24	4.14	3.37	2.65	2.46	.37	.25	.19	.25	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1996, BY WATER YEAR (WY)

MEAN	750	1031	3810	5065	4518	6052	5363	1299	853	319	674	291
MAX	940	1429	5572	7106	6195	7553	6366	1955	1262	321	920	335
(WY)	1995	1996	1996	1996	1996	1995	1995	1995	1995	1996	1995	1996
MIN	560	632	2049	3025	2781	4551	4360	643	444	317	427	246
(WY)	1996	1995	1995	1995	1995	1996	1996	1996	1996	1995	1996	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1994 - 1996	
ANNUAL TOTAL	973945		971296			
ANNUAL MEAN	2668		2654		2495	
HIGHEST ANNUAL MEAN					2654	1996
LOWEST ANNUAL MEAN					2336	1995
HIGHEST DAILY MEAN	24500	Apr 25	24100	Jan 29	24500	Apr 25 1995
LOWEST DAILY MEAN	179	Jul 27	212	Jul 9	171	Oct 2 1994
ANNUAL SEVEN-DAY MINIMUM	188	Jul 22	217	Jul 4	182	Oct 1 1994
INSTANTANEOUS PEAK FLOW			24700	Jan 29	46500	Jan 8 1950
INSTANTANEOUS PEAK STAGE			24.60	Jan 29	28.56	Jan 8 1950
INSTANTANEOUS LOW FLOW			209	Jul 7,9,10		
ANNUAL RUNOFF (CFSM)	1.35		1.34		1.26	
ANNUAL RUNOFF (INCHES)	18.29		18.24		17.11	
10 PERCENT EXCEEDS	7060		7160		6320	
50 PERCENT EXCEEDS	1260		886		1040	
90 PERCENT EXCEEDS	234		264		251	

e Estimated

02483500 PEARL RIVER NEAR LENA , MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.41	4.65	7.68	8.14	23.92	6.69	15.48	8.90	6.12	4.57	5.34	5.67
2	4.38	4.63	7.47	8.46	23.22	6.59	15.62	8.24	6.14	4.51	5.39	5.16
3	6.14	4.77	7.27	10.26	22.45	6.46	14.58	7.69	5.55	4.47	5.38	5.00
4	9.11	5.03	8.65	10.62	21.47	6.33	12.53	7.16	5.50	4.43	5.26	4.89
5	8.55	5.43	9.96	10.00	20.80	6.16	11.15	6.72	5.84	4.40	4.92	4.92
6	7.67	5.34	9.39	10.13	19.75	7.37	10.37	6.36	5.83	4.38	5.04	4.82
7	6.73	5.35	8.62	13.23	17.80	---	9.94	6.07	5.35	4.37	5.74	4.71
8	6.16	6.65	8.54	13.55	16.45	---	9.49	5.82	5.33	4.37	6.01	4.65
9	5.79	7.07	9.78	12.84	15.36	---	8.99	5.65	5.54	4.35	5.65	4.66
10	5.52	6.65	11.70	12.15	14.28	---	8.48	5.47	5.98	4.35	5.44	4.81
11	5.32	9.20	11.96	11.92	13.11	---	7.98	5.35	5.46	4.48	5.09	4.84
12	5.17	11.58	11.16	12.72	11.95	---	7.55	5.24	5.03	4.45	4.90	4.81
13	5.07	11.42	10.02	13.25	10.89	14.27	8.12	5.17	4.95	4.39	4.85	4.69
14	5.06	10.56	9.22	12.95	10.05	13.81	10.59	5.07	5.07	4.37	4.79	4.60
15	5.10	9.25	8.71	12.40	9.41	12.95	13.66	5.00	5.39	4.39	4.75	4.55
16	5.08	8.47	8.58	11.99	8.90	11.67	15.03	4.94	5.02	4.47	4.70	4.62
17	4.92	7.94	9.36	11.52	8.46	10.20	15.19	4.89	4.94	4.69	4.67	4.76
18	4.77	7.63	13.12	10.88	8.07	9.22	14.04	4.84	4.83	5.42	4.62	4.66
19	4.67	7.47	18.48	11.48	7.77	9.92	11.67	4.79	4.80	5.57	4.57	4.58
20	4.61	7.36	20.61	11.49	7.85	10.85	10.33	4.74	4.91	5.02	4.53	4.51
21	4.54	7.21	21.29	10.82	8.22	10.50	10.03	4.71	4.82	4.66	4.50	4.48
22	4.49	6.97	21.01	10.24	8.19	9.84	10.02	4.67	4.68	4.56	4.47	4.45
23	4.44	6.64	19.86	9.86	8.04	9.50	11.84	4.66	4.63	4.46	4.45	4.43
24	4.42	6.41	18.56	11.56	7.79	9.03	13.41	4.66	4.61	4.43	4.42	4.44
25	4.40	6.45	17.77	14.13	7.52	10.35	13.30	4.62	4.60	4.43	4.41	4.48
26	4.39	6.29	16.63	15.47	7.28	14.86	12.82	4.60	4.58	5.04	4.87	4.46
27	4.45	6.15	15.00	21.58	7.08	16.27	12.58	4.58	4.57	5.01	5.01	4.44
28	4.51	6.14	13.26	23.91	6.93	16.92	12.10	4.64	4.55	4.99	4.79	4.50
29	4.74	7.97	11.45	24.51	6.80	16.84	11.25	5.56	4.59	5.61	5.27	4.56
30	4.76	8.02	9.74	24.26	---	15.51	9.94	6.06	4.63	5.79	5.67	4.64
31	4.70	---	8.70	24.32	---	14.90	---	5.93	---	5.51	5.97	---
MEAN	5.29	7.16	12.37	13.57	12.41	---	11.60	5.57	5.13	4.71	5.02	4.69
MAX	9.11	11.58	21.29	24.51	23.92	---	15.62	8.90	6.14	5.79	6.01	5.67
MIN	4.38	4.63	7.27	8.14	6.80	---	7.55	4.58	4.55	4.35	4.41	4.43

02484000 YOCKANOOKANY RIVER NEAR KOSCIUSKO, MS

LOCATION.--Lat 33°01'55", long 89°34'40", in NE1/4 NE1/4 sec.33, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on left bank at downstream side of bridge on State Highway 35, 2.0 mi south of Kosciusko.

DRAINAGE AREA.--303 mi^2.

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 sea level, (levels by U. S. Army Corps of Engineers). Prior to Mar. 28, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Feb. 3-6, 20-22, Mar. 20-21, Apr. 25-29. Records good except for estimated discharges, which are poor. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	1600	*4,030	*13.47	Apr. 24	0300	3,200	12.86
Jan. 27	1800	3,470	13.07				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	33	269	215	534	139	285	125	49	14	23	30
2	15	67	202	702	1200	127	222	93	756	13	24	27
3	29	160	173	673	e1900	119	175	76	608	13	25	31
4	43	130	232	404	e1200	109	147	66	175	13	23	27
5	53	85	244	294	e750	103	131	57	73	12	22	27
6	46	62	198	797	e600	197	132	54	46	11	22	26
7	36	100	169	1610	507	467	172	52	37	11	20	23
8	27	194	173	1550	578	381	151	46	63	11	20	20
9	22	156	591	791	495	252	118	43	45	10	21	62
10	19	96	512	394	403	191	101	40	36	11	21	26
11	17	268	313	476	345	169	93	37	34	11	20	22
12	17	358	227	1190	292	151	83	37	32	11	20	20
13	16	223	188	1450	247	143	375	37	28	11	22	18
14	18	160	162	836	226	136	714	34	47	11	22	17
15	19	126	145	406	216	131	1420	33	64	13	20	15
16	20	101	499	316	203	127	1060	32	37	23	18	15
17	20	84	761	281	190	117	377	31	30	17	16	17
18	18	74	1660	336	180	140	241	30	26	14	15	17
19	17	73	3720	721	185	747	189	29	22	13	14	17
20	17	70	3410	576	e300	e1000	378	26	20	12	14	16
21	17	67	3010	414	e280	e400	1230	23	19	11	16	21
22	16	63	1920	367	e250	285	1660	22	19	10	14	63
23	16	79	483	311	217	215	2600	22	20	11	12	48
24	16	187	274	1020	189	178	3010	23	18	12	12	28
25	16	231	218	1720	162	1140	e2460	23	16	23	14	23
26	17	190	191	1820	147	2530	e1000	31	15	30	26	19
27	20	152	172	3130	144	2390	e400	28	23	24	64	17
28	34	239	157	3120	149	2020	e250	683	20	48	53	26
29	63	508	143	3060	157	808	e190	2030	17	49	114	44
30	48	367	132	2220	---	362	150	624	15	30	46	37
31	40	---	144	1090	---	315	---	95	---	24	36	---
TOTAL	787	4703	20692	32290	12246	15589	19514	4582	2410	527	809	799
MEAN	25.4	157	667	1042	422	503	650	148	80.3	17.0	26.1	26.6
MAX	63	508	3720	3130	1900	2530	3010	2030	756	49	114	63
MIN	15	33	132	215	144	103	83	22	15	10	12	15
CFSM	.08	.52	2.20	3.44	1.39	1.66	2.15	.49	.27	.06	.09	.09
IN.	.10	.58	2.54	3.96	1.50	1.91	2.40	.56	.30	.06	.10	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	85.3	262	572	824	983	959	803	445	153	171	74.5	69.0
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	17.0	3.95	4.56
(WY)	1944	1954	1944	1956	1986	1966	1967	1963	1988	1996	1943	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	153195		114948			
ANNUAL MEAN	420		314		447	
HIGHEST ANNUAL MEAN					1217	1983
LOWEST ANNUAL MEAN					90.6	1963
HIGHEST DAILY MEAN	9030	Apr 24	3720	Dec 19	34300	Apr 13 1979
LOWEST DAILY MEAN	11	Sep 10	10	Jul 9	2.3	Aug 20 1943
ANNUAL SEVEN-DAY MINIMUM	11	Sep 8	11	Jul 6	2.4	Aug 19 1943
INSTANTANEOUS PEAK FLOW			4030	Dec 19	40700	Apr 13 1979
INSTANTANEOUS PEAK STAGE			13.47	Dec 19	23.06	Apr 13 1979
INSTANTANEOUS LOW FLOW			10	Jul 9	2.3	Aug 20 1943
ANNUAL RUNOFF (CFSM)	1.39		1.04		1.48	
ANNUAL RUNOFF (INCHES)	18.81		14.11		20.06	
10 PERCENT EXCEEDS	719		800		1220	
50 PERCENT EXCEEDS	102		81		94	
90 PERCENT EXCEEDS	16		16		14	

e Estimated

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS

LOCATION.--Lat 32°42'20", long 89°40'20", in NE1/4 NW1/4 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 Ofahoma, 3.5 mi upstream from mouth, and 8.5 mi southwest of Carthage.

DRAINAGE AREA.--469 mi^2.

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 sea level (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.--Estimated daily discharges: Oct. 1-2, due to silted well and Mar. 9-12, due to backwater from Pearl River. Records fair except for estimated daily discharges, which are poor. National Weather Service telemeter and satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 22	0445	2,890	18.05	Jan. 27	2100	*3,680	*19.29

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e35	63	322	203	3050	192	1540	349	768	34	154	91
2	e35	63	348	264	2820	192	1040	262	760	32	96	67
3	38	72	273	371	2470	180	708	215	363	29	67	60
4	41	90	275	508	2050	168	473	180	450	26	57	51
5	39	127	371	676	1870	161	329	152	664	24	52	66
6	48	125	375	1060	1760	185	266	133	630	23	48	54
7	51	115	274	1510	1550	555	240	118	286	23	49	46
8	53	123	204	1230	1180	643	224	109	379	22	48	44
9	48	128	268	1190	881	e600	230	106	416	22	53	41
10	42	154	432	1340	792	e480	209	99	401	21	45	40
11	37	191	481	1380	767	e380	181	93	187	21	42	80
12	33	193	532	1320	686	e330	165	89	111	21	44	72
13	31	219	527	1040	563	295	306	83	96	21	42	47
14	32	269	364	947	448	252	480	80	120	21	38	40
15	33	221	242	1100	362	219	1070	77	80	21	35	37
16	33	155	229	1220	306	194	1240	73	81	22	35	37
17	32	123	317	1070	276	180	1420	69	101	30	35	35
18	31	105	1090	759	254	181	1430	65	77	38	33	33
19	31	91	2190	711	239	322	1160	62	62	37	30	33
20	31	81	2610	614	271	377	775	59	55	29	28	33
21	30	76	2840	650	285	511	694	55	49	26	28	33
22	30	74	2870	756	350	722	532	53	45	24	27	33
23	29	73	2610	746	364	835	1230	50	41	26	27	33
24	30	83	2250	1060	320	632	1670	47	39	25	27	64
25	29	79	1810	1080	270	757	1960	43	37	25	28	74
26	29	115	1200	1390	237	970	2120	42	37	27	45	52
27	33	149	612	3200	213	1050	2090	42	35	32	37	42
28	39	136	358	3570	198	1420	1790	49	32	58	36	42
29	38	173	264	3320	191	1830	1320	140	32	77	97	39
30	39	226	225	3090	---	1890	697	203	38	169	107	43
31	60	---	205	3070	---	1760	---	426	---	177	136	---
TOTAL	1140	3892	26968	40445	25023	18463	27589	3623	6472	1183	1626	1462
MEAN	36.8	130	870	1305	863	596	920	117	216	38.2	52.5	48.7
MAX	60	269	2870	3570	3050	1890	2120	426	768	177	154	91
MIN	29	63	204	203	191	161	165	42	32	21	27	33
CFSM	.08	.28	1.85	2.78	1.84	1.27	1.96	.25	.46	.08	.11	.10
IN.	.09	.31	2.14	3.21	1.98	1.46	2.19	.29	.51	.09	.13	.12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1996, BY WATER YEAR (WY)

MEAN	125	334	837	1289	1491	1465	1347	761	230	199	123	92.3
MAX	1073	2132	5617	5142	3433	4278	6209	3690	1142	1461	719	1100
(WY)	1976	1980	1983	1974	1946	1980	1979	1983	1989	1989	1975	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1944 - 1996	
ANNUAL TOTAL	193393		157886			
ANNUAL MEAN	530		431		687	
HIGHEST ANNUAL MEAN					1868	1983
LOWEST ANNUAL MEAN					131	1963
HIGHEST DAILY MEAN	9840	Apr 25	3570	Jan 28	40900	Apr 15 1979
LOWEST DAILY MEAN	18	Sep 11	21	Jul 10	5.3	Aug 20 1954
ANNUAL SEVEN-DAY MINIMUM	18	Sep 9	21	Jul 9-15	6.3	Sep 7 1954
INSTANTANEOUS PEAK FLOW			3680	Jan 27	46500	Apr 14 1979
INSTANTANEOUS PEAK STAGE			19.29	Jan 27	28.27	Apr 14 1979
INSTANTANEOUS LOW FLOW			21	Jul 9-15	4.9	Aug 20 1954
ANNUAL RUNOFF (CFSM)	1.13		.92		1.47	
ANNUAL RUNOFF (INCHES)	15.34		12.52		19.91	
10 PERCENT EXCEEDS	1490		1320		1840	
50 PERCENT EXCEEDS	153		144		178	
90 PERCENT EXCEEDS	30		31		27	

e Estimated

02484500 YOCKANOOKANY RIVER NEAR OFAHOMA, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	5.94	8.56	7.58	18.35	7.45	14.40	8.84	11.10	5.53	7.20	6.37
2	---	5.94	8.74	8.10	17.93	7.45	12.37	8.24	11.06	5.47	6.51	6.01
3	5.61	6.09	8.19	8.87	17.19	7.33	10.80	7.86	8.93	5.40	6.08	5.89
4	5.68	6.33	8.21	9.71	16.14	7.20	9.57	7.53	9.45	5.34	5.91	5.74
5	5.63	6.82	8.89	10.63	15.59	7.14	8.69	7.23	10.59	5.28	5.83	5.98
6	5.80	6.79	8.91	12.41	15.21	7.38	8.25	7.02	10.41	5.26	5.74	5.77
7	5.85	6.66	8.20	14.31	14.47	9.92	8.06	6.85	8.38	5.26	5.76	5.63
8	5.87	6.76	7.60	13.21	12.98	10.46	7.93	6.73	9.03	5.24	5.74	5.60
9	5.77	6.82	8.11	13.06	11.65	10.72	7.99	6.70	9.26	5.22	5.83	5.54
10	5.65	7.12	9.27	13.65	11.22	10.99	7.81	6.60	9.16	5.21	5.68	5.50
11	5.54	7.49	9.57	13.83	11.09	10.68	7.53	6.52	7.57	5.20	5.62	6.16
12	5.46	7.51	9.86	13.56	10.68	9.25	7.37	6.47	6.75	5.20	5.66	6.06
13	5.40	7.76	9.83	12.40	10.02	S8.36	8.46	6.39	6.56	5.20	5.60	5.63
14	5.42	8.17	8.83	11.97	9.35	8.04	9.62	6.33	6.86	5.20	5.54	5.50
15	5.45	7.77	7.94	12.66	8.81	7.76	12.52	6.29	6.34	5.20	5.48	5.42
16	5.42	7.13	7.82	13.18	8.41	7.52	13.25	6.23	6.35	5.22	5.47	5.43
17	5.40	6.77	8.51	12.52	8.19	7.40	13.99	6.16	6.63	5.40	5.45	5.39
18	5.38	6.54	12.43	11.05	8.01	7.41	13.99	6.11	6.29	5.58	5.40	5.35
19	5.36	6.36	16.50	10.80	7.88	8.57	12.89	6.06	6.06	5.57	5.34	5.34
20	5.36	6.22	17.50	10.31	8.15	8.95	11.13	6.00	5.93	5.40	5.30	5.34
21	5.32	6.14	17.97	10.49	8.26	9.75	10.73	5.94	5.82	5.31	5.28	5.34
22	5.31	6.10	18.02	11.03	8.72	10.86	9.91	5.89	5.74	5.27	5.27	5.33
23	5.30	6.07	17.50	10.98	8.82	11.43	13.15	5.84	5.68	5.30	5.26	5.34
24	5.30	6.23	16.69	12.44	8.51	10.40	14.89	5.79	5.62	5.28	5.26	5.92
25	5.27	6.17	15.37	12.58	8.13	11.01	15.87	5.71	5.59	5.28	5.26	6.09
26	5.27	6.65	13.04	13.66	7.86	12.07	16.35	5.70	5.59	5.31	5.62	5.74
27	5.36	7.05	10.27	18.53	7.64	12.44	16.25	5.69	5.54	5.44	5.47	5.54
28	5.50	6.91	8.79	19.15	7.51	13.94	15.33	5.82	5.49	5.94	5.45	5.55
29	5.49	7.31	8.12	18.79	7.43	15.45	13.56	7.09	5.49	6.26	6.45	5.49
30	5.49	7.80	7.78	18.42	---	15.66	10.73	7.71	5.60	7.37	6.57	5.56
31	5.88	---	7.60	18.39	---	15.23	---	9.29	---	7.45	6.93	---
MEAN	---	6.78	10.79	12.85	10.83	9.94	11.45	6.67	7.30	5.50	5.74	5.65
MAX	---	8.17	18.02	19.15	18.35	15.66	16.35	9.29	11.10	7.45	7.20	6.37
MIN	---	5.94	7.60	7.58	7.43	7.14	7.37	5.69	5.49	5.20	5.26	5.33

02485700 HANGING MOSS CREEK AT JACKSON, MS

LOCATION.--Lat 32°21'57", long 90°08'57", in NE1/4 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 mi^2.

PERIOD OF RECORD.--October 1952 to September 1980 (annual maximums only). October 1980 to current year. Daily mean gage heights published since October 1980.

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

GAGE.--Water-stage recorder. Datum of gage is 260.00 ft above sea level. Prior to May 31, 1961, at datum 72.23 ft lower. From June 1, 1961 to July 10, 1980, at datum 1.33 ft higher. Prior to July 11, 1980, 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 discharge: Jan. 27 - Feb. 17, due to backwater from Pearl River. Records good except for estimated daily discharge, which is poor. Statistics shown below are for water years 1981 to curent year, except for instantaneous extremes, which are shown for the entire period of record at the present datum. Telemeter and satellite telemeter at station.

1 DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	3.0	.26	14	e35	2.9	36	.70	4.4	.37	7.3	.56
2	6.5	7.3	.53	11	e13	2.7	15	.41	1.5	.11	9.3	.37
3	196	25	.64	4.1	e8.0	2.5	9.7	.99	.74	.04	15	.25
4	7.7	2.1	.75	2.0	e7.0	2.1	5.5	1.0	.65	.04	12	19
5	2.4	.50	1.1	4.1	e6.2	11	3.3	1.2	.66	.06	1.7	4.7
6	.62	1.6	1.6	186	e5.6	147	19	1.3	.63	.06	4.2	.40
7	.34	41	1.2	25	e5.2	226	7.6	1.3	.64	.08	2.5	.24
8	.24	2.6	22	5.9	e4.9	20	4.2	1.4	1.0	1.5	8.6	.19
9	.21	.84	35	4.5	e4.5	7.3	3.4	2.2	1.0	106	5.2	.20
10	.23	102	1.3	3.5	e4.3	4.7	1.7	1.4	.89	40	.57	.22
11	.24	112	.68	23	e4.1	4.0	1.1	11	.96	.56	.32	.19
12	.23	4.0	.33	20	e3.9	3.4	.84	1.6	1.0	.10	6.1	.21
13	.27	3.5	.17	6.6	e3.7	2.8	141	1.1	81	.06	1.6	.17
14	90	2.9	1.6	4.8	e3.6	1.6	234	.98	82	30	.39	.14
15	2.4	.70	1.7	3.9	e3.5	1.7	96	.87	2.4	13	.26	2.2
16	.54	.25	27	3.7	e3.4	1.5	18	.79	.25	1.2	.24	.88
17	.38	.30	156	3.5	e3.3	1.0	8.1	.72	.07	18	.23	.43
18	.27	.73	671	47	3.2	64	4.6	.67	.59	3.0	32	.35
19	.30	1.1	53	20	22	38	3.4	.64	.50	.26	12	.23
20	.30	1.2	237	7.6	13	9.4	2.7	.61	.18	.16	.78	.19
21	.27	.98	96	8.4	7.1	5.0	2.7	.57	.72	.08	.31	.38
22	.36	1.0	20	5.9	6.1	3.2	57	.56	3.5	.06	.20	.26
23	.36	2.8	.44	19	5.2	2.2	234	.54	.09	1.0	.16	.21
24	.31	2.0	.28	215	4.1	5.0	12	.53	.39	.14	.14	.17
25	.26	1.3	.22	27	3.2	339	4.5	.61	.91	.12	3.3	.17
26	.27	1.1	.17	1250	3.0	49	11	.70	.54	6.0	1.9	.11
27	12	1.2	.14	e110	3.0	41	3.5	.53	.08	85	13	6.9
28	3.1	32	.14	e10	5.0	20	1.7	2.2	.03	93	8.7	57
29	.15	2.9	.11	e5.6	3.7	12	8.2	.76	.03	11	47	.44
30	.12	.58	.11	e150	---	68	2.1	.60	.04	84	15	.18
31	.81	---	.35	e25	---	464	---	.53	---	42	1.9	---
TOTAL	330.38	358.48	1330.82	2226.1	197.8	1562.0	951.84	39.01	187.39	537.00	211.90	96.94
MEAN	10.7	11.9	42.9	71.8	6.82	50.4	31.7	1.26	6.25	17.3	6.84	3.23
MAX	196	112	671	1250	35	464	234	11	82	106	47	57
MIN	.12	.25	.11	2.0	3.0	1.0	.84	.41	.03	.04	.14	.11
CFSM	.63	.71	2.56	4.27	.41	3.00	1.89	.07	.37	1.03	.41	.19
IN.	.73	.79	2.95	4.93	.44	3.46	2.11	.09	.41	1.19	.47	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1996, BY WATER YEAR (WY)

MEAN	11.5	25.6	36.2	42.8	46.7	38.8	43.4	16.5	10.0	12.0	9.10	4.27
MAX	57.3	95.6	201	146	142	71.4	159	49.5	33.4	35.9	31.1	12.2
(WY)	1986	1990	1983	1994	1994	1983	1983	1990	1989	1989	1982	1989
MIN	.46	3.29	1.59	1.47	6.09	14.6	1.13	1.17	1.55	1.48	.98	.59
(WY)	1990	1981	1981	1981	1995	1992	1992	1982	1995	1987	1991	1993

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1981 - 1996	
ANNUAL TOTAL	8992.90		8029.66			
ANNUAL MEAN	24.6		21.9		24.6	
HIGHEST ANNUAL MEAN					57.5	1983
LOWEST ANNUAL MEAN					11.1	1981
HIGHEST DAILY MEAN	1500	Apr 23	1250	Jan 26	1780	Dec 4 1982
LOWEST DAILY MEAN	.11	Dec 29	.03	Jun 28	.01	Sep 19 1988
ANNUAL SEVEN-DAY MINIMUM	.17	Dec 24	.09	Jun 28	.09	Jun 28 1996
INSTANTANEOUS PEAK FLOW			3880	Jan 26	5320	Apr 29 1953
INSTANTANEOUS PEAK STAGE			18.20	Jan 26	27.37	Apr 29 1953
INSTANTANEOUS LOW FLOW			.02	Sep 27	.01	Nov 16 1987
ANNUAL RUNOFF (CFSM)	1.47		1.31		1.47	
ANNUAL RUNOFF (INCHES)	19.91		17.78		19.91	
10 PERCENT EXCEEDS	37		41		38	
50 PERCENT EXCEEDS	1.3		2.1		2.4	
90 PERCENT EXCEEDS	.20		.19		.35	

e Estimated

02485700 HANGING MOSS CREEK AT JACKSON, MS

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.69	8.61	8.70	8.99	12.51	8.76	9.17	8.66	8.85	8.43	8.86	8.41
2	8.74	8.84	8.79	9.07	13.27	8.74	8.99	8.60	8.91	8.44	8.90	8.35
3	9.85	9.13	8.83	8.92	12.70	8.74	8.91	8.72	8.82	8.36	8.88	8.31
4	8.83	8.74	8.86	8.81	11.44	8.72	8.80	8.74	8.80	8.37	8.92	8.61
5	8.64	8.55	8.91	8.86	10.58	8.83	8.71	8.76	8.80	8.39	8.60	8.65
6	8.46	8.71	8.94	9.95	9.04	9.60	9.02	8.79	8.79	8.39	8.64	8.37
7	8.39	9.21	8.90	9.18	8.99	10.05	8.86	8.80	8.79	8.42	8.63	8.30
8	8.36	8.80	9.02	8.95	8.95	9.07	8.76	8.81	8.84	8.52	8.65	8.28
9	8.34	8.67	9.30	8.90	8.89	8.90	8.72	8.86	8.85	9.25	8.72	8.29
10	8.35	9.34	8.89	8.85	8.86	8.83	8.62	8.83	8.82	9.18	8.43	8.29
11	8.36	9.62	8.80	9.06	8.85	8.81	8.55	9.03	8.83	8.60	8.35	8.28
12	8.36	8.90	8.69	9.11	8.80	8.78	8.53	8.87	8.83	8.41	8.56	8.29
13	8.36	8.81	8.62	8.94	8.79	8.75	9.73	8.83	9.33	8.35	8.53	8.27
14	9.40	8.87	8.89	8.88	8.78	8.65	9.91	8.82	9.52	8.80	8.35	8.24
15	8.64	8.69	8.91	8.84	8.78	8.66	9.54	8.81	8.90	8.99	8.31	8.40
16	8.47	8.57	9.24	8.83	8.76	8.64	9.04	8.80	8.61	8.66	8.29	8.46
17	8.43	8.60	9.59	8.82	8.76	8.59	8.91	8.80	8.48	8.72	8.29	8.38
18	8.39	8.72	11.54	9.24	8.74	9.34	8.83	8.80	8.53	8.76	8.63	8.35
19	8.40	8.78	9.39	9.08	8.99	9.20	8.79	8.80	8.65	8.48	8.80	8.30
20	8.41	8.81	10.19	8.92	8.97	8.92	8.75	8.80	8.54	8.41	8.44	8.28
21	8.40	8.79	9.66	8.93	8.88	8.82	8.75	8.80	8.72	8.32	8.33	8.35
22	8.43	8.80	9.08	8.86	8.86	8.75	8.92	8.81	8.61	8.29	8.28	8.32
23	8.43	8.91	8.66	8.88	8.83	8.69	10.07	8.81	8.46	8.55	8.25	8.29
24	8.42	8.91	8.61	9.97	8.80	8.70	9.03	8.82	8.45	8.37	8.23	8.28
25	8.40	8.86	8.57	9.06	8.76	10.39	8.88	8.83	8.59	8.34	8.37	8.27
26	8.41	8.84	8.54	12.65	8.75	9.27	9.01	8.84	8.65	8.49	8.53	8.21
27	8.71	8.87	8.51	10.38	8.75	9.22	8.85	8.80	8.45	9.31	8.48	8.49
28	8.68	9.25	8.50	11.83	8.84	9.05	8.75	8.88	8.36	9.53	8.72	9.12
29	8.34	8.97	8.47	12.69	8.79	8.95	8.93	8.84	8.35	8.94	9.12	8.37
30	8.33	8.79	8.46	12.94	---	9.40	8.80	8.81	8.36	9.23	8.88	8.28
31	8.52	---	8.59	12.85	---	10.77	---	8.79	---	9.18	8.56	---
MEAN	8.55	8.87	8.99	9.65	9.40	9.05	8.97	8.81	8.72	8.66	8.57	8.37
MAX	9.85	9.62	11.54	12.94	13.27	10.77	10.07	9.03	9.52	9.53	9.12	9.12
MIN	8.33	8.55	8.46	8.81	8.74	8.59	8.53	8.60	8.35	8.29	8.23	8.21

02486000 PEARL RIVER AT JACKSON, MS

LOCATION.--Lat 32°16'54", long 90°10'43", in NE1/4 NE1/4 sec.15, T.5 N., R.1 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on left bank at downstream side of bridge on U.S. Highway 80 at eastern city limits of Jackson, 0.4 mi downstream from Illinois Central and Gulf Railroad bridge, 0.4 mi downstream from Town Creek, 4.2 mi upstream from Richland Creek, and at mile 287.0.

DRAINAGE AREA.--3,171 mi^2.

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 sea level. 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 sea level.

REMARKS.--No estimated daily discharges. Records good. About 48 ft^3/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 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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	311	381	3900	3580	31400	1920	14000	2970	409	321	425	737
2	307	380	2440	3550	33100	1480	12300	1470	530	326	583	755
3	2980	557	1640	3330	32800	1050	10700	854	379	316	417	753
4	1520	393	1890	4390	29300	1280	9110	931	362	317	485	710
5	3680	348	3710	4550	26800	1320	7360	1980	359	318	496	500
6	2860	394	5610	5780	23200	3450	6160	1710	351	311	529	437
7	1900	2080	4720	6980	19400	10300	5010	1370	352	316	484	425
8	1100	2890	3570	6850	16200	13900	3760	1050	357	350	661	426
9	764	2090	4490	6950	14000	13400	2380	567	358	855	466	422
10	391	2390	5420	6440	12200	12500	1120	502	351	1600	385	415
11	466	5800	6430	5990	10500	11800	501	596	345	383	380	414
12	451	5770	6280	5750	8740	11200	456	499	338	330	478	413
13	349	6350	5470	6140	7440	9900	2980	457	559	314	413	411
14	2630	6420	4380	6580	6530	8090	5070	444	1010	658	375	415
15	3870	5140	3550	6610	5370	6440	9410	434	510	600	368	428
16	1060	3370	3490	6000	4120	5440	11700	422	376	395	372	437
17	396	2960	4880	5620	2900	5330	13000	418	355	347	375	422
18	359	2770	11100	5470	1880	5850	12200	410	355	409	408	409
19	350	2700	17700	5470	1320	6830	10700	402	549	321	570	411
20	338	2900	23200	5510	1160	6330	8820	396	349	315	397	415
21	338	3440	24100	5860	1680	5280	7050	395	351	309	377	434
22	334	2380	22900	5270	2070	5000	5940	390	357	312	368	414
23	330	1830	20700	4390	2330	4180	6450	394	389	328	363	409
24	326	1870	19200	6850	1970	3460	3930	387	344	310	368	405
25	325	2210	16900	7470	1930	6810	4410	382	357	324	382	403
26	329	2170	14500	11200	1650	9500	5450	382	361	373	427	397
27	388	1720	12900	22200	1880	12900	7280	373	341	614	408	504
28	500	2210	11000	27400	2580	13500	6710	387	330	1410	597	1000
29	349	3680	8620	30600	2550	12600	5720	389	329	523	871	471
30	337	4900	6010	32500	---	12600	4760	373	327	542	819	413
31	333	---	4100	32800	---	14300	---	369	---	749	510	---
TOTAL	29971	82493	284800	298080	307000	237940	204437	22103	12040	14896	14557	14605
MEAN	967	2750	9187	9615	10590	7675	6815	713	401	481	470	487
MAX	3870	6420	24100	32800	33100	14300	14000	2970	1010	1600	871	1000
MIN	307	348	1640	3330	1160	1050	456	369	327	309	363	397
CFSM	.30	.87	2.90	3.03	3.34	2.42	2.15	.22	.13	.15	.15	.15
IN.	.35	.97	3.34	3.50	3.60	2.79	2.40	.26	.14	.17	.17	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1996, BY WATER YEAR (WY)

MEAN	1028	2084	6039	8598	8900	9525	9709	4960	1403	1085	937	759
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1962 - 1996	
ANNUAL TOTAL	1465308		1522922			
ANNUAL MEAN	4015		4161		4565	
HIGHEST ANNUAL MEAN					12000	1983
LOWEST ANNUAL MEAN					942	1963
HIGHEST DAILY MEAN	41200	Apr 24	33100	Feb 2	126000	Apr 17 1979
LOWEST DAILY MEAN	265	Jul 26	307	Oct 2	45	Sep 18 1963
ANNUAL SEVEN-DAY MINIMUM	295	Jul 22	317	Jul 19	63	Sep 17 1963
INSTANTANEOUS PEAK FLOW			34100	Jan 30	128000	Apr 17 1979
INSTANTANEOUS PEAK STAGE			33.01	Jan 30	43.28	Apr 17 1979
ANNUAL RUNOFF (CFSM)	1.27		1.31		1.44	
ANNUAL RUNOFF (INCHES)	17.19		17.87		19.56	
10 PERCENT EXCEEDS	11400		11900		13200	
50 PERCENT EXCEEDS	1710		1320		1290	
90 PERCENT EXCEEDS	307		349		256	

02486000 PEARL RIVER AT JACKSON, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.17	4.43	12.36	11.74	32.38	8.20	25.56	10.47	4.60	4.24	4.44	5.25
2	4.15	4.42	9.38	11.67	32.78	7.10	24.34	7.30	5.02	4.25	4.97	5.30
3	10.43	5.04	7.52	11.24	32.72	5.99	23.10	6.02	4.50	4.22	4.40	5.29
4	7.37	4.47	8.08	13.31	31.84	6.62	21.47	6.14	4.43	4.22	4.63	5.15
5	11.94	4.31	11.81	13.59	31.15	6.71	19.15	8.36	4.42	4.22	4.64	4.46
6	10.27	4.45	15.24	15.82	29.91	11.35	17.17	7.78	4.39	4.20	4.75	4.24
7	8.18	8.54	13.53	17.96	28.37	22.19	15.24	7.11	4.39	4.22	4.60	4.20
8	6.51	10.34	11.22	17.74	26.79	25.34	13.02	6.44	4.41	4.33	5.05	4.20
9	5.67	8.59	12.86	17.90	25.44	25.02	10.27	5.15	4.41	5.60	4.53	4.19
10	4.47	9.15	14.42	17.00	24.10	24.28	7.33	4.93	4.39	7.51	4.24	4.16
11	4.72	15.83	16.12	16.18	22.51	23.77	5.52	5.24	4.36	4.45	4.22	4.16
12	4.67	15.77	15.82	15.74	20.54	23.22	5.35	4.92	4.33	4.26	4.54	4.15
13	4.31	16.82	14.46	16.45	18.72	21.91	11.39	4.78	4.99	4.20	4.32	4.15
14	9.61	16.91	12.57	17.25	17.16	19.67	15.25	4.73	6.28	5.15	4.18	4.16
15	12.28	14.48	11.10	17.29	15.07	16.99	21.82	4.70	4.93	5.17	4.14	4.21
16	6.31	10.99	11.09	16.19	12.78	15.20	23.85	4.66	4.47	4.49	4.15	4.24
17	4.48	10.02	13.79	15.52	10.35	15.00	24.71	4.64	4.39	4.31	4.15	4.19
18	4.35	9.47	22.48	15.25	8.08	15.92	24.05	4.61	4.38	4.54	4.26	4.14
19	4.32	9.16	27.43	15.25	6.71	17.69	22.75	4.59	5.05	4.21	4.80	4.15
20	4.27	9.42	29.84	15.32	6.30	16.79	20.64	4.56	4.36	4.17	4.22	4.16
21	4.27	10.46	30.25	15.94	7.61	14.92	18.05	4.56	4.37	4.14	4.14	4.23
22	4.26	8.38	29.80	14.89	8.55	14.41	16.08	4.54	4.39	4.15	4.09	4.16
23	4.24	7.21	28.97	13.30	9.13	12.89	17.01	4.56	4.51	4.20	4.07	4.14
24	4.23	7.43	28.31	17.72	8.32	11.50	12.42	4.53	4.34	4.12	4.08	4.13
25	4.22	8.32	27.18	18.78	8.22	17.53	13.34	4.51	4.38	4.17	4.12	4.12
26	4.23	8.34	25.80	22.49	7.56	21.41	15.22	4.51	4.40	4.33	4.28	4.10
27	4.44	7.38	24.62	29.51	8.08	24.62	18.47	4.48	4.32	5.02	4.20	4.46
28	4.84	8.58	23.03	31.30	9.69	25.10	17.47	4.53	4.28	7.11	4.83	5.91
29	4.31	11.83	20.35	32.17	9.60	24.37	15.70	4.54	4.28	4.79	5.57	4.36
30	4.27	14.21	16.22	32.64	---	24.40	13.96	4.48	4.27	4.77	5.48	4.16
31	4.25	---	12.73	32.71	---	25.66	---	4.47	---	5.44	4.53	---
MEAN	5.81	9.49	18.01	18.38	17.60	17.61	16.99	5.38	4.53	4.65	4.47	4.40
MAX	12.28	16.91	30.25	32.71	32.78	25.66	25.56	10.47	6.28	7.51	5.57	5.91
MIN	4.15	4.31	7.52	11.24	6.30	5.99	5.35	4.47	4.27	4.12	4.07	4.10

02487500 STRONG RIVER AT D'LO, MS

LOCATION.--Lat 31°58'42", long 89°53'53", in SW1/4 sec.28, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on left bank at downstream side of bridge on U.S. Highway 49, 460 ft upstream from Illinois Central Railroad bridge, 0.2 mi south of D'Lo, 1,500 ft downstream from Sellers Creek, 1.6 mi upstream from Dabbs Creek, and 2 mi northwest of Mendenhall.

DRAINAGE AREA.--425 mi^2.

PERIOD OF RECORD.--August 1928 to September 1970; Oct. 1970 to Sept. 1993 (annual peaks only), Oct. 1993 to current year. Monthly discharge only for some periods, published in WSP 1304.

REVISED RECORDS.--WSP 697: 1929. WSP 872: Drainage area. WSP 1504: 1932-34, 1938, 1949-50(M). WDR MS-80-1: Drainage Area.

GAGE.--Water-stage recorder. Datum of gage is 257.99 ft above sea level (U. S. Army Corps of Engineers bench mark). Prior to Oct. 19, 1938, nonrecording gage at site 700 ft upstream at datum 500 ft higher.

REMARKS.--No estimated daily discharges. Records good. Statistics shown below are for water years 1929 to 1970 and 1994 through the current year, except instantaneous extremes which are shown for the entire period of record. Satellite telemeter and National Weather Service telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 19	2245	5,900	20.36	Mar. 8	2115	*7,830	*23.27
Jan. 28	0415	5,310	19.13	Apr. 16	0900	5,110	18.70

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	51	62	197	1090	175	1960	253	58	45	61	315
2	41	60	61	1370	2760	161	2020	210	64	43	63	165
3	161	97	61	2310	4420	150	1290	181	66	41	69	124
4	484	92	89	1590	3370	139	574	159	61	39	68	81
5	454	92	192	765	2650	133	438	148	59	38	85	67
6	285	102	804	471	1060	1180	433	139	56	37	70	59
7	158	126	563	557	671	4960	412	124	54	37	73	55
8	103	148	449	735	596	7340	338	112	75	42	125	51
9	78	145	1260	556	526	7360	291	103	59	40	119	49
10	65	181	1200	379	459	5030	259	96	55	41	115	46
11	57	486	1060	327	405	1190	234	97	54	38	66	43
12	53	827	522	497	351	614	213	100	51	36	54	43
13	50	771	284	636	301	491	1010	92	67	35	49	40
14	57	389	218	563	271	418	1930	88	340	36	45	38
15	52	213	180	385	256	369	4220	83	222	49	42	36
16	48	156	291	310	239	342	4880	77	135	70	41	40
17	47	124	484	267	216	378	3160	73	82	71	45	53
18	46	106	3410	253	208	655	1840	68	65	55	44	49
19	47	91	5590	420	216	1500	660	65	208	51	39	44
20	45	81	5510	509	281	1560	478	62	93	49	41	41
21	43	73	4500	449	275	1060	390	60	81	44	37	44
22	40	66	2680	333	259	541	321	58	91	40	34	45
23	40	62	660	300	235	396	1290	57	64	37	33	39
24	40	72	440	1180	209	326	1590	57	69	37	32	36
25	39	77	355	2000	188	1660	893	53	77	43	32	34
26	39	68	302	2160	172	3840	809	53	58	40	492	34
27	42	62	266	4750	160	3580	1080	50	53	44	200	38
28	59	64	239	5040	164	3250	552	50	51	50	104	64
29	48	62	216	3960	180	2160	360	90	48	80	198	64
30	47	62	201	2930	---	1340	289	91	46	58	480	54
31	50	---	189	991	---	1670	---	68	---	45	387	---
TOTAL	2860	5006	32338	37190	22188	53968	34214	3017	2562	1411	3343	1891
MEAN	92.3	167	1043	1200	765	1741	1140	97.3	85.4	45.5	108	63.0
MAX	484	827	5590	5040	4420	7360	4880	253	340	80	492	315
MIN	39	51	61	197	160	133	213	50	46	35	32	34
CFSM	.22	.39	2.45	2.82	1.80	4.10	2.68	.23	.20	.11	.25	.15
IN.	.25	.44	2.83	3.26	1.94	4.72	2.99	.26	.22	.12	.29	.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 1996, BY WATER YEAR (WY)

MEAN	97.1	316	525	943	1206	1230	1030	514	175	267	126	94.6
MAX	843	2214	3150	3321	2747	2758	3909	2695	669	2853	508	450
(WY)	1965	1949	1933	1937	1950	1935	1938	1953	1961	1940	1938	1958
MIN	17.8	23.7	65.3	63.5	223	175	94.9	36.7	46.2	30.9	29.2	20.3
(WY)	1964	1937	1934	1934	1957	1955	1963	1963	1960	1937	1943	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1929 - 1996	
ANNUAL TOTAL	176887		199988			
ANNUAL MEAN	485		546		540	
HIGHEST ANNUAL MEAN					1090	1949
LOWEST ANNUAL MEAN					198	1952
HIGHEST DAILY MEAN	9750	Apr 24	7360	Mar 9	20900	Jan 7 1950
LOWEST DAILY MEAN	31	Sep 8	32	Aug 24	16	Sep 2 1954
ANNUAL SEVEN-DAY MINIMUM	32	Sep 6	35	Aug 19	16	Oct 18 1963
INSTANTANEOUS PEAK FLOW			7830	Mar 8	26400	Apr 7 1983
INSTANTANEOUS PEAK STAGE			23.27	Mar 8	33.48	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.14		1.29		1.27	
ANNUAL RUNOFF (INCHES)	15.48		17.50		17.27	
10 PERCENT EXCEEDS	1050		1520		1440	
50 PERCENT EXCEEDS	152		124		122	
90 PERCENT EXCEEDS	44		41		33	

02488000 PEARL RIVER AT ROCKPORT, MS

LOCATION.--Lat 31°47'25", long 90°08'35", in SW1/4 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 mi^2.

PERIOD OF RECORD.--October 1938 to September 1951, (monthly discharge only prior to June 1939), October 1984 to current year. Daily mean gage heights published since October 1984.

GAGE.--Water-stage recorder. Datum of gage is 180.19 ft above sea level.

REMARKS.--No estimated daily discharges: Records good. Flow regulated since September 27, 1961 by Ross R. Barnett Reservoir, 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 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 20	0015	27,900	25.53	Mar. 28	1345	19,300	21.03
Feb. 4	1400	*40,900	*30.10	Apr. 16	1530	21,800	22.37
Mar. 10	0145	24,400	23.75				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	574	583	4870	6220	30400	3720	19200	7530	838	722	1340	1790
2	568	599	4830	8200	34900	3100	19300	5740	1540	699	1590	1340
3	783	690	3590	9480	39600	2640	18500	3790	2160	680	1660	1280
4	4020	1200	2550	7900	40700	1930	16300	2490	1640	662	1280	1210
5	3730	1110	2070	7180	39400	1830	14000	2090	1100	634	987	1130
6	4210	873	3130	6710	36700	2730	12100	2440	874	620	1040	1010
7	3940	802	5970	8130	32900	16900	10400	2970	806	622	1260	818
8	2950	2150	5980	9440	29600	22800	8470	2660	833	620	1480	712
9	2080	3630	5630	9310	26300	24000	6960	2330	846	650	1430	674
10	1490	3060	7090	9020	22700	24200	5310	1920	775	701	1280	658
11	1130	3690	7030	8460	19000	21200	3680	1470	739	1770	1140	637
12	805	7010	7150	8120	15700	16600	2550	1360	728	1460	888	625
13	783	7460	7020	8000	13000	14800	4170	1430	710	847	769	611
14	791	7330	6440	8160	10900	13500	9500	1320	1060	701	794	607
15	1440	7170	5610	8270	9410	11800	18600	1210	3030	826	799	605
16	4190	6380	4720	8300	7860	9680	21600	1140	2190	1430	706	608
17	2720	4660	4850	7870	6290	8150	21100	1100	1270	1370	648	636
18	1260	3540	16600	7440	4740	7940	19000	1070	929	1080	632	661
19	763	3140	27300	7370	3510	11100	16800	1030	1230	917	634	630
20	645	2960	27800	7760	2740	12300	14900	986	1690	853	680	605
21	598	2900	27000	7540	2680	10800	13100	945	1540	733	802	684
22	570	3010	26300	7520	2520	8690	10900	903	1060	683	730	870
23	554	2830	25100	7190	3110	7460	10900	874	1040	639	634	693
24	546	2110	23700	8380	3460	6460	13200	849	1020	635	598	615
25	536	1910	22500	12400	3150	7350	9450	838	1390	645	583	584
26	518	1990	21200	12700	2940	15400	7530	818	1790	632	607	579
27	533	2120	19300	22900	2650	18500	9560	796	1470	649	913	573
28	567	2180	17000	26300	2610	19200	10500	785	979	794	965	617
29	719	2180	14700	27400	3320	19000	9980	879	822	1250	828	973
30	745	3840	12200	28300	---	18400	8690	990	758	1660	1090	1270
31	621	---	9010	29200	---	18800	---	929	---	1250	2080	---
TOTAL	45379	93107	378240	351170	452790	380980	366250	55682	36857	27434	30867	24305
MEAN	1464	3104	12200	11330	15610	12290	12210	1796	1229	885	996	810
MAX	4210	7460	27800	29200	40700	24200	21600	7530	3030	1770	2080	1790
MIN	518	583	2070	6220	2520	1830	2550	785	710	620	583	573
CFSM	.32	.68	2.68	2.49	3.43	2.70	2.68	.39	.27	.19	.22	.18
IN.	.37	.76	3.09	2.87	3.70	3.11	2.99	.45	.30	.22	.25	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1996, BY WATER YEAR (WY)

MEAN	1217	4028	6256	10660	14720	12040	9998	6563	3160	2013	1362	918
MAX	2885	6762	12200	32180	38420	24140	30040	31840	10180	7113	3272	2422
(WY)	1986	1994	1996	1990	1990	1987	1991	1991	1989	1989	1992	1992
MIN	428	594	848	1424	2741	5841	1215	747	503	598	538	497
(WY)	1991	1991	1988	1986	1986	1992	1986	1992	1988	1988	1986	1986

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1985 - 1996	
ANNUAL TOTAL	2134829		2243061			
ANNUAL MEAN	5849		6129		6138	
HIGHEST ANNUAL MEAN					9752	1990
LOWEST ANNUAL MEAN					2418	1988
HIGHEST DAILY MEAN	43600	Apr 27	40700	Feb 4	64500	May 5 1991
LOWEST DAILY MEAN	518	Oct 26	518	Oct 26	319	Sep 27 1988
ANNUAL SEVEN-DAY MINIMUM	546	Oct 22	546	Oct 22	329	Sep 24 1988
INSTANTANEOUS PEAK FLOW			40900	Feb 4	65000	May 5 1991
INSTANTANEOUS PEAK STAGE			30.10	Feb 4	35.66	May 5 1991
INSTANTANEOUS LOW FLOW			516	Oct 26	267	Oct 25 1943
ANNUAL RUNOFF (CFSM)	1.28		1.35		1.35	
ANNUAL RUNOFF (INCHES)	17.43		18.31		18.30	
10 PERCENT EXCEEDS	17300		18900		17100	
50 PERCENT EXCEEDS	2670		2180		2360	
90 PERCENT EXCEEDS	643		635		572	

02488000 PEARL RIVER AT ROCKPORT, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.13	5.16	10.81	12.05	26.72	9.64	20.93	13.17	5.68	5.45	6.47	7.04
2	5.12	5.19	10.77	13.69	28.28	8.93	20.98	11.61	6.81	5.40	6.87	6.36
3	5.54	5.39	9.49	14.69	29.73	8.39	20.55	9.69	7.76	5.37	6.96	6.26
4	9.91	6.34	8.27	13.47	30.05	7.45	19.24	8.19	7.03	5.33	6.36	6.15
5	9.64	6.19	7.64	12.88	29.66	7.31	17.84	7.67	6.16	5.27	5.85	6.01
6	10.14	5.75	8.92	12.48	28.84	8.41	16.55	8.13	5.75	5.24	5.94	5.82
7	9.86	5.61	11.83	13.65	27.65	19.40	15.38	8.78	5.62	5.24	6.31	5.45
8	8.75	7.62	11.84	14.66	26.32	22.92	13.92	8.41	5.68	5.24	6.66	5.25
9	7.66	9.53	11.52	14.57	24.72	23.57	12.69	7.99	5.70	5.30	6.58	5.17
10	6.81	8.89	12.80	14.35	22.88	23.65	11.22	7.44	5.56	5.41	6.33	5.14
11	6.21	9.56	12.76	13.92	20.83	22.07	9.58	6.77	5.49	7.19	6.10	5.10
12	5.62	12.73	12.86	13.64	18.89	19.43	8.26	6.60	5.47	6.74	5.63	5.08
13	5.58	13.11	12.74	13.55	17.19	18.30	9.92	6.71	5.43	5.70	5.40	5.06
14	5.59	13.01	12.25	13.68	15.76	17.48	14.70	6.53	6.03	5.41	5.44	5.05
15	6.56	12.88	11.51	13.77	14.64	16.34	20.55	6.36	8.86	5.66	5.45	5.05
16	10.12	12.19	10.66	13.79	13.43	14.84	22.28	6.24	7.79	6.70	5.25	5.06
17	8.45	10.59	10.79	13.45	12.11	13.67	21.98	6.17	6.45	6.60	5.13	5.12
18	6.42	9.44	19.14	13.10	10.68	13.50	20.80	6.12	5.86	6.12	5.08	5.19
19	5.53	8.98	25.23	13.04	9.40	15.86	19.56	6.04	6.37	5.82	5.08	5.12
20	5.29	8.78	25.47	13.36	8.50	16.69	18.39	5.96	7.11	5.68	5.17	5.07
21	5.19	8.70	25.06	13.18	8.44	15.69	17.21	5.89	6.88	5.44	5.42	5.24
22	5.12	8.84	24.74	13.16	8.24	14.09	15.71	5.81	6.09	5.33	5.27	5.62
23	5.09	8.62	24.09	12.89	8.95	13.11	15.72	5.75	6.06	5.24	5.06	5.27
24	5.07	7.70	23.38	13.81	9.35	12.27	17.29	5.71	6.02	5.22	4.98	5.10
25	5.05	7.42	22.77	16.75	9.00	12.94	14.66	5.68	6.64	5.24	4.94	5.05
26	5.01	7.53	22.05	16.97	8.75	18.66	13.17	5.65	7.25	5.20	4.99	5.04
27	5.04	7.72	21.00	22.95	8.40	20.52	14.75	5.60	6.76	5.24	5.59	5.03
28	5.12	7.80	19.67	24.72	8.35	20.96	15.41	5.58	5.95	5.53	5.69	5.13
29	5.44	7.78	18.26	25.29	9.19	20.83	15.07	5.76	5.65	6.32	5.44	5.83
30	5.50	9.75	16.62	25.72	---	20.48	14.09	5.97	5.53	6.98	5.93	6.36
31	5.24	---	14.33	26.17	---	20.73	---	5.86	---	6.33	7.42	---
MEAN	6.48	8.63	15.78	15.59	17.07	16.07	16.28	7.03	6.31	5.71	5.77	5.44
MAX	10.14	13.11	25.47	26.17	30.05	23.65	22.28	13.17	8.86	7.19	7.42	7.04
MIN	5.01	5.16	7.64	12.05	8.24	7.31	8.26	5.58	5.43	5.20	4.94	5.03

02488500 PEARL RIVER NEAR MONTICELLO, MS

LOCATION.--Lat 31°33'12", long 90°05'16", in SW1/4 sec.23, T.7 N., R.21 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, near left bank on downstream side of pier of bridge on U.S. Highway 84, 1.0 mi east of Monticello, 2.5 mi upstream from Halls Creek, 4.1 mi upstream from Silver Creek and at mile 190.8.

DRAINAGE AREA.--4,993 mi^2.

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 sea level (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 ft^3/s, from rating curve extended above 70,000 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 22,000 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 20	1445	30,300	22.55	Apr. 16	1630	23,700	20.01
Feb. 5	0130	*40,300	*25.37				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	716	803	4440	7980	30200	3780	20700	7230	984	869	2210	2080
2	730	830	4990	7890	33200	3520	20500	5590	1110	834	2010	1520
3	899	956	4010	10500	38100	2970	20000	3780	2380	806	1810	1320
4	2300	1180	2860	9510	39700	2420	18400	2570	2070	788	1480	1260
5	4150	1450	2110	7870	40100	1980	15700	2000	1510	763	1180	1180
6	3770	1190	2640	7260	39400	3170	13500	1930	1120	743	1460	1100
7	4190	1030	5710	7640	37600	13200	11400	2550	982	728	1520	1040
8	3450	1290	6560	9350	34800	22800	9080	2380	1060	729	1620	882
9	2560	3370	6050	9710	31500	24600	7180	2070	1050	734	1770	779
10	1880	3470	7360	9440	28100	25300	5450	1790	963	776	1570	737
11	1490	3410	7440	8940	24200	24900	3890	1420	902	996	1380	702
12	1140	6350	7360	8490	19800	21500	2710	1270	867	1750	1010	681
13	938	7800	7290	8240	15800	17300	4830	1270	877	1200	867	679
14	1040	7640	6590	8280	12600	15100	10100	1240	1080	925	832	670
15	968	7490	5600	8380	10500	13200	20300	1120	2470	878	869	667
16	2930	6880	4590	8450	8870	11000	23500	1070	2920	1350	768	683
17	3580	5270	4750	8170	7250	8910	23400	1030	1870	1720	711	697
18	2040	3810	13300	7610	5620	8140	22000	1010	1280	1390	691	709
19	1180	3230	27400	7350	4320	9920	19700	957	1220	1100	694	702
20	877	2950	30000	7830	3470	12600	17200	927	1500	966	699	676
21	775	2720	29800	7660	3210	11900	14800	921	1770	872	808	739
22	746	3010	28800	7560	2830	9630	12100	911	1400	773	784	914
23	718	3030	28000	7420	3100	7710	11500	898	1130	720	689	853
24	711	2340	26700	7670	3490	6630	14300	872	1180	686	662	724
25	710	1880	25300	11700	3480	7820	11500	856	1250	679	671	695
26	694	1900	24000	13400	3170	14000	7690	858	1670	681	688	665
27	710	2210	22500	21700	2980	17700	8570	856	1770	663	764	673
28	838	2230	20300	25900	2770	19600	10200	856	1300	710	1050	742
29	806	1980	17700	27500	3110	20100	9720	922	1030	828	920	894
30	938	3140	14900	28500	---	20300	8510	1100	923	1460	1010	1280
31	892	---	11500	29400	---	21100	---	1070	---	1440	1570	---
TOTAL	49366	94839	410550	357300	493270	402800	398430	53324	41638	29557	34767	26943
MEAN	1592	3161	13240	11530	17010	12990	13280	1720	1388	953	1122	898
MAX	4190	7800	30000	29400	40100	25300	23500	7230	2920	1750	2210	2080
MIN	694	803	2110	7260	2770	1980	2710	856	867	663	662	665
CFSM	.32	.63	2.65	2.31	3.41	2.60	2.66	.34	.28	.19	.22	.18
IN.	.37	.71	3.06	2.66	3.68	3.00	2.97	.40	.31	.22	.26	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1996, BY WATER YEAR (WY)

MEAN	1848	3172	8801	12780	14220	14580	15360	8687	2894	2007	1821	1381
MAX	9167	8443	37130	36890	43290	29990	51710	40240	11740	7516	10920	7323
(WY)	1976	1994	1983	1974	1990	1980	1980	1991	1983	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1962 - 1996	
ANNUAL TOTAL	2391193		2392784			
ANNUAL MEAN	6551		6538		7262	
HIGHEST ANNUAL MEAN					17210	1983
LOWEST ANNUAL MEAN					2001	1963
HIGHEST DAILY MEAN	42800	Mar 16	40100	Feb 5	121000	Apr 20 1979
LOWEST DAILY MEAN	612	Sep 12	662	Aug 24	269	Oct 24 1963
ANNUAL SEVEN-DAY MINIMUM	623	Sep 8	683	Sep 11	274	Oct 21 1963
INSTANTANEOUS PEAK FLOW			40300	Feb 5	122000	Apr 20 1979
INSTANTANEOUS PEAK STAGE			25.37	Feb 5	34.08	Apr 20 1979
INSTANTANEOUS LOW FLOW			651	Aug 24,25	269	Oct 24 1963
ANNUAL RUNOFF (CFSM)	1.31		1.31		1.45	
ANNUAL RUNOFF (INCHES)	17.82		17.83		19.76	
10 PERCENT EXCEEDS	22100		20400		20600	
50 PERCENT EXCEEDS	3030		2320		2640	
90 PERCENT EXCEEDS	805		730		673	

02488500 PEARL RIVER NEAR MONTICELLO, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.70	4.88	9.56	11.97	22.51	8.66	18.74	11.68	5.38	5.00	6.96	6.82
2	4.73	4.93	10.04	11.89	23.46	8.41	18.62	10.53	5.57	4.94	6.72	6.07
3	5.06	5.16	9.16	13.60	24.79	7.85	18.43	8.99	7.33	4.88	6.48	5.77
4	6.93	5.54	8.02	12.97	25.21	7.23	17.69	7.73	6.95	4.85	6.01	5.68
5	9.00	5.97	7.16	11.91	25.31	6.69	16.40	7.04	6.19	4.80	5.55	5.54
6	8.65	5.56	7.75	11.48	25.13	8.03	15.27	6.94	5.58	4.76	5.96	5.41
7	9.04	5.30	10.57	11.74	24.67	14.76	14.16	7.70	5.34	4.73	6.06	5.32
8	8.33	5.72	11.21	12.88	23.93	19.62	12.85	7.49	5.46	4.73	6.20	5.03
9	7.38	8.32	10.84	13.10	22.96	20.36	11.65	7.11	5.45	4.74	6.42	4.83
10	6.57	8.49	11.74	12.93	21.74	20.64	10.42	6.74	5.29	4.83	6.13	4.75
11	6.02	8.49	11.80	12.61	20.20	20.51	9.09	6.21	5.17	5.21	5.85	4.68
12	5.47	10.99	11.75	12.32	18.33	19.05	7.90	5.97	5.10	6.39	5.26	4.63
13	5.13	12.04	11.70	12.16	16.42	17.18	9.69	5.97	5.11	5.58	5.00	4.63
14	5.30	11.94	11.22	12.19	14.80	16.08	13.41	5.91	5.47	5.11	4.93	4.61
15	5.18	11.84	10.51	12.25	13.59	15.14	18.53	5.72	7.28	5.02	5.00	4.60
16	7.71	11.42	9.70	12.30	12.57	13.92	19.91	5.62	7.85	5.79	4.81	4.64
17	8.46	10.25	9.83	12.11	11.47	12.75	19.90	5.55	6.61	6.35	4.70	4.67
18	6.75	8.98	14.87	11.73	10.25	12.27	19.30	5.50	5.77	5.88	4.65	4.69
19	5.54	8.41	21.45	11.55	9.15	13.33	18.29	5.41	5.66	5.41	4.66	4.68
20	5.02	8.12	22.47	11.88	8.35	14.80	17.11	5.35	6.09	5.18	4.67	4.62
21	4.82	7.87	22.36	11.76	8.10	14.43	15.93	5.33	6.45	5.01	4.89	4.75
22	4.77	8.19	22.01	11.69	7.70	13.17	14.56	5.31	5.92	4.82	4.84	5.09
23	4.71	8.21	21.69	11.60	7.98	12.00	14.19	5.28	5.50	4.71	4.65	4.97
24	4.69	7.44	21.20	11.76	8.38	11.28	15.71	5.22	5.57	4.64	4.59	4.72
25	4.69	6.86	20.66	14.29	8.37	12.02	14.21	5.19	5.67	4.63	4.61	4.66
26	4.66	6.89	20.12	15.19	8.05	15.54	11.99	5.18	6.28	4.63	4.65	4.60
27	4.69	7.28	19.48	19.13	7.85	17.38	12.53	5.17	6.42	4.59	4.80	4.61
28	4.95	7.30	18.55	20.90	7.62	18.26	13.48	5.17	5.73	4.69	5.33	4.76
29	4.88	6.99	17.36	21.51	7.99	18.48	13.23	5.28	5.29	4.93	5.10	5.05
30	5.13	8.30	15.99	21.88	---	18.57	12.51	5.58	5.10	5.98	5.25	5.71
31	5.05	---	14.16	22.21	---	18.89	---	5.53	---	5.94	6.12	---
MEAN	5.94	7.92	14.35	13.79	15.41	14.43	14.86	6.37	5.89	5.12	5.38	5.02
MAX	9.04	12.04	22.47	22.21	25.31	20.64	19.91	11.68	7.85	6.39	6.96	6.82
MIN	4.66	4.88	7.16	11.48	7.62	6.69	7.90	5.17	5.10	4.59	4.59	4.60

02488700 WHITESAND CREEK NEAR OAK VALE, MS

LOCATION.--Lat 31°28'14", long 89°58'25", in SW1/4 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 mi^2.

PERIOD OF RECORD.--September 1965 to current year. Daily mean gage heights published since October 1985.

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

GAGE.--Water-stage recorder. Datum of gage is 182.20 ft above sea level (Mississippi Department of Transportation bench mark).

REMARKS.--Estimated daily discharges: Jun. 14-18. Records good 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 ft^3/s. Maximum stage known since at least 1879, 20 1/4 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 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 7	1115	*1,740	*7.49	No peaks greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	98	120	116	134	200	163	217	128	102	92	146	101
2	98	144	115	171	437	145	175	119	126	92	165	100
3	148	166	112	155	684	134	159	114	149	91	119	123
4	259	147	122	131	297	129	152	111	120	90	99	105
5	170	125	137	124	206	133	148	108	106	89	93	95
6	125	121	234	123	190	1000	233	106	102	88	302	95
7	105	135	348	123	182	1440	246	104	112	88	168	94
8	101	164	192	119	172	984	181	102	181	89	115	94
9	101	136	249	118	163	328	156	102	135	113	102	93
10	101	126	231	118	155	232	145	101	113	123	96	91
11	100	165	155	120	149	197	141	103	107	91	96	91
12	101	179	136	130	138	178	141	105	107	87	95	90
13	102	144	128	126	132	166	510	101	108	88	99	90
14	121	132	125	121	132	158	582	100	e112	103	101	91
15	118	129	124	118	132	154	823	98	e114	99	94	92
16	106	125	123	117	127	149	473	98	e111	96	92	97
17	103	122	127	118	122	217	246	98	e102	101	90	103
18	102	121	531	121	123	236	199	97	e105	96	89	96
19	104	122	1090	122	130	229	182	97	96	94	90	92
20	104	123	679	118	146	167	166	97	96	91	91	91
21	102	126	250	118	142	146	148	96	98	87	93	135
22	104	122	192	120	133	139	138	95	101	85	91	162
23	104	120	164	119	130	135	237	95	103	85	89	108
24	104	142	149	174	126	134	288	97	108	85	93	95
25	104	133	141	178	123	351	166	95	121	85	88	93
26	105	123	136	375	123	492	141	95	126	87	92	93
27	123	119	131	1300	130	255	132	96	116	88	90	98
28	165	117	127	736	261	230	124	96	100	89	89	106
29	131	119	125	276	219	197	129	108	94	90	101	105
30	114	121	123	246	---	212	145	112	92	89	124	99
31	115	---	125	242	---	258	---	104	---	97	110	---
TOTAL	3638	3988	6737	6411	5404	9088	6923	3178	3363	2868	3402	3018
MEAN	117	133	217	207	186	293	231	103	112	92.5	110	101
MAX	259	179	1090	1300	684	1440	823	128	181	123	302	162
MIN	98	117	112	117	122	129	124	95	92	85	88	90
CFSM	.90	1.02	1.67	1.59	1.43	2.26	1.78	.79	.86	.71	.84	.77
IN.	1.04	1.14	1.93	1.83	1.55	2.60	1.98	.91	.96	.82	.97	.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1996, BY WATER YEAR (WY)

MEAN	123	147	205	298	314	333	327	240	146	132	124	122
MAX	423	503	407	810	746	844	1173	810	289	315	307	279
(WY)	1985	1994	1983	1990	1966	1973	1974	1990	1989	1981	1975	1979
MIN	72.6	78.9	109	116	112	118	104	103	89.3	72.8	80.8	74.7
(WY)	1968	1968	1966	1970	1968	1967	1970	1996	1972	1968	1972	1970

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1965 - 1996	
ANNUAL TOTAL	74905		58018			
ANNUAL MEAN	205		159		209	
HIGHEST ANNUAL MEAN					339	1980
LOWEST ANNUAL MEAN					102	1970
HIGHEST DAILY MEAN	2650	Apr 24	1440	Mar 7	16400	Apr 13 1974
LOWEST DAILY MEAN	98	Oct 1	85	Jul 22	65	Jul 6 1986
ANNUAL SEVEN-DAY MINIMUM	102	Oct 7	86	Jul 21	68	Jul 27 1968
INSTANTANEOUS PEAK FLOW			1740	Mar 7	25400	Apr 13 1974
INSTANTANEOUS PEAK STAGE			7.49	Mar 7	18.76	Apr 13 1974
INSTANTANEOUS LOW FLOW			83	Sep 12	59	Sep 12 1972
ANNUAL RUNOFF (CFSM)	1.58		1.22		1.60	
ANNUAL RUNOFF (INCHES)	21.43		16.60		21.80	
10 PERCENT EXCEEDS	286		233		307	
50 PERCENT EXCEEDS	136		121		132	
90 PERCENT EXCEEDS	106		92		89	

e Estimated

02488700 WHITESAND CREEK NEAR OAK VALE, MS--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.92	4.03	4.01	4.09	4.36	4.22	4.43	4.14	4.01	3.95	4.20	3.98
2	3.92	4.14	4.00	4.25	5.01	4.14	4.27	4.10	4.13	3.95	4.27	3.97
3	4.15	4.23	3.99	4.18	5.68	4.10	4.20	4.07	4.23	3.94	4.07	4.08
4	4.57	4.15	4.04	4.08	4.69	4.07	4.17	4.06	4.10	3.94	3.98	4.00
5	4.24	4.05	4.11	4.05	4.39	4.09	4.16	4.04	4.03	3.93	3.95	3.94
6	4.05	4.03	4.45	4.04	4.33	6.28	4.48	4.03	4.01	3.93	4.71	3.93
7	3.96	4.10	4.84	4.04	4.30	7.04	4.53	4.02	4.06	3.93	4.28	3.93
8	3.94	4.22	4.33	4.03	4.25	6.23	4.29	4.01	4.35	3.93	4.05	3.93
9	3.94	4.10	4.53	4.02	4.22	4.78	4.19	4.01	4.17	4.04	3.99	3.92
10	3.94	4.06	4.47	4.02	4.19	4.48	4.14	4.01	4.07	4.10	3.96	3.92
11	3.93	4.22	4.18	4.03	4.16	4.35	4.12	4.02	4.04	3.94	3.96	3.91
12	3.94	4.28	4.10	4.08	4.11	4.28	4.13	4.03	4.04	3.92	3.95	3.91
13	3.94	4.14	4.07	4.06	4.08	4.23	5.24	4.01	4.04	3.93	3.98	3.91
14	4.03	4.08	4.05	4.03	4.08	4.20	5.50	4.00	---	4.01	3.99	3.91
15	4.02	4.07	4.05	4.02	4.08	4.18	6.01	3.99	---	3.99	3.95	3.92
16	3.96	4.05	4.04	4.01	4.06	4.16	5.24	3.99	---	3.97	3.94	3.95
17	3.95	4.04	4.06	4.02	4.04	4.42	4.60	3.99	---	3.99	3.93	3.98
18	3.94	4.04	5.22	4.04	4.05	4.49	4.43	3.99	---	3.97	3.92	3.94
19	3.95	4.04	6.47	4.04	4.08	4.47	4.37	3.99	3.98	3.96	3.92	3.92
20	3.95	4.05	5.60	4.02	4.15	4.24	4.30	3.99	3.98	3.95	3.92	3.91
21	3.94	4.06	4.54	4.02	4.13	4.15	4.23	3.98	3.99	3.92	3.94	4.12
22	3.95	4.04	4.33	4.03	4.09	4.12	4.18	3.97	4.00	3.91	3.92	4.24
23	3.95	4.03	4.22	4.03	4.07	4.10	4.54	3.98	4.01	3.91	3.91	3.99
24	3.95	4.13	4.16	4.26	4.06	4.10	4.73	3.99	4.03	3.91	3.93	3.92
25	3.95	4.09	4.13	4.28	4.04	4.80	4.30	3.97	4.09	3.91	3.91	3.91
26	3.96	4.04	4.10	4.76	4.05	5.23	4.20	3.98	4.12	3.92	3.93	3.91
27	4.04	4.03	4.08	6.82	4.07	4.56	4.15	3.98	4.07	3.92	3.92	3.94
28	4.23	4.01	4.06	5.72	4.57	4.47	4.12	3.98	3.99	3.92	3.91	3.98
29	4.08	4.03	4.05	4.63	4.43	4.35	4.14	4.04	3.96	3.93	3.98	3.98
30	4.00	4.03	4.05	4.53	---	4.40	4.21	4.06	3.95	3.93	4.09	3.95
31	4.01	---	4.05	4.51	---	4.57	---	4.02	---	3.96	4.02	---
MEAN	4.01	4.09	4.33	4.28	4.27	4.56	4.45	4.01	---	3.95	4.01	3.96
MAX	4.57	4.28	6.47	6.82	5.68	7.04	6.01	4.14	---	4.10	4.71	4.24
MIN	3.92	4.01	3.99	4.01	4.04	4.07	4.12	3.97	---	3.91	3.91	3.91

02489000 PEARL RIVER NEAR COLUMBIA, MS

LOCATION.--Lat 31°14'14", long 89°50'54", in E1/2 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 mi^2.

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

GAGE.--Nonrecording gage. Datum of gage is 115.81 ft above sea level (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 ft^3/s, 17.62 in/yr.

EXTREMES FOR PERIOD OF RECORD.--1928-1954: Maximum discharge, 72,600 ft^3/s, Apr. 9, 1938, gage height, 26.40 ft, minimum, 705 ft^3/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, 18.91 ft, Mar. 7, minimum observed, .62 ft, Sept. 2.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY OBSERVATION AT 06:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.66	1.03	2.77	8.59	15.42	4.07	12.95	7.72	1.44	1.08	1.62	1.30
2	.62	.93	3.85	6.93	15.78	4.35	12.82	7.01	1.44	.99	2.16	2.12
3	.71	1.20	4.38	6.42	16.50	4.22	12.54	6.08	1.62	.94	2.40	1.78
4	1.12	1.18	3.85	7.74	17.56	3.75	12.39	4.80	2.60	.88	2.05	1.51
5	1.54	1.18	3.05	7.43	18.38	3.35	12.11	3.75	2.51	.84	1.77	1.38
6	3.58	1.47	2.45	6.43	18.80	2.99	11.42	3.12	2.00	.83	1.48	1.28
7	3.21	1.33	2.73	6.01	18.91	6.64	10.88	2.83	1.54	.80	1.71	1.20
8	3.60	1.29	4.94	6.05	18.68	10.78	9.52	3.28	1.52	.80	1.88	1.12
9	3.18	1.24	5.61	6.97	18.12	12.84	8.34	3.20	1.92	.80	1.76	1.03
10	2.53	2.73	5.37	7.23	---	13.54	7.22	2.92	1.50	.79	1.95	.85
11	1.97	3.30	5.93	7.08	---	13.91	6.12	2.65	1.31	.86	1.68	.78
12	1.59	3.17	5.96	6.85	14.82	13.92	5.04	2.35	1.19	.83	1.65	.72
13	1.29	5.05	5.90	6.57	---	13.44	4.26	2.09	1.11	1.68	1.27	.68
14	1.16	5.98	5.93	6.38	11.50	11.95	6.35	2.00	1.18	2.20	1.03	.66
15	1.14	5.96	5.58	6.41	9.56	10.88	8.98	1.99	1.45	1.51	.93	.64
16	1.08	5.90	5.02	6.46	---	10.09	12.28	1.81	2.20	1.18	.92	.67
17	1.82	5.65	4.37	6.49	7.85	9.19	13.36	1.73	3.24	1.34	.87	.72
18	3.29	4.77	4.55	6.36	6.88	8.28	13.52	1.64	2.40	2.02	.77	.71
19	2.28	3.76	9.58	6.05	5.90	8.07	13.29	1.56	1.73	1.70	.72	.68
20	1.49	3.28	12.73	5.82	5.00	8.40	12.67	1.50	1.48	1.36	.71	.67
21	1.05	3.04	14.06	6.10	4.50	9.45	11.71	1.43	1.60	1.14	.82	.66
22	.85	2.83	14.60	6.01	4.00	9.35	10.77	1.38	1.92	1.04	.75	.81
23	.79	2.89	14.42	5.94	3.83	8.35	9.83	1.35	1.76	.90	.84	.96
24	.78	3.12	14.17	5.98	---	7.28	9.47	1.31	1.40	.83	.72	.97
25	.73	2.61	13.96	5.96	---	6.68	10.34	1.27	1.35	.76	.68	.77
26	.72	2.16	13.53	7.97	4.14	8.06	9.48	1.23	1.43	.78	.68	.68
27	.70	2.02	13.10	10.81	3.90	10.12	7.62	1.20	1.72	.75	.71	.64
28	.78	2.26	12.56	12.39	4.12	11.38	7.61	1.19	1.98	.74	.69	.78
29	1.01	2.34	11.97	---	---	12.09	8.43	1.32	1.62	.76	1.07	.73
30	.93	2.14	11.06	14.67	---	12.48	8.32	1.48	1.25	.87	1.20	.84
31	.93	---	10.01	15.15	---	12.62	---	1.47	---	1.24	1.06	---
MEAN	1.52	2.86	8.00	---	---	9.11	9.99	2.54	1.71	1.07	1.24	.94
MAX	3.60	5.98	14.60	---	---	13.92	13.52	7.72	3.24	2.20	2.40	2.12
MIN	.62	.93	2.45	---	---	2.99	4.26	1.19	1.11	.74	.68	.64

PEARL RIVER BASIN

02489500 PEARL RIVER NEAR BOGALUSA, LA

LOCATION.--Lat 30°47'35", long 89°49'15", on line between secs.17 and 18, T.3 S., R.14 E., Washington Parish, Hydrologic Unit 03180004, near right bank on downstream side of bridge on State Highway 10, 2.0 mi east of Bogalusa, and 2.0 mi upstream from Bogue Lusa Creek.

DRAINAGE AREA.--6,573 mi^2.

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

REVISED RECORDS.--WRD LA-1981-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 55.00 ft above sea level (levels by Corps of Engineers). Prior to July 29, 1954, nonrecording gage at same site and datum.

REMARKS.-- No estimated daily discharge. 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 1995 TO SEPTEMBER 1996

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2130	2800	3910	22300	34400	7830	28700	12500	3020	2480	2430	2330
2	2090	3070	4370	17600	35800	6290	29100	11000	3160	2310	2710	2470
3	2110	3750	5330	13200	36600	5940	28600	9490	3780	2210	3070	2890
4	2350	3980	5910	11500	37600	5550	27700	7900	3660	2140	3330	2820
5	2710	3460	5540	12500	40200	5070	26800	6300	3690	2080	3130	2600
6	3290	3170	4910	11800	44500	4700	26600	5130	3610	2050	2890	2460
7	4400	3230	4500	10300	49000	5290	25200	4460	3210	2020	2670	2380
8	4520	3280	4940	9510	52100	10400	22800	4180	2980	2010	2940	2330
9	4720	3230	6830	9680	53200	17000	18000	4370	3240	2060	2970	2260
10	4490	3160	7920	10800	52100	22400	13400	4290	3300	2050	2930	2170
11	3990	4050	8000	11300	49000	26300	10300	4060	2870	2040	3140	2040
12	3530	4750	8540	11200	44400	28800	8280	3840	2670	2020	2950	1960
13	3210	5010	8690	10800	38900	30200	7010	3550	2600	2070	2800	1910
14	2980	6600	8690	10400	34400	30000	7070	3330	2710	2640	2500	1870
15	2930	8060	8590	10100	27900	26900	9870	3210	3100	3070	2250	1850
16	2890	8380	8050	10000	20300	22000	15400	3140	3170	2800	2120	1890
17	2810	8370	7310	10100	14900	19300	21100	3030	3750	2690	2080	1920
18	3450	7950	7560	10200	11600	18400	25700	2930	4130	2750	2030	1930
19	4400	6820	12600	10000	9520	15700	28400	2860	3610	2960	1970	1910
20	3880	5710	20200	9550	8780	13700	29100	2780	3100	2790	1930	1880
21	3230	5130	25500	9280	8190	13400	27900	2710	2850	2520	1950	1940
22	2830	4900	29400	9440	6630	14500	25000	2650	2900	2310	2000	2030
23	2620	4670	32200	9370	5800	14200	21600	2600	3120	2200	1950	2170
24	2530	4690	33900	9490	5290	12100	18600	2560	3010	2230	1960	2190
25	2470	4820	34700	9840	5160	10500	17200	2510	2730	2140	1890	2130
26	2420	4470	34700	10600	5250	11300	17300	2470	2630	2080	1870	2010
27	2410	4060	34100	17900	5230	13300	15800	2420	2650	2100	1900	1940
28	2430	3860	33000	26200	5450	17000	12100	2390	2820	2070	1970	1970
29	2490	3940	31400	30000	7970	20500	11400	2590	2940	2000	1970	2050
30	2630	4000	29300	31800	---	24700	12500	3240	2750	1980	2220	2030
31	2710	---	26300	33100	---	27800	---	3410	---	2080	2390	---
TOTAL	95650	143370	496890	429860	750170	501070	588530	131900	93760	70950	74910	64330
MEAN	3085	4779	16030	13870	25870	16160	19620	4255	3125	2289	2416	2144
MAX	4720	8380	34700	33100	53200	30200	29100	12500	4130	3070	3330	2890
MIN	2090	2800	3910	9280	5160	4700	7010	2390	2600	1980	1870	1850
CFSM	.47	.73	2.44	2.11	3.94	2.46	2.98	.65	.48	.35	.37	.33
IN.	.54	.81	2.81	2.43	4.25	2.84	3.33	.75	.53	.40	.42	.36

02490500 BOGUE CHITTO NEAR TYLERTOWN, MS

LOCATION.--Lat 31°10'37", long 90°16'48", in SE1/4 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 mi^2.

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 sea level.

REMARKS.--Estimated daily discharges: Dec. 5-7, 13-19, Jan. 31, Feb. 1-2, 14-29, Mar. 1-4, May 22-28. Records fair except for periods of estimated daily discharge, which are poor. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	----	*unknown	*unknown	Jan. 27	0900	6,030	14.24

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	326	376	366	486	e1400	e370	1010	514	391	263	479	345
2	327	395	364	512	e1100	e360	846	468	437	259	875	347
3	374	474	364	522	3200	e350	670	433	717	254	720	333
4	440	461	371	563	2750	e330	593	412	669	251	408	335
5	426	433	e400	502	2510	407	550	395	421	247	358	345
6	393	400	e450	475	1120	1500	1340	382	339	245	365	295
7	359	416	e540	456	831	3420	1640	372	309	243	590	289
8	346	586	704	457	719	3130	1030	359	319	253	784	297
9	338	459	686	460	657	1820	766	367	379	246	488	300
10	336	415	728	449	592	975	648	349	341	304	375	334
11	339	413	619	450	552	730	576	353	302	272	380	339
12	337	403	516	448	511	628	536	350	286	250	414	304
13	349	473	e470	442	483	570	816	351	283	256	371	259
14	402	429	e431	438	e460	537	1670	334	373	345	344	252
15	390	392	e410	431	e440	502	2870	322	869	395	321	249
16	371	379	e460	426	e410	483	3470	314	791	349	304	261
17	358	370	e540	421	e380	480	3240	306	445	389	294	273
18	346	363	e9000	426	e360	617	1620	301	344	313	291	244
19	340	362	e6000	424	e420	807	866	297	349	329	308	241
20	339	372	4010	423	e620	669	716	289	591	317	311	236
21	338	374	3400	428	e580	575	623	285	390	295	309	259
22	335	366	1680	423	e500	520	554	e290	340	290	306	257
23	334	362	831	423	e420	488	1010	e295	312	285	300	243
24	335	372	672	472	e360	471	1610	e290	405	261	312	235
25	334	366	596	546	e320	882	1590	e280	377	262	313	227
26	332	364	549	1050	e330	1790	887	e270	381	277	324	223
27	351	359	518	5180	e360	1620	836	e260	378	279	331	241
28	410	358	497	3660	e380	1060	700	e264	315	282	383	284
29	378	360	480	3880	e375	761	566	361	288	302	367	301
30	352	363	467	2650	---	703	528	595	273	307	359	292
31	375	---	460	e2000	---	863	---	639	---	306	349	---
TOTAL	11110	12015	37579	29923	23140	28418	34377	11097	12414	8926	12433	8440
MEAN	358	400	1212	965	798	917	1146	358	414	288	401	281
MAX	440	586	9000	5180	3200	3420	3470	639	869	395	875	347
MIN	326	358	364	421	320	330	528	260	273	243	291	223
CFSM	.73	.81	2.46	1.96	1.62	1.86	2.33	.73	.84	.59	.82	.57
IN.	.84	.91	2.84	2.26	1.75	2.15	2.60	.84	.94	.67	.94	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1996, BY WATER YEAR (WY)

MEAN	390	513	887	1274	1413	1364	1315	885	518	462	414	379
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1944 - 1996	
ANNUAL TOTAL	385698		229872			
ANNUAL MEAN	1057		628		815	
HIGHEST ANNUAL MEAN					1301	1983
LOWEST ANNUAL MEAN					394	1954
HIGHEST DAILY MEAN	26900	Apr 27	9000	Dec 18	56900	Apr 7 1983
LOWEST DAILY MEAN	289	Sep 4	223	Sep 26	177	Oct 31 1963
ANNUAL SEVEN-DAY MINIMUM	293	Sep 4	240	Sep 20	179	Oct 25 1963
INSTANTANEOUS PEAK FLOW			unknown	Dec 18	64200	Apr 7 1983
INSTANTANEOUS PEAK STAGE			unknown	Dec 18	34.62	Apr 7 1983
ANNUAL RUNOFF (CFSM)	2.15		1.28		1.66	
ANNUAL RUNOFF (INCHES)	29.16		17.38		22.51	
10 PERCENT EXCEEDS	1840		985		1590	
50 PERCENT EXCEEDS	400		389		403	
90 PERCENT EXCEEDS	316		281		249	

e Estimated

TENNESSEE RIVER MAIN STEM

03589500 TENNESSEE RIVER AT FLORENCE, AL

LOCATION.--Lat 34°47'13", long 87°40'12", in SW$^1/_4$ 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 mi^2, 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 sea level. 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^3/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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26000	56900	76000	31800	181000	66400	79500	49600	55700	45700	52000	39900
2	44000	54800	42900	65200	165000	61600	65000	39900	41300	39000	49600	44700
3	45000	63500	30000	82800	164000	46100	61400	45200	50300	21600	32900	43800
4	46000	63500	68000	82800	163000	68300	59200	18100	57700	20400	31300	50000
5	94000	63900	71000	77300	147000	62200	41300	20000	36800	19400	55900	66200
6	166000	66200	64000	77500	114000	97600	42700	32300	53200	19800	52200	63600
7	157000	77300	68000	110000	109000	152000	29200	37800	31900	21000	54800	38000
8	130000	88800	63300	140000	109000	177000	35200	53700	27600	37500	57600	39000
9	111000	108000	64000	146000	108000	159000	36300	45900	41700	35400	38500	42800
10	88000	114000	63000	150000	107000	140000	25200	45300	51400	40100	23000	49600
11	83000	114000	72000	138000	105000	120000	34700	30100	59300	34300	17900	48400
12	65000	115000	74000	118000	128000	114000	29000	34100	65500	20100	50100	50900
13	58000	115000	64000	105000	148000	101000	20000	33800	62000	18800	63800	51900
14	53000	112000	59000	94500	153000	101000	16500	31400	73200	21100	47000	24500
15	51000	104000	62000	82500	137000	100000	23900	38000	38000	40700	50600	20900
16	52100	91300	61500	87000	116000	58700	32800	36500	37500	40200	40000	39500
17	52700	90500	50800	85000	103000	59900	32200	39100	54100	42400	35300	42800
18	57300	81000	66000	83600	99400	79800	30200	32500	49600	42100	40000	48900
19	56600	83400	73600	94200	98800	85500	24700	35500	46900	30300	44000	41000
20	59700	66800	72200	83400	94800	85500	21300	34900	43500	22400	56000	48000
21	36100	66300	78300	73600	86900	82300	79800	25800	43700	20700	68000	16100
22	26200	64400	77300	85700	84600	80700	125000	36700	27400	42100	50000	21000
23	49800	48300	75800	99900	77700	65900	140000	36900	19200	46700	52000	45000
24	47300	45600	62300	103000	50300	58100	103000	42600	44600	47100	17000	57000
25	46200	50400	57900	101000	43600	75700	63900	46600	42600	39700	14000	59000
26	41700	46100	68700	103000	64800	68700	65900	33300	42200	34200	49000	58000
27	46200	54000	70700	144000	73000	66800	44500	33000	43600	24900	48400	63200
28	41500	57000	65400	179000	63500	74200	53000	38200	43900	23800	50500	24300
29	22000	63900	60100	182000	63300	66200	54900	56400	21400	36500	44300	31900
30	61800	65300	46000	189000	---	62000	36700	52800	24100	38700	34200	59000
31	61200	---	40100	187000	---	74100	---	58900	---	47000	31400	---
TOTAL	1975400	2291200	1967900	3381800	3157700	2710300	1507000	1194900	1329900	1013700	1351300	1328900
MEAN	63720	76370	63480	109100	108900	87430	50230	38550	44330	32700	43590	44300
MAX	166000	115000	78300	189000	181000	177000	140000	58900	73200	47100	68000	66200
MIN	22000	45600	30000	31800	43600	46100	16500	18100	19200	18800	14000	16100
CFSM	2.07	2.48	2.06	3.54	3.53	2.84	1.63	1.25	1.44	1.06	1.41	1.44
IN.	2.39	2.77	2.38	4.08	3.81	3.27	1.82	1.44	1.61	1.22	1.63	1.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 1996, BY WATER YEAR (WY)

MEAN	33940	43250	64880	81960	88780	80610	52190	43050	36160	35780	35620	33080
MAX	100800	136400	144200	200300	207300	163900	151400	150700	101300	81530	58260	64550
(WY)	1990	1958	1992	1974	1957	1973	1994	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1937 - 1996	
ANNUAL TOTAL	18609790		23210000			
ANNUAL MEAN	50990		63420		52290	
HIGHEST ANNUAL MEAN					80210	1973
LOWEST ANNUAL MEAN					26870	1941
HIGHEST DAILY MEAN	168000	Mar 9	189000	Jan 30	490000	Mar 17 1973
LOWEST DAILY MEAN	4100	Jun 17,18	14000	Aug 25	105	Sep 7 1969
ANNUAL SEVEN-DAY MINIMUM	9930	Apr 14	25000	Jul 3	8600	Apr 16 1966
INSTANTANEOUS PEAK FLOW			195000	Jan 29	530000	Mar 17 1973
INSTANTANEOUS PEAK STAGE			19.51	Apr 23	32.50	Mar 19 1897
ANNUAL RUNOFF (CFSM)	1.65		2.06		1.70	
ANNUAL RUNOFF (INCHES)	22.47		28.02		23.06	
10 PERCENT EXCEEDS	103000		113000		100000	
50 PERCENT EXCEEDS	45300		54800		39500	
90 PERCENT EXCEEDS	13900		27000		20500	

03592718 LITTLE YELLOW CREEK EAST NEAR BURNSVILLE, MS

LOCATION.--Lat 34°50'05", long 88°17'17", in SE1/4 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 mi^2, 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 Department of Transportation datum.

REMARKS.--Estimated daily discharges: Mar. 14 - Apr. 8, Apr. 23 - May 13. Records fair except for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--A discharge of 3,180 ft^3/s, gage height, 19.12 ft was measured Mar. 16, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft^3/s, and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Mar. 6	0700	*885a	*14.41a	No other peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	10	13	74	37	32	e43	e41	12	8.2	28	8.0
2	5.3	52	13	136	47	29	e36	e36	20	7.8	13	17
3	5.8	22	13	64	42	26	e33	e33	18	7.3	9.1	14
4	7.8	14	14	39	30	25	e30	e30	16	6.9	7.4	11
5	8.0	13	14	33	27	33	e28	e32	15	6.5	6.4	10
6	7.2	19	14	72	26	511	e27	e27	13	6.4	5.7	8.7
7	6.4	141	14	64	40	206	e26	e26	11	6.5	5.4	7.6
8	5.7	42	19	38	139	111	e26	e25	303	27	6.4	7.1
9	5.8	20	43	33	147	47	25	e22	88	19	18	7.4
10	5.8	18	18	31	87	25	24	e19	50	11	8.6	7.7
11	5.9	79	16	69	53	17	22	e28	75	7.9	7.9	7.8
12	5.5	31	15	94	38	13	22	e24	116	7.0	27	7.8
13	5.5	21	15	45	33	12	22	e21	49	6.8	15	6.7
14	5.6	18	15	36	32	e12	22	20	28	6.4	11	5.9
15	5.7	16	17	31	31	e14	23	18	22	10	9.3	4.0
16	5.7	16	91	29	28	e12	22	17	19	7.8	8.0	5.3
17	5.8	15	179	29	26	e20	20	16	17	6.7	7.0	15
18	5.9	14	238	48	26	e70	20	15	17	5.9	6.6	7.7
19	5.8	14	180	58	31	e170	58	14	16	5.5	5.9	5.6
20	5.3	14	60	33	62	e60	168	13	15	5.3	5.6	5.0
21	5.3	13	39	32	36	e35	162	12	14	5.2	5.4	19
22	5.3	13	32	30	31	e30	103	11	13	5.0	5.3	16
23	6.2	19	28	28	28	e26	e250	11	12	15	5.3	8.2
24	6.8	20	26	169	25	e24	e160	10	12	8.4	5.1	6.4
25	6.0	16	25	62	23	e280	e110	9.6	11	33	5.2	6.1
26	5.8	15	24	85	23	e100	e80	9.3	9.9	12	4.9	6.1
27	55	14	23	127	25	e62	e64	8.9	9.1	7.6	5.3	26
28	27	14	22	56	92	e60	e56	21	8.9	7.0	5.5	28
29	13	13	21	46	37	e45	e56	18	8.6	6.9	5.7	17
30	11	13	21	40	---	e38	e54	15	8.2	13	6.8	11
31	10	---	60	43	---	e40	---	13	---	19	11	---
TOTAL	270.9	739	1322	1774	1302	2185	1792	615.8	1026.7	308.0	276.8	313.1
MEAN	8.74	24.6	42.6	57.2	44.9	70.5	59.7	19.9	34.2	9.94	8.93	10.4
MAX	55	141	238	169	147	511	250	41	303	33	28	28
MIN	5.0	10	13	28	23	12	20	8.9	8.2	5.0	4.9	4.0
CFSM	.35	1.00	1.73	2.32	1.82	2.85	2.42	.80	1.39	.40	.36	.42
IN.	.41	1.11	1.99	2.67	1.96	3.29	2.70	.93	1.55	.46	.42	.47

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1996, BY WATER YEAR (WY)

MEAN	15.5	46.1	67.2	69.5	69.6	75.5	61.5	53.0	24.6	13.8	11.3	13.0
MAX	40.6	146	301	246	185	246	164	281	103	55.7	67.3	67.6
(WY)	1976	1978	1983	1974	1990	1980	1991	1991	1989	1994	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1973 - 1996	
ANNUAL TOTAL	11779.2		11925.3			
ANNUAL MEAN	32.3		32.6		43.3	
HIGHEST ANNUAL MEAN					79.2	1991
LOWEST ANNUAL MEAN					18.7	1988
HIGHEST DAILY MEAN	349	Mar 5	511	Mar 6	4910	Dec 26 1982
LOWEST DAILY MEAN	3.0	Aug 25	4.0	Sep 15	1.5	Sep 9 1984
ANNUAL SEVEN-DAY MINIMUM	3.5	Aug 23	5.2	Aug 21	2.5	Oct 7 1985
INSTANTANEOUS PEAK FLOW			885a	Mar 6	unknown	Dec 26 1984
INSTANTANEOUS PEAK STAGE			14.41a	Mar 6	21.74	Dec 26 1982
INSTANTANEOUS LOW FLOW			4.0	Sep 15, 16	1.5	Sep 9 1984
ANNUAL RUNOFF (CFSM)	1.31		1.32		1.75	
ANNUAL RUNOFF (INCHES)	17.74		17.96		23.81	
10 PERCENT EXCEEDS	71		65		75	
50 PERCENT EXCEEDS	20		18		18	
90 PERCENT EXCEEDS	5.3		5.8		5.3	

e Estimated

a May have been higher during periods of missing record.

YAZOO RIVER BASIN

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 34°29'00", long 89°13'30", in SE1/4 SW1/4 sec.8, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on right bank at downstream side of bridge on State Highway 30, 0.8 mi northeast of Etta, 3.8 mi upstream from Puskus Creek, 5.0 mi downstream from Locks Creek, 12.3 mi west of New Albany, and 55.0 mi upstream from head of Panola-Quitman Floodway.

DRAINAGE AREA.--526 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1938 to current year. November 1936 to May 1937 (gage heights and discharge measurements only) in reports of U. S. Army Corps of Engineers, Vicksburg district. Prior to October 1971 published as Tallahatchie River at Etta.

REVISED RECORDS.--WSP 897: Drainage area. WSP 1211: 1948, 1949(M).

GAGE.--Water-stage recorder. Datum of gage is 273.48 ft above sea level (levels by U. S. Army Corps of Engineers). Nov. 23, 1936 to May 31, 1937, nonrecording gage at same site at datum 5.33 ft higher. Sept. 24, 1938 to Mar. 16, 1939, nonrecording gage, Mar. 17, 1939 to Aug. 25, 1952, water-stage recorder, and Aug. 26, 1952 to June 22, 1953, nonrecording gage, all at same site. Sept. 24, 1938 to Sept. 30, 1952, at datum 5.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 4-27, Nov. 17-27, Dec. 18 - Jan. 11, 16-22, May 26 - Jun. 7, 13-17. Records good except for estimated daily discharges, which are poor. U.S. Army Corp of Engineers satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 13,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 22	0600	18,000	25.27	Apr. 23	2000	*29,200	*26.72

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	66	64	154	e4500	717	669	794	608	e2200	147	351	54
2	68	113	94	e7000	776	579	569	577	e1700	125	157	52
3	87	223	62	e2500	653	509	543	550	e760	114	120	52
4	e82	94	377	e1400	532	467	520	534	e480	109	95	50
5	e87	53	207	e1050	491	656	496	518	e300	109	85	50
6	e68	83	121	e4700	528	5910	497	498	e580	103	81	49
7	e48	703	92	e4000	756	5190	466	492	e1100	84	75	47
8	e44	699	236	e2000	2760	1700	423	487	1950	129	80	45
9	e41	177	1340	e1100	3900	852	438	465	3190	249	70	41
10	e40	84	413	e780	1630	709	373	448	779	176	64	38
11	e40	732	250	e596	964	633	362	512	893	176	60	36
12	e40	586	201	4760	683	588	434	544	815	174	74	33
13	e40	238	166	2790	584	577	446	459	e640	173	77	30
14	e42	163	143	682	553	570	448	430	e530	181	62	28
15	e43	128	158	837	517	560	492	414	e450	336	55	27
16	e40	109	4350	e750	481	970	477	392	e380	231	50	27
17	e41	e105	3430	e660	467	824	459	368	e330	243	48	26
18	e39	e102	e5600	e610	455	665	445	361	292	171	46	26
19	e38	e103	e9800	e560	818	3750	500	341	294	79	43	31
20	e39	e104	e2800	e520	3760	1270	2990	329	268	75	40	33
21	e39	e106	e1800	e480	1130	768	9530	312	239	71	38	1210
22	e38	e140	e1300	e450	729	635	14700	313	219	68	38	386
23	e39	e250	e1000	550	626	562	23700	296	175	71	36	87
24	e39	e360	e800	6270	546	517	16000	287	153	79	34	47
25	e38	e280	e660	2330	486	7900	2810	290	212	156	34	37
26	e37	e220	e570	2090	461	5480	1040	e700	384	296	43	31
27	e70	e180	e470	2640	469	1510	815	e1200	178	145	115	713
28	354	149	e420	962	2850	889	711	e1150	150	233	592	534
29	57	140	e390	752	1050	784	664	e700	128	112	103	178
30	46	148	e450	725	---	675	705	e470	119	150	61	53
31	45	---	e2000	1130	---	914	---	e800	---	191	56	---
TOTAL	1835	6636	39854	60174	30372	48282	82847	15845	19888	4756	2883	4051
MEAN	59.2	221	1286	1941	1047	1557	2762	511	663	153	93.0	135
MAX	354	732	9800	7000	3900	7900	23700	1200	3190	336	592	1210
MIN	37	53	62	450	455	467	362	287	119	68	34	26
CFSM	.11	.42	2.44	3.69	1.99	2.96	5.25	.97	1.26	.29	.18	.26
IN.	.13	.47	2.82	4.26	2.15	3.41	5.86	1.12	1.41	.34	.20	.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1996, BY WATER YEAR (WY)

MEAN	132	714	1223	1468	1707	1812	1407	901	521	312	173	183
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	1954	1954

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1938 - 1996	
ANNUAL TOTAL	311750		317423			
ANNUAL MEAN	854		867		875	
HIGHEST ANNUAL MEAN					1945	1983
LOWEST ANNUAL MEAN					289	1981
HIGHEST DAILY MEAN	19700	Mar 6	23700	Apr 23	53800	Mar 22 1955
LOWEST DAILY MEAN	37	Oct 26	26	Sep 17	4.1	Oct 3 1938
ANNUAL SEVEN-DAY MINIMUM	38	Oct 20	28	Sep 13	4.3	Oct 3 1938
INSTANTANEOUS PEAK FLOW			29200	Apr 23	85200	May 19 1983
INSTANTANEOUS PEAK STAGE			26.72	Apr 23	29.32	Mar 22 1955
INSTANTANEOUS LOW FLOW			26	Sep 17,18	4.1	Oct 3 1938
ANNUAL RUNOFF (CFSM)	1.62		1.65		1.66	
ANNUAL RUNOFF (INCHES)	22.05		22.45		22.61	
10 PERCENT EXCEEDS	1380		1840		1840	
50 PERCENT EXCEEDS	326		382		192	
90 PERCENT EXCEEDS	55		42		26	

e Estimated

07268000 LITTLE TALLAHATCHIE RIVER AT ETTA, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972, 1996 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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)
FEB						
27...	1115	457	173	7.3	17.0	8.9
MAY						
22...	1315	308	250	7.9	23.0	11.1
AUG						
13...	1100	86	235	7.8	28.5	8.8

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS

LOCATION.--Lat 34°21'50", long 89°52'42", in NW 1/4 NW 1/4 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 mi^2.

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. Datum of gage is 195.45 ft above sea level. 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. 4-5, 15-16. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--10 years, 57.0 ft^3/s, 22.05 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 10,400 ft^3/s, Feb. 19, 1991, gage height, 16.83 ft; minimum, 2.1 ft^3/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, 2,230 ft^3/s, Mar. 25, gage height, 10.38 ft; minimum, 4.5 ft^3/s, Oct. 21.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 1,060 mg/L, Mar. 25; minimum daily mean, 5 mg/L, July 10, 11.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 3,440 tons, Mar. 25; minimum daily, 0.10 ton, Oct. 1.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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							
02...	1410	5.1	101	7.1	31.0	7.0	0.010
18...	1100	5.1	100	7.6	18.5	8.0	0.010
31...	1015	6.9	93	7.4	15.5	9.6	0.010
NOV							
27...	1600	9.0	76	6.4	16.5	9.2	0.010
DEC							
05...	1055	12	75	6.7	14.0	9.8	0.010
13...	1100	11	73	6.8	11.5	11.4	0.020
FEB							
28...	1300	54	67	7.5	13.0	7.5	--
APR							
23...	0345	846	--	--	--	--	--
MAY							
23...	0715	9.5	104	7.6	21.0	8.4	--
AUG							
12...	1600	8.9	90	7.1	34.5	7.3	--

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							
02...	0.020	0.010	<0.020	0.010	2.6	--	--
18...	0.050	<0.010	0.090	0.020	3.6	--	--
31...	0.050	0.030	0.070	0.020	3.9	--	--
NOV							
27...	0.070	0.020	0.030	0.040	3.9	--	--
DEC							
05...	0.050	0.010	0.050	0.030	3.4	--	--
13...	0.110	0.060	0.050	0.050	4.1	--	--
FEB							
28...	--	--	--	--	--	--	--
APR							
23...	--	--	--	--	--	1380	3150
MAY							
23...	--	--	--	--	--	--	--
AUG							
12...	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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)
APR										
23...	0345	13	18	25	40	63	74	76	87	100

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	5.1	7	.10	6.6	24	.43	8.4	31	.72
2	5.1	14	.19	17	117	6.9	8.3	32	.71
3	5.4	18	.26	14	53	202	9.1	32	.78
4	6.6	19	.33	8.5	17	.39	14	32	1.2
5	6.5	20	.35	7.8	13	.27	12	32	1.1
6	5.9	19	.31	11	43	1.6	11	29	.85
7	5.5	18	.27	54	252	53	9.7	27	.72
8	5.4	17	.25	25	90	6.7	54	262	112
9	4.9	16	.22	13	39	1.4	59	293	66
10	5.2	17	.23	11	26	.76	18	85	4.2
11	5.3	18	.25	26	149	14	14	59	2.2
12	5.0	19	.25	14	69	2.8	12	48	1.6
13	5.5	19	.28	11	42	1.2	11	39	1.1
14	6.0	19	.31	9.0	34	.83	9.9	28	.76
15	5.3	20	.28	8.6	32	.74	163	254	656
16	5.3	20	.28	7.8	32	.67	324	346	415
17	5.0	21	.28	7.5	29	.59	224	404	380
18	5.2	45	.63	8.5	26	.60	579	840	1640
19	5.3	40	.56	8.1	23	.51	236	213	161
20	5.3	29	.42	8.1	21	.45	80	83	18
21	4.7	22	.28	7.7	18	.38	53	70	10
22	4.9	19	.25	7.6	13	.27	27	55	4.1
23	5.5	18	.27	21	72	4.6	21	42	2.3
24	5.7	17	.26	16	43	1.9	18	35	1.7
25	6.4	18	.31	11	32	.94	16	30	1.3
26	5.4	19	.28	9.5	30	.78	15	29	1.2
27	12	88	3.4	9.0	31	.75	14	28	1.1
28	16	62	2.7	8.9	31	.74	13	24	.85
29	9.6	48	1.2	8.5	31	.72	14	32	1.2
30	7.4	37	.74	8.4	31	.72	13	27	.93
31	6.9	29	.54	---	---	---	32	119	21
		JANUARY			FEBRUARY			MARCH	
1	47	137	28	43	36	4.2	26	28	2.0
2	226	472	412	76	32	6.5	23	26	1.6
3	51	78	12	98	34	9.0	22	25	1.5
4	30	45	3.7	48	37	4.8	21	29	1.7
5	26	34	2.4	38	40	4.1	28	45	3.7
6	29	31	2.5	35	41	3.9	263	598	592
7	34	30	2.7	142	319	248	239	289	265
8	43	70	11	191	183	102	65	84	15
9	23	38	2.3	103	57	16	43	61	7.2
10	22	29	1.7	55	44	6.6	36	57	5.5
11	132	322	238	39	32	3.4	31	56	4.7
12	102	153	51	31	26	2.1	29	56	4.4
13	48	48	6.4	26	28	2.0	27	61	4.4
14	37	40	4.0	24	27	1.7	25	58	4.0
15	30	33	2.7	23	24	1.5	24	53	3.4
16	28	27	2.0	21	21	1.2	112	292	122
17	27	29	2.2	19	19	1.0	41	113	13
18	84	172	74	18	19	.93	136	307	350
19	65	82	15	40	69	12	241	277	244
20	40	57	6.2	47	69	9.1	63	76	13
21	37	41	4.1	30	40	3.3	42	60	6.9
22	34	29	2.7	25	27	1.8	33	54	4.8
23	82	104	194	22	24	1.4	28	52	3.9
24	471	679	1440	26	63	5.4	26	52	3.7
25	99	170	48	19	80	4.1	688	1060	3440
26	135	184	98	19	82	4.2	114	248	81
27	102	109	34	20	83	4.5	55	162	25
28	57	53	8.3	57	137	24	33	79	7.1
29	48	42	5.5	29	43	3.4	26	48	3.4
30	42	36	4.1	---	---	---	22	42	2.5
31	48	50	6.4	---	---	---	22	40	2.3

07273100 HOTOPHA CREEK NEAR BATESVILLE, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	18	34	1.7	20	34	1.9	12	89	2.9
2	16	32	1.4	19	27	1.4	14	85	3.3
3	15	32	1.3	18	23	1.1	13	80	2.7
4	15	31	1.2	17	20	.92	11	76	2.3
5	16	31	1.3	17	31	1.4	10	72	2.0
6	17	31	1.4	16	55	2.3	9.8	69	1.8
7	16	31	1.3	15	55	2.3	13	64	2.2
8	15	30	1.2	15	44	1.8	66	248	412
9	14	30	1.1	14	41	1.5	431	498	865
10	13	29	1.0	13	40	1.4	62	140	25
11	13	27	.96	17	74	3.5	30	48	4.1
12	13	25	.89	16	58	2.5	148	568	453
13	14	24	.91	14	47	1.7	211	533	605
14	14	22	.83	13	38	1.3	49	127	19
15	14	21	.80	12	33	1.1	24	76	5.0
16	13	23	.80	12	30	.93	19	73	3.8
17	12	25	.80	11	27	.79	17	72	3.3
18	12	27	.85	10	26	.72	157	406	357
19	13	29	1.0	10	26	.69	49	177	28
20	14	30	1.1	9.7	25	.66	25	53	3.7
21	453	757	1550	10	25	.68	20	28	1.6
22	288	274	326	9.6	25	.64	18	20	.97
23	562	621	1460	9.4	22	.56	16	14	.62
24	125	85	29	9.2	21	.51	15	10	.41
25	71	61	12	8.9	21	.49	15	9	.34
26	43	44	5.2	8.8	20	.48	15	8	.32
27	26	38	2.6	21	82	15	14	8	.28
28	22	35	2.0	86	284	90	13	7	.25
29	23	33	2.1	21	135	7.7	12	7	.23
30	24	38	2.4	15	114	4.6	12	7	.23
31	---	---	---	12	96	3.2	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	11	8	.23	25	100	7.3	7.4	7	.16
2	11	8	.22	19	78	4.3	20	188	14
3	11	8	.22	16	36	1.5	12	22	.70
4	10	7	.20	13	28	.97	11	12	.36
5	9.8	7	.20	11	22	.67	9.7	16	.42
6	9.7	8	.21	11	17	.48	8.9	17	.40
7	9.5	9	.22	9.7	13	.34	8.5	15	.35
8	9.7	7	.18	9.3	11	.29	9.5	384	13
9	11	6	.17	9.0	11	.26	8.7	157	3.9
10	9.6	5	.13	8.7	10	.24	8.1	58	1.3
11	9.1	5	.12	8.9	11	.26	7.5	36	.74
12	8.7	6	.13	9.1	11	.27	6.7	25	.45
13	8.0	7	.15	8.7	11	.26	6.8	18	.33
14	8.2	7	.15	8.5	10	.24	7.2	26	.51
15	8.7	7	.16	8.5	10	.23	7.8	49	1.0
16	8.5	7	.15	8.5	9	.21	27	436	40
17	7.9	6	.14	8.5	10	.23	26	328	29
18	7.4	6	.13	8.4	12	.26	14	45	1.8
19	7.0	6	.12	8.1	12	.26	11	28	.82
20	11	104	10	9.1	30	.98	10	23	.62
21	14	144	9.1	7.8	13	.27	509	534	1440
22	7.8	16	.33	7.7	10	.20	46	96	14
23	7.7	11	.23	7.6	10	.20	19	39	2.0
24	24	114	120	7.3	11	.21	13	23	.85
25	160	443	454	7.0	12	.22	11	15	.47
26	21	70	4.0	7.2	10	.19	11	16	.48
27	19	124	7.3	7.3	9	.18	134	285	129
28	18	72	3.6	7.4	10	.19	46	203	29
29	14	40	1.5	7.1	11	.21	18	63	3.2
30	15	149	6.7	6.9	11	.21	12	36	1.2
31	106	235	132	6.8	11	.20	---	---	---

07274000 YOCONA RIVER NEAR OXFORD, MS

LOCATION.--Lat 34°16'23", long 89°31'11", in SE1/4 NW1/4 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 mi^2.

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 sea level. Prior to Jan. 1, 1972, at datum 5.00 ft higher.

REMARKS.--No estimated daily discharge. Records good. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 23	0600	*6,950	*22.40	No peak greater than base discharge.			

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	25	51	546	468	696	332	387	66	39	128	23
2	15	44	49	864	476	520	252	326	418	38	91	885
3	68	49	47	634	408	414	205	281	125	38	104	206
4	41	37	89	540	393	366	180	243	67	32	62	136
5	28	33	72	421	338	399	151	208	51	30	41	69
6	25	56	63	789	323	1590	151	178	42	29	38	49
7	23	258	59	789	528	1620	129	154	51	29	31	45
8	22	209	158	631	1150	1280	120	140	424	31	26	49
9	19	91	549	557	1320	934	100	141	850	49	24	47
10	18	68	333	432	1080	692	87	127	678	50	22	41
11	17	391	201	775	881	511	79	192	660	38	21	37
12	20	238	141	1050	666	439	76	157	480	30	26	31
13	17	128	121	770	490	395	76	132	418	28	23	28
14	16	92	105	699	413	366	73	131	482	30	19	27
15	16	72	100	520	374	343	93	125	431	52	18	32
16	19	64	2060	402	327	382	77	106	270	36	17	156
17	16	58	1410	357	291	371	67	89	179	36	25	83
18	15	54	2270	669	276	470	57	74	154	34	22	41
19	14	51	2410	823	412	1260	79	63	180	29	17	35
20	18	50	1520	686	899	818	1210	56	173	26	16	31
21	16	47	1080	611	727	675	3130	49	114	29	16	411
22	15	42	761	465	680	489	2630	45	89	28	14	200
23	14	98	569	489	517	403	6280	45	75	33	14	92
24	16	90	421	1510	407	361	2860	44	64	31	13	53
25	15	82	342	994	349	2650	1760	38	100	177	13	44
26	14	67	287	1310	315	1590	1220	37	98	76	18	38
27	108	60	248	1100	304	1330	907	71	54	367	26	398
28	111	55	220	835	1090	928	737	228	48	555	75	437
29	40	53	191	720	797	700	578	103	45	139	24	229
30	28	51	175	601	---	512	473	65	42	75	19	121
31	23	---	386	558	---	412	---	47	---	281	19	---
TOTAL	842	2713	16488	22147	16699	23916	24169	4082	6928	2495	1022	4074
MEAN	27.2	90.4	532	714	576	771	806	132	231	80.5	33.0	136
MAX	111	391	2410	1510	1320	2650	6280	387	850	555	128	885
MIN	14	25	47	357	276	343	57	37	42	26	13	23
CFSM	.10	.35	2.03	2.73	2.20	2.94	3.07	.50	.88	.31	.13	.52
IN.	.12	.39	2.34	3.14	2.37	3.40	3.43	.58	.98	.35	.15	.58

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 1996, BY WATER YEAR (WY)

MEAN	74.7	289	597	584	694	786	730	456	239	129	84.9	107
MAX	424	2145	3396	2086	2204	2558	2545	2055	1292	752	487	1239
(WY)	1983	1958	1983	1974	1991	1973	1991	1983	1994	1994	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1952 - 1996	
ANNUAL TOTAL	145210		125575			
ANNUAL MEAN	398		343		396	
HIGHEST ANNUAL MEAN					877	1983
LOWEST ANNUAL MEAN					123	1981
HIGHEST DAILY MEAN	5740	Mar 7	6280	Apr 23	25600	Dec 26 1982
LOWEST DAILY MEAN	14	Oct 19	13	Aug 24	5.1	Aug 26 1987
ANNUAL SEVEN-DAY MINIMUM	15	Oct 17	15	Aug 19	5.7	Aug 12 1954
INSTANTANEOUS PEAK FLOW			6950	Apr 23	44100	Mar 21 1955
INSTANTANEOUS PEAK STAGE			22.40	Apr 23	28.72	Mar 21 1955
INSTANTANEOUS LOW FLOW			12	Aug 26	4.4	Sep 14 1954
ANNUAL RUNOFF (CFSM)	1.52		1.31		1.51	
ANNUAL RUNOFF (INCHES)	20.62		17.83		20.53	
10 PERCENT EXCEEDS	1100		854		987	
50 PERCENT EXCEEDS	128		120		98	
90 PERCENT EXCEEDS	21		22		18	

07274251 TOWN CREEK AT WATER VALLEY, MS

LOCATION.--Lat 34°08'50", long 89°38'02", NE1/4 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 ofthe intersection of Mississippi State Highways 7 and 315, on Mississippi State Highway 7 in Water Valley.

DRAINAGE AREA.--2.25 mi^2.

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 sea level.

REMARKS.--Estimated daily discharges: Jan. 1,6, Mar 10, June 19-22. Records good except for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak dicharges greater than base discharge of 350 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jun. 13	0945	*982	*8.81	Jul. 27	1345	552	7.40

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.5	2.3	e6.4	3.9	3.7	3.2	3.1	8.3	3.5	2.9	17
2	2.8	4.4	2.5	7.1	4.2	3.6	3.3	3.1	3.3	3.3	12	11
3	5.5	2.3	2.8	4.4	3.7	3.6	3.6	3.1	2.1	3.1	3.3	7.2
4	2.5	1.9	2.5	3.5	3.7	3.8	3.9	3.1	2.1	3.1	3.1	2.5
5	2.1	1.9	2.4	3.5	3.8	12	4.0	3.1	2.1	2.9	3.0	3.0
6	2.1	2.9	2.4	e3.4	4.2	19	4.0	3.0	2.3	2.9	3.1	3.0
7	2.1	5.6	2.4	3.3	9.5	9.6	4.2	2.8	4.1	2.9	3.3	3.0
8	2.3	2.5	9.6	3.3	6.9	4.4	4.2	2.8	49	13	5.5	3.9
9	2.3	2.0	2.6	3.4	5.6	3.7	4.1	2.9	19	2.5	4.2	4.1
10	2.3	2.2	2.4	3.3	4.8	e3.6	4.0	2.9	3.0	2.2	2.9	4.4
11	2.4	4.7	2.8	21	4.4	3.6	4.2	3.2	2.6	2.3	3.9	4.6
12	2.5	2.7	2.4	5.4	4.4	3.1	4.4	2.9	10	2.4	3.4	4.7
13	2.3	2.2	2.5	4.3	4.2	3.1	4.5	3.0	114	2.1	3.2	5.0
14	2.1	2.0	2.6	4.1	4.3	3.1	4.7	2.9	21	2.7	3.3	5.3
15	2.6	2.0	19	4.1	4.1	3.3	4.0	2.8	12	2.9	3.6	8.8
16	2.3	2.1	4.8	4.0	4.0	3.4	4.0	2.9	9.6	2.4	3.8	18
17	2.1	2.1	28	4.1	4.0	3.1	4.1	2.9	8.2	2.3	3.6	4.3
18	2.1	2.1	29	6.0	3.8	14	4.0	2.9	11	2.3	3.4	4.4
19	2.1	2.1	5.8	4.1	7.7	7.1	4.0	3.0	e5.0	2.4	3.7	4.9
20	2.4	2.2	3.7	4.2	4.2	3.8	5.3	3.0	e4.4	2.4	5.5	4.7
21	2.0	2.2	3.1	4.5	3.9	3.1	36	2.9	e4.2	2.5	3.3	29
22	2.2	2.2	2.9	3.7	4.2	3.1	30	2.7	e4.1	2.5	2.7	1.8
23	2.8	3.8	2.9	8.4	3.9	3.1	33	2.6	4.0	2.6	2.6	1.7
24	2.1	2.1	2.9	8.4	3.7	3.2	5.0	2.6	4.0	14	2.9	1.9
25	2.1	2.0	2.9	4.2	3.7	35	3.9	2.8	4.0	2.2	3.0	1.7
26	2.1	2.1	3.1	8.1	3.9	4.6	3.3	2.8	3.9	2.1	3.2	2.0
27	12	2.1	3.1	4.4	6.0	4.3	3.0	6.3	3.7	35	3.5	32
28	1.7	2.1	3.1	4.4	8.8	3.8	2.9	6.6	3.7	4.3	6.7	10
29	1.7	2.1	3.2	4.2	3.9	3.6	3.5	2.4	3.8	5.2	3.9	2.9
30	2.1	2.2	3.1	4.4	---	3.6	3.1	2.2	3.8	6.0	3.5	2.4
31	1.8	---	7.3	4.1	---	4.1	---	2.1	---	5.9	3.6	---
TOTAL	82.4	75.3	170.1	161.7	137.4	186.1	205.4	95.4	332.3	145.9	119.6	209.2
MEAN	2.66	2.51	5.49	5.22	4.74	6.00	6.85	3.08	11.1	4.71	3.86	6.97
MAX	12	5.6	29	21	9.5	35	36	6.6	114	35	12	32
MIN	1.7	1.9	2.3	3.3	3.7	3.1	2.9	2.1	2.1	2.1	2.6	1.7
MED	2.2	2.1	2.9	4.2	4.2	3.6	4.0	2.9	4.1	2.7	3.4	4.4
CFSM	1.18	1.12	2.44	2.32	2.11	2.67	3.04	1.37	4.92	2.09	1.71	3.10
IN.	1.36	1.24	2.81	2.67	2.27	3.08	3.40	1.58	5.49	2.41	1.98	3.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1996, BY WATER YEAR (WY)

MEAN	2.75	4.64	7.28	5.73	10.4	6.23	6.93	4.82	4.97	4.00	3.56	3.20
MAX	3.96	14.2	19.4	13.1	35.5	10.2	29.5	9.80	11.1	7.68	7.22	6.97
(WY)	1995	1987	1991	1989	1991	1995	1991	1985	1996	1985	1985	1996
MIN	1.96	2.51	2.69	2.65	2.60	2.96	2.36	2.30	2.08	2.29	1.95	1.98
(WY)	1990	1996	1990	1986	1986	1993	1986	1987	1988	1987	1988	1986

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1985 - 1996	
ANNUAL TOTAL	1845.82		1920.8			
ANNUAL MEAN	5.06		5.25		5.27	
HIGHEST ANNUAL MEAN					10.2	1991
LOWEST ANNUAL MEAN					3.39	1993
HIGHEST DAILY MEAN	88	Mar 7	114	Jun 13	556	Feb 19 1991
LOWEST DAILY MEAN	1.7	Oct 28	1.7	Oct 28	1.7	May 16 1987
ANNUAL SEVEN-DAY MINIMUM	2.1	Nov 13	2.1	Nov 13	1.7	May 16 1987
INSTANTANEOUS PEAK FLOW			982	Jun 13	1800	Dec 21 1990
INSTANTANEOUS PEAK STAGE			8.81	Jun 13	11.00	Dec 21 1990
INSTANTANEOUS LOW FLOW			1.0	Jun 5a	1.4	Oct 2 1990
ANNUAL RUNOFF (CFSM)	2.25		2.33		2.34	
ANNUAL RUNOFF (INCHES)	30.52		31.76		31.83	
10 PERCENT EXCEEDS	7.0		8.4		6.4	
50 PERCENT EXCEEDS	3.4		3.4		2.7	
90 PERCENT EXCEEDS	2.1		2.1		2.0	

e Estimated

a Also occurred on July 8 and Sept. 26.

07274252 OTOUCALOFA CREEK CANAL NEAR WATER VALLEY, MS

LOCATION.--Lat 34°08'36", long 89°38'59", in SE 1/4 NE 1/4 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 mi^2.

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 sea level. 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. No estimated daily discharges. Discharge records good.

AVERAGE DISCHARGE.--11 years, 176 ft^3/s, 24.62 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 17,700 ft^3/s, Feb. 19, 1991, gage height, 18.23 ft; maximum gage height, 20.10 ft, May 1, 1991; minimum, 11 ft^3/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, 5,970 ft^3/s, Apr. 23, gage height, 13.38 ft; minimum, 16 ft^3/s, Aug. 25-27.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,690 mg/L, Mar. 25; minimum daily mean, 20 mg/L, Oct. 1.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 15,000 tons, Apr. 23; minimum daily, 1.1 tons, Aug. 27.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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...	1130	32	80	6.8	24.0	6.6	0.020	0.280	0.180	0.420	0.360	2.4
18...	1245	33	69	6.2	19.5	8.0	0.030	0.200	0.290	0.310	0.230	2.6
30...	1330	32	84	7.0	14.0	8.8	0.100	0.470	0.170	0.430	0.380	5.1
NOV												
28...	1000	37	68	6.6	10.0	10.0	0.020	0.360	0.420	0.290	0.250	3.3
DEC												
05...	1215	44	69	6.6	14.5	9.4	0.020	0.220	0.200	0.210	0.140	2.9
13...	0915	76	68	6.6	8.5	4.0	0.010	0.270	0.590	0.220	0.210	3.3
FEB												
28...	1430	764	49	7.0	12.5	9.4	--	--	--	--	--	--
MAY												
20...	1200	33	78	7.0	28.0	8.8	--	--	--	--	--	--
AUG												
13...	0930	35	75	6.6	22.5	7.2	--	--	--	--	--	--

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

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	27	20	1.5	38	39	4.1	33	36	3.2
2	27	26	1.9	103	118	43	32	34	3.0
3	52	131	19	73	75	15	32	35	3.1
4	43	65	7.6	44	45	5.4	53	76	12
5	34	47	4.4	38	38	4.0	46	89	12
6	31	38	3.2	52	58	9.0	34	47	4.3
7	30	47	3.8	113	158	56	33	84	7.9
8	29	62	4.9	87	107	27	149	791	852
9	31	80	6.7	49	74	9.7	242	781	705
10	33	67	6.0	43	47	5.4	81	84	19
11	31	46	3.3	191	233	145	60	57	9.3
12	28	44	4.2	86	58	14	55	41	6.2
13	31	50	4.3	57	44	6.7	49	33	4.4
14	30	53	4.8	45	41	5.0	42	46	5.6
15	30	59	5.3	46	47	5.8	211	1080	3700
16	30	65	5.5	42	42	4.7	834	2010	6830
17	30	68	5.5	40	37	4.0	968	1630	5830
18	29	82	6.4	38	34	3.5	1360	1010	3180
19	25	74	5.1	37	31	3.1	789	261	773
20	26	48	3.3	37	30	3.0	213	89	51
21	24	35	2.3	34	32	3.0	137	76	28
22	28	57	4.5	33	34	3.0	109	56	17
23	26	45	3.2	67	89	19	95	43	11
24	25	55	3.8	58	70	11	85	42	9.7
25	25	47	3.2	43	37	4.3	80	42	9.1
26	26	34	2.4	38	33	3.4	74	42	8.3
27	195	1290	1140	40	39	4.5	71	39	7.5
28	102	361	140	38	41	4.2	64	37	6.4
29	43	79	9.3	33	42	3.7	60	39	6.2
30	40	79	9.0	31	47	4.0	61	45	7.5
31	36	53	5.1	---	---	---	210	285	216
		JANUARY			FEBRUARY			MARCH	
1	271	574	868	104	41	12	139	88	34
2	445	809	1290	132	166	60	114	51	16
3	162	103	46	100	107	30	94	86	22
4	105	54	16	81	95	22	84	141	32
5	88	41	9.7	74	87	19	131	156	84
6	407	523	806	79	69	15	519	795	1430
7	270	187	169	272	525	727	557	648	1180
8	134	55	20	508	649	999	196	151	84
9	107	41	12	449	396	588	137	64	24
10	93	35	8.9	207	119	68	117	105	33
11	484	716	1740	140	76	29	105	156	45
12	449	163	262	107	51	15	98	102	27
13	173	57	27	95	42	11	90	61	15
14	123	45	15	88	35	8.3	83	37	8.3
15	100	38	10	80	34	7.4	79	33	6.9
16	89	37	8.9	71	36	6.9	88	33	7.9
17	81	37	8.0	66	38	6.7	79	34	7.3
18	219	646	884	67	40	7.1	302	394	942
19	242	340	303	131	198	117	653	886	2050
20	121	71	23	372	695	825	195	110	62
21	114	51	16	139	110	44	135	73	27
22	94	37	9.4	104	50	14	110	75	22
23	132	237	530	91	41	10	94	75	19
24	1130	938	3640	75	34	6.9	86	96	23
25	247	175	119	67	33	5.9	1690	2690	14600
26	298	356	358	66	34	6.1	415	173	228
27	281	176	157	100	199	142	220	86	51
28	153	76	32	781	867	2160	179	65	32
29	131	54	19	214	193	116	160	48	21
30	123	44	15	---	---	---	141	42	16
31	120	37	12	---	---	---	131	40	14

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

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	109	38	11	96	41	11	77	162	129
2	96	36	9.5	84	37	8.4	305	490	480
3	90	34	8.4	75	36	7.2	81	110	25
4	86	31	7.3	67	35	6.4	52	69	9.7
5	83	29	6.4	61	32	5.2	42	45	5.2
6	83	26	5.9	58	30	4.7	37	35	3.5
7	80	27	5.8	55	35	5.2	42	60	7.0
8	75	28	5.7	54	40	5.9	286	661	1580
9	70	29	5.5	49	41	5.5	513	1160	3070
10	66	29	5.2	46	39	4.8	112	95	30
11	64	30	5.1	55	63	9.6	84	73	17
12	62	32	5.4	58	68	11	385	542	1260
13	66	32	5.7	48	40	5.3	1100	1430	9260
14	65	31	5.5	45	35	4.3	284	229	189
15	77	30	6.3	42	38	4.3	152	115	48
16	63	33	5.6	40	40	4.4	117	65	21
17	56	37	5.6	38	43	4.4	99	40	11
18	54	42	6.1	38	40	4.1	94	44	11
19	56	44	6.6	35	36	3.3	96	43	11
20	157	188	152	33	29	2.6	85	39	8.9
21	1690	1610	10900	32	28	2.4	78	35	7.5
22	1100	1340	8170	31	29	2.5	74	35	7.0
23	2690	1560	15000	30	28	2.3	69	35	6.5
24	645	429	780	29	27	2.1	65	35	6.1
25	366	183	185	27	26	1.9	63	35	5.9
26	241	101	67	27	25	1.9	64	34	5.9
27	164	68	30	47	229	55	59	33	5.3
28	127	62	21	146	906	502	55	32	4.8
29	121	59	19	56	127	20	54	27	3.9
30	119	55	18	39	53	5.7	52	22	3.1
31	---	---	---	35	34	3.3	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	52	22	3.0	68	61	11	22	41	6.0
2	50	40	5.3	307	816	1190	788	905	3240
3	47	31	3.9	153	153	79	104	134	36
4	45	28	3.5	68	70	13	63	79	14
5	44	29	3.4	51	39	5.5	45	48	5.9
6	42	29	3.3	54	44	7.6	37	42	4.2
7	41	30	3.2	50	50	6.7	33	39	3.4
8	140	264	247	41	35	3.9	31	36	3.0
9	160	248	133	60	71	13	32	34	2.9
10	64	60	10	38	35	3.6	29	32	2.4
11	50	45	6.1	37	36	4.1	27	30	2.1
12	47	41	5.2	58	68	13	26	33	2.3
13	45	41	4.9	34	34	3.1	25	39	2.7
14	47	55	7.0	30	36	3.0	25	39	2.6
15	55	67	9.9	28	37	2.8	27	37	2.7
16	48	55	7.2	27	38	2.7	57	64	11
17	43	44	5.1	24	31	2.0	45	47	5.9
18	40	41	4.4	24	23	1.5	33	37	3.2
19	38	41	4.2	31	55	4.9	36	37	3.8
20	37	38	3.8	22	44	2.7	30	42	3.4
21	48	57	8.0	21	45	2.5	588	554	977
22	39	53	5.5	19	42	2.2	115	87	31
23	37	68	6.8	18	37	1.8	53	67	9.7
24	374	846	2930	17	36	1.7	40	52	5.7
25	260	376	347	16	37	1.6	36	38	3.7
26	93	102	27	16	37	1.6	34	29	2.7
27	440	1090	2900	16	26	1.1	657	473	1210
28	294	466	727	101	211	85	242	283	189
29	89	68	16	30	58	4.8	96	73	20
30	77	87	19	21	40	2.2	63	50	8.4
31	73	68	13	17	28	1.3	---	---	---

07275530 PETERS (LONG) CREEK NEAR POPE, MS

LOCATION.--Lat 34°12'50", long 89°58'54", in NW 1/4 SE 1/4 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 mi^2.

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.--Sutron 8200 Data Collection Platform and crest-stage gage. Datum of gage is 182.51 ft above sea level. 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.--9 years, 124 ft^3/s, 21.26 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 26,500 ft^3/s, Feb. 3, 1990, gage height, 19.86 ft; maximum gage height, 21.13 ft, Feb. 19, 1991; minimum, 1.6 ft^3/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, Oct. 26, 27, 1992.
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, 7,910 ft^3/s, Apr. 22, gage height, 13.11 ft; minimum, 7.9 ft^3/s, Oct. 2.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 1,890 mg/L, July 25; minimum daily mean, 2 mg/L, Oct. 5-7.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 9,370 tons, Sept. 21; minimum daily, 0.05 ton, Oct. 6-7.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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							
02...	1600	8.3	108	7.5	30.0	8.8	0.010
18...	1130	8.7	102	7.1	19.0	9.2	<0.010
30...	1430	10	107	7.4	15.5	10.3	<0.010
NOV							
28...	0815	12	99	6.6	9.5	10.2	<0.010
DEC							
05...	1130	13	95	6.8	15.0	10.9	<0.010
13...	1445	12	94	7.0	14.5	9.9	0.010
FEB							
28...	0815	49	83	7.8	12.0	9.8	--
APR							
23...	0630	2120	--	--	--	--	--
MAY							
23...	0830	16	106	7.6	22.5	8.2	--
AUG							
12...	1430	14	97	8.5	33.0	8.3	--

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							
02...	<0.020	0.010	<0.020	0.020	1.4	--	--
18...	<0.020	<0.010	0.030	0.010	1.1	--	--
30...	0.030	0.010	0.100	0.020	3.0	--	--
NOV							
28...	<0.020	0.020	0.020	0.030	2.2	--	--
DEC							
05...	<0.020	0.010	0.040	0.020	2.1	--	--
13...	0.210	0.040	0.060	0.050	3.5	--	--
FEB							
28...	--	--	--	--	--	--	--
APR							
23...	--	--	--	--	--	675	3860
MAY							
23...	--	--	--	--	--	--	--
AUG							
12...	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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)
APR										
23...	0630	14	20	27	43	76	93	94	97	100

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

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	9.2	6	.14	11	33	1.0	12	5	.18
2	8.8	5	.12	24	77	5.1	12	5	.16
3	11	4	.11	14	38	1.5	13	4	.16
4	11	3	.09	11	14	.42	14	6	.21
5	9.5	2	.06	10	7	.20	13	15	.52
6	8.9	2	.05	15	19	.86	12	7	.21
7	8.5	2	.05	155	148	90	11	5	.17
8	8.7	3	.06	31	30	2.6	114	232	214
9	8.9	3	.07	14	22	.80	119	172	86
10	8.9	4	.08	13	15	.50	17	50	2.4
11	8.8	4	.09	95	201	68	13	21	.72
12	8.9	4	.10	20	33	1.9	12	15	.48
13	9.3	4	.10	13	18	.67	11	20	.58
14	9.1	4	.11	12	15	.49	11	16	.46
15	8.7	5	.11	12	12	.39	418	413	2790
16	8.9	4	.11	12	10	.32	799	649	2890
17	8.9	6	.13	12	9	.27	619	325	765
18	9.0	16	.39	11	7	.22	1680	693	5310
19	9.1	9	.22	11	6	.19	349	184	253
20	9.9	4	.11	11	6	.18	48	57	7.9
21	9.4	4	.10	11	8	.24	24	26	1.7
22	9.2	4	.11	11	28	.84	18	16	.77
23	9.3	9	.23	25	48	3.3	15	13	.52
24	9.2	19	.47	19	8	.40	14	11	.44
25	9.1	20	.49	13	6	.21	13	10	.37
26	9.7	20	.52	12	6	.21	13	9	.31
27	23	70	5.0	13	12	.41	12	8	.26
28	18	14	.74	12	11	.36	11	6	.19
29	10	7	.21	12	6	.19	11	6	.17
30	9.9	16	.43	12	6	.19	11	6	.18
31	10	11	.31	---	---	---	50	55	10
		JANUARY			FEBRUARY			MARCH	
1	99	149	161	26	47	3.4	25	51	3.4
2	642	330	919	33	42	3.9	24	49	3.2
3	71	94	19	38	42	5.0	23	46	2.8
4	37	45	4.6	26	80	5.8	21	44	2.5
5	27	25	1.9	25	63	4.4	25	41	2.8
6	44	62	8.6	15	41	1.6	675	746	1910
7	41	66	7.6	395	745	1350	593	285	694
8	25	39	2.6	460	386	558	90	72	18
9	20	29	1.6	171	116	63	45	61	7.4
10	19	28	1.4	50	61	8.4	37	55	5.6
11	371	347	835	31	36	3.0	32	51	4.4
12	195	97	67	23	23	1.4	31	47	3.9
13	51	50	6.9	20	23	1.3	30	45	3.6
14	31	34	2.9	19	25	1.3	30	44	3.6
15	23	25	1.5	18	25	1.2	29	51	4.0
16	20	27	1.4	16	21	.93	50	86	12
17	18	29	1.4	16	22	.94	41	74	8.3
18	71	146	57	16	24	1.0	364	628	2540
19	59	51	14	28	166	28	641	634	1600
20	24	33	2.2	51	262	45	134	75	32
21	21	29	1.6	26	68	5.0	60	47	7.6
22	17	25	1.1	22	48	2.9	48	42	5.5
23	229	258	1540	22	45	2.6	42	41	4.7
24	1250	526	3440	20	46	2.5	40	45	5.3
25	77	103	24	19	49	2.5	2250	1030	9310
26	335	279	460	19	51	2.6	194	68	36
27	187	150	90	20	83	4.9	84	57	13
28	44	36	4.2	44	134	16	60	55	8.9
29	33	26	2.3	29	55	4.3	44	53	6.4
30	28	26	2.0	---	---	---	37	50	5.0
31	32	28	2.4	---	---	---	34	47	4.2

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

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	27	45	3.3	30	32	2.6	21	27	1.9
2	24	46	3.0	28	18	1.4	22	54	3.3
3	22	48	2.9	27	21	1.5	18	22	1.0
4	21	47	2.7	25	25	1.7	17	18	.80
5	20	39	2.0	24	22	1.4	16	16	.68
6	20	36	2.0	23	16	.99	16	15	.64
7	19	34	1.7	22	14	.84	22	129	8.4
8	18	30	1.4	22	12	.72	30	88	8.5
9	17	19	.87	20	12	.68	128	318	155
10	17	31	1.4	20	13	.69	26	49	3.6
11	17	35	1.6	23	14	.86	21	28	1.6
12	17	35	1.6	21	15	.87	758	517	2430
13	19	34	1.7	20	16	.86	421	732	1480
14	17	33	1.5	20	16	.85	68	85	16
15	18	32	1.6	20	16	.84	33	61	5.5
16	16	34	1.4	19	15	.75	28	44	3.3
17	15	36	1.4	18	13	.66	25	32	2.1
18	15	37	1.5	18	12	.60	189	331	363
19	16	38	1.6	17	14	.64	55	120	24
20	131	86	39	17	16	.72	26	43	3.1
21	2150	506	4400	17	15	.69	23	25	1.5
22	896	214	1580	17	14	.65	22	22	1.3
23	1810	485	3900	16	15	.65	21	20	1.1
24	205	145	85	16	15	.67	20	18	.99
25	99	67	18	16	17	.70	41	170	47
26	66	32	5.8	16	19	.82	33	82	9.0
27	48	24	3.2	17	28	1.3	21	27	1.6
28	41	22	2.5	45	173	31	20	20	1.1
29	39	22	2.4	20	30	1.6	18	20	.99
30	36	29	2.9	17	18	.84	18	20	.99
31	---	---	---	17	14	.64	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	18	20	.99	26	30	2.0	13	14	.49
2	19	19	.95	29	58	4.8	18	16	.79
3	19	17	.85	17	41	2.0	14	32	1.2
4	19	16	.84	13	29	1.0	35	46	4.5
5	19	16	.83	13	22	.75	15	26	1.0
6	19	16	.82	13	17	.58	13	18	.64
7	19	16	.84	12	15	.48	13	17	.59
8	20	16	.87	12	16	.54	13	17	.57
9	23	15	.96	13	18	.61	13	16	.57
10	18	13	.64	13	17	.57	12	15	.49
11	17	13	.61	14	16	.58	12	14	.45
12	17	14	.67	14	18	.65	11	13	.39
13	17	16	.74	13	18	.66	11	13	.39
14	17	17	.82	13	17	.61	11	19	.57
15	24	62	4.3	13	16	.58	11	28	.85
16	17	31	1.4	13	16	.57	49	34	4.6
17	16	18	.79	13	15	.53	18	23	1.1
18	15	15	.62	13	15	.50	13	16	.58
19	14	15	.57	13	14	.48	12	14	.47
20	119	226	515	12	14	.47	12	12	.40
21	65	179	79	12	14	.46	1210	1220	9370
22	15	30	1.2	12	14	.46	41	72	8.5
23	14	23	.90	12	14	.46	21	37	2.1
24	22	198	34	11	14	.43	16	21	.89
25	126	1890	1020	11	14	.43	15	17	.67
26	16	200	9.2	11	14	.41	14	19	.83
27	79	422	210	12	13	.41	283	377	373
28	29	175	17	12	12	.40	55	73	11
29	25	154	54	12	13	.42	20	39	2.2
30	62	423	108	12	14	.43	15	22	.91
31	106	375	211	12	14	.45	---	---	---

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS

LOCATION.--Lat 34°37'54", long 89°55'30", in SE 1/4 NW 1/4 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 mi^2.

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 sea level. 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: Oct. 5, 12, Feb. 19-20, 27-28, Mar. 25, 31. Discharge records fair except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--10 years, 190 ft^3/s, 21.32 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 19,100 ft^3/s, Feb. 3, 1990, gage height, 19.91 ft; minimum, 22 ft^3/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, 5,120 ft^3/s, Jan. 24, gage height, 15.52 ft; minimum, 29 ft^3/s, part of each day May 17-23.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,370 mg/L, Jan. 24; minimum daily mean, 7 mg/L, Oct. 21-26.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 17,800 tons, Jan. 24; minimum daily, 0.74 ton, Oct. 23-24.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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...	1045	38	59	6.8	22.0	8.3	--	--
18...	0930	36	54	7.0	15.0	10.2	--	--
31...	0630	40	68	6.8	14.0	8.4	440	370
31...	0900	40	66	7.2	14.0	10.0	--	--
31...	0930	40	66	7.0	15.0	8.6	--	--
31...	1230	40	64	6.9	17.0	8.9	520	160
31...	1530	40	65	6.9	19.0	8.5	--	--
31...	1830	41	69	7.0	18.0	9.1	660	270
31...	2130	40	66	7.0	17.0	9.2	--	--
NOV								
01...	0030	39	66	7.0	17.0	9.4	640	360
01...	0330	38	65	7.0	17.0	9.3	--	--
01...	0630	38	64	7.0	16.5	8.3	--	260
01...	0930	38	64	7.0	17.0	8.9	--	--
01...	1230	38	61	7.0	18.0	9.2	K8700	4200
01...	1530	47	61	6.9	19.0	7.8	--	--
01...	1830	44	65	7.0	18.5	8.8	2000	1200
01...	2130	43	67	7.0	17.5	8.0	--	--
02...	0030	41	66	7.0	17.5	8.6	1100	390
02...	0330	41	68	7.0	17.5	8.4	--	--
02...	0630	47	68	7.0	17.0	--	3700	3800
27...	1200	44	57	6.2	15.5	5.9	--	--
DEC								
05...	0930	51	62	6.6	13.0	9.2	--	--
13...	1245	52	61	6.8	14.5	11.5	--	--
FEB								
27...	1430	64	70	7.0	20.0	9.0	--	--
MAY								
22...	1615	32	62	8.1	30.5	9.6	--	--
AUG								
12...	1730	49	57	6.7	29.5	6.7	--	--

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT								
02...	<0.010	0.190	0.010	<0.020	0.020	0.60	--	--
18...	<0.010	0.170	<0.010	<0.020	0.010	0.70	--	--
31...	0.010	0.370	0.020	0.060	0.050	2.3	37	4.0
31...	0.010	0.390	0.010	0.080	0.050	2.7	32	3.5
31...	0.010	0.410	0.010	0.060	0.050	2.3	32	3.5
31...	0.010	0.340	0.020	0.060	0.060	2.3	35	3.8
31...	0.010	0.310	0.020	0.060	0.070	2.2	36	3.9
31...	0.020	0.660	0.030	0.060	0.060	2.7	40	4.4
31...	0.010	0.370	0.030	0.070	0.060	2.3	38	4.1
NOV								
01...	0.010	0.350	0.030	0.070	0.060	2.2	45	4.7
01...	0.010	0.310	0.020	0.050	0.060	2.2	40	4.1
01...	0.010	0.320	0.030	0.050	0.060	2.1	35	3.6
01...	0.010	0.320	0.030	0.050	0.060	2.1	34	3.5
01...	0.010	0.280	0.020	0.070	0.070	2.1	39	4.0
01...	0.010	0.300	0.020	0.080	0.070	2.4	52	6.6
01...	0.010	0.310	0.010	0.090	0.070	2.7	46	5.5
01...	0.010	0.340	0.020	0.080	0.070	2.5	42	4.9
02...	0.010	0.340	0.030	0.090	0.070	2.4	48	5.3
02...	0.010	0.330	0.030	0.070	0.070	2.4	36	4.0
02...	0.010	0.280	0.020	0.120	0.090	3.0	65	8.2
27...	0.010	0.220	0.020	<0.020	0.020	0.90	--	--
DEC								
05...	0.010	0.390	0.030	0.100	0.060	1.6	--	--
13...	0.010	0.400	0.040	0.050	0.050	2.1	--	--
FEB								
27...	--	--	--	--	--	--	--	--
MAY								
22...	--	--	--	--	--	--	--	--
AUG								
12...	--	--	--	--	--	--	--	--

DATE	TIME	COLOR (PLATINUM-COBALT UNITS) (00080)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	ALKALINITY LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
NOV											
01...	1530	<5	3.8	1.6	5.6	2.1	20	1.5	5.1	<0.10	14

DATE	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS) (01003)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD) (01028)
NOV										
01...	48	0.010	0.300	0.020	0.070	310	<1	2	<1	<1

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G) (01029)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOTTOM MATERIAL (UG/G AS CO) (01038)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU) (01043)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE) (01170)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)
NOV										
01...	2	<1	<1	<5	2	<1	910	130	950	<1

DATE	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB) (01052)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G) (01053)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG) (71921)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SELENIUM, TOTAL IN BOTTOM MATERIAL (UG/G) (01148)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN) (01093)
NOV										
01...	<10	210	150	120	0.10	<0.01	<1	<1	<4	<10

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	39	15	1.6	41	42	4.7	45	10	1.2
2	38	14	1.4	51	61	8.6	45	10	1.2
3	38	10	.98	40	27	2.9	47	11	1.4
4	39	9	.95	36	20	2.0	90	35	9.4
5	39	8	.84	37	17	1.6	51	75	10
6	38	8	.85	40	17	1.8	47	47	6.0
7	38	8	.83	411	211	324	47	24	3.0
8	38	9	.89	78	36	7.8	96	30	19
9	38	9	.95	49	31	4.1	158	68	45
10	37	10	1.0	46	29	3.6	64	25	4.3
11	38	9	.96	118	52	23	56	21	3.2
12	36	9	.84	54	17	2.5	53	20	2.9
13	37	8	.84	45	14	1.7	52	30	4.2
14	37	8	.82	44	13	1.5	50	17	2.3
15	36	10	.96	42	12	1.4	313	399	1420
16	37	11	1.1	41	11	1.2	786	550	2070
17	37	11	1.1	40	11	1.1	330	227	356
18	37	10	.97	40	10	1.1	1280	943	5180
19	37	8	.82	40	10	1.1	597	186	474
20	38	8	.80	40	10	1.1	142	40	16
21	38	7	.76	39	10	1.1	97	25	6.5
22	38	7	.75	40	10	1.1	82	18	3.9
23	39	7	.74	47	13	1.6	75	13	2.7
24	39	7	.74	44	9	1.1	71	13	2.6
25	40	7	.75	43	8	.97	69	14	2.6
26	40	7	.75	43	10	1.2	67	14	2.5
27	252	229	269	44	23	2.7	66	13	2.4
28	68	48	8.8	44	19	2.3	64	13	2.3
29	45	43	5.3	44	14	1.6	63	12	2.1
30	41	40	4.4	44	10	1.3	62	12	2.0
31	41	37	4.0	---	---	---	412	315	511
		JANUARY			FEBRUARY			MARCH	
1	215	101	74	92	87	21	90	76	19
2	718	575	1550	101	211	58	81	50	11
3	153	105	45	91	103	25	72	51	9.9
4	99	82	22	84	87	20	69	56	10
5	81	75	17	78	72	15	79	73	16
6	75	69	14	77	61	13	132	141	51
7	73	64	12	406	368	623	612	610	1430
8	69	59	11	436	346	437	141	153	59
9	68	54	10	182	156	79	98	107	28
10	71	50	9.5	113	111	34	86	99	23
11	275	231	357	90	79	19	78	98	21
12	231	198	141	77	58	12	77	97	20
13	112	113	34	73	52	10	72	97	19
14	89	73	18	71	49	9.4	69	96	18
15	80	58	12	69	46	8.6	69	95	18
16	74	48	9.7	65	43	7.6	76	93	19
17	73	49	9.6	62	40	6.8	68	85	16
18	511	342	753	62	38	6.4	121	178	149
19	233	150	106	174	225	147	415	407	551
20	117	74	24	187	252	129	125	68	24
21	98	64	17	104	156	44	87	55	13
22	87	59	14	86	89	21	76	62	13
23	397	196	1540	80	53	11	65	68	12
24	1650	2370	17800	70	42	8.0	62	73	13
25	234	258	169	67	35	6.4	1150	2050	6740
26	382	469	718	67	29	5.3	292	271	218
27	266	252	200	82	95	32	155	220	93
28	140	158	60	311	398	327	129	127	44
29	119	137	44	115	122	38	119	58	19
30	106	118	34	---	---	---	105	69	19
31	97	102	27	---	---	---	685	1460	2700

07277700 HICKAHALA CREEK NEAR SENATOBIA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	198	230	146	47	17	2.2	47	380	66
2	100	113	31	47	25	3.1	73	183	48
3	82	82	18	46	30	3.8	46	43	5.3
4	75	45	9.2	46	33	4.0	37	40	4.1
5	68	26	4.7	45	32	3.9	34	38	3.5
6	67	30	5.4	46	31	3.8	33	37	3.2
7	63	39	6.5	102	216	66	55	108	19
8	59	30	4.8	63	93	18	59	97	20
9	56	30	4.6	48	37	4.7	770	939	3280
10	55	39	5.7	48	32	4.2	91	104	28
11	54	37	5.4	632	658	2000	53	54	7.7
12	53	35	5.1	85	82	21	46	51	6.4
13	55	34	5.1	46	48	6.0	51	58	8.3
14	53	35	5.0	39	39	4.2	42	54	6.2
15	54	36	5.2	36	34	3.3	38	42	4.3
16	52	37	5.1	34	46	4.1	36	37	3.6
17	49	38	5.0	31	65	5.4	35	34	3.2
18	49	39	5.2	30	83	6.7	394	378	935
19	238	742	807	30	68	5.5	122	185	85
20	64	66	11	30	52	4.2	53	56	8.0
21	52	52	7.3	31	41	3.3	48	50	6.5
22	76	338	175	30	32	2.6	45	46	5.5
23	506	963	2140	31	31	2.6	43	42	4.9
24	83	81	18	32	31	2.7	42	39	4.4
25	59	61	9.7	32	32	2.8	47	42	6.2
26	52	53	7.5	33	34	3.0	50	55	8.4
27	48	49	6.3	33	35	3.1	40	41	4.4
28	47	52	6.5	86	84	25	38	45	4.7
29	50	50	6.7	44	52	6.4	38	47	4.8
30	50	29	3.9	35	38	3.6	37	40	4.0
31	---	---	---	34	47	4.3	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	36	34	3.3	68	86	18	165	71	93
2	37	29	2.9	49	52	6.9	1910	820	5360
3	36	33	3.2	48	45	5.9	195	191	112
4	36	38	3.8	47	44	5.5	143	166	80
5	37	43	4.2	45	43	5.3	74	74	15
6	36	47	4.6	45	42	5.1	66	60	11
7	37	52	5.2	45	41	5.1	64	49	8.5
8	39	57	6.0	45	40	4.9	63	44	7.4
9	38	61	6.3	45	40	4.8	62	39	6.6
10	36	46	4.5	45	39	4.7	62	36	5.9
11	37	31	3.0	46	35	4.4	61	35	5.8
12	37	39	3.9	48	19	2.5	60	36	5.8
13	37	55	5.5	47	19	2.4	58	37	5.7
14	38	53	5.5	47	20	2.6	58	37	5.8
15	42	49	5.7	48	22	2.9	59	38	6.1
16	40	43	4.6	48	25	3.2	62	39	6.6
17	105	113	43	49	27	3.5	98	54	16
18	45	46	5.5	49	28	3.8	55	39	5.8
19	43	46	5.3	50	30	4.0	53	36	5.1
20	42	45	5.1	52	31	4.4	53	34	4.9
21	44	40	4.7	54	33	4.8	227	346	390
22	42	35	4.0	52	35	4.9	74	79	16
23	45	31	3.8	51	36	5.0	55	51	7.7
24	44	36	4.3	51	38	5.2	52	34	4.7
25	48	47	6.2	51	39	5.3	51	23	3.2
26	54	63	9.4	430	694	2980	52	21	2.9
27	48	36	4.7	549	632	1310	1400	734	3530
28	49	37	4.9	155	130	58	345	260	298
29	46	41	5.1	98	66	18	84	66	15
30	81	89	20	91	44	11	58	40	6.3
31	112	127	51	87	40	9.4	---	---	---

07277730 SENATOBIA CREEK NEAR SENATOBIA,

LOCATION.--Lat 34°37'02", Long 89°56'30", in SE1/4 NW1/4 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 mi^2.

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 sea level.

REMARKS.--Estimated daily discharges: Dec.6 - Mar. 20, 25, Jun. 4, Aug. 9-14, Sept. 2, 27. Records fair except for estimated daily discharges, which are poor.

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 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	13	15	e60	e24	e39	53	19	15	14	15	19
2	12	17	14	e250	e26	e35	34	18	50	14	15	e950
3	12	13	14	e77	e24	e31	27	18	102	14	14	43
4	12	12	17	e24	e22	e29	25	17	e17	14	15	42
5	13	13	15	e22	e21	e31	23	17	23	15	14	17
6	12	14	e12	e20	e20	e35	23	17	15	14	14	15
7	12	104	e12	e19	e110	e450	22	46	21	15	14	14
8	12	28	e70	e18	e115	e66	21	20	20	16	14	13
9	12	13	e190	e19	43	e45	20	17	678	21	e14	13
10	12	13	e32	e19	e18	e38	20	17	54	14	e14	13
11	12	16	e22	e74	e17	e33	37	217	25	14	e14	12
12	12	14	e17	e66	e17	e32	34	32	19	14	e15	13
13	12	13	e13	e30	e16	e30	31	20	20	14	e14	13
14	13	13	e11	e24	e16	e26	26	18	18	15	e14	13
15	12	12	e300	e21	e16	e24	25	17	16	15	13	13
16	12	12	e500	e20	e16	e26	24	16	16	14	14	14
17	13	11	e250	e19	e16	e26	23	16	15	15	14	13
18	13	12	e900	e135	e16	e30	22	16	91	15	14	12
19	12	12	e200	e60	e47	e112	37	15	25	15	15	12
20	13	12	e55	e31	e50	e62	24	15	17	15	15	13
21	12	12	e31	e26	e27	32	35	15	16	15	15	314
22	12	11	e25	e24	e23	25	45	15	15	15	15	29
23	12	15	e22	e110	e21	21	571	21	15	15	15	18
24	12	13	e21	e430	e18	19	32	25	15	15	15	17
25	12	12	e20	e64	e18	e800	21	21	15	18	16	17
26	12	12	e19	e100	e18	99	18	16	15	16	51	16
27	28	12	e19	e72	e27	49	17	15	14	27	104	e900
28	17	11	e18	e35	e81	39	19	51	14	25	36	127
29	11	12	e18	e32	e50	35	21	23	14	16	16	31
30	11	18	e18	e28	---	31	21	15	14	17	18	18
31	13	---	e120	e26	---	177	---	15	---	17	63	---
TOTAL	397	495	2990	1955	933	2527	1351	820	1404	493	649	2754
MEAN	12.8	16.5	96.5	63.1	32.2	81.5	45.0	26.5	46.8	15.9	20.9	91.8
MAX	28	104	900	430	115	800	571	217	678	27	104	950
MIN	11	11	11	18	16	19	17	15	14	14	13	12
MED	12	13	20	30	21	33	24	17	16	15	15	15
AC-FT	787	982	5930	3880	1850	5010	2680	1630	2780	978	1290	5460
CFSM	.16	.20	1.18	.77	.39	.99	.55	.32	.57	.19	.26	1.12
IN.	.18	.22	1.36	.89	.42	1.15	.61	.37	.64	.22	.29	1.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1996, BY WATER YEAR (WY)

MEAN	14.0	82.6	177	132	191	131	123	69.0	100	66.0	26.8	24.0
MAX	21.2	219	370	391	472	288	668	227	457	331	72.1	91.8
(WY)	1987	1987	1991	1989	1990	1992	1991	1991	1989	1989	1993	1996
MIN	10.6	16.5	34.4	25.7	32.2	24.5	11.4	8.54	8.85	8.75	9.47	7.63
(WY)	1988	1996	1990	1987	1996	1986	1986	1986	1988	1986	1988	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1986 - 1996	
ANNUAL TOTAL	29145		16768			
ANNUAL MEAN	79.8		45.8		96.5	
HIGHEST ANNUAL MEAN					175	1989
LOWEST ANNUAL MEAN					45.8	1996
HIGHEST DAILY MEAN	2980	Mar 7	950	Sep 2	5890	Feb 3 1990
LOWEST DAILY MEAN	11	Apr 14	11	Oct 29	7.2	Sep 2 1987
ANNUAL SEVEN-DAY MINIMUM	11	Sep 18	12	Nov 16	7.3	Aug 29 1987
INSTANTANEOUS PEAK FLOW			unknown		12100	Jun 5 1986
INSTANTANEOUS PEAK STAGE			14.28	Dec 18	19.55	Jun 5 1986
INSTANTANEOUS LOW FLOW			8.8	Oct 29	7.1	Sep 1 1987
ANNUAL RUNOFF (CFSM)	.97		.56		1.18	
ANNUAL RUNOFF (INCHES)	13.22		7.61		15.99	
10 PERCENT EXCEEDS	118		66		117	
50 PERCENT EXCEEDS	17		18		16	
90 PERCENT EXCEEDS	12		12		9.1	

e Estimated

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 1995 TO SEPTEMBER 1996

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...	1245	12	87	7.0	29.0	8.9	--	--
18...	1000	12	80	6.9	15.0	8.0	--	--
31...	0700	13	87	6.9	14.0	8.5	780	840
31...	0930	13	82	7.3	14.0	9.2	--	--
31...	1000	13	86	7.0	14.5	8.7	--	--
31...	1300	12	83	7.0	17.0	9.6	K320	480
31...	1600	12	84	7.1	17.5	9.5	--	--
31...	1900	13	85	7.2	17.0	9.6	240	600
31...	2200	13	84	7.0	16.5	9.2	--	--
NOV								
01...	0100	13	86	7.0	16.5	9.1	320	K570
01...	0400	13	85	7.0	16.5	9.1	--	--
01...	0700	12	81	7.0	16.5	7.2	--	740
01...	1000	12	80	7.0	17.0	8.5	--	--
01...	1300	12	77	7.0	18.0	8.7	K380	1000
01...	1600	18	76	7.2	18.5	8.3	--	--
01...	1900	16	80	7.1	18.5	8.4	920	1800
01...	2200	16	82	7.1	18.0	7.3	--	--
02...	0100	14	83	7.0	17.5	8.6	K1900	3800
02...	0400	14	78	7.0	17.0	--	--	--
02...	0700	16	72	7.0	17.0	--	2300	4700
27...	1400	11	83	6.4	13.5	9.9	--	--
DEC								
05...	1015	15	83	6.5	13.0	9.3	--	--
13...	1330	13	82	6.8	10.5	10.2	--	--
FEB								
27...	1545	26	86	7.3	20.5	9.5	--	--
MAY								
22...	1730	16	84	9.0	30.5	10.7	--	--
AUG								
12...	1800	14	78	8.5	31.0	7.0	--	--

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...	0.020	0.860	0.060	0.110	0.070	1.4	--	--
18...	0.020	0.830	0.040	0.060	0.060	1.0	--	--
31...	0.040	0.740	0.080	0.310	0.140	2.4	199	7.0
31...	0.030	0.720	0.060	0.300	0.110	3.1	--	--
31...	0.040	0.740	0.080	0.310	0.140	2.3	182	6.4
31...	0.040	0.740	0.060	0.270	0.140	2.0	170	5.5
31...	0.040	0.760	0.060	0.230	0.140	2.1	163	5.3
31...	0.030	0.770	0.070	0.270	0.130	2.1	196	6.9
31...	0.030	0.770	0.070	0.210	0.100	2.1	169	5.9
NOV								
01...	0.020	0.770	0.060	0.250	0.090	2.6	179	6.3
01...	0.020	0.760	0.060	0.240	0.090	1.3	168	5.9
01...	0.020	0.730	0.080	0.330	0.090	1.9	221	7.2
01...	0.030	0.710	0.070	0.290	0.100	1.9	225	7.3
01...	0.030	0.710	0.060	0.290	0.100	1.9	189	6.1
01...	0.020	0.740	0.050	0.220	0.090	1.7	129	6.3
01...	0.030	0.720	0.060	0.250	0.100	1.7	205	8.9
01...	0.030	0.730	0.050	0.340	0.100	1.9	260	11
02...	0.040	0.720	0.080	0.330	0.150	2.3	--	--
02...	0.060	0.670	0.110	0.510	0.440	2.1	553	21
02...	0.070	0.700	0.120	0.720	0.360	2.1	526	23
27...	0.020	0.900	0.060	0.220	0.060	1.2	--	--
DEC								
05...	0.020	0.880	0.030	0.090	0.040	0.90	--	--
13...	0.020	1.20	0.050	0.050	0.040	1.4	--	--
FEB								
27...	--	--	--	--	--	--	--	--
MAY								
22...	--	--	--	--	--	--	--	--
AUG								
12...	--	--	--	--	--	--	--	--

07277730 SENATOBIA CREEK NEAR SENATOBIA, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	COLOR (PLATINUM-COBALT UNITS) (00080)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV 01...	1600	65	3.2	1.7	9.6	1.3	1.9	8.1	<0.10	16

DATE	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS) (01003)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD) (01028)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)
NOV 01...	0.010	0.740	0.050	0.090	4000	4	2	<1	<1	7

DATE	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G) (01029)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COBALT, RECOV. FM BOTTOM MATERIAL (UG/G AS CO) (01038)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU) (01043)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE) (01170)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB) (01052)
NOV 01...	1	3	<5	7	<1	6200	42	2000	6	<10

DATE	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G) (01053)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG) (71921)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SELENIUM, TOTAL IN BOTTOM MATERIAL (UG/G) (01148)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN) (01093)
NOV 01...	470	270	62	<0.10	<0.01	<1	<1	20	<10

07281600 TALLAHATCHIE RIVER AT MONEY, MS

LOCATION.--Lat 33°39'04", long 90°12'40", in SW1/4 sec.29, T.21 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030202, County code 83, at county road bridge about 9 mi north of Greenwood, MS.

DRAINAGE AREA.--5221 mi^2, U.S. Army Corps of Engineers

PERIOD OF RECORD.--October 1995 to September 1996. Jan. 22, 1948 to date, stage data available; March 1934 to date; measured discharge available in U.S. Army Corps of Engineers records.

GAGE.--Water-stage recorder. Datum of gage is 98.98 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Oct. 1. Records good except estimated daily discharges, which are poor. U.S. Army Corps of Engineers satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5820	2270	4820	10500	10600	5500	7950	7360	1730	1750	3620	2720
2	5810	2990	4160	10700	10800	5190	7140	5930	2310	1760	3570	3010
3	5800	3540	3700	11000	10900	5510	6370	4720	3330	1720	4690	3410
4	5800	3950	3490	11200	10900	6280	5600	3870	3680	1650	5440	3730
5	5790	4390	3400	11200	10800	6630	5060	3280	3310	1580	4970	4110
6	5740	4600	3210	11300	10600	6830	4700	2860	2820	1510	4210	5240
7	5690	4680	3000	11400	10400	7390	4420	2550	2440	1460	3600	5980
8	5630	4800	2980	11400	10400	8270	4140	2640	2290	1440	3190	6310
9	5590	4900	3730	11300	10500	8260	3890	3290	3300	1460	2950	6530
10	5570	5310	4550	11100	10500	8140	3670	3500	4710	1520	2880	6660
11	5540	5850	4140	10800	10300	8160	3470	3330	5400	1580	2860	6700
12	5660	6170	3690	10800	10200	8140	3320	2980	5540	1540	2840	6720
13	5850	6390	3680	10800	10100	8020	3250	2910	8690	1710	2790	6700
14	5930	6420	3870	10700	9910	7810	3180	2740	10100	2200	2720	6680
15	5960	6560	3920	10500	9660	7570	3510	2390	10300	2450	2650	6680
16	5940	6850	4470	10300	9240	7400	3820	2010	9830	2600	2580	6990
17	5910	7060	6770	9750	8530	7260	3630	1700	8870	2810	2510	7310
18	5880	7150	8930	9060	7480	7110	3370	1480	7480	2870	2460	7180
19	5780	7130	10600	8680	6170	7380	3180	1320	6370	2800	2420	6940
20	5440	7080	11200	8700	5070	8140	3110	1180	6340	2720	2390	6950
21	4860	7000	11200	8530	4630	7930	5190	1080	5870	2680	2360	7060
22	4490	6910	11200	8260	4310	7170	9800	1010	4890	2810	2360	7570
23	4310	6870	11200	7940	3900	6090	12000	958	3920	2820	2370	7340
24	4230	6860	11300	8310	3580	5050	13000	905	3140	2770	2320	6040
25	4170	6650	11300	9480	3460	5880	13500	860	2620	2750	2270	5440
26	4130	6380	11200	9850	3410	9260	13100	788	2330	2860	2230	5990
27	4130	6110	11100	10100	3410	10200	12100	696	2200	2910	2200	7090
28	4390	5890	10900	10400	3800	10200	10800	841	2190	3090	2230	8120
29	4130	5680	10800	10400	5220	9960	9830	1490	1910	3470	2420	8180
30	3180	5350	10700	10300	---	9500	8630	2060	1750	3470	2520	7790
31	2350	---	10500	10400	---	8800	---	1980	---	3570	2460	---
TOTAL	159500	171790	219710	315160	228780	235030	194730	74708	139660	72330	91080	187170
MEAN	5145	5726	7087	10170	7889	7582	6491	2410	4655	2333	2938	6239
MAX	5960	7150	11300	11400	10900	10200	13500	7360	10300	3570	5440	8180
MIN	2350	2270	2980	7940	3410	5050	3110	696	1730	1440	2200	2720

SUMMARY STATISTICS	FOR 1996 WATER YEAR	
ANNUAL TOTAL	2089648	
ANNUAL MEAN	5709	
HIGHEST ANNUAL MEAN		
LOWEST ANNUAL MEAN		
HIGHEST DAILY MEAN	13500	Apr 25
LOWEST DAILY MEAN	696	May 27
ANNUAL SEVEN-DAY MINIMUM	865	May 22
INSTANTANEOUS PEAK FLOW	13600	Apr 25
INSTANTANEOUS PEAK STAGE	29.56	Apr 25
INSTANTANEOUS LOW FLOW	678	May 27
10 PERCENT EXCEEDS	10600	
50 PERCENT EXCEEDS	5420	
90 PERCENT EXCEEDS	2220	

e Estimated

07282000 YALOBUSHA RIVER AT CALHOUN CITY, MS

LOCATION.--Lat 33°50'20", long 89°18'55", in SE1/4 SE1/4 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 mi^2, 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). WDR MS-92: 1983-85.

GAGE.--Water-stage recorder. Datum of gage is 226.06 ft above sea level (levels by U. S. Army Corps of Engineers). Prior to Jan. 1, 1972, datum of gage was 10.00 ft higher. Prior to Nov. 15, 1950, nonrecording gage at site 75 ft downstream at same datum. Water-stage recorder on Topashaw Creek canal, 2.5 mi southwest of base gage. Prior to Aug. 16, 1963, nonrecording gage and crest-stage gage on Topashaw Creek Canal.

REMARKS.--Estimated daily discharges: Feb. 3-13 Records fair except for estimated daily discharges, which are poor. Discharge computed by combining the flow of individually rated Yalobusha River and Topashaw Creek Canal. Channel rectification of both Yalobusha River and Topashaw Creek was completed in 1967. U. S. Army Corps of Engineers satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft^3/s and maximum (*).

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 21	1600	15,300	20.62	Apr. 23	0515	*19,800	*22.07

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.6	14	36	580	890	374	216	546	11	14	1250	234
2	7.1	41	32	3500	1720	173	143	379	219	12	1740	226
3	12	97	30	1220	e900	128	120	265	164	10	1230	476
4	18	55	40	623	e380	107	108	183	39	9.5	520	363
5	18	32	51	421	e310	98	67	128	20	8.8	215	174
6	15	25	44	2670	e470	812	52	95	13	8.3	108	107
7	13	79	38	1780	e410	1950	46	71	9.7	8.0	81	83
8	11	170	731	771	e480	885	41	57	9.9	459	61	67
9	9.8	69	3250	505	e360	281	36	42	40	292	1030	64
10	8.9	42	818	423	e250	150	29	34	38	66	543	55
11	8.2	502	350	958	e210	126	28	32	20	34	201	48
12	7.7	320	199	1410	e170	116	25	36	1990	22	830	42
13	7.4	110	138	718	e160	111	32	32	2760	17	433	37
14	7.6	66	115	500	150	104	94	26	2160	552	188	32
15	7.7	51	98	386	140	112	2150	23	989	1340	107	29
16	7.4	39	842	320	123	101	746	19	346	714	76	1310
17	7.1	33	1700	289	111	91	171	17	126	750	59	832
18	7.0	28	4000	646	111	135	78	15	70	207	53	307
19	6.7	25	3810	908	116	1860	52	13	50	78	58	108
20	6.6	23	1110	544	278	855	107	11	37	47	54	62
21	6.4	21	571	432	197	340	7620	11	30	33	44	1080
22	6.1	20	382	354	150	169	3960	11	25	25	36	955
23	5.9	183	284	317	137	130	13200	10	37	21	31	392
24	5.8	334	238	2150	114	115	3460	8.6	47	158	28	123
25	5.6	131	205	957	96	5610	1410	7.4	59	612	25	66
26	5.5	75	184	1780	90	2600	834	6.8	242	332	180	45
27	67	56	165	2460	92	1300	619	6.0	62	337	144	393
28	184	46	152	1070	2100	696	493	30	31	1040	120	706
29	48	43	138	645	1200	514	631	49	21	597	105	475
30	24	40	125	880	---	360	827	22	16	342	208	182
31	17	---	213	1640	---	293	---	14	---	855	620	---
TOTAL	569.1	2770	20089	31857	11915	20696	37395	2199.8	9681.6	9000.6	10378	9073
MEAN	18.4	92.3	648	1028	411	668	1246	71.0	323	290	335	302
MAX	184	502	4000	3500	2100	5610	13200	546	2760	1340	1740	1310
MIN	5.5	14	30	289	90	91	25	6.0	9.7	8.0	25	29
CFSM	.06	.30	2.12	3.37	1.35	2.19	4.09	.23	1.06	.95	1.10	.99
IN.	.07	.34	2.45	3.89	1.45	2.52	4.56	.27	1.18	1.10	1.27	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1996, BY WATER YEAR (WY)

MEAN	48.3	272	622	684	862	971	813	415	194	110	50.4	61.8
MAX	622	2827	4402	2400	2409	3583	3418	3696	1815	948	335	857
(WY)	1976	1958	1983	1974	1991	1980	1991	1991	1989	1979	1996	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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1951 - 1996	
ANNUAL TOTAL	172071.9		165624.1			
ANNUAL MEAN	471		453		423	
HIGHEST ANNUAL MEAN					1171	1991
LOWEST ANNUAL MEAN					78.6	1986
HIGHEST DAILY MEAN	13700	Apr 23	13200	Apr 23	50800	Dec 26 1982
LOWEST DAILY MEAN	5.5	Oct 26	5.5	Oct 26	.00	Jul 25 1952
ANNUAL SEVEN-DAY MINIMUM	6.0	Oct 20	6.0	Oct 20	.00	Aug 28 1952
INSTANTANEOUS PEAK FLOW			19800	Apr 23	60200	Dec 26 1982
INSTANTANEOUS PEAK STAGE			22.07	Apr 23	25.75	Dec 26 1982
ANNUAL RUNOFF (CFSM)	1.55		1.48		1.39	
ANNUAL RUNOFF (INCHES)	20.99		20.20		18.84	
10 PERCENT EXCEEDS	784		1090		893	
50 PERCENT EXCEEDS	65		115		39	
90 PERCENT EXCEEDS	7.4		11		2.0	

e Estimated

07283000 SKUNA RIVER AT BRUCE, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 33°58'25", long 89°20'50", in SW1/4 SW1/4 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 mi^2.

WATER-DISCHARGE RECORDS

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 sea level (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: Apr. 23 - May 7. Records are good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.-- Peak discharges greater than base discharge of 5,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 9	0115	5,070	15.68	Mar. 25	1130	11,100	20.97
Dec. 18	2345	8,980	19.34	Apr. 21	1815	8,570	19.01
Jan. 6	1830	5,920	16.59	Apr. 23	0600	*22,700	*26.60
Jan. 24	0830	6,510	17.17	Jun. 13	1600	5,280	15.91
Feb. 28	0930	7,360	17.97				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.2	11	17	918	231	358	130	e172	13	9.8	205	14
2	9.5	16	16	1920	361	278	103	e148	73	9.3	563	15
3	9.5	26	17	514	336	216	91	e125	35	8.8	279	17
4	9.5	16	40	275	279	176	80	e104	19	7.8	90	37
5	10	12	28	204	255	163	76	e83	13	7.3	45	16
6	8.9	18	20	2910	170	647	72	e69	10	7.3	30	12
7	9.0	90	18	1270	489	1790	63	e56	9.4	7.3	24	11
8	8.6	111	945	374	1300	476	56	53	866	466	22	13
9	8.4	35	2140	260	1290	295	49	45	484	336	183	10
10	8.2	21	309	218	532	233	43	37	100	55	44	8.8
11	8.1	192	162	1290	337	193	40	75	42	23	34	8.2
12	7.9	134	121	1900	235	171	38	112	69	15	272	7.6
13	7.8	48	96	447	183	154	41	52	2290	12	65	7.1
14	7.6	30	74	277	163	138	54	38	717	131	e30	6.9
15	7.3	25	75	204	144	129	418	42	185	226	21	6.8
16	7.0	20	1300	167	122	129	136	35	94	54	15	238
17	6.8	18	1700	144	108	122	79	27	62	67	13	72
18	7.0	16	3840	643	108	169	55	24	42	22	13	24
19	7.1	15	3260	780	167	1290	45	21	33	13	12	14
20	6.8	14	502	287	554	408	45	20	27	10	11	11
21	7.2	13	276	221	285	264	3260	16	23	8.9	10	1700
22	7.4	12	196	178	204	197	1840	14	20	8.3	10	365
23	7.3	73	150	158	165	157	e12000	14	25	10	9.5	102
24	6.8	127	122	3350	130	135	e1620	13	18	266	9.3	51
25	7.2	53	104	605	108	5550	e891	12	15	652	9.3	35
26	7.6	33	90	1100	99	968	e647	11	14	148	9.2	28
27	90	31	78	1220	100	450	e462	9.8	12	285	99	797
28	120	22	67	408	3750	312	e359	22	11	281	154	492
29	24	19	58	313	668	243	e274	23	11	61	35	198
30	14	18	55	281	---	187	e215	20	10	30	25	82
31	12	---	598	270	---	161	---	14	---	241	17	---
TOTAL	467.7	1269	16474	23106	12873	16159	23282	1506.8	5342.4	3478.8	2358.3	4399.4
MEAN	15.1	42.3	531	745	444	521	776	48.6	178	112	76.1	147
MAX	120	192	3840	3350	3750	5550	12000	172	2290	652	563	1700
MIN	6.8	11	16	144	99	122	38	9.8	9.4	7.3	9.2	6.8
CFSM	.06	.17	2.09	2.93	1.75	2.05	3.06	.19	.70	.44	.30	.58
IN.	.07	.19	2.41	3.38	1.89	2.37	3.41	.22	.78	.51	.35	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1996, BY WATER YEAR (WY)

MEAN	46.4	248	492	585	758	850	643	332	191	101	57.9	77.4
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1948 - 1996	
ANNUAL TOTAL	143090.7		110716.4			
ANNUAL MEAN	392		303		363	
HIGHEST ANNUAL MEAN					767	1991
LOWEST ANNUAL MEAN					74.6	1981
HIGHEST DAILY MEAN	18500	Mar 7	12000	Apr 23	35100	Dec 26 1982
LOWEST DAILY MEAN	6.8	Oct 17	6.8	Oct 17	1.0	Aug 18 1954
ANNUAL SEVEN-DAY MINIMUM	7.0	Oct 15	7.0	Oct 15	1.1	Aug 14 1954
INSTANTANEOUS PEAK FLOW			22700	Apr 23	61400a	Mar 21 1955
INSTANTANEOUS PEAK STAGE			26.60	Apr 23	34.41	Mar 21 1955
ANNUAL RUNOFF (CFSM)	1.54		1.19		1.43	
ANNUAL RUNOFF (INCHES)	20.96		16.22		19.42	
10 PERCENT EXCEEDS	573		647		722	
50 PERCENT EXCEEDS	57		68		45	
90 PERCENT EXCEEDS	8.3		9.3		6.7	

e Estimated

a From rating curve extended above 19,000 ft^3/s on basis of indirect measurement.

07283000 SKUNA RIVER AT BRUCE, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970, 1972, 1996 to current year.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DEPTH AT SAMPLE LOC-ATION, TOTAL (FEET) (81903)	SAMPLE LOC-ATION, CROSS SECTION (FT FM L BANK) (00009)	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)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
20...	0930	--	--	7.0	242	6.7	19.0	7.8	--	--
JAN										
24...	1400	1.00	10.0	--	54	5.7	9.0	10.0	--	--
24...	1402	1.00	30.0	--	54	6.0	9.0	11.0	--	--
24...	1404	1.00	50.0	--	54	6.0	9.0	11.1	--	--
24...	1405	1.00	70.0	--	54	6.0	9.0	11.2	--	--
24...	1406	1.00	90.0	--	54	6.0	9.0	11.2	--	--
24...	1407	1.00	110	--	55	6.0	9.0	11.2	--	--
24...	1408	1.00	130	--	55	6.1	9.0	11.1	--	--
24...	1409	1.00	150	--	55	6.1	9.0	11.0	--	--
24...	1415	--	--	3570	55	6.0	9.0	11.1	801	88
FEB										
15...	1230	--	--	143	147	6.7	11.0	11.4	56	86
27...	0900	--	--	94	183	7.2	17.0	8.5	--	--
MAR										
26...	1100	--	--	859	65	6.2	12.0	10.9	265	96
APR										
17...	1240	--	--	74	191	6.9	19.0	8.8	55	84
MAY										
10...	0945	--	--	38	191	6.8	24.5	7.6	44	92
22...	1100	--	--	14	205	7.2	26.5	7.6	--	--
JUN										
26...	1515	--	--	14	178	6.9	34.0	8.1	15	67
JUL										
24...	1400	--	--	693	85	5.9	25.5	8.3	3920	98
AUG										
13...	1430	--	--	54	86	6.7	29.5	6.9	--	--
27...	1140	--	--	11	195	7.1	29.5	8.9	11	77
SEP										
10...	1250	--	--	8.8	200	7.3	30.5	8.3	27	96

DATE	TIME	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	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 CACO3 (39086)
FEB									
15...	1230	K16	K12	9.4	4.5	9.7	1.7	14	12
MAR									
26...	1100	1000	<1300	4.2	1.8	4.1	1.7	8	7
APR									
17...	1240	--	--	15	5.6	10	2.3	26	21
MAY									
10...	0945	--	--	11	5.1	14	2.1	21	25
JUN									
26...	1515	--	--	11	4.8	14	2.7	25	31
JUL									
24...	1400	--	--	3.4	1.5	7.6	2.4	7	6
AUG									
27...	1140	--	--	11	5.3	16	2.8	49	40
SEP									
10...	1250	--	--	11	5.9	14	3.6	32	26

07283000 SKUNA RIVER AT BRUCE, MS--Continued

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	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)	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)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB									
15...	35	11	<0.10	13	104	0.010	<0.050	0.130	<0.20
MAR									
26...	13	4.5	<0.10	7.9	61	<0.010	0.120	0.040	0.70
APR									
17...	41	14	<0.10	12	128	<0.010	0.100	0.020	0.60
MAY									
10...	41	15	<0.10	16	116	<0.010	0.090	0.020	0.30
JUN									
26...	29	14	0.10	17	108	<0.010	<0.050	<0.015	0.30
JUL									
24...	13	8.7	0.10	5.2	66	0.020	0.420	0.110	1.8
AUG									
27...	27	15	0.10	14	121	<0.010	<0.050	<0.015	0.40
SEP									
10...	35	16	0.10	13	116	<0.010	0.060	<0.015	0.40

DATE	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	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) (00671)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)
FEB								
15...	<0.20	0.030	0.010	0.010	88	170	2.9	0.30
MAR								
26...	0.40	0.170	0.040	0.030	150	200	6.0	3.2
APR								
17...	0.40	0.090	0.030	0.030	340	200	7.0	1.7
MAY								
10...	0.20	0.020	<0.010	<0.010	130	180	3.4	0.70
JUN								
26...	<0.20	0.030	<0.010	<0.010	200	47	5.4	0.80
JUL								
24...	<0.20	0.580	<0.010	0.020	10	270	4.1	6.8
AUG								
27...	0.30	0.020	<0.010	<0.010	130	96	4.2	0.90
SEP								
10...	<0.20	0.050	0.010	<0.010	130	120	4.1	1.4

BED SEDIMENT DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE- SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS- SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS- PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM- INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI- MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL- LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
OCT												
20...	0.40	0.53	0.40	1.3	<0.05	0.06	5.9	0.5	5.9	640	2	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO- MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO- PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA- NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
OCT												
20...	0.1	72	71	19	11	<2	12	<8	<4	3.0	33	19

07283000 SKUNA RIVER AT BRUCE, MS--Continued

BED SEDIMENT DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
OCT 20...	30	2500	0.03	<2	28	25	14	10	0.3	0.1	130	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
OCT 20...	8	<10	0.350	3.4	100	2	18	68	1.57	7.30	0.05	<0.100

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
OCT 20...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	1.50	<1.00

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
OCT 20...	1.20	<2.00	<2.00	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
OCT 20...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	E13	<50	<50	<50	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)
OCT 20...	<50	<50	<50	<50	<50	<50	<50	<50	<50	54	<50	53

07283000 SKUNA RIVER AT BRUCE, MS--Continued

BED SEDIMENT DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)
OCT												
20...	<50	<50	<50	<50	<50	<50	E14	<50	<50	53	<50	<50

DATE	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
OCT												
20...	<50	E21	<50	E9.0	E17	<50	E10	<50	<50	<50	<50.0	E20

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)
OCT												
20...	<50	<50.0	<50	<50	<50	<50	<50	<50	<50	<50	E13	<50

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
OCT											
20...	<50	<50	<50	<50	<5.0	<50	E17	E23	<50	<50	<50

FISH LIVER DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	ALUMI-NUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTI-MONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYL-LIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROM-IUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
OCT											
20...	8.4	<0.1	0.3	<0.1	<0.1	0.3	1.2	<0.5	0.3	84	1500

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGAN-ESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYB-DENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELEN-IUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRON-TIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANA-DIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
OCT											
20...	<0.1	20	0.2	0.9	0.2	5.2	0.3	0.7	<0.1	2.0	660

07283000 SKUNA RIVER AT BRUCE, MS--Continued

FISH TISSUE DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
OCT										
20...	<50.0	<5.00	<5.60	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	12.0

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
OCT										
20...	320	10.0	680	<10.0	E21.0	11.0	<5.00	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
OCT									
20...	13.0	<10.0	<10.0	13.0	<5.00	5.60	<1100	<5.00	<5.00

07285400 BATUPAN BOGUE AT GRENADA, MS

LOCATION.--Lat 33°46'26", long 89°47'15", in NE 1/4 SE 1/4 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 mi^2.

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 sea level. 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: Dec. 14-15, Dec. 21-Jan. 16, Jan. 29-Feb. 6, Mar. 25. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--11 years, 398 ft^3/s, 22.51 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 30,400 ft^3/s, Apr. 29, 1991, gage height, 19.65 ft; minimum, 17 ft^3/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, 22,600 ft^3/s, Apr. 23, gage height, 16.46 ft; minimum, 19 ft^3/s, July 6.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 3,110 mg/L, Apr. 21; minimum daily mean, 9 mg/L, Nov. 20.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 107,000 tons, Apr. 21; minimum daily, 0.64 ton, Oct. 10.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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							
02...	1500	--	155	7.1	27.0	6.5	0.010
18...	1400	--	136	7.7	13.5	8.0	0.010
30...	1230	--	112	7.7	14.0	8.9	0.010
NOV							
28...	1245	--	109	6.7	11.5	9.7	0.010
DEC							
05...	1330	--	128	6.9	15.5	9.8	<0.010
13...	0730	--	88	6.6	7.0	12.8	0.020
FEB							
28...	1615	782	67	7.2	13.0	9.2	--
APR							
23...	1000	21200	--	--	--	--	--
MAY							
20...	1400	52	140	7.2	29.0	8.5	--
AUG							
13...	0730	130	130	6.5	24.5	7.3	--

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							
02...	0.040	0.020	0.020	0.020	2.1	--	--
18...	0.040	0.020	0.060	0.030	3.6	--	--
30...	0.070	0.080	0.110	0.070	5.2	--	--
NOV							
28...	0.050	0.040	0.050	0.050	4.1	--	--
DEC							
05...	0.030	0.030	0.050	0.030	2.0	--	--
13...	0.120	0.130	0.060	0.050	4.4	--	--
FEB							
28...	--	--	--	--	--	--	--
APR							
23...	--	--	--	--	--	1920	110000
MAY							
20...	--	--	--	--	--	--	--
AUG							
13...	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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)
APR											
23...	1000	17	23	30	40	58	71	75	90	99	100

07285400 BATUPAN BOGUE AT GRENADA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	33	15	1.3	46	33	4.1	50	44	5.9
2	31	14	1.2	95	51	18	49	42	5.6
3	89	62	20	119	54	18	49	40	5.2
4	47	46	5.9	69	31	5.8	46	39	4.8
5	36	35	3.4	57	27	4.2	44	38	4.5
6	31	26	2.2	58	28	4.4	42	23	2.7
7	28	20	1.5	114	44	15	42	16	1.8
8	25	16	1.1	130	38	13	827	596	5490
9	24	13	.81	74	36	7.2	2570	1900	18200
10	23	10	.64	61	35	5.9	448	376	500
11	24	11	.72	380	602	1080	214	117	69
12	24	25	1.6	193	228	145	171	76	35
13	25	46	3.0	95	108	28	149	42	17
14	28	43	3.2	78	93	20	140	65	26
15	30	38	3.0	68	61	11	120	190	56
16	34	34	3.1	62	39	6.5	570	261	407
17	31	30	2.5	59	22	3.5	2900	808	9400
18	29	27	2.1	57	13	1.9	4420	1240	15200
19	28	23	1.7	54	10	1.5	2010	606	3270
20	28	19	1.4	53	9	1.3	1140	247	785
21	28	16	1.2	51	10	1.3	330	182	161
22	28	13	.98	49	11	1.4	270	151	109
23	28	11	.85	405	380	723	225	125	76
24	28	12	.89	279	258	243	210	104	59
25	28	12	.92	106	55	16	185	86	43
26	29	12	.95	80	38	8.3	170	71	33
27	244	576	751	71	34	6.6	160	59	25
28	279	608	622	63	49	8.3	150	49	19
29	71	129	26	53	49	7.0	145	42	16
30	52	71	10	51	47	6.5	140	41	15
31	47	58	7.3	---	---	---	140	41	15
		JANUARY			FEBRUARY			MARCH	
1	3100	40	335	155	224	95	173	68	32
2	1000	688	1860	205	284	159	150	57	23
3	400	360	386	160	88	40	127	52	18
4	300	182	147	145	180	80	114	47	14
5	250	129	88	135	285	112	114	42	13
6	1200	504	2210	210	117	67	232	362	272
7	1100	625	1930	646	144	257	209	365	210
8	500	333	462	757	245	525	146	132	53
9	350	124	120	467	81	106	118	82	26
10	250	68	45	341	45	42	110	54	16
11	1000	180	540	278	37	28	106	35	10
12	840	348	787	208	31	18	104	23	6.6
13	400	214	233	164	27	12	103	26	7.1
14	300	119	97	158	26	11	99	32	8.5
15	250	66	47	147	25	10	93	34	8.5
16	240	40	27	132	25	8.9	99	34	9.0
17	260	35	25	122	24	7.9	91	24	5.8
18	447	249	559	123	19	6.4	558	285	1220
19	540	265	472	146	19	7.9	1600	595	3100
20	276	79	60	227	77	47	339	116	115
21	241	39	25	161	73	32	227	48	29
22	209	24	14	140	63	24	185	27	14
23	211	20	12	131	56	20	160	26	11
24	936	1030	2700	117	44	14	148	25	10
25	388	332	387	106	22	6.3	6000	2730	52000
26	658	482	1450	105	12	3.5	1470	561	2610
27	802	632	1380	121	20	9.1	539	199	293
28	465	128	167	1010	853	2810	377	127	130
29	268	108	78	267	214	167	299	82	66
30	210	531	409	---	---	---	244	69	46
31	180	474	233	---	---	---	222	58	35

07285400 BATUPAN BOGUE AT GRENADA, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	181	46	23	294	74	59	55	44	6.4
2	144	52	20	217	55	32	1180	1280	7270
3	130	54	19	185	52	26	117	168	56
4	119	40	13	162	51	22	66	111	20
5	107	31	8.9	142	51	20	50	87	12
6	104	30	8.5	128	50	17	41	70	7.8
7	101	31	8.3	118	50	16	37	59	6.0
8	93	32	7.9	113	50	15	36	51	4.9
9	84	35	8.0	98	47	12	34	44	4.0
10	77	39	8.1	91	44	11	32	39	3.4
11	75	39	8.0	109	112	36	30	35	2.9
12	74	40	7.9	112	236	72	943	1570	6950
13	116	85	30	88	141	34	1120	1340	8000
14	243	286	984	79	78	17	882	927	3710
15	2770	2160	18700	73	48	9.6	151	120	53
16	553	435	704	68	49	9.0	86	73	17
17	281	206	158	63	52	8.8	60	55	8.9
18	201	138	76	59	46	7.4	48	50	6.5
19	167	93	42	56	37	5.6	41	50	5.6
20	632	621	2060	53	31	4.5	38	53	5.4
21	11200	3110	107000	51	33	4.4	35	58	5.5
22	6710	1190	23900	48	36	4.7	32	55	4.8
23	15400	1290	57200	48	39	5.0	46	85	12
24	4660	564	7360	46	42	5.1	32	78	6.6
25	2780	298	2290	43	42	4.9	28	60	4.6
26	1730	165	789	42	42	4.8	226	777	626
27	1020	121	336	41	42	4.6	124	393	157
28	638	101	175	53	67	13	45	87	11
29	493	93	123	84	188	47	34	53	4.8
30	424	85	98	55	65	9.6	29	44	3.5
31	---	---	---	45	53	6.5	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	27	30	2.1	90	235	69	66	107	29
2	25	57	3.9	169	244	139	192	536	331
3	23	102	6.4	116	178	58	59	122	20
4	23	148	9.1	81	81	18	60	55	8.9
5	20	98	5.3	73	55	11	47	66	8.3
6	20	60	3.2	69	62	12	43	69	8.1
7	26	63	4.4	66	72	13	42	69	7.7
8	36	77	7.5	92	70	18	41	68	7.6
9	32	76	6.5	338	283	326	42	69	7.8
10	30	69	5.6	175	77	39	39	73	7.8
11	27	72	5.3	135	48	17	38	81	8.2
12	29	80	6.2	120	55	18	35	117	11
13	26	89	6.3	108	56	16	32	163	14
14	31	99	8.2	100	60	16	31	104	8.7
15	61	103	17	97	40	11	29	100	7.7
16	44	85	10	89	31	7.4	708	1120	3280
17	49	73	9.7	85	40	9.3	105	110	36
18	40	118	13	83	55	12	58	66	10
19	35	120	11	83	74	17	48	56	7.2
20	36	92	8.9	76	99	20	44	70	8.2
21	32	70	6.1	72	133	26	48	71	9.1
22	30	55	4.5	67	178	32	43	71	8.3
23	35	62	5.8	63	220	37	40	74	8.0
24	32	83	7.3	61	127	21	38	92	9.4
25	111	338	148	59	64	10	36	116	11
26	33	83	7.5	57	57	8.7	33	129	12
27	226	1130	1670	58	55	8.6	455	796	1260
28	100	530	208	66	67	12	92	231	67
29	32	160	14	57	60	9.2	36	80	8.0
30	25	100	6.8	86	120	42	40	54	5.7
31	176	475	517	69	121	25	---	---	---

07285500 YALOBUSHA RIVER AT GRENADA,MS

LOCATION.--Lat 33°47'18", long 89°48'36",in NE1/4 sec. 7, T.22 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, on downstream left bridge seat of U.S. Highway 51 bridge.

DRAINAGE AREA.--1570 mi^2, 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. Prior to October 1, 1992, published as "07285510 Yalobusha River at Grenada, MS."

GAGE.--Water stage recorder. Datum of gage is 152.03 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to June 23, 1993, water-stage recorder at site 0.5 mi downstream at datum 3.35 ft lower.

REMARKS.--No estimated daly discharges. Records fair. Regulated by Grenada Lake Spillway. U.S. Geological Survey satellite telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 14, 1948, reached an elevation of 182.81 ft above sea level at site 2600 ft upstream, discharge 78,900 ft^3/s from records of U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2970	1420	2020	5430	4180	1100	514	851	557	1010	2290	3370
2	2960	1430	1980	6890	4610	2530	466	770	1350	1020	3430	3790
3	3070	1500	1940	5800	4200	2500	440	730	701	1020	3330	3480
4	2990	1390	1680	5420	3870	2450	421	707	588	1010	3270	3350
5	2950	1340	1400	5300	3780	2270	395	686	555	1020	3260	3290
6	2930	1330	1380	6720	3760	2150	391	672	541	1030	3260	3240
7	2910	1390	1180	6550	4050	2220	390	659	544	1030	3230	3230
8	2900	1420	1060	5630	4210	2290	389	660	599	1030	3280	3220
9	2880	1320	3560	5450	4020	2730	382	646	615	1020	3750	3210
10	2630	1280	1330	5350	3900	2700	374	636	556	1020	3630	3190
11	1870	1430	1310	5510	3840	2580	374	657	548	1020	3610	3170
12	1850	1500	2290	5930	3660	1810	378	676	1670	1020	3600	3150
13	1910	1450	2750	5510	3060	985	429	641	1570	1020	3570	3140
14	1950	2760	2710	5260	3010	615	479	627	2020	1030	3550	3120
15	1910	2700	2670	5120	2610	459	2710	761	1010	1080	3550	3100
16	1880	2630	2990	4290	1900	479	861	616	860	1090	3530	3920
17	1830	2550	3650	3270	1220	443	590	598	797	1080	3520	3370
18	1790	2490	4520	3170	912	822	511	588	768	1060	3510	3250
19	1750	2420	5010	3150	948	1850	485	590	775	1080	3500	3210
20	1720	2370	2830	2790	1080	796	767	582	738	1130	3480	3200
21	1670	2300	3940	2720	1010	613	6540	577	721	1150	3460	3210
22	1640	2240	4880	2670	785	552	6920	572	709	1140	3440	3190
23	1600	1830	5160	2630	516	513	10600	568	716	1140	3420	3170
24	1570	1720	5040	2600	486	490	4270	565	704	1150	3410	3160
25	1530	2320	4930	2270	452	5000	1650	558	683	1280	3390	3140
26	1490	2240	4810	3430	440	1930	1300	555	938	1200	3380	3130
27	1640	2190	4710	4310	474	942	1220	551	882	1200	3370	3820
28	1900	2160	4880	3280	1710	764	1080	557	824	1470	3390	1050
29	1560	2100	5370	3530	800	677	975	613	1030	1200	3360	1470
30	1480	2050	5400	4250	---	608	956	580	1010	1190	3420	2790
31	1450	---	5430	4640	---	576	---	557	---	1300	3400	---
TOTAL	65180	57270	102810	138870	69493	46444	47257	19606	25579	34240	105590	94130
MEAN	2103	1909	3316	4480	2396	1498	1575	632	853	1105	3406	3138
MAX	3070	2760	5430	6890	4610	5000	10600	851	2020	1470	3750	3920
MIN	1450	1280	1060	2270	440	443	374	551	541	1010	2290	1050
CFSM	1.34	1.22	2.11	2.85	1.53	.95	1.00	.40	.54	.70	2.17	2.00
IN.	1.54	1.36	2.44	3.29	1.65	1.10	1.12	.46	.61	.81	2.50	2.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1996, BY WATER YEAR (WY)

MEAN	2613	2759	3869	4208	2928	3124	2349	2315	1950	1727	2556	2960
MAX	4951	4963	6461	5935	4971	5756	4228	9529	5646	4904	4808	5652
(WY)	1992	1990	1990	1990	1991	1990	1991	1991	1991	1991	1991	1991
MIN	1369	1909	1757	1499	1038	1033	365	189	320	322	382	848
(WY)	1991	1996	1994	1994	1992	1993	1992	1992	1993	1993	1992	1992

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1989 - 1996	
ANNUAL TOTAL	1034362		806469			
ANNUAL MEAN	2834		2203		2725	
HIGHEST ANNUAL MEAN					4441	1991
LOWEST ANNUAL MEAN					1685	1993
HIGHEST DAILY MEAN	10500	Mar 7	10600	Apr 23	21900	Apr 29 1991
LOWEST DAILY MEAN	41	Aug 26	374	Apr 10	30	Oct 3 1990
ANNUAL SEVEN-DAY MINIMUM	49	Aug 20	383	Apr 6	33	Sep 27 1990
INSTANTANEOUS PEAK FLOW			12900	Apr 23	23000	Apr 29 1991
INSTANTANEOUS PEAK STAGE			21.53	Apr 23	27.54	Apr 29 1991
ANNUAL RUNOFF (CFSM)	1.81		1.40		1.74	
ANNUAL RUNOFF (INCHES)	24.51		19.11		23.58	
10 PERCENT EXCEEDS	5130		4260		5720	
50 PERCENT EXCEEDS	2790		1820		2420	
90 PERCENT EXCEEDS	903		557		287	

07287150 ABIACA CREEK NEAR SEVEN PINES, MS

LOCATION.--Lat 33°20'24", long 90°09'04", in NW 1/4 SE 1/4 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.--95.2 mi^2.

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--
DISCHARGE: October 1991 to current year.
SUSPENDED SEDIMENT CONCENTRATION: October 1991 to current year.
SUSPENDED SEDIMENT DISCHARGE: October 1991 to current year.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 134.28 ft above sea level. 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: July 9-10, 13, Aug. 6-8, Sept. 11. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--5 years, 113 ft^3/s, 19.80 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum observed, 5,670 ft^3/s, Feb. 11, 1994, maximum gage height, 19.30 ft, Apr. 23, 1995; minimum daily, 28 ft^3/s, Aug. 17, 1992.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,170 mg/L, Apr. 15, 1996; minimum daily mean, 6 mg/L, Oct. 9, 1992.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 24,200 tons, Mar. 9, 1994; minimum daily, 0.56 ton, Oct. 9, 1992.

EXTREMES FOR CURRENT YEAR.--
DISCHARGE: Maximum, 4,010 ft^3/s, Apr. 23, gage height, 17.45 ft; minimum daily, 31 ft^3/s, Nov. 22.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,170 mg/L, Apr. 15; minimum daily mean, 27 mg/L, Oct. 22.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 9,860 tons, Apr. 23; minimum daily, 2.7 tons, Oct. 17, 23.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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												
03...	1030	47	99	7.3	22.5	7.6	0.020	0.120	0.020	0.200	0.120	2.2
17...	1030	37	103	7.7	17.0	6.0	0.010	0.050	<0.010	0.020	0.020	1.0
31...	1300	41	106	7.6	17.0	9.1	0.010	0.070	0.030	0.050	0.040	1.2
NOV												
28...	1515	37	109	7.0	11.0	10.4	0.040	0.130	0.070	0.290	0.130	2.0
DEC												
05...	1455	48	110	7.2	16.5	8.8	0.010	0.120	0.080	0.070	0.050	1.6
12...	1500	64	91	6.9	9.5	11.3	0.030	0.220	0.190	0.130	0.140	4.8
APR												
23...	0100	3110	--	--	--	--	--	--	--	--	--	--

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	36	37	3.6	40	73	8.0	34	168	16
2	34	69	6.3	46	138	17	33	172	15
3	40	108	12	44	190	23	37	174	17
4	37	89	9.0	42	104	12	42	139	16
5	36	67	6.6	40	54	5.9	43	60	6.9
6	34	59	5.4	37	38	3.8	39	85	8.8
7	34	77	7.0	46	63	7.9	37	224	22
8	34	102	9.4	43	84	9.8	171	413	452
9	33	124	11	40	61	6.6	461	724	1030
10	34	123	11	40	44	4.8	120	163	58
11	35	113	11	106	813	277	73	130	26
12	34	85	7.9	62	221	40	61	95	16
13	36	67	6.5	52	73	10	54	180	26
14	38	65	6.7	48	102	13	48	197	26
15	43	63	7.3	40	122	13	45	203	24
16	39	50	5.4	38	91	9.5	83	280	66
17	35	29	2.7	37	67	6.7	447	714	1110
18	35	47	4.5	39	56	5.9	958	1060	3600
19	38	37	3.8	36	47	4.6	800	772	1830
20	37	30	3.0	35	44	4.1	304	342	291
21	36	28	2.8	33	49	4.3	166	206	94
22	38	27	2.8	31	61	5.2	117	126	40
23	36	28	2.7	45	97	12	96	96	25
24	35	34	3.3	42	151	17	82	80	18
25	36	41	4.0	36	219	22	75	69	14
26	38	42	4.3	39	315	33	69	108	20
27	43	41	4.8	38	425	43	62	178	30
28	43	39	4.5	34	416	39	58	176	27
29	42	36	4.1	34	106	9.6	57	159	24
30	37	49	4.8	34	131	12	57	125	19
31	40	114	12	---	---	---	55	96	14
		JANUARY			FEBRUARY			MARCH	
1	57	74	11	110	94	28	51	121	17
2	298	496	487	376	615	753	52	85	12
3	151	195	85	218	183	111	50	59	8.0
4	97	137	35	140	117	44	47	44	5.5
5	79	215	47	115	80	25	44	41	4.9
6	530	1050	2420	98	75	20	111	505	233
7	428	680	875	94	84	21	75	201	41
8	193	200	109	99	108	29	66	319	56
9	127	135	46	95	119	31	59	318	51
10	102	192	53	90	93	22	53	186	27
11	94	174	44	84	71	16	50	126	17
12	117	195	62	73	57	11	48	132	17
13	100	147	40	69	80	15	49	137	18
14	86	107	25	67	112	20	48	135	17
15	74	89	18	63	102	17	48	131	17
16	66	104	18	63	91	16	46	124	15
17	64	120	21	61	84	14	47	117	15
18	74	132	26	59	77	12	64	314	85
19	79	134	29	61	72	12	199	426	245
20	72	108	21	64	75	13	107	133	38
21	69	86	16	62	81	14	80	141	30
22	64	71	12	60	85	14	69	129	24
23	59	67	11	59	84	13	63	118	20
24	199	443	289	57	70	11	59	106	17
25	123	104	36	57	58	8.9	353	939	1010
26	545	751	2740	56	60	8.9	184	261	133
27	761	862	2120	53	108	15	115	224	70
28	348	322	315	55	136	20	91	242	59
29	197	160	86	52	135	19	81	272	60
30	145	132	52	---	---	---	78	267	56
31	129	113	39	---	---	---	93	277	70

07287150 ABIACA CREEK NEAR SEVEN PINES, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	80	286	62	109	174	51	72	292	120
2	71	261	50	96	187	49	197	1350	1060
3	68	229	42	85	160	37	63	239	41
4	64	206	36	84	133	30	52	279	39
5	61	172	29	76	110	23	49	306	41
6	61	118	20	66	102	18	48	276	36
7	60	80	13	65	127	22	46	233	29
8	55	69	10	62	162	27	53	172	25
9	53	109	15	60	211	34	49	125	16
10	52	147	21	59	233	37	47	105	13
11	53	144	21	66	168	30	46	129	16
12	51	176	24	62	118	20	47	170	21
13	81	239	52	54	104	15	48	226	29
14	237	971	1660	52	160	22	48	166	21
15	1260	2170	8590	53	214	31	48	114	15
16	529	420	639	50	197	27	47	79	10
17	237	219	142	49	176	23	46	66	8.1
18	154	167	69	50	151	20	44	93	11
19	123	137	47	51	130	18	45	118	14
20	260	213	488	46	85	11	44	107	13
21	1630	1780	9160	47	114	14	43	95	11
22	1030	1020	3620	48	199	26	43	84	9.7
23	2550	1350	9860	49	186	24	43	74	8.5
24	1220	799	2650	49	174	23	42	79	8.9
25	824	479	1090	48	175	23	41	139	15
26	462	289	370	48	176	23	42	208	23
27	278	219	165	48	184	24	41	199	22
28	210	202	114	58	210	33	41	171	19
29	180	206	99.9	57	221	34	41	115	13
30	136	224	84	55	183	27	42	77	8.8
31	---	---	---	49	157	21	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	42	57	6.3	42	137	16	39	104	11
2	40	57	6.3	80	193	55	39	74	7.8
3	41	71	7.8	63	123	21	47	172	22
4	41	59	6.5	44	115	14	51	258	36
5	39	50	5.2	42	119	13	46	169	21
6	40	62	6.7	42	125	14	45	591	73
7	41	78	8.6	42	135	15	43	293	34
8	41	94	10	41	162	18	42	124	14
9	40	100	11	41	179	20	41	126	14
10	38	108	11	40	161	18	39	510	54
11	37	127	13	42	143	16	38	467	48
12	38	145	15	40	153	17	37	324	33
13	40	149	16	40	263	28	36	240	23
14	42	230	26	39	372	39	36	222	21
15	47	214	28	39	263	28	37	208	21
16	41	103	11	38	188	19	211	1070	753
17	41	104	12	38	169	17	78	626	136
18	40	85	9.3	38	169	18	49	401	54
19	38	72	7.5	43	216	25	41	305	34
20	40	70	7.5	39	279	29	38	242	25
21	39	68	7.3	39	310	32	41	212	23
22	38	119	12	37	234	24	37	186	19
23	46	256	32	38	175	18	35	165	16
24	44	122	14	37	139	14	33	153	14
25	57	1070	190	36	111	11	33	202	18
26	44	355	42	38	122	13	33	380	34
27	42	228	26	39	294	31	88	788	222
28	42	130	15	38	553	56	63	281	49
29	41	90	9.8	39	555	59	46	133	17
30	41	103	11	40	462	50	40	74	7.9
31	45	123	15	39	224	24	---	---	---

07287160 ABIACA CREEK AT CRUGER, MS

LOCATION.--Lat 33°20'29", long 90°14'13", in NE 1/4 NW 1/4 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.--95.7 mi^2.

PERIOD OF RECORD.--Water years 1992 to current year.

PERIOD OF DAILY RECORD.--
DISCHARGE: October 1991 to current year.
SUSPENDED SEDIMENT CONCENTRATION: October 1991 to current year.
SUSPENDED SEDIMENT DISCHARGE: October 1991 to current year.

INSTRUMENTATION.--Water-stage recorder. Datum of gage is 116.52 ft above sea level. Automatic pumping sediment sampler since October 1991.

REMARKS.--Estimated daily discharges: Dec. 9-29, Jan. 3-4, 6-10, 19, May 13-14, Aug. 17-20. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--5 years, 99 ft^3/s, 14.05 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 3,440 ft^3/s, Apr. 23, 1995, gage height, 11.77 ft; minimum daily, 23 ft^3/s, Aug. 22, 1996.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 3,320 mg/L, Feb. 15, 1992; minimum daily mean, 1.0 mg/L, Oct. 22, 1992.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 16,700 tons, Apr. 23, 1996; minimum daily, 0.13 ton, Oct. 22, 1992.

EXTREMES FOR CURRENT YEAR.--
DISCHARGE: Maximum, 3,010 ft^3/s, Apr. 23, gage height, 11.70 ft; minimum daily, 23 ft^3/s, Aug. 22.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,450 mg/L, Apr. 23; minimum daily mean, 17 mg/L Oct. 1.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 16,700 tons, Apr. 23; minimum daily, 1.3 tons, Oct. 1.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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												
03...	1015	40	105	7.3	23.0	5.8	0.020	0.120	0.010	0.130	0.080	2.5
17...	1130	31	105	7.9	18.0	6.8	0.010	0.030	0.010	0.030	0.030	1.9
31...	1330	34	109	7.9	15.5	9.8	<0.010	0.040	<0.010	0.050	0.030	2.8
NOV												
29...	0830	27	111	7.1	5.5	11.9	0.020	0.120	0.050	0.070	0.090	2.5
DEC												
05...	1530	43	110	7.3	16.0	8.1	0.020	0.120	0.060	0.100	0.080	2.0
12...	1400	112	87	6.9	7.5	12.5	0.030	0.220	0.180	0.160	0.140	5.1
FEB												
26...	1700	56	106	7.4	20.5	8.7	--	--	--	--	--	--
MAY												
20...	1730	64	118	7.6	31.0	7.6	--	--	--	--	--	--
AUG												
14...	0830	28	115	6.6	23.5	8.3	--	--	--	--	--	--

07287160 ABIACA CREEK AT CRUGER, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	28	17	1.3	33	76	6.8	33	290	26
2	29	42	3.3	40	63	6.8	31	113	9.5
3	35	84	8.1	38	51	5.2	33	96	8.7
4	35	66	6.2	37	37	3.7	40	279	30
5	33	47	4.2	35	29	2.7	38	116	12
6	30	35	2.8	35	39	3.7	33	57	5.1
7	30	30	2.4	39	55	5.8	32	43	3.8
8	30	27	2.2	39	51	5.3	78	393	285
9	30	26	2.1	37	44	4.4	170	946	434
10	28	30	2.3	35	39	3.7	450	2100	2550
11	29	37	2.9	84	250	67	190	159	82
12	29	45	3.5	63	58	11	70	81	15
13	29	53	4.2	46	47	5.7	58	169	26
14	32	47	4.0	49	100	13	50	191	26
15	36	39	3.8	39	100	10	47	182	23
16	33	32	2.9	38	77	8.0	45	363	44
17	29	28	2.2	36	65	6.3	135	161	59
18	29	28	2.2	37	56	5.6	350	1260	1190
19	29	30	2.3	35	48	4.6	920	1530	1380
20	29	29	2.3	34	41	3.8	820	220	487
21	29	28	2.2	34	35	3.2	300	160	130
22	29	27	2.1	31	30	2.6	170	124	57
23	29	27	2.1	41	129	18	110	97	29
24	27	30	2.2	44	268	34	90	76	18
25	28	35	2.6	37	54	5.4	80	59	13
26	29	41	3.2	39	69	7.3	72	47	9.0
27	36	48	4.6	40	74	8.0	67	44	8.0
28	35	51	4.9	37	78	7.8	63	42	7.0
29	34	34	3.1	34	83	7.6	60	42	7.0
30	30	23	1.8	33	157	14	58	242	41
31	31	35	2.9	---	---	---	68	135	25
		JANUARY			FEBRUARY			MARCH	
1	69	51	9.6	91	100	25	53	56	8.0
2	84	301	72	213	336	239	54	46	6.7
3	285	806	107	159	156	68	52	37	5.3
4	150	272	110	117	118	37	50	30	4.1
5	84	180	41	98	92	24	47	24	3.1
6	75	98	20	85	67	15	83	355	101
7	520	917	1290	84	78	18	75	203	42
8	360	470	457	84	86	20	67	106	19
9	180	232	113	82	119	26	61	64	10
10	120	199	64	78	120	25	55	57	8.4
11	89	171	41	75	111	22	52	58	8.0
12	92	159	40	68	104	19	49	95	13
13	83	140	31	66	98	17	49	136	18
14	90	125	30	65	101	18	48	128	17
15	83	111	25	62	99	17	49	119	16
16	72	99	19	62	94	16	46	113	14
17	66	91	16	60	85	14	46	108	13
18	63	112	19	58	76	12	52	102	14
19	65	120	21	62	68	11	139	451	176
20	67	88	16	63	63	11	107	145	42
21	64	66	11	62	60	10	86	184	43
22	61	50	8.2	59	57	9.2	76	167	34
23	58	46	7.2	58	55	8.6	68	157	29
24	124	405	166	57	53	8.1	64	153	26
25	101	112	31	56	55	8.2	220	887	640
26	343	491	1300	56	53	8.0	155	299	130
27	676	821	1970	52	56	8.0	108	185	54
28	217	247	150	57	76	12	89	180	43
29	136	132	49	55	68	10	81	215	47
30	110	107	32	---	---	---	79	218	46
31	102	113	31	---	---	---	88	220	52

07287160 ABIACA CREEK AT CRUGER, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	82	129	29	139	166	62	62	105	19
2	72	141	27	125	153	51	214	1450	1060
3	69	189	35	116	124	39	89	167	40
4	66	178	31	113	100	31	68	171	31
5	64	146	25	106	81	23	61	211	34
6	65	120	21	97	67	18	58	272	43
7	64	99	17	92	95	24	52	315	45
8	58	86	13	90	155	38	65	336	60
9	54	118	17	87	174	41	58	181	28
10	55	170	25	88	187	44	53	84	12
11	54	193	28	98	191	51	47	98	13
12	53	217	31	94	127	33	47	139	18
13	75	237	48	82	91	20	47	127	16
14	124	628	544	76	92	19	47	122	16
15	1180	2390	8680	77	127	27	49	121	16
16	400	479	551	73	164	32	47	106	13
17	179	255	125	69	149	28	45	89	11
18	129	209	73	69	118	22	42	76	8.5
19	109	185	55	70	94	18	43	65	7.5
20	131	229	190	66	74	13	40	64	6.9
21	1660	1740	8310	61	68	11	39	62	6.5
22	736	758	1880	62	70	12	39	60	6.3
23	2170	2450	16700	63	72	12	38	58	6.0
24	612	595	989	58	74	12	37	56	5.6
25	314	417	363	60	76	12	34	61	5.7
26	160	234	105	56	75	11	37	96	9.6
27	95	104	27	57	86	13	36	153	15
28	128	162	67	66	262	49	35	202	19
29	180	192	94	67	213	39	35	249	24
30	160	195	85	59	165	26	37	152	15
31	---	---	---	54	125	18	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	35	63	5.9	37	68	6.8	26	241	17
2	34	55	5.0	60	377	104	27	209	16
3	34	61	5.5	74	402	93	32	201	18
4	33	59	5.3	35	143	14	42	272	31
5	31	56	4.7	30	85	6.9	32	333	29
6	29	54	4.2	29	99	7.7	31	419	36
7	31	51	4.3	30	157	13	31	375	31
8	31	49	4.2	28	173	13	29	254	20
9	28	56	4.2	28	160	12	29	191	15
10	28	69	5.3	30	147	12	27	315	23
11	29	100	7.9	30	135	11	28	427	32
12	28	150	11	35	128	12	26	372	27
13	29	109	8.5	30	150	12	25	283	19
14	34	55	4.8	30	183	15	26	213	15
15	49	148	23	28	218	16	25	148	10
16	35	132	13	27	242	17	179	922	887
17	34	71	6.6	27	284	21	124	433	148
18	30	55	4.5	28	225	17	77	303	63
19	29	42	3.3	30	160	13	59	364	58
20	29	36	2.8	29	123	10	48	250	33
21	29	34	2.6	25	171	12	49	197	26
22	27	31	2.3	23	224	14	50	166	23
23	50	143	19	23	179	11	42	140	16
24	37	114	12	24	113	7.2	38	118	12
25	60	497	90	27	99	7.1	36	137	14
26	36	245	24	31	106	9.0	36	392	38
27	33	144	13	36	189	18	97	586	204
28	34	86	7.9	24	368	24	110	278	87
29	32	54	4.7	27	368	27	75	113	23
30	31	78	6.8	29	320	25	59	64	10
31	41	115	14	26	278	20	---	---	---

07287355 FANNEGUSHA CREEK NEAR HOWARD, MS

LOCATION.--Lat 33°08'13", long 90°11'40", in NW1/4 NE1/4 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 mi^2.

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.

REVISED RECORDS.--WDR MS-92-1: 1955 (M), Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 123.79 ft above sea level, (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Jan. 10-26, Sept. 6-11. Records good except for estimated daily discharges, which are poor.

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

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 26	2345	4,990	17.16	May 28	1815	6,510	18.56
Apr. 21	0615	5,060	17.23	Jun. 02	0245	6,060	18.17
Apr. 23	0830	*7,060	*19.02				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	18	18	40	80	36	42	63	499	20	35	21
2	18	24	18	778	1250	35	38	54	3020	20	31	21
3	21	26	17	126	346	35	37	49	740	20	44	27
4	22	21	38	55	114	34	36	45	259	19	150	33
5	20	19	23	42	79	34	35	42	105	19	31	44
6	18	19	19	518	66	42	34	40	78	18	30	e30
7	18	22	18	340	69	57	34	38	64	18	58	e25
8	17	30	18	79	73	44	34	36	68	18	26	e23
9	17	24	104	54	70	37	33	34	51	18	24	e24
10	17	20	41	e50	59	35	32	34	44	18	24	e27
11	17	27	26	e60	52	35	32	40	40	17	23	e24
12	18	40	22	e160	47	34	32	39	37	17	24	20
13	18	25	21	e80	44	34	84	33	35	17	24	19
14	20	21	20	e50	42	35	306	31	33	17	23	19
15	21	19	19	e44	41	35	1740	30	31	19	22	20
16	20	19	36	e40	39	34	354	29	30	50	22	174
17	18	18	156	e38	38	33	119	28	29	60	22	53
18	18	18	1240	e54	37	47	80	27	27	33	22	25
19	18	18	1130	e72	39	409	65	26	26	31	25	21
20	17	18	111	e47	51	110	941	25	26	30	23	20
21	17	18	58	e41	47	59	3390	25	25	29	22	21
22	17	17	44	e37	41	48	884	24	24	28	22	21
23	17	18	38	e48	39	42	4570	23	24	28	21	19
24	17	22	34	e680	38	39	1070	22	23	28	22	18
25	16	22	32	e125	36	429	729	21	23	57	21	17
26	17	19	31	e400	35	210	422	21	23	40	21	17
27	19	19	30	2130	35	77	164	20	22	48	21	71
28	24	18	28	664	37	59	111	2600	21	71	21	33
29	21	18	27	290	37	51	101	1190	21	50	24	22
30	18	18	27	141	---	46	79	602	21	33	28	19
31	17	---	27	100	---	44	---	207	---	34	23	---
TOTAL	571	635	3471	7383	2981	2299	15628	5498	5469	925	929	928
MEAN	18.4	21.2	112	238	103	74.2	521	177	182	29.8	30.0	30.9
MAX	24	40	1240	2130	1250	429	4570	2600	3020	71	150	174
MIN	16	17	17	37	35	33	32	20	21	17	21	17
MED	18	19	28	72	44	42	82	34	30	28	23	21
AC-FT	1130	1260	6880	14640	5910	4560	31000	10910	10850	1830	1840	1840
CFSM	.18	.21	1.09	2.31	1.00	.72	5.06	1.72	1.77	.29	.29	.30
IN.	.21	.23	1.25	2.67	1.08	.83	5.64	1.99	1.98	.33	.34	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1996, BY WATER YEAR (WY)

MEAN	31.8	70.1	214	236	305	287	378	161	125	89.5	44.2	51.7
MAX	78.7	188	756	468	733	479	1635	524	422	304	123	153
(WY)	1995	1990	1991	1990	1991	1995	1991	1991	1989	1989	1989	1994
MIN	11.0	21.2	59.7	59.2	103	74.2	57.2	20.2	14.1	20.7	9.87	16.3
(WY)	1988	1996	1990	1992	1996	1996	1987	1988	1988	1988	1988	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1987 - 1996	
ANNUAL TOTAL	57278		46717			
ANNUAL MEAN	157		128		171	
HIGHEST ANNUAL MEAN					378	1991
LOWEST ANNUAL MEAN					73.3	1988
HIGHEST DAILY MEAN	6890	Apr 23	4570	Apr 23	14700	Apr 29 1991
LOWEST DAILY MEAN	15	Sep 2	16	Oct 25	6.9	Sep 2 1988
ANNUAL SEVEN-DAY MINIMUM	15	Sep 6	17	Oct 20	8.1	Aug 14 1988
INSTANTANEOUS PEAK FLOW			7060	Apr 23	20800	Apr 29 1991
INSTANTANEOUS PEAK STAGE			19.02	Apr 23	21.27	Apr 29 1991
ANNUAL RUNOFF (CFSM)	1.52		1.24		1.66	
ANNUAL RUNOFF (INCHES)	20.69		16.87		22.56	
10 PERCENT EXCEEDS	200		157		296	
50 PERCENT EXCEEDS	33		32		38	
90 PERCENT EXCEEDS	17		18		16	

e Estimated

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 1995 TO SEPTEMBER 1996

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												
03...	1100	21	191	--	23.5	7.3	<0.010	<0.020	<0.010	0.070	0.040	2.8
17...	1230	18	180	7.8	18.5	6.8	<0.010	<0.020	<0.010	0.080	0.020	2.1
NOV												
01...	1030	17	191	7.8	17.0	8.6	<0.010	<0.020	<0.010	0.030	0.020	2.4
29...	0930	18	181	7.2	7.5	11.6	0.010	<0.020	0.010	<0.020	0.030	1.9
DEC												
05...	1600	24	128	7.1	16.5	9.0	0.020	0.180	0.030	0.160	0.100	5.1
12...	1300	22	150	6.7	6.5	13.0	0.020	0.170	0.060	0.090	0.060	5.3
FEB												
26...	1415	36	189	7.2	21.0	10.1	--	--	--	--	--	--
MAY												
21...	0900	25	208	7.3	25.5	7.6	--	--	--	--	--	--

07287400 BLACK CREEK AT LEXINGTON, MS

LOCATION.--Lat 33°06'19", long 90°03'12", NE1/4 SE1/4 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 mi^2.

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

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 171.14 ft above sea level.

REMARKS.--Estimated daily discharges: Dec. 21-31, Mar. 6,7, May 5-7, Jun. 3-30, Jul. 4-8. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

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

Date	Time	Discharge (ft3/s)	Gage Height (ft)	Date	Time	Discharge (ft3/s)	Gage Height (ft)
Jan. 26	1930	3,940	16.88	May 28	1915	*6,680	*21.78
Apr. 23	0215	5,000	18.91	Jun. 2	0115	3,590	16.16

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	26	34	157	84	29	47	72	517	26	34	28
2	29	69	29	259	798	29	43	65	1680	25	34	28
3	63	39	28	78	190	27	43	55	e350	24	42	27
4	37	32	109	53	95	26	42	47	e145	e27	34	28
5	30	25	53	47	73	30	39	e44	e92	e37	29	32
6	27	26	45	389	74	e35	41	e42	e72	e51	59	27
7	26	84	41	184	89	e100	40	e41	e60	e31	111	26
8	26	70	49	76	85	56	39	63	e56	e25	40	26
9	26	38	121	59	68	48	38	86	e48	22	39	26
10	26	32	59	54	56	45	35	55	e44	21	31	25
11	25	80	45	117	49	43	33	72	e41	23	28	23
12	25	45	41	159	43	42	32	61	e54	28	28	22
13	26	35	40	69	40	41	284	44	e45	24	30	22
14	92	36	38	54	39	40	353	42	e42	27	28	22
15	35	31	36	46	38	40	628	41	e39	32	28	22
16	30	29	170	42	35	39	209	36	e37	50	27	23
17	28	29	173	40	33	38	123	39	e35	55	32	21
18	25	28	909	84	33	225	97	36	e34	37	30	20
19	25	28	537	102	44	366	91	38	e33	25	27	20
20	24	27	159	57	60	95	155	38	e32	23	26	20
21	24	28	e96	52	43	60	527	40	e31	20	25	22
22	24	29	e74	47	37	48	604	46	e30	21	25	22
23	24	32	e66	62	34	42	2390	41	e29	21	25	20
24	23	38	e63	544	31	40	366	38	e29	21	24	19
25	23	31	e60	126	29	651	202	40	e28	105	24	18
26	24	29	e57	1420	30	203	121	38	e28	76	23	18
27	35	28	e53	967	29	90	80	38	e27	32	23	71
28	37	28	e52	199	33	66	69	2990	e27	272	30	42
29	27	33	e50	123	32	58	99	1040	e26	60	48	26
30	25	37	e49	96	---	53	91	284	e26	37	49	23
31	25	---	e80	85	---	51	---	250	---	42	29	---
TOTAL	945	1122	3416	5847	2324	2756	6961	5862	3737	1320	1062	769
MEAN	30.5	37.4	110	189	80.1	88.9	232	189	125	42.6	34.3	25.6
MAX	92	84	909	1420	798	651	2390	2990	1680	272	111	71
MIN	23	25	28	40	29	26	32	36	26	20	23	18
CFSM	.35	.42	1.25	2.14	.91	1.01	2.63	2.15	1.41	.48	.39	.29
IN.	.40	.47	1.44	2.47	.98	1.16	2.94	2.48	1.58	.56	.45	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1996, BY WATER YEAR (WY)

MEAN	54.9	85.5	124	187	239	230	251	146	91.6	83.3	48.6	52.6
MAX	162	223	232	379	497	374	864	302	285	253	113	110
(WY)	1989	1990	1991	1989	1991	1991	1991	1989	1989	1989	1994	1994
MIN	18.6	32.2	68.0	56.2	80.1	88.8	45.1	29.7	21.1	26.0	18.8	25.2
(WY)	1988	1991	1994	1988	1996	1992	1987	1988	1988	1987	1987	1993

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1987 - 1996	
ANNUAL TOTAL	52783		36121			
ANNUAL MEAN	145		98.7		135	
HIGHEST ANNUAL MEAN					217	1991
LOWEST ANNUAL MEAN					69.4	1992
HIGHEST DAILY MEAN	5980	Apr 23	2990	May 28	7000	Apr 29 1991
LOWEST DAILY MEAN	16	May 21	18	Sep 25	11	Aug 1 1994
ANNUAL SEVEN-DAY MINIMUM	18	May 18	20	Sep 20	15	Sep 4 1987
INSTANTANEOUS PEAK FLOW			6680	May 28	8300	Apr 23 1995
INSTANTANEOUS PEAK STAGE			21.78	May 28	24.27	Apr 23 1995
ANNUAL RUNOFF (CFSM)	1.64		1.12		1.53	
ANNUAL RUNOFF (INCHES)	22.29		15.25		20.80	
10 PERCENT EXCEEDS	215		158		235	
50 PERCENT EXCEEDS	44		39		43	
90 PERCENT EXCEEDS	22		24		22	

e Estimated

07287404 HARLAND CREEK NEAR HOWARD, MS

LOCATION.--Lat 33°06'05", long 90°10'23", in NW 1/4 SW 1/4 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 mi^2.

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 sea level. 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: Aug. 31-Sept. 1. Discharge records good except for estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--9 years, 92.9 ft^3/s, 20.32 in/yr.

EXTREMES FOR PERIOD OF DAILY RECORD.--
DISCHARGE: Maximum, 7,440 ft^3/s, Mar. 18, 1987, maximum gage height, 22.95 ft, Jan. 18-19, 1995; minimum, 5.6 ft^3/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, 1995.
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, 4,900 ft^3/s, Apr. 23, gage height, 20.21 ft; minimum, 8.6 ft^3/s, Oct. 1.
SUSPENDED SEDIMENT CONCENTRATION: Maximum daily mean, 2,250 mg/L, Dec. 18; minimum daily mean, 27 mg/L, Sept. 13, 20-21.
SUSPENDED SEDIMENT DISCHARGE: Maximum daily, 13,800 tons, June 2; minimum daily, 1.1 tons, Sept. 25,30.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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							
04...	0900	42	--	--	21.0	7.0	0.030
17...	1300	11	266	7.7	19.0	7.4	0.010
NOV							
01...	1015	12	293	7.5	17.0	8.5	<0.010
29...	1100	12	271	7.2	8.5	11.4	<0.010
DEC							
05...	1615	19	190	7.2	16.5	8.0	0.020
12...	1145	15	216	6.7	6.0	13.4	0.020
JAN							
26...	1530	1060	--	--	--	--	--
FEB							
26...	1300	17	287	7.3	19.0	9.8	--
MAY							
21...	1030	14	290	7.3	24.0	7.8	--
AUG							
14...	1000	17	277	7.1	24.5	7.9	--

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							
04...	0.110	0.060	0.460	0.260	9.3	--	--
17...	<0.020	0.020	0.040	0.040	2.9	--	--
NOV							
01...	<0.020	0.020	0.040	0.010	3.5	--	--
29...	<0.020	0.020	0.040	0.020	2.5	--	--
DEC							
05...	0.110	0.050	0.240	0.130	4.8	--	--
12...	0.060	0.080	0.170	0.110	4.7	--	--
JAN							
26...	--	--	--	--	--	4680	13400
FEB							
26...	--	--	--	--	--	--	--
MAY							
21...	--	--	--	--	--	--	--
AUG							
14...	--	--	--	--	--	--	--

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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)
JAN										
26...	1530	15	18	22	35	55	86	88	98	100

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	8.9	52	1.3	13	69	2.6	11	87	2.7
2	9.2	56	1.4	28	146	12	13	95	3.4
3	174	1700	946	33	126	13	10	72	2.0
4	40	245	27	18	71	3.4	90	647	213
5	19	169	8.4	13	59	2.0	22	108	7.0
6	14	122	4.5	14	50	1.8	14	54	2.1
7	13	76	2.8	22	333	23	12	50	1.7
8	11	75	2.3	16	133	5.7	15	97	5.5
9	11	73	2.3	14	100	3.7	121	242	89
10	11	65	2.0	14	112	4.3	27	100	7.4
11	11	60	1.8	30	417	38	17	78	3.5
12	11	59	1.8	30	190	18	15	63	2.6
13	11	60	1.8	15	84	3.4	14	51	1.9
14	25	113	8.5	13	66	2.3	13	56	2.0
15	15	76	3.2	11	59	1.8	15	62	2.7
16	12	63	2.1	11	53	1.5	202	1180	729
17	11	61	1.9	11	56	1.7	104	445	136
18	11	63	1.8	12	46	1.6	707	2250	6760
19	11	60	1.8	11	52	1.5	404	922	1860
20	11	57	1.7	11	57	1.7	64	98	18
21	11	52	1.6	10	56	1.5	35	69	6.6
22	11	48	1.4	10	54	1.5	27	65	4.7
23	10	44	1.2	14	108	4.6	24	62	4.0
24	10	46	1.3	16	69	2.9	22	60	3.6
25	11	50	1.5	14	50	1.9	20	58	3.2
26	12	52	1.7	13	66	2.4	19	57	2.9
27	18	87	5.2	12	64	2.1	19	55	2.8
28	14	58	2.2	11	61	1.8	18	55	2.7
29	12	54	1.7	11	53	1.6	18	56	2.7
30	11	53	1.6	11	70	2.0	18	55	2.6
31	12	54	1.7	---	---	---	20	53	2.8
		JANUARY			FEBRUARY			MARCH	
1	25	136	16	33	73	7.2	18	68	3.3
2	156	535	258	644	1640	3870	18	68	3.3
3	38	222	24	168	90	45	17	68	3.2
4	25	128	8.8	59	87	13	17	63	2.9
5	20	79	4.2	37	87	8.7	17	55	2.8
6	286	1070	1130	34	60	5.5	44	872	124
7	125	506	201	36	49	4.7	22	227	14
8	42	111	13	38	55	5.6	17	78	3.6
9	27	70	5.1	32	61	5.3	17	71	3.2
10	23	59	3.6	31	58	4.8	14	71	2.8
11	31	201	21	24	53	3.5	14	70	2.7
12	85	391	99	21	49	2.8	14	62	2.4
13	37	91	9.2	20	47	2.5	14	56	2.2
14	25	82	5.5	19	55	2.9	14	54	2.1
15	22	74	4.3	19	55	2.9	15	52	2.1
16	20	66	3.6	19	50	2.5	17	53	2.4
17	19	58	3.0	20	45	2.4	15	54	2.2
18	26	89	6.9	17	46	2.1	118	1340	971
19	37	94	9.5	24	59	4.0	146	374	178
20	23	62	3.9	33	91	8.3	41	106	12
21	21	56	3.2	25	52	3.5	26	67	4.7
22	20	52	2.8	21	39	2.2	23	51	3.1
23	24	59	6.0	19	38	2.0	23	47	2.9
24	381	979	1240	19	37	1.9	20	46	2.4
25	72	228	47	17	41	1.9	454	1900	2760
26	1040	2230	13000	17	45	2.0	118	256	91
27	674	1020	3130	17	51	2.3	52	124	18
28	151	225	95	18	65	3.1	38	87	9.0
29	71	118	23	16	67	2.9	32	65	5.7
30	47	83	11	---	---	---	32	54	4.6
31	36	63	6.2	---	---	---	28	50	3.7

07287404 HARLAND CREEK NEAR HOWARD, MS--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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	25	46	3.1	37	73	7.3	338	1000	6260
2	23	43	2.6	34	53	4.9	1440	2010	13800
3	20	40	2.2	30	49	4.0	146	163	66
4	20	38	2.1	28	46	3.5	70	189	35
5	20	37	2.0	26	44	3.1	43	118	14
6	24	39	2.5	23	42	2.5	33	61	5.6
7	20	41	2.2	20	40	2.2	30	54	4.3
8	19	43	2.2	19	38	2.0	72	233	57
9	19	41	2.1	21	39	2.1	32	76	6.7
10	18	44	2.2	20	39	2.2	25	58	3.9
11	18	46	2.2	26	41	2.9	23	82	5.0
12	18	46	2.3	24	43	2.7	22	118	7.1
13	184	753	401	19	44	2.3	23	152	9.5
14	515	1270	4770	17	44	2.1	26	118	10
15	545	749	1830	17	44	2.0	31	98	8.4
16	143	182	72	16	44	1.9	22	60	3.5
17	69	119	23	17	44	2.0	19	50	2.6
18	44	91	11	17	42	1.9	19	51	2.6
19	38	72	7.5	15	40	1.6	18	53	2.5
20	65	160	43	15	38	1.5	18	51	2.5
21	488	880	1540	14	40	1.6	18	50	2.4
22	449	1050	7070	14	43	1.7	19	48	2.5
23	2200	1830	13500	14	41	1.6	22	47	2.8
24	298	392	340	14	40	1.5	18	47	2.3
25	171	191	89	15	40	1.6	18	47	2.2
26	120	124	40	13	39	1.4	17	46	2.1
27	79	99	21	13	39	1.4	17	46	2.1
28	54	81	12	689	1430	6460	17	46	2.1
29	51	107	15	471	662	1740	19	41	2.1
30	56	172	28	49	95	13	16	41	1.8
31	---	---	---	24	47	3.1	---	---	---
		JULY			AUGUST			SEPTEMBER	
1	16	41	1.8	18	67	3.2	20	85	4.6
2	16	41	1.8	22	89	5.4	17	45	2.0
3	16	61	2.7	19	61	3.2	16	43	1.9
4	15	66	2.8	27	114	13	17	42	1.9
5	17	58	2.7	30	85	7.2	16	30	1.3
6	18	49	2.4	22	98	6.9	16	29	1.3
7	18	42	2.0	17	104	4.8	16	29	1.3
8	17	37	1.6	15	86	3.5	16	32	1.4
9	15	35	1.4	17	72	3.3	17	34	1.6
10	14	34	1.3	18	59	2.9	16	30	1.2
11	14	39	1.5	15	48	2.0	15	28	1.2
12	14	45	1.7	17	42	1.9	15	28	1.2
13	16	54	2.4	19	43	2.2	16	27	1.2
14	15	66	2.8	17	43	2.0	17	29	1.4
15	20	102	5.9	15	40	1.6	17	33	1.5
16	23	135	8.9	15	37	1.5	20	35	2.0
17	18	85	4.3	18	122	9.2	18	34	1.7
18	16	50	2.1	20	223	14	16	32	1.4
19	17	51	2.4	15	58	2.3	16	29	1.2
20	14	57	2.2	15	51	2.1	16	27	1.2
21	16	64	2.7	15	50	2.0	20	27	1.4
22	16	67	2.8	14	41	1.6	16	28	1.2
23	18	59	2.9	14	38	1.4	15	30	1.2
24	16	51	2.2	15	36	1.5	15	29	1.2
25	18	47	2.3	15	38	1.5	15	28	1.1
26	16	58	2.5	16	37	1.6	15	33	1.3
27	15	54	2.2	16	38	1.6	29	326	28
28	90	399	163	21	267	19	20	107	6.6
29	30	153	13	23	243	21	12	37	1.2
30	19	102	5.1	121	574	289	12	36	1.1
31	19	74	3.8	30	147	12	---	---	---

07288280 BIG SUNFLOWER RIVER NEAR MERIGOLD, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 33°49'55", long 90°40'20", in NW1/4 sec.24, T.23 N., R.5 W., Choctaw Meridian, Bolivar County, Hydrologic Unit 03080207, County Code 011, at county road bridge 3.0 mi west of U.S. Highway 61 south of Merigold about 0.1 mi and about 89.6 mi upstream from the mouth.

DRAINAGE AREA.--553 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Oct. 1992 to current year.

GAGE.--Water stage recorder. Datum of gage is 100.00 ft above sea level.

REMARKS.--Estimated daily discharges: Nov. 5-22, Jan. 4-17. Records fair except for estimated daily discharges, which are poor. Satellite telemeter at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	29	16	727	265	637	457	336	611	198	657	94
2	27	24	14	1510	184	424	324	141	1830	182	809	87
3	22	23	13	1640	105	200	261	98	2090	177	830	124
4	17	16	11	e1400	137	110	202	74	1690	179	1010	100
5	12	e14	10	e1100	138	102	169	55	1030	165	1050	74
6	11	e18	9.6	e600	121	109	137	46	505	145	921	61
7	24	e24	9.8	e300	157	546	114	41	255	132	667	61
8	29	e20	35	e150	906	624	88	53	306	143	425	64
9	24	e16	111	e85	1620	556	71	263	441	163	288	68
10	17	e19	92	e70	1680	379	59	241	307	159	211	60
11	11	e22	113	e60	1420	193	47	183	223	164	184	57
12	10	e27	83	e50	928	117	38	250	198	163	214	59
13	8.8	e23	59	e45	489	98	46	281	333	173	278	62
14	25	e19	47	e42	248	88	48	199	987	186	245	62
15	35	e16	89	e40	156	97	62	116	1300	230	188	53
16	35	e14	785	e40	119	109	45	78	1390	287	155	54
17	35	e13	899	e65	94	93	44	60	1330	355	140	52
18	38	e12	1790	94	73	94	46	50	1130	428	125	61
19	39	e11	3250	464	112	371	36	43	959	347	123	51
20	41	e11	3390	625	495	924	43	36	751	244	118	44
21	43	e10	3140	551	399	929	1030	34	664	198	104	46
22	40	e10	2680	378	277	605	2460	38	577	180	105	176
23	36	29	2050	282	195	310	3800	43	441	189	107	373
24	33	35	1280	1900	138	186	4130	54	345	183	113	263
25	30	32	560	2580	108	1650	3930	51	275	288	121	136
26	30	28	181	2610	92	2580	3510	128	251	569	124	74
27	49	24	95	2470	85	2610	2930	260	581	499	145	98
28	55	20	71	2120	152	2420	2250	171	481	639	162	698
29	49	18	61	1560	437	2040	1530	488	307	886	145	1080
30	51	18	48	881	---	1480	845	685	236	857	124	1040
31	40	---	146	464	---	852	---	669	---	658	112	---
TOTAL	949.8	595	21138.4	24903	11330	21533	28752	5265	21824	9366	10000	5332
MEAN	30.6	19.8	682	803	391	695	958	170	727	302	323	178
MAX	55	35	3390	2610	1680	2610	4130	685	2090	886	1050	1080
MIN	8.8	10	9.6	40	73	88	36	34	198	132	104	44
CFSM	.06	.04	1.28	1.51	.73	1.30	1.80	.32	1.36	.57	.61	.33
IN.	.07	.04	1.48	1.74	.79	1.50	2.01	.37	1.52	.65	.70	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1996, BY WATER YEAR (WY)

MEAN	56.3	295	934	1311	1245	1324	894	457	666	1029	432	138
MAX	80.5	737	1488	1705	3968	2421	1445	1112	1005	2201	803	204
(WY)	1995	1994	1994	1994	1994	1995	1993	1993	1994	1994	1993	1994
MIN	30.6	19.8	682	803	269	220	277	170	439	302	206	52.8
(WY)	1996	1996	1996	1996	1993	1993	1994	1996	1995	1996	1995	1995

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1993 - 1996	
ANNUAL TOTAL	252002.2		160988.2			
ANNUAL MEAN	690		440		731	
HIGHEST ANNUAL MEAN					1175	1994
LOWEST ANNUAL MEAN					440	1996
HIGHEST DAILY MEAN	5810	Mar 8	4130	Apr 24	6780	Jan 29 1994
LOWEST DAILY MEAN	8.8	Oct 13	8.8	Oct 13	8.8	Oct 13 1995
ANNUAL SEVEN-DAY MINIMUM	12	Nov 16	12	Nov 16	12	Nov 16 1995
INSTANTANEOUS PEAK FLOW			4150	Apr 24	6800	Jan 29 1994
INSTANTANEOUS PEAK STAGE			21.98	Apr 24	30.39	Jan 29 1994
INSTANTANEOUS LOW FLOW			7.8	Oct 13	6.8	Oct 31 1993
ANNUAL RUNOFF (CFSM)	1.30		.83		1.37	
ANNUAL RUNOFF (INCHES)	17.59		11.24		18.63	
10 PERCENT EXCEEDS	2750		1350		2450	
50 PERCENT EXCEEDS	170		142		231	
90 PERCENT EXCEEDS	23		24		38	

e Estimated

07288280 BIG SUNFLOWER RIVER NEAR MERIGOLD, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

WATER QUALITY DATA, MAY 1995 TO SEPTEMBER 1996

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)
MAY 1995						
18...	0740	77	293	7.0	26.5	5.2
JUN						
20...	1400	166	448	8.0	28.0	8.8
AUG						
08...	1640	264	515	8.0	31.5	7.9
FEB 1996						
27...	1615	84	239	7.5	18.0	8.1
MAY						
22...	1730	40	318	7.6	29.5	6.2
AUG						
15...	1405	183	480	7.9	28.0	10.8

07288650 BOGUE PHALIA NEAR LELAND, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 33°23'47", long 90°50'47", in NW1/4 sec.20, T.18 N., R.6 W., Choctaw Meridian, Washington County, Hydrologic Unit 03030207, County Code 151, at county road bridge 2.7 mi east of Leland and 1.5 mi downstream of U.S. Highway 82.

DRAINAGE AREA.--484 mi^2, U.S. Army Corps of Engineers.

WATER DISCHARGE RECORDS

PERIOD OF RECORD.--Oct. 1, 1995 to current year. Nov. 13, 1945, to September 29, 1992, stage data available; November 1945 to date, measured discharge available; November 14, 1945, to December 31, 1946, daily discharge available in U.S. Army Corps of Engineer's records.

GAGE.--Water stage recorder. Datum of gage is 86.21 ft above sea level (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Mar. 31 - Apr. 3, 9. Records fair except for estimated daily discharges, which are poor. U.S. Army Corps of Engineers satellite telemeter at station.

EXTREMES OUTSIDE OF PERIOD OF RECORD: Maximum gage height 28.80 ft, Feb. 22, 1991, by U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.1	7.2	6.9	69	235	130	e250	89	45	228	1450	196
2	7.1	7.6	6.8	1180	161	87	e180	54	1020	203	1080	131
3	7.4	7.4	6.8	1590	140	62	e140	35	1310	173	760	89
4	7.3	6.8	6.9	1030	139	36	89	23	1060	149	558	295
5	6.9	6.5	6.9	589	138	24	71	17	571	122	426	408
6	6.6	6.6	7.3	451	130	21	72	13	302	113	321	277
7	6.6	6.9	7.6	438	62	86	57	12	183	103	257	158
8	6.6	7.0	9.4	270	568	371	36	11	145	110	226	74
9	6.6	6.7	255	158	996	365	e25	11	246	126	222	31
10	6.6	6.6	437	100	948	225	16	11	479	136	194	16
11	6.6	7.6	278	74	697	122	14	17	444	152	174	13
12	6.6	7.4	139	199	456	66	11	133	328	162	265	11
13	6.6	7.2	68	304	312	32	24	205	254	150	395	8.5
14	6.6	6.9	33	235	203	18	31	158	247	162	479	7.2
15	6.4	6.5	17	159	132	15	423	96	252	226	444	6.8
16	6.4	6.5	234	100	98	23	376	47	238	309	367	7.8
17	6.4	6.4	1360	62	76	22	184	19	201	523	288	8.2
18	6.4	6.4	2240	48	46	19	86	13	176	682	213	7.3
19	6.4	6.3	4250	157	30	161	41	10	559	579	144	6.8
20	6.5	6.3	4630	248	25	196	304	9.2	429	416	105	6.7
21	6.6	6.4	3510	180	264	204	882	8.8	295	299	88	7.0
22	6.5	6.3	2120	128	411	166	3620	9.3	236	298	80	6.8
23	6.5	6.4	1080	99	336	105	7480	10	202	282	80	6.7
24	6.6	6.7	540	665	248	60	7310	11	167	271	82	6.6
25	6.5	6.5	315	1870	158	1200	5130	11	140	328	83	6.5
26	6.5	6.7	188	1710	85	2530	2860	11	128	464	75	6.4
27	6.9	7.6	107	1270	47	2060	1490	11	188	555	76	186
28	7.3	7.8	60	842	100	1240	708	30	315	489	214	1340
29	6.8	7.1	35	509	180	703	349	54	309	414	381	1840
30	7.3	6.9	21	355	---	415	174	37	260	362	351	1420
31	7.5	---	20	358	---	e200	---	31	---	590	274	---
TOTAL	208.7	205.2	21995.6	15447	7421	10964	32433	1207.3	10729	9176	10152	6584.3
MEAN	6.73	6.84	710	498	256	354	1081	38.9	358	296	327	219
MAX	7.5	7.8	4630	1870	996	2530	7480	205	1310	682	1450	1840
MIN	6.4	6.3	6.8	48	25	15	11	8.8	45	103	75	6.4
CFSM	.01	.01	1.47	1.03	.53	.73	2.23	.08	.74	.61	.68	.45
IN.	.02	.02	1.69	1.19	.57	.84	2.49	.09	.82	.71	.78	.51

WTR YR 1996 TOTAL 126523.1 MEAN 346 MAX 7480 MIN 6.3 CFSM .71 IN. 9.72

SUMMARY STATISTICS	FOR 1996 WATER YEAR	
ANNUAL TOTAL	126523.1	
ANNUAL MEAN	346	
HIGHEST DAILY MEAN	7480	Apr 23
LOWEST DAILY MEAN	6.3	Nov 19
ANNUAL SEVEN-DAY MINIMUM	6.4	Nov 17
INSTANTANEOUS PEAK FLOW	7860	Apr 23
INSTANTANEOUS PEAK STAGE	24.01	Apr 23
INSTANTANEOUS LOW FLOW	6.1	Nov 22
ANNUAL RUNOFF (CFSM)	.71	
ANNUAL RUNOFF (INCHES)	9.72	
10 PERCENT EXCEEDS	724	
50 PERCENT EXCEEDS	124	
90 PERCENT EXCEEDS	6.6	

e Estimated

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

WATER QUALITY DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	TIME	DEPTH AT SAMPLE LOC-ATION, TOTAL (FEET) (81903)	SAMPLE LOC-ATION, CROSS SECTION (FT FM L BANK) (00009)	SAMPLE LOC-ATION, CROSS SECTION (FT FM R BK) (72103)	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)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JUN 1995											
27...	1530	--	--	--	292	515	8.1	30.0	9.3	--	--
AUG											
22...	1400	--	--	--	158	635	7.9	31.0	5.2	--	--
JAN 1996											
23...	1442	1.00	160	--	--	205	7.2	9.5	11.4	--	--
23...	1444	1.00	140	--	--	205	7.3	9.5	11.5	--	--
23...	1446	1.00	120	--	--	205	7.4	9.5	11.2	--	--
23...	1448	1.00	100	--	--	205	7.4	9.5	11.2	--	--
23...	1449	1.00	80.0	--	--	205	7.4	9.5	11.4	--	--
23...	1450	1.00	60.0	--	--	206	7.4	10.0	11.4	--	--
23...	1520	--	160	--	95	205	7.4	7.5	11.4	564	95
FEB											
16...	1145	--	--	--	96	198	7.4	9.0	10.1	225	97
29...	1415	1.00	--	--	185	206	7.6	10.0	9.3	628	100
MAR											
21...	1300	--	--	--	207	173	7.2	10.5	10.3	435	100
APR											
04...	1115	--	--	--	86	151	6.8	17.5	7.9	559	97
18...	1215	--	--	--	84	161	7.2	18.0	7.0	--	--
24...	1320	--	--	--	7320	72	6.4	20.0	5.3	553	99
MAY											
09...	1230	--	--	--	11	428	7.6	25.5	9.2	91	93
15...	1000	--	--	--	101	292	7.2	24.5	6.3	--	--
21...	0930	--	--	--	8.8	443	7.5	26.5	6.0	116	96
JUN											
03...	1140	0.50	--	50.0	--	254	6.3	25.0	4.3	--	--
03...	1141	4.00	--	50.0	--	254	6.8	25.0	4.3	--	--
03...	1142	0.50	--	65.0	--	254	6.8	25.0	4.2	--	--
03...	1143	7.00	--	65.0	--	254	6.8	25.0	4.2	--	--
03...	1144	0.50	--	80.0	--	254	6.8	25.0	4.3	--	--
03...	1145	8.00	--	80.0	--	254	6.8	25.0	4.2	--	--
03...	1146	0.50	--	100.0	--	242	6.9	25.0	4.3	--	--
03...	1147	11.0	--	100.0	--	242	6.9	25.0	4.2	--	--
03...	1148	0.50	--	130.0	--	254	6.9	25.0	4.3	--	--
03...	1149	11.0	--	130.0	--	253	6.9	25.0	4.2	--	--
03...	1150	0.50	--	150.0	--	253	6.9	25.0	4.2	--	--
03...	1152	8.00	--	150.0	--	253	6.9	25.0	4.2	--	--
03...	1155	0.50	--	170.0	--	253	6.9	25.0	4.2	--	--
03...	1200	--	--	--	1340	254	6.9	25.0	4.2	473	98
03...	1210	7.00	--	170.0	--	253	6.9	25.0	4.2	--	--
09...	0830	--	--	--	200	446	7.8	27.0	7.2	--	--
09...	1500	--	--	--	263	456	8.0	28.5	6.9	--	--
18...	1415	0.0	--	60.0	--	472	8.2	32.0	8.8	--	--
18...	1417	0.50	--	90.0	--	469	8.1	32.0	8.1	--	--
18...	1423	1417.0	--	60.0	--	469	8.2	32.0	8.8	--	--
18...	1425	4.00	--	90.0	--	470	8.1	31.5	8.1	--	--
18...	1427	0.50	--	120.0	--	470	8.1	32.0	8.5	--	--
18...	1430	4.00	--	120.0	--	471	8.1	31.5	7.6	--	--
18...	1432	0.50	--	150.0	--	467	8.3	32.5	9.1	--	--
18...	1433	3.00	--	150.0	--	472	8.0	31.5	7.4	--	--
18...	1434	0.50	--	170.0	--	465	8.3	32.5	9.9	--	--
18...	1436	2.00	--	170.0	--	471	8.1	31.5	7.9	--	--
18...	1500	--	--	--	163	470	8.2	31.5	8.5	142	96
19...	1100	--	--	--	624	216	6.9	26.0	4.1	--	--
JUL 1996											
03...	1159	0.50	--	50.0	--	514	8.0	33.0	7.7	--	--
03...	1204	0.50	--	80.0	--	516	7.9	33.0	8.0	--	--
03...	1210	0.50	--	110.0	--	508	8.0	33.0	8.1	--	--
03...	1216	0.50	--	140.0	--	516	8.0	33.0	7.9	--	--
03...	1223	0.50	--	170.0	--	518	8.0	32.5	7.4	--	--
03...	1300	--	--	--	173	508	8.0	33.0	8.1	--	--
18...	1045	--	--	--	695	491	7.5	29.5	4.3	103	99
18...	1048	0.50	--	50.0	--	492	7.5	29.0	4.8	--	--
18...	1050	0.50	80.0	80.0	--	491	7.5	29.0	5.2	--	--
18...	1051	0.50	--	110.0	--	491	7.5	29.0	4.3	--	--
18...	1052	0.50	--	140.0	--	491	7.5	29.0	4.4	--	--
18...	1055	0.50	--	170.0	--	491	7.5	29.0	4.3	--	--
18...	1058	0.60	--	130.0	--	491	7.5	29.0	4.6	--	--
29...	1145	--	--	--	411	501	7.7	28.5	6.1	90	99
29...	1154	1.50	--	40.0	--	500	7.6	28.5	5.9	--	--
29...	1156	0.50	--	40.0	--	500	7.6	28.5	6.0	--	--
29...	1158	0.50	--	55.0	--	500	7.7	28.5	5.6	--	--
29...	1159	3.00	--	55.0	--	501	7.7	28.5	5.4	--	--
29...	1200	0.50	--	70.0	--	501	7.7	28.5	5.4	--	--
29...	1205	3.00	--	70.0	--	501	7.7	28.5	5.3	--	--
29...	1207	0.50	--	85.0	--	501	7.7	28.5	6.1	--	--
29...	1210	4.00	--	85.0	--	502	7.7	28.5	6.1	--	--

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	TIME	DEPTH AT SAMPLE LOC-ATION, TOTAL (FEET) (81903)	SAMPLE LOC-ATION, CROSS SECTION (FT FM L BANK) (00009)	SAMPLE LOC-ATION, CROSS SECTION (FT FM R BK) (72103)	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)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JUL 1996											
29...	1213	0.50	--	100.0	--	502	7.7	29.0	5.4	--	--
29...	1215	5.00	--	100.0	--	502	7.7	28.5	5.3	--	--
29...	1218	0.50	--	115.0	--	501	7.7	29.0	5.8	--	--
29...	1220	5.00	--	115.0	--	502	7.7	28.5	6.0	--	--
29...	1225	0.50	--	130.0	--	502	7.7	28.5	5.3	--	--
29...	1228	6.00	--	130.0	--	502	7.7	28.5	5.3	--	--
29...	1230	0.50	--	145.0	--	502	7.7	28.5	5.3	--	--
29...	1232	4.00	--	145.0	--	502	7.7	28.5	5.2	--	--
29...	1234	2.00	--	160.0	--	502	7.7	28.5	5.1	--	--
29...	1236	2.00	--	160.0	--	502	7.7	28.5	5.1	--	--
AUG											
13...	1130	--	--	--	398	568	7.9	25.5	6.2	102	86
29...	1023	1.00	--	120.0	--	594	7.7	27.0	6.1	--	--
29...	1025	7.00	--	120.0	--	592	7.7	27.0	6.0	--	--
29...	1029	1.00	--	80.0	--	594	7.8	27.0	6.1	--	--
29...	1031	4.00	--	80.0	--	594	7.8	27.0	6.1	--	--
29...	1035	1.00	--	160.0	--	594	7.8	27.0	6.5	--	--
29...	1036	5.00	--	160.0	--	594	7.8	27.5	6.5	--	--
29...	1100	--	--	--	391	594	7.8	27.0	6.1	112	93
SEP											
05...	1100	--	--	--	421	420	7.6	26.5	6.5	--	--
05...	1610	--	--	--	397	418	7.9	27.0	6.7	--	--
09...	1446	1.51	--	120.0	--	516	7.8	30.5	7.2	--	--
09...	1452	3.80	--	120.0	--	518	7.6	28.5	5.2	--	--
09...	1500	--	--	--	27	517	7.7	30.5	7.2	88	92
16...	1145	1.50	--	125.0	--	644	7.5	24.5	5.0	--	--
16...	1146	0.50	--	125.0	--	646	7.5	24.5	4.9	--	--
16...	1147	2.70	--	125.0	--	643	7.6	26.5	6.3	--	--
16...	1148	0.50	--	150.0	--	635	7.6	26.5	6.0	--	--
16...	1150	2.00	--	150.0	--	647	7.5	24.5	5.3	--	--
16...	1153	0.50	--	80.0	--	643	7.6	26.0	6.3	--	--
16...	1154	7.60	--	80.0	--	643	7.6	25.5	6.0	--	--
16...	1200	--	--	--	8.1	646	7.5	26.5	6.3	85	76

DATE	TIME	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	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 CACO3 (39086)
FEB 1996									
16...	1145	120	120	18	5.7	10	3.5	80	65
29...	1415	800	760	19	6.1	11	3.8	101	83
MAR									
21...	1300	1100	E5000	18	5.5	7.3	3.5	74	61
APR									
04...	1115	230	K140	15	4.5	5.2	3.0	66	54
18...	1215	--	--	17	5.1	5.6	2.8	66	54
24...	1320	--	--	6.9	2.0	3.1	2.7	25	21
MAY									
09...	1230	--	--	56	15	10	2.9	227	186
21...	0930	--	--	55	15	12	3.2	220	180
JUN									
03...	1200	--	--	24	7.7	12	3.8	54	44
18...	1500	--	--	50	18	22	4.5	204	167
JUL									
03...	1300	--	--	50	20	23	3.9	222	182
18...	1045	--	--	52	19	19	3.9	223	183
29...	1145	--	--	58	20	18	3.5	249	204
AUG									
13...	1130	--	--	61	21	22	5.6	--	--
29...	1100	--	--	62	23	22	1.6	268	220
SEP									
09...	1500	--	--	59	19	17	7.3	254	208
16...	1200	--	--	79	25	18	5.0	334	274

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

WATER QUALITY DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	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)	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)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 1996									
16...	15	7.9	0.20	7.5	125	0.020	1.00	0.100	1.3
29...	11	5.8	0.20	5.2	136	0.020	0.740	0.080	2.0
MAR									
21...	10	4.4	0.20	7.5	111	0.050	1.50	0.170	1.5
APR									
04...	12	3.4	0.20	6.9	88	0.020	1.20	0.110	1.6
18...	12	2.7	0.20	7.9	104	0.040	1.30	0.210	2.3
24...	6.9	2.0	0.10	6.0	57	0.020	0.920	0.070	0.70
MAY									
09...	27	5.0	0.20	17	252	<0.010	0.170	0.020	0.80
21...	32	7.2	0.20	14	265	<0.010	0.050	0.030	1.3
JUN									
03...	36	6.4	0.20	8.0	178	0.110	1.80	0.570	2.6
18...	59	9.4	0.30	12	287	0.130	0.770	0.040	1.3
JUL									
03...	57	9.5	0.20	15	323	0.460	1.50	0.190	1.9
18...	46	6.5	0.20	18	301	0.360	1.40	0.270	1.3
29...	38	6.6	0.20	21	308	--	--	--	--
AUG									
13...	46	11	0.20	19	338	0.020	0.220	0.050	0.70
29...	52	13	0.20	17	355	0.020	0.160	0.050	0.60
SEP									
09...	43	12	0.20	16	306	<0.010	0.060	<0.020	<0.20
16...	59	9.7	0.20	19	386	<0.010	0.060	<0.015	0.60

DATE	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	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) (00671)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDED TOTAL (MG/L AS C) (00689)
FEB 1996								
16...	0.60	0.310	0.050	0.040	19	24	5.9	3.1
29...	0.90	0.560	0.050	0.040	6.0	5.0	7.6	>5.0
MAR								
21...	0.70	0.430	0.080	0.050	47	9.0	6.4	4.9
APR								
04...	0.50	0.550	0.050	0.040	14	27	--	1.7
18...	0.60	0.780	0.050	0.050	47	25	--	--
24...	0.40	0.680	0.080	0.080	17	10	7.2	5.2
MAY								
09...	0.30	0.100	0.010	0.010	7.0	270	4.0	3.0
21...	0.30	0.240	0.040	0.020	4.0	210	4.3	3.3
JUN								
03...	1.5	0.460	0.070	0.060	95	7.0	5.5	3.2
18...	0.60	0.220	0.050	0.040	8.0	23	5.6	2.5
JUL								
03...	0.90	0.170	0.040	0.050	7.0	16	6.4	0.20
18...	0.90	0.120	0.070	0.080	4.0	7.0	5.4	1.8
29...	--	--	--	--	4.0	10	4.8	1.2
AUG								
13...	0.40	0.150	0.090	0.120	6.0	7.0	5.1	0.90
29...	0.40	0.130	0.110	0.110	<3.0	3.0	5.1	1.4
SEP								
09...	0.40	0.030	0.060	0.080	<3.0	10	6.2	2.5
16...	0.20	0.090	0.060	0.040	<3.0	85	4.7	1.5

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

PESTICIDE ANALYSES, JUNE 1995 TO SEPTEMBER 1996

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
FEB 1996												
16...	<0.002	<0.002	0.058	<0.003	<0.003	<0.007	0.008	<0.016	<0.016	<0.021	<0.002	<0.008
29...	<0.002	<0.002	0.067	<0.003	<0.003	<0.007	0.005	<0.016	<0.016	<0.021	<0.002	<0.008
MAR												
21...	0.011	0.008	1.60	<0.003	<0.003	<0.007	0.210	<0.016	<0.016	<0.021	<0.002	<0.008
APR												
04...	0.005	<0.006	2.00	<0.003	<0.003	<0.007	0.007	<0.016	<0.016	<0.021	<0.002	<0.008
18...	<0.002	<0.002	6.30	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
24...	<0.002	<0.002	E5.00	<0.003	<0.003	<0.007	0.020	<0.016	<0.016	<0.021	<0.002	<0.008
MAY												
09...	<0.002	<0.002	1.20	<0.003	<0.003	<0.007	0.007	<0.016	<0.016	<0.021	<0.002	<0.008
21...	<0.002	<0.002	2.70	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
JUN												
03...	<0.002	0.035	E9.20	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
18...	0.021	<0.002	0.620	<0.003	<0.003	<0.007	0.008	<0.016	<0.016	<0.021	<0.002	<0.008
JUL												
03...	<0.002	<0.002	0.260	<0.003	<0.003	<0.007	0.017	<0.016	<0.016	<0.021	<0.002	<0.008
18...	<0.002	<0.002	0.730	<0.003	<0.003	<0.007	0.052	<0.016	<0.016	<0.021	<0.002	<0.008
29...	<0.002	<0.002	0.100	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
AUG												
13...	<0.002	<0.002	0.130	<0.003	<0.003	E0.007	0.006	<0.016	<0.016	<0.021	<0.002	<0.008
29...	<0.002	<0.002	0.159	<0.003	<0.003	E0.003	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
SEP												
09...	<0.002	<0.002	0.134	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
16...	<0.002	<0.002	0.057	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008

DATE	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
FEB 1996												
16...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.076	<0.018	<0.004	<0.035	<0.035
29...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.036	<0.018	<0.004	<0.035	<0.035
MAR												
21...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	2.50	<0.018	<0.004	<0.035	<0.035
APR												
04...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.190	--	<0.004	<0.035	<0.035
18...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.080	<0.018	<0.004	<0.035	<0.035
24...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.070	<0.018	<0.004	<0.035	<0.035
MAY												
09...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.210	<0.018	<0.004	<0.035	<0.035
21...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	2.40	<0.018	<0.004	<0.035	<0.035
JUN												
03...	E0.065	<0.028	E0.280	<0.014	<0.002	<0.026	<0.017	E40.0	<0.018	<0.004	<0.035	<0.035
18...	<0.003	<0.028	E0.040	<0.014	<0.002	<0.026	<0.017	100	<0.018	0.005	<0.035	<0.035
JUL												
03...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	0.270	30.0	<0.018	<0.004	<0.035	<0.035
18...	<0.003	0.340	E0.400	<0.014	<0.002	<0.026	0.650	8.70	<0.018	<0.004	<0.035	<0.035
29...	<0.003	<0.028	E0.026	<0.014	<0.002	<0.026	<0.017	1.50	<0.018	<0.004	<0.035	<0.035
AUG												
13...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	0.290	0.560	<0.018	<0.004	<0.035	<0.035
29...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	E0.210	0.378	<0.018	<0.004	<0.035	<0.035
SEP												
09...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.395	<0.018	<0.004	<0.035	<0.035
16...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.440	<0.018	<0.004	<0.035	<0.035

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

PESTICIDE ANALYSES, JUNE 1995 TO SEPTEMBER 1996

DATE	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-D, TOTAL (UG/L) (39730)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2, 4-DP TOTAL (UG/L) (82183)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	SILVEX, TOTAL (UG/L) (39760)	2,4,5-T DIS-SOLVED (UG/L) (39742)
FEB 1996												
16...	0.036	<0.001	<0.035	--	<0.032	--	<0.013	<0.050	<0.035	<0.021	--	<0.035
29...	0.008	<0.001	0.180	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
MAR												
21...	0.023	<0.001	0.640	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
APR												
04...	0.018	<0.001	0.410	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
18...	0.015	<0.001	0.560	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
24...	<0.002	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
MAY												
09...	0.019	<0.001	<0.035	<0.010	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
21...	0.230	<0.001	<0.035	0.040	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
JUN												
03...	4.00	<0.001	<0.035	0.040	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
18...	0.410	<0.001	0.680	0.630	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
JUL												
03...	0.150	<0.001	0.420	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
18...	0.360	<0.001	0.630	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
29...	0.054	<0.001	0.340	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
AUG												
13...	0.047	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
29...	0.112	<0.001	0.500	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
SEP												
09...	0.017	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
16...	0.018	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035

DATE	2,4,5-T TOTAL (UG/L) (39740)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
FEB 1996												
16...	--	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	E0.001
29...	--	<0.050	<0.002	<0.004	<0.019	0.012	0.007	<0.002	<0.035	<0.002	<0.017	E0.002
MAR												
21...	--	<0.050	<0.002	<0.004	<0.019	0.019	0.008	<0.002	<0.035	E0.002	<0.017	<0.006
APR												
04...	--	<0.050	<0.002	<0.004	<0.019	0.022	0.011	<0.005	<0.035	<0.002	<0.017	E0.002
18...	--	<0.050	<0.002	<0.004	<0.019	0.086	0.032	<0.002	<0.035	E0.002	<0.017	E0.002
24...	--	<0.050	<0.002	<0.004	<0.019	E0.130	E0.072	<0.002	<0.035	<0.002	<0.017	<0.006
MAY												
09...	<0.010	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
21...	<0.010	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
JUN												
03...	<0.010	<0.050	<0.002	<0.004	<0.019	0.480	0.031	<0.002	<0.035	<0.002	<0.017	<0.006
18...	<0.010	1.30	<0.002	<0.004	<0.019	0.062	E0.002	<0.002	<0.035	<0.002	<0.017	E0.003
JUL												
03...	--	E4.60	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
18...	--	E1.70	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
29...	--	1.00	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
AUG												
13...	--	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
29...	--	0.570	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
SEP												
09...	--	0.550	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
16...	--	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

PESTICIDE ANALYSES, JUNE 1995 TO SEPTEMBER 1996

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PARA-THION, DIS-SOLVED (UG/L) (39542)
FEB 1996												
16...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
29...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
MAR												
21...	<0.020	<0.001	<0.004	<0.001	0.006	<0.002	<0.017	<0.003	<0.003	<0.005	0.029	<0.004
APR												
04...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
18...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
24...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
MAY												
09...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
21...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
JUN												
03...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.290	<0.004
18...	<0.020	E0.003	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.072	<0.004
JUL												
03...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.110	<0.004
18...	<0.020	<0.001	<0.004	<0.001	0.072	<0.002	<0.017	<0.003	<0.003	<0.005	0.081	<0.004
29...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.220	<0.004
AUG												
13...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.230	<0.004
29...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.068	<0.004
SEP												
09...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
16...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004

DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
FEB 1996												
16...	<0.002	<0.013	<0.005	0.008	<0.002	0.025	0.010	<0.018	<0.005	<0.035	<0.007	0.070
29...	<0.002	<0.013	<0.005	0.010	<0.002	0.025	<0.004	<0.018	0.018	<0.035	<0.007	<0.013
MAR												
21...	<0.002	<0.013	<0.005	0.700	E0.011	0.140	0.057	E0.014	0.400	<0.035	<0.007	<0.013
APR												
04...	<0.002	<0.013	<0.005	1.60	E0.029	0.056	0.012	<0.018	0.093	<0.035	<0.007	<0.013
18...	<0.002	<0.013	<0.005	1.10	E0.035	0.068	0.530	<0.018	0.350	<0.035	<0.007	<0.013
24...	<0.002	<0.013	<0.005	1.40	E0.043	0.110	0.210	<0.018	0.110	<0.035	<0.007	<0.013
MAY												
09...	<0.002	<0.013	<0.005	0.530	E0.021	0.024	0.042	<0.018	0.013	<0.035	<0.007	<0.013
21...	<0.002	<0.013	<0.005	1.30	E0.046	0.038	0.074	<0.018	0.012	<0.035	<0.007	<0.013
JUN												
03...	<0.002	<0.013	<0.005	E8.50	E0.190	0.250	0.880	<0.018	0.057	<0.035	<0.007	<0.013
18...	<0.002	<0.013	<0.005	0.780	E0.073	0.120	0.013	<0.018	0.190	<0.035	<0.007	<0.013
JUL												
03...	<0.002	<0.013	<0.005	0.240	E0.028	0.740	0.024	<0.018	<0.005	<0.035	<0.007	<0.013
18...	<0.002	<0.013	<0.005	0.250	E0.019	2.70	0.030	<0.018	0.014	<0.035	<0.007	<0.013
29...	<0.002	<0.013	<0.005	0.052	E0.004	0.100	<0.004	<0.018	<0.005	<0.035	<0.007	<0.013
AUG												
13...	<0.002	<0.013	<0.005	0.210	E0.006	0.069	0.022	<0.018	0.008	<0.035	<0.007	<0.013
29...	<0.002	<0.013	<0.005	0.011	<0.002	0.016	<0.004	<0.018	<0.005	<0.035	<0.007	<0.013
SEP												
09...	<0.002	<0.013	<0.005	0.049	<0.002	0.015	<0.004	<0.018	<0.005	<0.035	<0.007	<0.013
16...	<0.002	<0.013	<0.005	0.014	E0.002	0.009	<0.004	<0.018	<0.005	<0.035	<0.007	<0.013

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

PESTICIDE ANALYSES, JUNE 1995 TO SEPTEMBER 1996

DATE	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)
FEB 1996											
16...	0.230	0.090	<0.018	0.008	<0.015	<0.010	<0.035	<0.014	<0.035	<0.011	<0.050
29...	0.220	0.100	<0.018	<0.002	<0.015	E0.007	<0.035	<0.014	<0.035	<0.011	<0.050
MAR											
21...	0.090	0.100	<0.018	<0.002	<0.015	E0.007	0.070	<0.014	<0.035	<0.011	<0.050
APR											
04...	0.090	0.050	<0.018	<0.002	E0.240	0.069	<0.035	<0.014	<0.035	<0.011	<0.050
18...	0.100	0.100	<0.018	<0.002	<0.015	0.041	<0.035	<0.014	<0.035	<0.011	<0.050
24...	E0.070	0.400	<0.018	<0.002	<0.015	<0.010	E0.030	<0.014	<0.035	<0.011	<0.050
MAY											
09...	E0.050	0.180	<0.018	<0.002	<0.015	0.025	<0.035	E0.007	<0.035	<0.011	<0.050
21...	<0.020	0.540	<0.018	<0.002	<0.015	0.018	<0.035	<0.014	<0.035	<0.011	<0.050
JUN											
03...	<0.020	E1.30	<0.018	<0.002	<0.015	<0.010	<0.035	0.270	<0.035	<0.011	<0.050
18...	0.130	0.140	<0.018	<0.002	<0.015	0.020	0.270	0.430	<0.035	<0.011	<0.050
JUL											
03...	0.360	0.170	<0.018	<0.002	<0.015	0.030	0.490	0.640	<0.035	<0.011	<0.050
18...	0.980	0.280	<0.018	<0.002	<0.015	<0.010	E1.60	E2.30	<0.035	<0.011	<0.050
29...	0.070	0.040	<0.018	<0.002	<0.015	<0.010	0.840	E1.10	<0.035	<0.011	<0.050
AUG											
13...	<0.020	E0.020	<0.018	<0.002	<0.015	0.120	<0.035	E0.820	<0.035	<0.011	<0.050
29...	<0.020	<0.035	<0.018	<0.002	<0.015	0.054	0.420	0.400	<0.035	<0.011	<0.050
SEP											
09...	<0.020	<0.035	<0.018	<0.002	<0.015	0.016	0.340	0.330	<0.035	<0.011	<0.050
16...	<0.050	<0.040	<0.018	<0.002	<0.015	0.016	0.130	0.160	<0.035	<0.011	<0.050

DATE	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICAMBA TOTAL (UG/L) (82052)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PIC-LORAM UNFILT RECOVER (UG/L) (39720)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
FEB 1996											
16...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
29...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
MAR											
21...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	0.140	<0.050	--	<0.013
APR											
04...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
18...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	0.200	<0.050	--	<0.013
24...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
MAY											
09...	<0.035	<0.010	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.010	<0.013
21...	<0.035	<0.010	<0.003	<0.035	<0.035	<0.019	<0.007	E0.110	<0.050	<0.010	<0.013
JUN											
03...	<0.035	<0.010	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.010	<0.013
18...	<0.035	0.020	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.010	<0.013
JUL											
03...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
18...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	0.120	<0.050	--	<0.013
29...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
AUG											
13...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
29...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
SEP											
09...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
16...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

BED SEDIMENT DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUMINUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
AUG 1995												
22...	1.0	0.96	0.54	1.7	0.06	0.09	7.4	0.7	9.9	670	2	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
AUG 1995												
22...	0.4	77	78	12	30	<2	16	<8	<4	3.5	43	14

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 1995												
22...	40	610	0.03	<2	36	31	16	12	0.8	0.2	120	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITANIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PERCENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PERCENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
AUG 1995												
22...	13	<10	0.360	4.0	130	2	24	110	0.12	8.10	1.36	1.40

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLORDANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLORDANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLORDANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORONEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
AUG 1995												
22...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	4.60	23.0	1.10

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIELDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDOSULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTACHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTACHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXYCHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXYCHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
AUG 1995												
22...	54.0	2.20	5.80	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

BED SEDIMENT DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL- SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
AUG 1995												
22...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	E24	<50	<50	E10	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL- SED, BM WS,<2MM DW, REC (UG/KG) (49427)
AUG 1995												
22...	<50	E41	<50	E44	E13	E38	E27	<50	<50	E41	<50	<50

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO- SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49441)
AUG 1995												
22...	<50	<50	<50	<50	<50	56	<50	<50	<50	E26	<50	<50

DATE	BENZENE P-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL- SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
AUG 1995												
22...	<50	E18	<50	<50	E30	<50	<50	<50	<50	<50	<50.0	92

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL- SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)
AUG 1995												
22...	E14	<50.0	E34	<50	<50	E19	<50	E10	<50	E16	<50	<50

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
AUG 1995											
22...	<50	<50	<50	<50	E31	<50	E34	67	<50	<50	<50

07288650 BOGUE PHALIA NEAR LELAND, MS--Continued

FISH LIVER DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	ALUMI-NUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTI-MONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYL-LIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROM-IUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
AUG 1995											
22...	47	<0.2	0.5	0.7	<0.2	0.4	2.9	<0.5	<0.2	89	580

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGAN-ESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYB-DENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELEN-IUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRON-TIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANA-DIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
AUG 1995											
22...	<0.2	4.4	0.2	1.0	0.3	6.2	0.6	0.6	<0.2	1.0	600

FISH TISSUE DATA, JUNE 1995 TO SEPTEMBER 1996

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
AUG 1995										
22...	52.0	<5.00	<10.0	<11.0	<5.00	<5.00	<5.00	<6.00	<5.00	79.0
22...	52.0	<5.00	<12.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	68.0

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
AUG 1995										
22...	E850	16.0	5000	56.0	87.0	19.0	<220	<13.0	<5.00	<5.00
22...	E680	19.0	E5100	53.0	520	16.0	<200	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
AUG 1995									
22...	4.30	<12.0	<9.00	5.10	<5.00	<20.0	1400	<5.00	<5.00
22...	4.10	<15.0	<12.0	6.70	<5.00	<26.0	870	<5.00	<5.00

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS
(National Water-Quality Assessment station)

LOCATION.--Lat 32°26'40", long 90°54'00", in SW 1/4 SE 1/4 SE 1/4 sec. 16, T.17 N., R.3 E., Washington Meridian, Issaquena County, Hydrologic Unit 08030208, on right bank at downstream abandoned Eagle Lake Ferries site, 1.5 mi downstream from Steele Bayou, 3.0 mi northwest of Long Lake, and at mile 8.2.

DRAINAGE AREA.--13,355 mi^2, approximately, U.S. Army Corps of Engineers.

PERIOD OF RECORD.--Water years 1995 to current year.

REMARKS.--Site affected by backwater from the Mississippi River. Little Sunflower River Drainage Structure WY96 closure dates: Oct. 1-Dec. 21, Dec. 28-Arp. 22, May 2-28, Jul. 8-Sep. 30 (furnished by U.S. Army Corps of Engineers). Steele Bayou Drainage Structure WY96 closure dates: Feb. 6-8, Mar. 7-10, Mar. 12-18, May 5-Jun. 25 (furnished by U.S. Army Corps of Engineers). In water years 1961-62 and 1972-93, data were collected 8.5 mi upstream (station 07288800).

WATER QUALITY DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	TIME	DEPTH AT SAMPLE LOC-ATION, TOTAL (FEET) (81903)	SAMPLE LOC-ATION, CROSS SECTION (FT FM R BK) (72103)	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)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
AUG 1995										
23...	1400	--	--	--	146	7.1	32.5	5.0	--	--
FEB 1996										
14...	1115	--	--	24600	95	6.4	8.5	--	239	98
26...	1100	--	--	8350	147	6.8	14.0	8.9	153	99
MAR										
20...	1245	--	--	12800	141	7.1	13.0	9.3	99	99
APR										
01...	1130	--	--	17000	83	6.7	14.0	7.7	384	99
19...	1230	--	--	16700	110	6.2	18.0	7.2	837	99
MAY										
06...	1130	--	--	4770	88	6.3	23.5	5.4	226	98
20...	1010	--	--	--	143	6.8	26.0	4.4	71	95
JUN										
04...	1322	1.00	50.0	--	175	6.5	26.5	2.2	--	--
04...	1323	50.0	50.0	--	248	6.9	25.5	3.1	--	--
04...	1324	1.00	100.0	--	176	6.7	27.0	2.4	--	--
04...	1325	60.0	100.0	--	224	6.8	25.5	2.5	--	--
04...	1326	1.00	150.0	--	177	6.7	27.5	2.1	--	--
04...	1327	60.0	150.0	--	206	6.7	25.5	2.2	--	--
04...	1328	1.00	200.0	--	176	6.7	25.5	2.2	--	--
04...	1329	50.0	200.0	--	220	6.7	25.5	2.2	--	--
04...	1330	--	--	--	200	6.8	26.0	2.2	74	88
04...	1331	1.00	250.0	--	177	6.7	25.5	2.2	--	--
04...	1332	40.0	250.0	--	221	6.7	26.0	2.3	--	--
04...	1333	1.00	300.0	--	178	6.8	26.0	2.3	--	--
04...	1334	30.0	300.0	--	228	6.8	25.0	2.3	--	--
17...	1130	--	--	--	120	6.4	29.5	3.5	105	94
20...	1600	--	--	--	111	6.5	29.0	3.3	--	--
JUL										
01...	1200	--	--	24400	160	7.0	29.0	1.0	57	95
16...	1200	--	--	7640	227	6.5	30.5	4.2	117	98
18...	1700	--	--	--	254	7.1	31.0	4.3	--	--
30...	1100	--	--	10100	325	7.2	28.0	3.3	350	98
30...	1130	0.50	30.0	--	363	7.0	28.5	2.9	--	--
30...	1135	10.0	30.0	--	315	7.1	27.5	2.3	--	--
30...	1137	0.50	50.0	--	379	7.2	29.0	3.5	--	--
30...	1139	25.0	50.0	--	270	7.1	27.0	2.0	--	--
30...	1140	0.50	70.0	--	377	7.2	29.0	3.3	--	--
30...	1141	35.0	70.0	--	261	7.2	26.5	1.9	--	--
30...	1142	0.50	90.0	--	373	7.2	29.0	3.2	--	--
30...	1143	35.0	90.0	--	255	1.7	26.5	1.7	--	--
30...	1144	0.50	110.0	--	382	7.2	29.0	3.5	--	--
30...	1145	35.5	110.0	--	265	7.2	26.5	0.2	--	--
30...	1146	0.50	130.0	--	380	7.3	29.0	3.1	--	--
30...	1147	35.0	130.0	--	265	7.2	26.5	0.4	--	--
30...	1150	0.50	150.0	--	380	7.3	29.0	3.3	--	--
30...	1152	35.5	150.0	--	249	7.3	26.5	1.6	--	--
30...	1155	0.50	170.0	--	379	7.3	29.0	3.7	--	--
30...	1157	35.5	170.0	--	248	7.3	26.5	1.7	--	--
30...	1200	0.50	190.0	--	379	7.3	29.0	3.8	--	--
30...	1210	25.0	190.0	--	297	7.3	27.5	2.3	--	--
30...	1212	0.50	210.0	--	373	7.3	29.0	3.5	--	--
30...	1215	15.0	210.0	--	362	7.3	29.0	3.0	--	--
31...	1015	--	--	--	255	7.0	28.0	3.1	--	--
AUG										
12...	1045	--	--	9410	172	7.1	30.0	--	90	97
30...	1100	--	--	8390	210	7.1	28.5	5.5	145	96
30...	1109	1.00	100.0	--	199	7.2	28.5	5.6	--	--
30...	1110	18.0	100.0	--	201	7.1	28.5	5.5	--	--
30...	1111	1.00	300.0	--	201	7.1	28.5	5.7	--	--
30...	1112	30.0	300.0	--	224	7.1	28.5	5.4	--	--
30...	1113	1.00	300.0	--	225	7.2	28.5	5.8	--	--
30...	1114	15.0	300.0	--	229	7.2	28.5	5.4	--	--
SEP										
04...	1155	--	--	--	153	5.7	27.0	6.7	--	--
04...	1720	--	--	7680	164	6.8	27.5	6.6	184	96
17...	1145	--	--	10500	--	7.0	27.5	6.1	248	99
17...	1210	0.50	150.0	--	138	--	27.5	6.2	--	--
17...	1213	0.50	50.0	--	167	7.0	27.0	6.1	--	--

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	TIME	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	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 CACO3 (39086)
FEB 1996									
14...	1115	470	140	7.5	2.7	5.8	2.7	30	24
26...	1100	K52	K25	12	4.1	7.8	2.9	52	43
MAR									
20...	1245	--	--	10	3.6	8.2	2.4	46	37
APR									
01...	1130	63	97	7.1	2.4	5.2	2.6	31	25
19...	1230	--	--	9.1	3.0	5.6	3.4	40	33
MAY									
06...	1130	--	--	11	3.7	6.2	3.0	43	35
20...	1010	--	--	29	8.4	11	3.3	89	73
JUN									
04...	1330	--	--	16	5.4	9.7	3.2	78	64
17...	1130	--	--	11	3.6	6.3	3.3	48	39
JUL									
01...	1200	--	--	15	4.7	8.1	4.3	69	57
16...	1200	--	--	23	8.3	12	3.5	122	100
30...	1100	--	--	30	9.9	18	3.8	142	117
AUG									
12...	1045	--	--	15	5.2	8.6	3.2	79	65
30...	1100	--	--	18	6.2	11	3.0	104	86
SEP									
04...	1720	--	--	15	5.1	8.6	3.0	71	58
17...	1145	--	--	15	4.8	7.9	2.6	67	55

DATE	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)	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)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 1996									
14...	8.9	5.2	<0.10	7.8	66	0.020	0.460	0.090	1.5
26...	10	6.3	<0.10	8.9	97	0.020	0.480	0.110	1.5
MAR									
20...	10	6.8	0.10	8.5	83	0.020	0.580	0.100	0.70
APR									
01...	7.1	4.0	<0.10	6.2	67	0.020	0.740	0.110	1.5
19...	7.0	4.8	0.30	6.6	71	--	1.20	--	--
MAY									
06...	12	5.9	0.10	6.4	88	<0.010	0.800	0.020	1.1
20...	31	11	0.20	6.6	169	0.020	1.10	0.020	0.50
JUN									
04...	11	8.3	0.10	7.7	135	<0.010	0.520	0.060	0.70
17...	7.1	4.6	0.20	8.5	71	<0.010	0.760	0.100	0.60
JUL									
01...	8.2	6.0	0.20	8.0	110	0.010	0.310	0.050	1.2
16...	12	6.6	0.20	10	143	0.030	0.430	0.140	0.90
30...	18	14	0.20	9.2	174	0.100	0.680	0.050	0.80
AUG									
12...	9.2	5.8	0.10	7.7	107	0.020	0.630	0.030	1.1
30...	12	8.9	0.10	7.8	125	0.020	0.190	0.050	0.50
SEP									
04...	10	6.1	0.10	7.4	96	0.010	0.310	0.020	0.60
17...	11	6.4	0.20	6.0	97	0.010	0.160	0.030	0.60

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

WATER QUALITY DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)
FEB 1996								
14...	0.90	0.320	0.020	0.030	21	9.0	6.4	1.0
26...	0.90	0.290	0.070	0.030	31	30	5.9	0.80
MAR								
20...	0.40	0.190	0.040	0.040	38	10	5.5	2.2
APR								
01...	0.70	0.430	0.060	0.040	65	7.0	5.4	5.5
19...	--	--	--	--	81	12	6.3	2.5
MAY								
06...	0.50	0.390	0.050	0.050	60	10	6.2	4.2
20...	0.30	0.160	0.080	0.060	12	21	5.2	1.2
JUN								
04...	0.40	0.200	0.070	0.060	20	33	4.6	0.90
17...	0.30	0.250	0.110	0.050	430	28	5.7	1.5
JUL								
01...	1.1	0.180	0.100	0.100	79	140	9.8	1.4
16...	0.40	0.220	0.040	0.050	10	300	4.8	1.8
30...	0.40	0.160	0.080	0.090	74	7.0	5.1	3.0
AUG								
12...	0.90	0.140	0.040	0.060	10	15	4.1	1.4
30...	0.60	0.170	0.180	0.060	5.0	74	4.8	5.0
SEP								
04...	0.20	0.200	0.030	0.040	24	47	4.3	--
17...	0.30	0.210	0.030	0.040	10	9.0	4.9	1.5

PESTICIDE ANALYSES, AUGUST 1995 TO SEPTEMBER 1996

DATE	ACETOCHLOR, WATER FLTRD REC (UG/L) (49260)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROPCHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)
FEB 1996												
14...	<0.002	<0.002	0.031	<0.003	<0.003	0.008	0.012	<0.016	<0.016	<0.021	<0.002	<0.008
26...	<0.002	<0.002	0.040	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
MAR												
20...	<0.002	0.035	0.100	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
APR												
01...	0.430	0.110	1.40	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
19...	0.320	0.098	5.80	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
MAY												
06...	0.130	0.300	3.60	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
20...	0.160	0.073	1.30	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
JUN												
04...	0.055	0.210	2.50	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
17...	0.024	0.071	3.20	<0.003	<0.003	<0.007	<0.004	<0.016	--	--	<0.002	<0.008
JUL												
01...	0.023	0.022	3.40	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
16...	<0.002	0.011	0.590	<0.003	<0.003	<0.007	<0.004	--	--	--	<0.002	--
30...	<0.002	<0.002	0.490	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
AUG												
12...	<0.002	0.017	0.390	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
30...	<0.002	0.018	0.267	<0.003	<0.003	<0.007	<0.004	--	--	--	<0.002	--
SEP												
04...	<0.002	0.019	0.282	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008
17...	<0.002	0.012	0.236	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002	<0.008

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

PESTICIDE ANALYSES, AUGUST 1995 TO SEPTEMBER 1996

DATE	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)
FEB 1996												
14...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.029	<0.018	<0.004	<0.035	<0.035
26...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.005	<0.018	<0.004	<0.035	<0.035
MAR												
20...	<0.003	<0.028	<0.003	<0.010	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004	<0.035	<0.035
APR												
01...	<0.003	<0.028	E0.009	<0.014	<0.002	<0.026	<0.017	0.017	<0.018	<0.004	<0.035	<0.035
19...	<0.003	<0.028	E0.019	<0.014	<0.002	<0.026	<0.017	E0.004	<0.018	<0.004	<0.035	<0.035
MAY												
06...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004	<0.035	<0.035
20...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004	<0.035	<0.035
JUN												
04...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.014	<0.018	<0.004	<0.035	<0.035
17...	<0.003	<0.028	E0.052	<0.014	<0.002	<0.026	--	0.500	--	<0.004	<0.035	<0.035
JUL												
01...	<0.003	<0.028	E0.150	<0.014	<0.002	<0.026	<0.017	1.90	<0.018	<0.004	<0.035	<0.035
16...	<0.003	--	<0.003	--	<0.002	--	--	2.00	--	<0.004	--	--
30...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	3.30	<0.018	<0.004	<0.035	<0.035
AUG												
12...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	0.230	<0.018	<0.004	<0.035	<0.035
30...	<0.003	--	<0.003	--	<0.002	--	--	0.065	--	<0.004	--	--
SEP												
04...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004	<0.035	<0.035
17...	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	--	<0.004	<0.018	<0.004	<0.035	<0.035

DATE	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DISSOLVED (UG/L) (39732)	2,4-D, TOTAL (UG/L) (39730)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2, 4-DP TOTAL (UG/L) (82183)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DISSOLVED (UG/L) (39762)	SILVEX, TOTAL (UG/L) (39760)	2,4,5-T DISSOLVED (UG/L) (39742)
FEB 1996												
14...	0.019	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
26...	<0.002	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
MAR												
20...	<0.002	<0.001	0.080	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
APR												
01...	0.004	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
19...	0.007	<0.001	0.220	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
MAY												
06...	<0.002	<0.001	<0.035	<0.010	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
20...	<0.002	<0.001	<0.035	0.050	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
JUN												
04...	<0.002	<0.001	<0.035	0.130	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
17...	0.051	<0.001	<0.035	0.050	<0.032	<0.010	<0.035	<0.050	<0.035	<0.021	<0.010	<0.035
JUL												
01...	0.074	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
16...	0.018	<0.001	--	--	--	--	--	--	--	--	--	--
30...	0.020	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
AUG												
12...	<0.002	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
30...	<0.002	<0.001	--	--	--	--	--	--	--	--	--	--
SEP												
04...	<0.002	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035
17...	<0.002	<0.001	<0.035	--	<0.032	--	<0.035	<0.050	<0.035	<0.021	--	<0.035

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

PESTICIDE ANALYSES, AUGUST 1995 TO SEPTEMBER 1996

DATE	2,4,5-T TOTAL (UG/L) (39740)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT, FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT, FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
FEB 1996												
14...	--	<0.050	<0.002	<0.004	<0.019	<0.004	0.007	<0.002	<0.035	E0.001	<0.017	<0.006
26...	--	<0.050	<0.002	<0.004	<0.019	<0.004	0.006	<0.002	<0.035	E0.002	<0.017	E0.001
MAR												
20...	--	<0.050	<0.002	<0.004	<0.019	<0.004	0.007	<0.002	<0.035	E0.002	<0.017	<0.006
APR												
01...	--	<0.050	<0.002	<0.004	<0.019	<0.020	0.019	<0.002	<0.035	E0.003	<0.017	<0.006
19...	--	<0.050	<0.002	<0.004	<0.019	0.080	0.075	<0.002	<0.035	<0.002	<0.017	E0.002
MAY												
06...	<0.010	<0.050	<0.002	<0.004	<0.019	<0.004	E0.018	<0.002	<0.035	<0.002	<0.017	<0.006
20...	<0.010	<0.050	<0.002	<0.004	<0.019	<0.004	E0.006	<0.002	<0.035	<0.002	<0.017	<0.006
JUN												
04...	0.110	<0.050	<0.002	<0.004	<0.019	<0.004	0.007	<0.002	<0.035	<0.002	<0.017	<0.006
17...	<0.010	<0.050	<0.002	<0.004	<0.019	0.049	0.019	<0.002	<0.035	<0.002	<0.017	<0.006
JUL												
01...	--	<0.050	<0.002	<0.004	<0.019	0.037	0.028	<0.002	<0.035	<0.002	<0.017	<0.006
16...	--	--	<0.002	<0.004	--	<0.004	<0.002	<0.002	--	<0.002	--	<0.006
30...	--	0.300	<0.002	<0.004	<0.019	<0.004	0.006	<0.002	<0.035	<0.002	<0.017	<0.006
AUG												
12...	--	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
30...	--	--	<0.002	<0.004	--	<0.004	<0.002	<0.002	--	<0.002	--	<0.006
SEP												
04...	--	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006
17...	--	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PARA-THION, DIS-SOLVED (UG/L) (39542)
FEB 1996												
14...	<0.020	0.015	<0.004	<0.001	0.012	0.025	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
26...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
MAR												
20...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
APR												
01...	<0.020	<0.001	<0.004	<0.001	0.006	0.006	<0.017	<0.003	<0.003	0.008	<0.006	<0.004
19...	<0.020	<0.001	<0.004	<0.001	0.035	0.005	<0.017	<0.003	<0.003	0.010	0.024	<0.004
MAY												
06...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
20...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
JUN												
04...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
17...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.081	<0.004
JUL												
01...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
16...	--	<0.001	<0.004	<0.001	0.016	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
30...	<0.020	<0.001	<0.004	<0.001	<0.040	<0.002	<0.017	<0.003	<0.003	<0.005	0.110	<0.004
AUG												
12...	<0.020	<0.001	<0.004	E0.038	<0.004	<0.002	<0.017	<0.003	<0.003	0.015	0.078	<0.004
30...	--	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	0.018	<0.004
SEP												
04...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004
17...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006	<0.004

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

PESTICIDE ANALYSES, AUGUST 1995 TO SEPTEMBER 1996

DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)
FEB 1996												
14...	<0.002	<0.013	<0.005	0.031	E0.005	0.027	0.010	<0.018	0.029	<0.035	<0.007	<0.013
26...	<0.002	<0.013	<0.005	0.029	E0.003	0.042	<0.004	E0.009	0.026	<0.035	<0.007	<0.013
MAR												
20...	<0.002	<0.013	<0.005	0.150	E0.003	0.022	<0.004	E0.005	0.063	<0.035	<0.007	<0.013
APR												
01...	<0.002	<0.013	<0.005	2.80	E0.028	0.150	0.072	E0.014	0.140	<0.035	<0.007	<0.013
19...	<0.002	<0.013	<0.005	6.10	E0.110	0.340	0.440	E0.012	0.160	<0.035	<0.007	<0.013
MAY												
06...	<0.002	<0.013	<0.005	4.90	E0.087	0.093	0.210	<0.018	0.077	<0.035	<0.007	<0.013
20...	<0.002	<0.013	<0.005	3.10	E0.071	0.500	0.055	<0.018	0.160	<0.035	<0.007	<0.013
JUN												
04...	<0.002	<0.013	<0.005	2.80	E0.130	0.120	0.170	E0.007	0.081	<0.035	<0.007	<0.013
17...	<0.002	<0.013	<0.005	2.90	E0.130	0.290	0.300	E0.011	0.059	<0.035	<0.007	<0.013
JUL												
01...	<0.002	<0.013	<0.005	2.50	E0.086	0.670	0.300	E0.014	0.048	<0.035	<0.007	<0.013
16...	<0.002	<0.013	<0.005	0.800	E0.052	0.590	0.043	E0.008	0.025	--	<0.007	--
30...	<0.002	<0.013	<0.005	0.250	E0.022	1.30	0.058	E0.007	0.012	<0.035	<0.007	<0.013
AUG												
12...	<0.002	<0.013	<0.005	0.460	E0.031	0.640	0.036	<0.018	0.020	<0.035	<0.007	<0.013
30...	<0.002	<0.013	<0.005	0.514	E0.025	0.164	<0.004	<0.018	0.022	--	<0.007	--
SEP												
04...	<0.002	<0.013	<0.005	0.544	E0.031	0.154	<0.004	<0.018	0.022	<0.035	<0.007	<0.013
17...	<0.002	<0.013	<0.005	0.573	E0.032	0.072	<0.004	<0.018	0.024	<0.035	<0.007	<0.013

DATE	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)
FEB 1996											
14...	0.150	<0.035	<0.018	<0.002	<0.015	E0.011	<0.035	<0.014	<0.035	<0.011	<0.050
26...	0.060	0.090	<0.018	<0.002	<0.015	E0.009	<0.035	<0.014	<0.035	<0.011	<0.050
MAR											
20...	0.060	0.040	<0.026	<0.002	<0.015	0.014	<0.035	<0.014	<0.035	<0.011	<0.050
APR											
01...	0.100	0.080	<0.018	<0.002	<0.015	0.048	<0.035	<0.014	<0.035	<0.011	<0.050
19...	0.150	0.900	<0.018	<0.002	<0.015	0.014	<0.035	<0.014	<0.035	<0.011	<0.050
MAY											
06...	0.060	0.200	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035	<0.011	<0.050
20...	<0.020	0.100	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035	<0.011	<0.050
JUN											
04...	<0.020	E0.840	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035	<0.011	<0.050
17...	<0.020	E0.800	<0.018	0.010	<0.015	0.012	<0.035	0.160	<0.035	<0.011	<0.050
JUL											
01...	<0.020	1.30	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035	<0.011	<0.050
16...	--	--	--	<0.002	--	<0.010	--	--	--	--	--
30...	0.600	E0.440	<0.040	0.057	<0.015	<0.010	0.460	0.810	<0.035	<0.011	<0.050
AUG											
12...	0.370	0.420	<0.018	0.030	<0.015	<0.020	<0.035	0.190	<0.035	<0.011	<0.050
30...	--	--	--	<0.002	--	0.019	--	--	--	--	--
SEP											
04...	0.100	0.230	<0.018	<0.002	<0.015	0.027	<0.035	0.060	<0.035	<0.011	<0.050
17...	0.070	0.140	<0.018	<0.002	<0.015	0.029	<0.035	0.060	<0.035	<0.011	<0.050

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

PESTICIDE ANALYSES, AUGUST 1995 TO SEPTEMBER 1996

DATE	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	DICAMBA TOTAL (UG/L) (82052)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PIC-LORAM UNFILT RECOVER (UG/L) (39720)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
FEB 1996											
14...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
26...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
MAR											
20...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
APR											
01...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	0.140	<0.050	--	<0.013
19...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	0.680	<0.050	--	<0.013
MAY											
06...	<0.035	<0.010	<0.003	<0.035	<0.035	<0.019	<0.007	0.490	<0.050	<0.010	<0.013
20...	<0.035	<0.010	<0.003	<0.035	<0.035	<0.019	<0.007	E0.130	<0.050	<0.010	<0.013
JUN											
04...	<0.035	0.040	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.010	<0.013
17...	<0.035	0.020	<0.003	<0.035	<0.035	<0.019	<0.007	0.150	<0.050	0.020	<0.013
JUL											
01...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	E0.530	<0.050	--	<0.013
16...	--	--	<0.003	--	--	--	--	--	--	--	<0.013
30...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	0.190	<0.050	--	<0.013
AUG											
12...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
30...	--	--	<0.003	--	--	--	--	--	--	--	<0.013
SEP											
04...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013
17...	<0.035	--	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	--	<0.013

BED SEDIMENT DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
AUG 1995												
23...	0.92	0.84	0.68	1.7	<0.05	0.10	6.7	0.8	12	660	2	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
AUG 1995												
23...	0.3	73	65	13	18	<2	18	<8	<4	3.2	40	16

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 1995												
23...	30	1100	0.03	<2	34	30	13	10	0.5	0.2	130	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
AUG 1995												
23...	11	<10	0.350	4.2	100	2	24	91	0.18	9.90	1.16	1.10

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

BED SEDIMENT DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
AUG 1995												
23...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	1.40	16.0	<1.00

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
AUG 1995												
23...	27.0	<2.00	4.80	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL- SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
AUG 1995												
23...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	E26	E18	<50	E13	E12

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL- SED, BM WS,<2MM DW, REC (UG/KG) (49427)
AUG 1995												
23...	<50	E39	<50	54	E24	<50	E40	<50	<50	E67	<50	E43

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO- SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49441)
AUG 1995												
23...	<50	<50	<50	<50	<50	E18	70	<50	E19	E49	<50	<50

DATE	BENZENE P-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL- SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
AUG 1995												
23...	<50	E26	<50	E18	E32	<50	E6.0	<50	<50	<50	<50.0	E27

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL- SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49444)
AUG 1995												
23...	E24	<50.0	<50	<50	E19	<50	<50	E14	<50	E17	E11	<50

07288955 YAZOO RIVER BELOW STEELE BAYOU NEAR LONG LAKE, MS--Continued

BED SEDIMENT DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
AUG 1995											
23...	<50	<50	<50	<50	E9.0	<50	E11	E24	<50	<50	<50

FISH LIVER DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	ALUMI-NUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTI-MONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYL-LIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROM-IUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
AUG 1995											
23...	15	<0.1	0.7	0.3	<0.1	0.7	4.5	<0.5	0.2	71	270
23...	250	<0.2	0.6	1.3	<0.2	0.7	3.0	0.7	0.4	67	1700

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGAN-ESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYB-DENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELEN-IUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRON-TIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANA-DIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
AUG 1995											
23...	0.1	6.9	0.2	1.0	0.2	3.8	0.2	0.4	<0.1	0.9	470
23...	0.2	6.1	4.2	0.7	0.6	8.1	0.2	0.7	<0.2	2.5	120

FISH TISSUE DATA, AUGUST 1995 TO SEPTEMBER 1996

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
AUG 1995										
23...	250	<5.00	<5.00	<5.00	<5.00	8.00	<5.00	7.30	<5.00	140
SEP										
28...	200	<5.00	<5.00	<5.00	<5.00	14.0	<5.00	9.90	<5.00	48.0

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
AUG 1995										
23...	E1700	<5.00	2700	<5.00	E390	32.0	<5.00	<5.00	<5.00	<5.00
SEP										
28...	550	18.0	1600	<10.0	E42.0	32.0	<5.40	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
AUG 1995									
23...	12.8	<5.00	<5.00	6.30	<5.00	8.60	4700	<5.00	<5.30
SEP									
28...	14.5	<13.0	<10.0	<5.00	11.0	15.0	1600	<5.00	11.0

07289000 MISSISSIPPI RIVER AT VICKSBURG, MS

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 mi^2, approximately. The 4,000 mi^2, approximately, in the Great Divide basin in Southern Wyoming is not included.

PERIOD OF RECORD.--Discharge: January 1928 to current year. Prior to July 1931, monthly discharge only, published in WSP 1311.

Gage heights: April 1930 to current year 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 sea level (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 1996 Water Year will be published in a subsequent report.

07289350 BIG BLACK RIVER AT WEST, MS

LOCATION.--Lat 33°11'39", long 89°46'15", in NW1/4 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 mi^2.

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 sea level (levels by U. S. Army Corps of Engineers). Prior to June 10, 1948, nonrecording gage, and June 10, 1948, to Nov. 2, 1967, recorder at site about 2,000 ft downstream at same datum.

REMARKS.--Estimated daily discharges: Feb. 4, Mar. 5-11, 13-19. Records good except for estimated daily discharges, which are poor. 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 ft^3/s, at site about 2,000 ft downstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 23	2330	*20,600	*21.17				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74	92	224	425	4460	652	1910	1010	193	91	156	306
2	73	110	225	1380	3810	599	1390	792	1830	79	154	362
3	122	242	204	2250	4130	516	1080	583	1270	70	131	484
4	255	230	295	2060	e3700	460	804	464	714	64	128	535
5	275	227	296	1990	3290	e398	639	391	596	57	128	449
6	219	193	213	2230	2810	e600	559	330	361	54	260	309
7	162	216	190	2860	2580	e910	521	293	241	51	193	214
8	129	404	181	2970	2180	e1300	486	261	184	50	201	168
9	111	334	1380	2690	1990	e2100	450	230	154	49	218	157
10	95	302	1710	3030	2070	e1700	407	211	144	94	282	151
11	85	411	1470	3120	2220	e1000	368	195	168	127	184	132
12	79	781	1470	2830	2200	689	337	206	147	100	135	159
13	73	700	1010	2360	1690	e586	600	195	128	77	129	138
14	72	547	581	2040	1080	e620	1040	176	142	67	131	111
15	105	349	421	2110	817	e650	2210	159	306	109	121	94
16	101	239	761	1950	698	e690	2910	142	304	208	114	146
17	89	187	1340	1270	615	e880	2610	130	209	290	100	598
18	83	159	2520	951	553	e1290	2300	119	155	231	89	863
19	70	140	4220	1260	533	e1790	1920	110	125	188	144	988
20	55	128	6580	1250	691	1930	1210	104	106	133	93	609
21	50	120	7210	1290	885	1850	2300	95	100	99	79	323
22	47	116	7750	1160	963	2170	4580	91	95	81	76	264
23	45	121	5830	950	845	2410	12000	87	361	72	75	202
24	44	477	3890	1640	707	1940	18100	83	232	70	74	162
25	42	523	2280	1960	613	1960	13800	83	119	274	74	145
26	42	458	864	2160	540	2840	11000	83	114	253	74	125
27	43	332	593	4790	494	2860	7700	82	433	217	74	242
28	79	246	495	7880	486	3380	4610	1070	181	250	95	358
29	122	223	434	7360	591	4830	2840	1270	139	219	202	312
30	124	238	390	8950	---	3940	1560	329	113	195	236	268
31	116	---	371	6900	---	2780	---	199	---	171	235	---
TOTAL	3081	8845	55398	86066	48241	50320	102241	9573	9364	4090	4385	9374
MEAN	99.4	295	1787	2776	1663	1623	3408	309	312	132	141	312
MAX	275	781	7750	8950	4460	4830	18100	1270	1830	290	282	988
MIN	42	92	181	425	486	398	337	82	95	49	74	94
CFSM	.10	.29	1.74	2.70	1.62	1.58	3.32	.30	.30	.13	.14	.30
IN.	.11	.32	2.01	3.12	1.75	1.82	3.70	.35	.34	.15	.16	.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1996, BY WATER YEAR (WY)

MEAN	372	902	2245	3156	2810	3306	3017	1805	789	432	215	251
MAX	2890	5739	11820	7339	6199	8406	8664	9714	5186	3284	1005	2054
(WY)	1985	1980	1983	1974	1983	1980	1991	1983	1989	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	1982	1986	1986	1985	1986	1988	1988	1988	1987	1987

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1971 - 1996	
ANNUAL TOTAL	585029		390978			
ANNUAL MEAN	1603		1068		1604	
HIGHEST ANNUAL MEAN					3821	1983
LOWEST ANNUAL MEAN					423	1986
HIGHEST DAILY MEAN	39400	Apr 24	18100	Apr 24	62400	May 21 1983
LOWEST DAILY MEAN	42	Oct 25	42	Oct 25	14	Oct 6 1987
ANNUAL SEVEN-DAY MINIMUM	45	Oct 21	45	Oct 21	14	Oct 8 1987
INSTANTANEOUS PEAK FLOW			20600	Apr 23	71200	May 21 1983
INSTANTANEOUS PEAK STAGE			21.17	Apr 23	26.08	May 21 1983
INSTANTANEOUS LOW FLOW			41	Oct 25, 26	13	Oct 14 1987
ANNUAL RUNOFF (CFSM)	1.56		1.04		1.56	
ANNUAL RUNOFF (INCHES)	21.19		14.16		21.22	
10 PERCENT EXCEEDS	3900		2790		4000	
50 PERCENT EXCEEDS	349		307		393	
90 PERCENT EXCEEDS	73		83		67	

e Estimated

07290000 BIG BLACK RIVER NEAR BOVINA, MS

LOCATION.--Lat 32°20'51", long 90°41'48", in NW1/4 SE1/4 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 mi^2(includes that of Clear Creek).

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 sea level (levels by U. S. Army Corps of Engineers). Prior to Oct. 23, 1941, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records good. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Jan. 28	0200	13,000	28.68	Apr. 23	1700	*13,500	*29.14
Feb. 3	0400	13,100	28.78				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	449	531	1520	1360	12300	1250	9410	10500	3860	486	1910	910
2	412	604	1600	1390	12400	1190	8540	10400	3970	548	1640	949
3	1310	658	1440	1480	13100	1160	8170	10500	2960	534	1340	793
4	1680	690	1250	1830	12600	1170	6020	10600	4080	480	1030	679
5	880	1130	1130	2320	12100	1200	3510	9800	5060	437	922	615
6	1010	1120	1560	3980	11600	1170	2450	4710	5390	408	1160	595
7	1140	980	2160	8110	11200	1300	2030	1990	4180	384	1420	668
8	876	1430	1890	8430	10900	1380	1770	1560	2310	362	1040	797
9	672	716	1900	8170	10400	2220	1580	1360	1620	664	1280	827
10	592	702	1990	7670	8580	3040	1460	1220	1310	994	1220	767
11	539	1070	2530	7160	5340	2620	1360	1140	1100	402	1300	673
12	490	1250	3030	6310	3750	2200	1270	1230	968	500	972	603
13	449	1540	2910	5520	3300	2000	1720	1110	868	412	777	567
14	419	1820	2520	5580	3160	1800	2380	1050	1200	402	719	555
15	403	1730	2330	5670	3050	1540	5540	978	1300	578	716	561
16	379	1460	2180	5120	2750	1350	7640	871	1650	1920	739	554
17	362	1290	1930	3840	2270	1250	7840	781	1410	1480	658	512
18	357	1170	4840	3150	1910	1160	7490	719	1030	967	651	497
19	356	1030	11600	3120	1700	1220	6740	685	869	705	637	535
20	359	911	11300	3120	1610	1410	5310	639	820	485	579	467
21	354	817	10700	3450	1570	2020	3980	601	766	518	594	458
22	348	745	10200	3230	1620	2620	4500	566	701	532	566	747
23	342	709	9850	2620	1680	2670	12100	540	630	486	538	1040
24	338	694	9670	3520	1710	2470	12700	521	595	437	502	1020
25	329	676	9690	5370	1720	4590	11800	566	660	454	474	856
26	325	663	9520	7310	1690	7640	11700	484	598	382	446	720
27	330	668	8410	12600	1560	7660	11700	446	551	363	429	640
28	475	765	6350	13000	1430	7910	11000	517	584	371	405	599
29	462	1340	3780	12700	1330	7460	10500	1590	570	4620	453	544
30	782	1520	2080	12400	---	6600	10700	1940	518	4540	670	515
31	533	---	1550	12300	---	9180	---	2460	---	2380	721	---
TOTAL	17752	30429	143410	181830	158330	92450	192910	82074	52128	28231	26508	20263
MEAN	573	1014	4626	5865	5460	2982	6430	2648	1738	911	855	675
MAX	1680	1820	11600	13000	13100	9180	12700	10600	5390	4620	1910	1040
MIN	325	531	1130	1360	1330	1160	1270	446	518	362	405	458
CFSM	.20	.36	1.65	2.09	1.94	1.06	2.29	.94	.62	.32	.30	.24
IN.	.23	.40	1.90	2.41	2.09	1.22	2.55	1.09	.69	.37	.35	.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 1996, BY WATER YEAR (WY)

MEAN	725	1544	4150	6667	7574	7904	7414	4837	1701	1424	876	555
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1936 - 1996	
ANNUAL TOTAL	1449710		1026315			
ANNUAL MEAN	3972		2804		3787	
HIGHEST ANNUAL MEAN					10950	1983
LOWEST ANNUAL MEAN					792	1963
HIGHEST DAILY MEAN	40900	Apr 29	13100	Feb 3	90600	May 24 1983
LOWEST DAILY MEAN	185	Sep 16	325	Oct 26	67	Oct 1 1954
ANNUAL SEVEN-DAY MINIMUM	189	Sep 13	338	Oct 21	67	Sep 30 1954
INSTANTANEOUS PEAK FLOW			13500	Apr 23	92300	May 24 1983
INSTANTANEOUS PEAK STAGE			29.14	Apr 23	40.77	May 21 1983
INSTANTANEOUS LOW FLOW			320	Oct 26,27	65	Oct 2 1954
ANNUAL RUNOFF (CFSM)	1.41		1.00		1.35	
ANNUAL RUNOFF (INCHES)	19.18		13.58		18.30	
10 PERCENT EXCEEDS	11100		9250		10500	
50 PERCENT EXCEEDS	1440		1300		1120	
90 PERCENT EXCEEDS	330		465		194	

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 mi^2.

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 sea level. Sept. 9, 1958, to May 31, 1961, crest-stage gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct. 1-2, 8-30, Nov. 1, 20-28, Dec. 30-31, Jan. 1, 23, 29-31, Feb. 1, 4-19, 22-29, Mar. 1-5, 9-18, 20-24, 28-30, Apr. 1-8, May 19-28, Jun. 1, 7-13, 15-18, Jul. 3-15, 19-29. Records good 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	1730	*19,700	*21.63	Jan. 27	0230	17,200	20.05

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e65	e110	162	e370	e500	e255	e1600	503	e210	170	360	214
2	e62	259	115	1350	6760	e225	e1000	449	1140	160	393	129
3	1450	1360	95	2130	3030	e200	e700	404	1060	e150	332	95
4	724	515	86	1020	e1600	e180	e540	379	528	e140	173	76
5	299	249	98	641	e1050	e165	e460	354	293	e150	118	64
6	192	188	103	783	e770	1330	e700	323	216	e150	150	57
7	130	808	128	1110	e650	8980	e620	301	e175	e140	154	58
8	e97	1020	243	696	e560	4200	e560	282	e150	e130	175	57
9	e86	402	1420	533	e500	e1850	476	266	e130	e122	145	50
10	e77	293	1030	462	e450	e1200	424	247	e115	e116	134	118
11	e70	1090	478	431	e410	e840	393	291	e105	e110	92	93
12	e64	1300	274	472	e380	e600	378	348	e95	e100	83	60
13	e59	572	196	514	e350	e460	3580	281	e85	e90	92	48
14	e56	340	183	455	e325	e380	2540	250	7750	e82	76	49
15	e54	237	205	383	e305	e325	5630	225	e2100	e300	67	55
16	e52	189	336	348	e285	e290	2610	207	e1100	446	59	46
17	e66	162	1410	327	e270	e260	1310	194	e600	327	67	49
18	e90	149	15600	335	e255	e350	892	189	e350	206	63	49
19	e80	141	12200	441	e260	2900	738	e180	303	e155	55	41
20	e72	e130	4110	468	420	e1000	650	e170	313	e130	54	44
21	e67	e115	1610	380	606	e550	568	e160	286	e115	52	197
22	e64	e96	914	337	e500	e400	529	e155	230	e100	57	439
23	e62	e90	705	e315	e390	e300	6030	e145	267	e95	47	146
24	e60	e84	580	2610	e315	e250	2850	e140	684	e130	51	103
25	e58	e78	499	1750	e270	6850	1360	e135	1270	e115	43	75
26	e74	e75	448	7430	e245	3190	1020	e125	820	e105	173	61
27	e90	e76	406	13100	e230	4860	1110	e120	422	e98	109	113
28	e96	e160	370	3140	e350	e1700	619	e900	276	e93	64	430
29	e96	521	342	e1400	e295	e1100	543	1160	217	e88	77	410
30	e100	321	e320	e1000	---	e1800	634	497	186	87	164	193
31	108	---	e300	e660	---	2520	---	263	---	310	695	---
TOTAL	4720	11130	44966	45391	22331	49510	41064	9643	21476	4710	4374	3619
MEAN	152	371	1451	1464	770	1597	1369	311	716	152	141	121
MAX	1450	1360	15600	13100	6760	8980	6030	1160	7750	446	695	439
MIN	52	75	86	315	230	165	378	120	85	82	43	41
CFSM	.23	.57	2.22	2.24	1.18	2.44	2.09	.48	1.09	.23	.22	.18
IN.	.27	.63	2.56	2.58	1.27	2.82	2.34	.55	1.22	.27	.25	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1996, BY WATER YEAR (WY)

MEAN	272	528	1215	1601	1621	1805	1817	1076	424	293	258	152
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1961 - 1996	
ANNUAL TOTAL	300719		262934			
ANNUAL MEAN	824		718		917	
HIGHEST ANNUAL MEAN					2099	1983
LOWEST ANNUAL MEAN					318	1963
HIGHEST DAILY MEAN	25800	Apr 23	15600	Dec 18	72900	Apr 7 1983
LOWEST DAILY MEAN	46	Sep 18	41	Sep 19	20	Aug 17 1969
ANNUAL SEVEN-DAY MINIMUM	47	Sep 14	48	Sep 14	23	Sep 30 1969
INSTANTANEOUS PEAK FLOW			19700	Dec 18	88000	Apr 7 1983
INSTANTANEOUS PEAK STAGE			21.63	Dec 18	29.36	Apr 7 1983
ANNUAL RUNOFF (CFSM)	1.26		1.10		1.40	
ANNUAL RUNOFF (INCHES)	17.11		14.96		19.05	
10 PERCENT EXCEEDS	1300		1370		1860	
50 PERCENT EXCEEDS	244		278		206	
90 PERCENT EXCEEDS	65		66		59	

e Estimated

07291000 HOMOCHITTO RIVER AT EDDICETON, MS

LOCATION.--Lat 31°30'10", long 90°46'35", in SE1/4 NE1/4 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 mi^2.

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 sea level. 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: Feb. 3-7. Records good except for estimated daily discharges, which are poor. Satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 9,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	1830	*11,900	*14.15	Mar. 7	0600	9,170	12.81

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	45	55	149	206	134	421	199	126	50	85	53
2	45	55	56	1640	1450	129	263	186	1550	47	66	52
3	186	53	55	338	e980	123	224	174	353	45	57	50
4	118	45	60	199	e780	119	207	167	158	43	55	48
5	61	44	60	148	e420	119	182	161	120	47	50	52
6	51	43	157	142	e260	398	291	156	109	49	85	60
7	46	111	140	135	e214	3580	244	150	96	49	80	55
8	46	90	88	102	201	643	184	146	99	50	52	48
9	45	53	296	90	189	382	162	142	101	51	58	58
10	44	66	136	83	176	294	146	139	88	55	68	70
11	43	589	91	88	163	237	138	144	80	55	57	49
12	43	126	79	115	148	208	134	146	75	57	58	47
13	47	78	74	89	140	185	1070	130	85	57	62	44
14	57	67	70	80	140	166	1060	127	553	63	52	44
15	50	61	67	72	141	149	1880	123	574	84	50	45
16	45	60	82	69	131	137	484	118	225	66	49	48
17	43	58	203	65	127	130	326	114	103	62	50	50
18	41	58	6890	71	128	182	271	112	76	61	49	46
19	41	57	2230	78	141	209	241	110	64	60	47	46
20	41	58	626	65	255	141	221	109	58	58	47	46
21	40	58	405	63	181	121	218	108	59	56	46	71
22	40	55	294	61	148	114	201	108	61	55	47	71
23	41	56	199	60	135	109	2130	110	57	56	46	50
24	40	55	176	778	127	107	483	110	204	54	49	49
25	38	53	153	246	121	1330	296	109	560	56	49	53
26	39	53	144	1500	120	457	259	107	134	56	51	53
27	45	55	136	1800	120	627	216	106	76	55	50	92
28	52	55	128	397	134	328	196	104	60	66	50	194
29	42	57	123	311	139	241	215	1100	53	50	52	91
30	42	54	118	274	---	531	273	291	51	45	59	59
31	44	---	148	230	---	930	---	147	---	45	63	---
TOTAL	1602	2368	13539	9538	7615	12560	12636	5253	6008	1703	1739	1794
MEAN	51.7	78.9	437	308	263	405	421	169	200	54.9	56.1	59.8
MAX	186	589	6890	1800	1450	3580	2130	1100	1550	84	85	194
MIN	38	43	55	60	120	107	134	104	51	43	46	44
CFSM	.29	.44	2.41	1.70	1.45	2.24	2.33	.94	1.11	.30	.31	.33
IN.	.33	.49	2.78	1.96	1.57	2.58	2.60	1.08	1.23	.35	.36	.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1996, BY WATER YEAR (WY)

MEAN	95.8	155	324	425	492	529	472	291	139	141	99.8	76.2
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1939 - 1996	
ANNUAL TOTAL	85916		76355			
ANNUAL MEAN	235		209		269	
HIGHEST ANNUAL MEAN					587	1983
LOWEST ANNUAL MEAN					92.8	1954
HIGHEST DAILY MEAN	7260	Apr 23	6890	Dec 18	34600	Apr 13 1974
LOWEST DAILY MEAN	38	Oct 25	38	Oct 25	11	Jun 1 1989
ANNUAL SEVEN-DAY MINIMUM	40	Oct 20	40	Oct 20	13	May 29 1989
INSTANTANEOUS PEAK FLOW			11900	Dec 18	55400	Apr 13 1974
INSTANTANEOUS PEAK STAGE			14.15	Dec 18	24.53	Apr 13 1974
ANNUAL RUNOFF (CFSM)	1.30		1.15		1.49	
ANNUAL RUNOFF (INCHES)	17.66		15.69		20.19	
10 PERCENT EXCEEDS	346		342		440	
50 PERCENT EXCEEDS	92		90		84	
90 PERCENT EXCEEDS	48		46		44	

e Estimated

07292500 HOMOCHITTO RIVER AT ROSETTA, MS

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 mi^2.

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 sea level. 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: Feb. 21-29, Mar. 1-4, May 27-31, Jun. 1-5, 11-30, Jul. 1-10. Records good except for estimated 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Dec. 18	2200	*34,200	*16.49	Jan. 27	0045	30,900	15.99

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	248	364	293	311	1120	e500	2520	906	e3500	e310	979	382
2	259	505	295	3850	5330	e450	1050	716	e1200	e270	1500	316
3	725	634	299	2130	3550	e420	788	632	e900	e260	945	294
4	1440	496	597	996	1930	e390	689	570	e740	e280	1030	266
5	501	357	542	682	1300	363	624	530	e660	e290	568	250
6	316	365	920	624	1150	1030	1250	493	610	e270	470	238
7	271	589	1710	838	1050	8210	1500	470	539	e260	992	259
8	257	1100	653	590	942	2840	887	439	1070	e270	617	270
9	266	442	1380	483	840	1250	710	430	748	e290	400	255
10	278	325	1310	472	754	795	603	408	525	e300	465	327
11	283	2310	567	484	676	600	541	510	e420	284	1210	372
12	278	1560	439	564	561	498	517	624	e390	247	699	260
13	280	568	433	486	485	442	3450	437	e1100	231	754	227
14	513	405	419	407	464	409	4740	397	e2300	224	454	216
15	510	356	405	384	458	382	9490	382	e660	290	342	216
16	326	337	557	376	407	358	3850	364	e450	326	310	229
17	291	318	1190	360	352	331	1930	358	e360	310	296	280
18	271	320	19800	365	352	522	1440	353	e310	316	291	260
19	267	323	11400	453	369	806	1250	348	e290	293	276	228
20	267	335	2760	356	1070	453	1090	345	e300	304	265	222
21	256	332	1360	340	e800	299	951	335	e270	275	255	408
22	254	300	922	354	e660	263	840	320	e500	230	229	472
23	252	294	663	353	e600	251	7190	315	e700	218	219	344
24	251	305	494	2650	e540	257	3740	313	e1400	300	222	273
25	245	288	392	2060	e500	3080	1680	318	e600	391	255	254
26	246	282	334	5010	e480	2930	1240	318	e350	291	280	243
27	277	291	296	12300	e500	2070	1160	e500	e300	259	249	522
28	369	296	256	2910	e540	1410	898	e3000	e280	260	233	1350
29	357	305	230	1660	e560	949	873	e500	e290	655	278	1310
30	303	309	233	1390	---	861	1310	e330	e300	376	385	573
31	328	---	250	1350	---	2020	---	e300	---	342	579	---
TOTAL	10985	15011	51399	45588	28340	35439	58801	16261	22062	9222	16047	11116
MEAN	354	500	1658	1471	977	1143	1960	525	735	297	518	371
MAX	1440	2310	19800	12300	5330	8210	9490	3000	3500	655	1500	1350
MIN	245	282	230	311	352	251	517	300	270	218	219	216
CFSM	.45	.64	2.11	1.87	1.24	1.45	2.49	.67	.93	.38	.66	.47
IN.	.52	.71	2.43	2.15	1.34	1.68	2.78	.77	1.04	.44	.76	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 1996, BY WATER YEAR (WY)

MEAN	579	731	1384	1780	1978	1947	1972	1315	732	628	493	461
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1952 - 1996	
ANNUAL TOTAL	413384		320271			
ANNUAL MEAN	1133		875		1163	
HIGHEST ANNUAL MEAN					2342	1983
LOWEST ANNUAL MEAN					348	1954
HIGHEST DAILY MEAN	28700	Apr 23	19800	Dec 18	118000	Apr 13 1974
LOWEST DAILY MEAN	190	Aug 31	216	Sep 14	129	Sep 22 1956
ANNUAL SEVEN-DAY MINIMUM	194	Aug 29	236	Sep 14	132	Sep 22 1956
INSTANTANEOUS PEAK FLOW			34200	Dec 18	150000	Apr 13 1974
INSTANTANEOUS PEAK STAGE			16.49	Dec 18	36.03	May 4 1953
ANNUAL RUNOFF (CFSM)	1.44		1.11		1.48	
ANNUAL RUNOFF (INCHES)	19.54		15.14		20.07	
10 PERCENT EXCEEDS	1970		1500		2100	
50 PERCENT EXCEEDS	501		420		480	
90 PERCENT EXCEEDS	245		257		229	

e Estimated

07295000 BUFFALO RIVER NEAR WOODVILLE, MS

LOCATION.--Lat 31°13'35", long 91°17'45", in SW1/4 sec.21, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, near center of span on downstream side of bridge on U.S. Highway 61, 1.5 mi downstream from Fords Creek, 2.8 mi west of Wilkinson, and 8.5 mi north of Woodville.

DRAINAGE AREA.--180 mi^2.

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 sea level. 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. 1-3, Jul. 30 - Aug. 2. Records good except for estimated discharges, which are poor and periods of record (Apr. 24 - May 5) when stage sensor was searching, which are fair.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height ft)
Dec. 18	1730	15,400	15.12	Jan. 26	2045	*17,400	*15.69

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e45.0	45	105	188	479	157	119	179	71	52	e60.0	59
2	e70.0	225	63	736	2000	127	105	205	234	51	e54.0	48
3	e100	243	66	227	728	105	103	193	92	48	51	42
4	147	56	72	147	368	95	101	183	68	44	48	39
5	59	35	70	129	283	94	102	153	63	44	32	43
6	46	44	97	124	256	985	496	113	62	41	47	44
7	43	1220	114	116	226	1200	205	108	61	41	80	40
8	41	183	73	103	200	438	143	103	488	39	40	44
9	39	67	366	99	180	238	126	99	118	40	74	40
10	35	65	117	96	169	198	117	98	81	38	444	38
11	33	126	91	100	143	176	113	424	74	43	2260	35
12	31	74	85	95	126	162	109	317	68	37	373	34
13	37	56	85	82	120	152	1430	131	180	35	410	33
14	103	50	78	80	124	144	984	115	204	38	114	33
15	53	47	75	77	121	137	1340	108	185	37	72	33
16	36	46	492	79	105	129	375	98	180	40	59	34
17	32	48	1150	79	103	120	266	96	83	49	53	40
18	29	49	8090	84	107	478	242	92	67	47	48	37
19	27	47	1660	88	114	219	218	87	60	64	50	31
20	25	53	550	74	102	147	194	84	187	52	46	30
21	26	53	339	74	92	133	175	81	256	42	45	185
22	27	49	251	71	88	124	171	76	82	37	44	109
23	25	49	206	76	78	115	990	72	71	37	42	44
24	37	49	180	1160	70	114	336	70	72	79	43	37
25	23	54	163	234	67	193	192	66	132	44	42	35
26	24	58	154	4680	67	159	257	62	70	41	51	34
27	29	63	143	2730	64	149	197	60	143	40	43	1210
28	34	55	126	699	1200	129	142	59	184	40	39	831
29	26	59	117	491	268	122	157	137	68	88	60	167
30	26	60	119	592	---	140	201	182	56	e130	52	85
31	32	---	121	1310	---	153	---	76	---	e70.0	124	---
TOTAL	1340.0	3328	15418	14920	8048	7032	9706	3927	3760	1528.0	5000.0	3514
MEAN	43.2	111	497	481	278	227	324	127	125	49.3	161	117
MAX	147	1220	8090	4680	2000	1200	1430	424	488	130	2260	1210
MIN	23	35	63	71	64	94	101	59	56	35	32	30
CFSM	.24	.62	2.76	2.67	1.54	1.26	1.80	.70	.70	.27	.90	.65
IN.	.28	.69	3.19	3.08	1.66	1.45	2.01	.81	.78	.32	1.03	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 1996, BY WATER YEAR (WY)

MEAN	123	182	354	462	514	568	453	285	171	154	99.0	122
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1942 - 1996	
ANNUAL TOTAL	130313.0		77521.0			
ANNUAL MEAN	357		212		290	
HIGHEST ANNUAL MEAN					552	1983
LOWEST ANNUAL MEAN					79.9	1954
HIGHEST DAILY MEAN	12800	Apr 11	8090	Dec 18	30700	Mar 25 1973
LOWEST DAILY MEAN	23	Oct 25	23	Oct 25	9.0	Oct 26 1993
ANNUAL SEVEN-DAY MINIMUM	27	Oct 20	27	Oct 20	18	Sep 24 1956
INSTANTANEOUS PEAK FLOW			17400	Jan 26	65000	Mar 25 1973
INSTANTANEOUS PEAK STAGE			15.69	Jan 26	22.30	Mar 25 1973
ANNUAL RUNOFF (CFSM)	1.98		1.18		1.61	
ANNUAL RUNOFF (INCHES)	26.93		16.02		21.92	
10 PERCENT EXCEEDS	591		369		484	
50 PERCENT EXCEEDS	101		86		87	
90 PERCENT EXCEEDS	45		37		36	

e Estimated

07377000 AMITE RIVER NEAR DARLINGTON, LA

LOCATION.--Lat 30o53'20", long 90o50'40", 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 sea level. 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 (ft3/s)	Gage height (ft)	Date	Time	Discharge ft3/s)	Gage height (ft)
Jan. 29	0230	91300	12.25	Apr. 12	0430	*23300	*16.95
Mar. 8	2200	89790	12.61	Apr. 24	1730	11900	13.66
Mar. 15	2000	10500	12.99				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	327	341	375	516	964	1090	1620	1160	2440	809	402	329
2	333	333	352	520	817	931	937	1110	1940	746	395	331
3	334	329	391	484	743	712	726	1060	1630	639	389	319
4	330	326	2030	464	682	631	644	1040	1190	594	393	312
5	323	336	1770	452	633	743	e601	1040	1010	570	564	310
6	321	416	1070	473	600	959	e567	1020	913	709	822	308
7	319	401	735	1010	579	2600	544	1420	853	799	519	304
8	334	358	618	794	564	9520	499	1290	816	606	427	304
9	498	341	e554	623	548	6970	465	2650	790	557	398	301
10	475	347	e622	558	543	2270	455	2010	776	532	382	300
11	400	630	e1150	527	628	1120	12100	1460	867	513	375	296
12	e504	778	e1050	510	930	888	21300	1230	802	501	379	294
13	e580	494	e776	502	744	769	9170	2640	786	496	536	294
14	e488	408	638	509	641	6120	2420	2480	728	489	459	295
15	410	372	570	516	594	10300	1240	1460	706	531	494	322
16	383	355	574	496	575	8980	948	1190	689	551	413	321
17	371	344	1260	478	556	6980	791	1080	678	488	371	308
18	365	339	1200	532	543	4520	709	1050	665	471	358	569
19	367	337	872	3250	542	2240	665	1500	654	456	356	460
20	410	331	697	2140	644	1250	642	1120	643	484	363	342
21	3000	327	614	1260	668	924	1910	984	634	568	441	326
22	1670	321	566	762	622	787	2150	936	624	479	619	418
23	1250	315	534	940	562	707	6070	907	615	440	550	493
24	722	309	504	1260	533	644	10400	884	606	421	429	387
25	545	309	484	984	517	593	7640	870	607	408	386	340
26	445	321	469	714	503	549	3000	860	605	409	371	325
27	400	329	459	3400	498	521	1780	850	586	393	362	318
28	378	441	453	8880	744	1090	1480	840	579	391	350	308
29	364	550	496	8040	---	1540	1330	1070	591	583	342	303
30	355	440	548	3700	---	4870	1230	2000	777	513	337	301
31	350	---	511	1310	---	3850	---	2910	---	415	333	---
TOTAL	17351	11578	22942	46604	17717	85668	94033	42121	25800	16561	13315	10138
MEAN	560	386	740	1503	633	2763	3134	1359	860	534	430	338
MAX	3000	778	2030	8880	964	10300	21300	2910	2440	809	822	569
MIN	319	309	352	452	498	521	455	840	579	391	333	294
CFSM	.97	.67	1.28	2.59	1.09	4.76	5.40	2.34	1.48	.92	.74	.58
IN.	1.11	.74	1.47	2.99	1.14	5.49	6.03	2.70	1.65	1.06	.85	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1995, BY WATER YEAR (WY)

MEAN	455	583	1075	1509	1795	1626	1541	1010	643	524	447	483
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 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1951 - 1995	
ANNUAL TOTAL	460902		403828			
ANNUAL MEAN	1263		1106		973	
HIGHEST ANNUAL MEAN					1924	1983
LOWEST ANNUAL MEAN					380	1970
HIGHEST DAILY MEAN	36600	Jan 28	21300	Apr 12,13	66400	Jan 25 1990
LOWEST DAILY MEAN	309	Nov 24	294	Sep 12,13	188	Oct 18 1956
ANNUAL SEVEN-DAY MINIMUM	319	Nov 21	298	Sep 8	190	Oct 26 1963
INSTANTANEOUS PEAK FLOW			23300	Apr 12	104000	Jan 25 1990
INSTANTANEOUS PEAK STAGE			16.95	Apr 12	22.05	Jan 25 1990
INSTANTANEOUS LOW FLOW			291	Sep 11,12,13,14	188	Oct 18 1956
INSTANTANEOUS LOW STAGE			2.72	Sep 11,12,13,14	0.39	Sep 6-9 1990
ANNUAL RUNOFF (CFSM)	2.18		1.91		1.68	
ANNUAL RUNOFF (INCHES)	29.56		25.90		22.80	
10 PERCENT EXCEEDS	2230		1960		1700	
50 PERCENT EXCEEDS	655		570		432	
90 PERCENT EXCEEDS	346		331		258	

e Estimated.

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 mi^2.

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 sea level. 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 ft^3/s and maximum (*):

Date	Time	Discharge (ft3/s)	Gage height (ft)	Date	Time	Discharge (ft3/s)	Gage height (ft)
Dec. 19	2030	*16,200	*15.21	Jan. 28	0900	11,800	13.63

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	300	424	328	682	1960	699	598	504	432	396	392	385
2	300	870	328	733	1900	e592	582	470	433	394	623	314
3	343	1300	329	710	3760	e509	524	458	492	391	509	300
4	431	790	347	676	2810	e491	495	441	463	391	1280	288
5	388	529	438	655	1490	e491	480	432	410	390	559	286
6	337	459	467	641	1130	702	577	426	399	390	396	287
7	313	483	478	634	1030	1840	883	421	397	389	556	296
8	304	820	667	619	921	1930	839	417	398	390	425	290
9	301	728	547	605	788	1320	598	415	463	392	349	296
10	300	479	856	602	675	764	531	412	401	532	333	361
11	300	412	669	601	627	625	494	413	397	462	387	435
12	299	387	505	604	e584	610	475	425	394	e408	394	333
13	334	378	445	602	e549	e549	963	422	396	e334	430	293
14	677	367	417	592	e522	e504	1460	412	414	e296	429	276
15	795	359	396	586	e487	e478	1560	411	601	e288	337	272
16	501	347	398	e575	e478	e461	1720	409	558	317	309	275
17	378	342	1560	e562	e461	e456	1140	406	517	328	297	275
18	341	340	7090	e580	e443	910	688	405	458	322	288	287
19	325	337	15400	605	e438	1020	590	404	672	310	287	274
20	314	350	12000	596	e452	634	549	403	442	305	291	269
21	302	355	3700	588	e522	540	514	403	411	299	291	417
22	298	346	1520	586	e491	506	488	403	401	295	277	639
23	301	335	1160	584	e447	487	875	401	456	291	271	370
24	303	331	967	745	e425	478	1740	400	779	302	268	301
25	297	339	863	928	e408	525	1350	399	548	307	276	285
26	294	334	801	1180	e408	643	743	398	559	304	526	278
27	303	334	755	8820	e397	819	938	397	445	299	446	292
28	345	327	718	10700	e592	597	600	397	409	329	314	594
29	359	331	691	4970	694	540	531	405	400	684	302	679
30	339	331	674	1730	---	560	524	597	397	412	309	449
31	342	---	666	2470	---	632	---	561	---	331	349	---
TOTAL	11064	13864	56180	45761	25889	21912	24049	13267	13942	11278	12500	10396
MEAN	357	462	1812	1476	893	707	802	428	465	364	403	347
MAX	795	1300	15400	10700	3760	1930	1740	597	779	684	1280	679
MIN	294	327	328	562	397	456	475	397	394	288	268	269
CFSM	.62	.80	3.12	2.55	1.54	1.22	1.38	.74	.80	.63	.70	.60
IN.	.71	.89	3.60	2.94	1.66	1.41	1.54	.85	.89	.72	.80	.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1996, BY WATER YEAR (WY)

MEAN	453	580	1091	1508	1775	1606	1525	997	639	520	446	480
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 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1951 - 1996	
ANNUAL TOTAL	433065		260102			
ANNUAL MEAN	1186		711		968	
HIGHEST ANNUAL MEAN					1924	1983
LOWEST ANNUAL MEAN					380	1970
HIGHEST DAILY MEAN	21300	Apr 12	15400	Dec 19	66400	Jan 25 1990
LOWEST DAILY MEAN	294	Sep 12	268	Aug 24	188	Oct 18 1956
ANNUAL SEVEN-DAY MINIMUM	298	Sep 8	275	Sep 14	190	Oct 26 1963
INSTANTANEOUS PEAK FLOW			16200	Dec 19	104000	Jan 25 1990
INSTANTANEOUS PEAK STAGE			15.21	Dec 19	22.05	Jan 25 1990
INSTANTANEOUS LOW FLOW			264	Sep 20	188	Oct 18 1956
INSTANTANEOUS LOW STAGE			2.26	Sep 20	0.39	Sep 6-9 1990
ANNUAL RUNOFF (CFSM)	2.05		1.23		1.67	
ANNUAL RUNOFF (INCHES)	27.78		16.68		22.67	
10 PERCENT EXCEEDS	2060		923		1680	
50 PERCENT EXCEEDS	575		442		433	
90 PERCENT EXCEEDS	325		300		258	

e Estimated

MOBILE RIVER BASIN

02432920 BULL MOUNTAIN CREEK NEAR TILDEN, MS

LOCATION.--Lat 34°10'48", long 88°18'41", in SW1/4 sec.25, T.10 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on downstream side of main channel bridge at left abument, 2 mi east of Tilden, 3 mi downstream from Gum Creek, 14 mi upstream from mouth.

DRAINAGE AREA.--274 mi^2.

PERIOD OF RECORD.--October 1992 to current year (High water records only).

GAGE.--Water-stage recorder. Elevation of gage is 277 ft above sea level, from topographic map.

REMARKS.--Records good. Telemeter and satellite telemeter at station.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,310 ft^3/s Apr. 24, gage height, 18.59 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-18	1300	15.93	813	03-05	2300	15.80	749	04-21	0800	15.59	655
12-18	1600	16.25	984	03-06	0200	16.95	1,480	04-21	1200	16.54	1,170
12-18	1900	16.95	1,480	03-06	0500	17.24	1,790	04-21	1600	17.16	1,690
12-18	2200	17.20	1,750	03-06	0800	17.40	2,000	04-21	2000	17.44	2,050
12-19	0100	17.33	1,910	03-06	1100	17.48	2,110	04-21	2400	17.74	2,520
12-19	0400	17.47	2,090	03-06	1300	17.47	2,100	04-22	0300	17.85	2,710
12-19	0800	17.65	2,370	03-06	1500	17.44	2,060	04-22	0600	17.85	2,710
12-19	1200	17.70	2,460	03-06	1700	17.40	2,000	04-22	0900	17.83	2,680
12-19	1600	17.71	2,470	03-06	1900	17.37	1,960	04-22	1200	17.88	2,770
12-19	2000	17.71	2,470	03-06	2200	17.48	2,110	04-22	1500	17.99	2,980
12-19	2400	17.75	2,530	03-07	0100	17.58	2,260	04-22	1800	18.11	3,210
12-20	0400	17.83	2,670	03-07	0400	17.72	2,490	04-22	2100	18.18	3,360
12-20	0700	17.90	2,790	03-07	0700	17.93	2,860	04-22	2400	18.34	3,720
12-20	1000	17.97	2,930	03-07	1000	18.21	3,420	04-23	0300	18.47	4,010
12-20	1200	18.01	3,010	03-07	1300	18.33	3,690	04-23	0600	18.49	4,070
12-20	1400	18.04	3,060	03-07	1500	18.39	3,830	04-23	0800	18.49	4,070
12-20	1600	18.06	3,100	03-07	1700	18.46	3,990	04-23	1000	18.51	4,120
12-20	1700	18.07	3,130	03-07	1900	18.50	4,090	04-23	1200	18.49	4,070
12-20	1800	18.07	3,130	03-07	2000	18.51	4,110	04-23	1400	18.43	3,930
12-20	1900	18.05	3,090	03-07	2100	18.50	4,090	04-23	1600	18.34	3,720
12-20	2000	18.05	3,090	03-07	2200	18.50	4,090	04-23	1800	18.26	3,540
12-20	2100	18.03	3,050	03-07	2300	18.49	4,060	04-23	2100	18.19	3,380
12-20	2300	18.01	3,010	03-07	2400	18.47	4,030	04-23	2400	18.24	3,480
12-21	0100	17.95	2,910	03-08	0200	18.44	3,940	04-24	0200	18.34	3,720
12-21	0400	17.87	2,750	03-08	0400	18.40	3,860	04-24	0400	18.47	4,020
12-21	0700	17.73	2,500	03-08	0700	18.38	3,800	04-24	0500	18.52	4,150
12-21	1000	17.57	2,250	03-08	1000	18.39	3,830	04-24	0600	18.56	4,240
12-21	1400	17.29	1,860	03-08	1200	18.40	3,860	04-24	0700	18.58	4,290
12-21	1800	16.97	1,490	03-08	1400	18.38	3,800	04-24	0745	18.59	4,310
12-21	2200	16.61	1,210	03-08	1700	18.31	3,650	04-24	0830	18.58	4,290
12-22	0200	16.33	1,030	03-08	2000	18.22	3,450	04-24	0930	18.57	4,270
12-22	0600	16.13	915	03-08	2400	18.08	3,140	04-24	1030	18.55	4,210
				03-09	0400	17.94	2,870	04-24	1130	18.52	4,150
				03-09	0800	17.80	2,630	04-24	1300	18.49	4,050
				03-09	1200	17.66	2,390	04-24	1500	18.42	3,910
				03-09	1600	17.52	2,170	04-24	1700	18.36	3,750
				03-09	2000	17.38	1,970	04-24	2000	18.26	3,540
				03-09	2400	17.22	1,770	04-24	2300	18.18	3,360
				03-10	0400	17.04	1,560	04-25	0200	18.09	3,170
				03-10	0800	16.86	1,410	04-25	0600	17.97	2,930
				03-10	1200	16.70	1,280	04-25	1000	17.84	2,700
				03-10	1600	16.55	1,170	04-25	1400	17.70	2,460
								04-25	1800	17.52	2,170
								04-25	2200	17.32	1,890
								04-26	0200	17.09	1,620
								04-26	0600	16.86	1,410
								04-26	1000	16.66	1,250
								04-26	1400	16.49	1,130
								04-26	1800	16.35	1,050
								04-26	2200	16.26	989

MOBILE RIVER BASIN

02437000 TOMBIGBEE RIVER NEAR AMORY, MS

LOCATION.--Lat 34°00'54", long 88°33'03", in NW1/4 NE1/4 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 mi^2, 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 sea level (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 good. Some regulation by Tennessee-Tombigbee Waterway. National Weather Service telemeter at station.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 162,000 ft^3/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 ft^3/s and maximum (*):

Date	Time	Discharge (ft3/s)	Gage Height (ft)	Date	Time	Discharge (ft3/s)	Gage Height (ft)
Dec. 19	0730	21,800	22.16	Apr. 22	0300	23,900	22.87
Mar. 25	1900	21,700	22.11	Apr. 23	2100	*30,600	*25.00

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-16	0300	12.03	2,530	01-06	0400	13.80	4,560	04-20	2200	12.39	2,900
12-16	0400	13.53	4,210	01-06	0600	13.93	4,730	04-20	2400	13.63	4,400
12-16	0500	14.86	6,050	01-06	0800	14.63	5,710	04-21	0100	14.76	5,900
12-16	0600	15.64	7,280	01-06	1000	15.60	7,210	04-21	0300	16.33	8,450
12-16	0800	16.43	8,630	01-06	1200	16.55	8,850	04-21	0500	17.14	9,950
12-16	1030	16.66	9,050	01-06	1400	17.85	11,400	04-21	0800	17.77	11,200
12-16	1300	16.50	8,760	01-06	1600	19.00	13,800	04-21	1000	18.01	11,700
12-16	1700	15.55	7,130	01-06	2000	20.20	16,600	04-21	1300	18.88	13,600
12-16	2300	14.50	5,520	01-06	2330	20.56	17,500	04-21	1500	20.03	16,200
12-17	0400	13.54	4,220	01-07	0200	20.30	16,900	04-21	1700	20.89	18,400
12-17	0800	13.23	3,840	01-07	0600	19.29	14,500	04-21	1900	21.68	20,500
12-17	1200	13.25	3,870	01-07	1000	18.09	11,800	04-21	2100	22.26	22,100
12-17	1800	14.40	5,380	01-07	1400	17.00	9,680	04-21	2400	22.73	23,500
12-17	2400	15.19	6,550	01-07	2000	16.04	7,950	04-22	0300	22.87	23,900
12-18	0300	16.20	8,230	01-08	0200	15.34	6,790	04-22	0600	22.60	23,100
12-18	1000	17.06	9,790	01-08	0800	14.74	5,870	04-22	1000	21.88	21,000
12-18	1500	16.96	9,610	01-08	1800	14.63	5,710	04-22	1300	20.86	18,300
12-18	2000	18.86	13,500	01-08	2300	14.49	5,500	04-22	1800	18.89	13,600
12-18	2400	20.75	18,000	01-09	0800	14.50	5,520	04-22	2300	17.83	11,300
12-19	0200	21.40	19,700	01-09	1600	14.35	5,310	04-23	0200	19.63	15,300
12-19	0500	21.99	21,300	01-09	2400	14.16	5,040	04-23	0500	21.33	19,500
12-19	0730	22.16	21,800	01-10	0400	13.89	4,680	04-23	0800	22.73	23,500
12-19	1000	21.96	21,300	01-10	1100	13.40	4,050	04-23	1100	23.80	26,700
12-19	1300	21.50	20,000					04-23	1500	24.66	29,400
12-19	1600	20.65	17,800	03-25	0300	12.36	2,860	04-23	2100	25.00	30,600
12-19	1900	19.56	15,100	03-25	0500	12.65	3,170	04-24	0300	24.66	29,400
12-19	2200	18.50	12,700	03-25	0600	13.92	4,720	04-24	0800	23.80	26,700
12-20	0100	17.56	10,800	03-25	0700	16.44	8,650	04-24	1500	22.71	23,400
12-20	0500	16.93	9,550	03-25	0800	17.86	11,400	04-24	2400	21.82	20,900
12-20	1100	16.54	8,830	03-25	1000	19.38	14,700	04-25	0500	21.69	20,500
12-20	1600	15.99	7,860	03-25	1200	20.45	17,300	04-25	1000	21.69	20,500
12-20	2000	15.59	7,190	03-25	1400	21.25	19,300	04-25	1500	21.53	20,100
12-20	2400	15.46	6,980	03-25	1600	21.78	20,800	04-25	2000	21.10	18,900
12-21	0800	15.36	6,820	03-25	1900	22.11	21,700	04-25	2400	20.78	18,100
12-21	1500	15.24	6,630	03-25	2000	22.11	21,700	04-26	0900	19.76	15,600
12-21	2400	15.13	6,460	03-25	2200	21.84	20,900	04-26	1800	18.56	12,800
12-22	0800	15.06	6,350	03-26	0200	20.73	18,000	04-26	2400	17.54	10,700
12-22	1100	15.00	6,260	03-26	0400	19.90	15,900	04-27	0800	16.84	9,380
12-22	1800	14.85	6,030	03-26	0600	19.07	14,000	04-27	1500	15.76	7,470
12-22	2400	14.76	5,900	03-26	0800	18.33	12,400	04-27	2300	15.52	7,080
12-23	0600	14.55	5,590	03-26	1000	17.68	11,000	04-28	0900	14.92	6,140
12-23	0800	14.30	5,240	03-26	1200	17.17	10,000	04-28	1500	14.37	5,330
12-23	1000	14.00	4,820	03-26	1400	16.71	9,140	04-28	2400	13.97	4,780
12-23	1200	13.69	4,420	03-26	1600	16.33	8,450	04-29	0800	13.57	4,260
12-23	1400	13.44	4,100	03-26	1800	15.92	7,740	04-29	2000	13.17	3,770
12-23	1900	13.15	3,750	03-26	2000	15.54	7,110				
				03-26	2200	15.16	6,510				
				03-26	2400	14.91	6,120				
				03-27	0300	14.81	5,970				

MOBILE RIVER BASIN

02441000 TIBBEE CREEK NEAR TIBBEE, MS

LOCATION.--Lat 33°32'17", long 88°38'00", in SW1/4 sec.4, T.19 N., R.16 E., Choctaw Meridian, Clay County, Hydrologic Unit 03160104, on right bank 10 ft downstream from bridge on old State Highway 25, 560 ft upstream from Illinois Central and Gulf Railroad bridge, 0.7 mi north of Tibbee, 4.5 mi upstream from Magee Creek, 5.0 mi south of West Point, 9.8 mi upstream from Catalpa Creek, and 17.7 mi upstream from mouth.

DRAINAGE AREA.--926 mi^2.

PERIOD OF RECORD.--August 1928 to September 1930, October 1939 to January 1981, February 1981 to September 1987 (high-water records only). October 1987 to current year (flood hydrograph only). Monthly discharge only for September 1930 and October 1939, published in WSP 1034. Prior to October 1950, published as Tibbee River near Tibbee.

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

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

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

AVERAGE DISCHARGE.--43 years (water years 1929-30, 1940-80), 1,343 ft^3/s, 19.70 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 81,600 ft^3/s, Mar. 17, 1973, gage height, 32.26 ft, no flow at times many years.

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

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage Height (ft)	Date	Time	Discharge (ft^3/s)	Gage Height (ft)
Apr. 22	2000	*17,800	*24.81	No other peaks greater than base discharge.			

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-16	0600	9.36	627	03-25	0200	9.45	681	04-20	2000	9.24	549
12-16	0800	9.76	848	03-25	0300	9.53	725	04-20	2200	9.33	607
12-16	1200	10.65	1,250	03-25	0400	9.72	827	04-20	2300	9.80	870
12-16	2400	11.38	1,540	03-25	0500	10.22	1,060	04-20	2400	10.67	1,260
12-17	1200	11.94	1,750	03-25	0600	10.96	1,390	04-21	0100	11.61	1,630
12-17	2400	12.69	2,060	03-25	0700	11.60	1,620	04-21	0300	13.24	2,300
12-18	0600	13.72	2,530	03-25	0800	12.29	1,890	04-21	0500	14.43	2,870
12-18	1000	14.77	3,050	03-25	0900	12.88	2,140	04-21	0700	15.42	3,390
12-18	1400	15.38	3,370	03-25	1000	13.31	2,330	04-21	1000	16.46	3,990
12-18	1800	16.43	3,980	03-25	1100	13.62	2,480	04-21	1300	17.23	4,470
12-18	2400	17.68	4,770	03-25	1200	13.82	2,580	04-21	1600	18.16	5,100
12-19	0600	18.04	5,010	03-25	1600	14.21	2,770	04-21	1900	19.21	5,850
12-19	1800	18.91	5,630	03-25	2000	14.65	2,990	04-21	2100	19.92	6,400
12-19	2400	19.51	6,080	03-25	2400	15.38	3,370	04-21	2400	21.20	7,440
12-20	0600	20.06	6,510	03-26	0400	16.10	3,780	04-22	0200	21.90	8,180
12-20	1200	20.53	6,890	03-26	0600	16.56	4,050	04-22	0600	22.99	10,600
12-20	1400	20.69	7,020	03-26	0800	16.95	4,300	04-22	1000	23.84	13,600
12-20	1600	20.80	7,110	03-26	1000	17.32	4,530	04-22	1400	24.58	16,700
12-20	1800	20.93	7,220	03-26	1200	17.71	4,790	04-22	1500	24.61	16,900
12-20	2000	21.04	7,310	03-26	1400	18.03	5,010	04-22	1600	24.78	17,600
12-20	2200	21.12	7,380	03-26	1600	18.32	5,210	04-22	1900	24.80	17,700
12-20	2400	21.19	7,440	03-26	1800	18.56	5,380	04-22	2000	24.81	17,800
12-21	0200	21.23	7,470	03-26	2000	18.75	5,520	04-22	2200	24.77	17,600
12-21	0400	21.28	7,510	03-26	2400	19.07	5,750	04-23	0200	24.73	17,400
12-21	0600	21.29	7,520	03-27	0400	19.28	5,910	04-23	0600	24.65	17,000
12-21	0800	21.30	7,530	03-27	0800	19.45	6,040	04-23	1000	24.49	16,300
12-21	0915	21.38	7,600	03-27	1200	19.56	6,120	04-23	1200	24.40	15,900
12-21	1000	21.32	7,550	03-27	1800	19.62	6,170	04-23	1600	24.22	15,200
12-21	1200	21.34	7,560	03-27	2400	19.69	6,220	04-23	2000	24.10	14,700
12-21	1400	21.28	7,510	03-28	0100	19.78	6,290	04-23	2400	24.03	14,400
12-21	1600	21.25	7,490	03-28	0245	19.78	6,290	04-24	1200	23.85	13,700
12-21	1800	21.22	7,460	03-28	0400	19.67	6,210	04-24	2400	23.53	12,400
12-21	2000	21.12	7,380	03-28	0600	19.65	6,190	04-25	1200	22.99	10,600
12-21	2400	20.93	7,220	03-28	0800	19.59	6,140	04-25	2400	22.49	9,360
12-22	0600	20.42	6,800	03-28	1000	19.52	6,090	04-26	0600	22.15	8,610
12-22	1200	19.68	6,210	03-28	1200	19.36	5,970	04-26	1200	21.68	7,910
12-22	1800	18.69	5,420	03-28	1800	18.87	5,600	04-26	1800	20.95	7,240
12-22	2400	17.47	4,630	03-28	2400	18.07	5,030	04-26	2400	20.04	6,500
12-23	0600	15.91	3,670	03-29	0600	17.05	4,360	04-27	0300	19.51	6,080
12-23	1200	14.51	2,910	03-29	1200	15.76	3,580	04-27	0600	18.95	5,660
12-23	1800	12.98	2,190	03-29	1800	14.25	2,790	04-27	0900	18.35	5,230
12-23	2000	10.67	1,260	03-29	2400	12.71	2,070	04-27	1200	17.72	4,800
12-23	2200	10.20	1,050	03-30	0600	11.41	1,550	04-27	1500	17.03	4,350
12-23	2400	9.93	928	03-30	1200	10.77	1,310	04-27	1800	16.23	3,860
12-24	0200	9.77	854	03-30	1800	10.43	1,150	04-27	2100	15.48	3,430
12-24	1200	9.59	759	03-30	2400	10.29	1,090	04-27	2400	14.45	2,880
12-24	2000	9.38	641	03-31	0600	10.27	1,080	04-28	0300	13.29	2,320
				03-31	1200	10.23	1,060	04-28	0600	12.03	1,790
				03-31	1800	10.17	1,040	04-28	1200	10.29	1,090
								04-28	1800	9.82	879
								04-28	2400	9.63	780

PEARL RIVER BASIN

02485800 EUBANKS CREEK AT JACKSON, MS

LOCATION.--Lat 32°21'00", long 90°09'50", in NW1/4 NE1/4 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 mi^2.

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 sea level, 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 fair. Occasional backwater from Pearl River.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,200 ft^3/s, Apr. 29, 1953, gage height, 12.20 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,680 ft^3/s, Oct. 3, gage height 10.22 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
10-03	0015	4.10	22	01-26	0745	4.35	44	04-14	1430	4.60	74
10-03	0030	4.35	44	01-26	0800	5.37	208	04-14	1445	7.89	894
10-03	0045	4.49	60	01-26	0815	6.99	615	04-14	1500	8.27	1,010
10-03	0100	4.98	132	01-26	0830	5.41	216	04-14	1515	7.99	927
10-03	0115	6.07	367	01-26	0845	7.33	717	04-14	1530	7.54	782
10-03	0130	6.59	502	01-26	0900	8.33	1,030	04-14	1545	6.89	586
10-03	0145	6.87	581	01-26	0915	8.66	1,140	04-14	1600	6.22	405
10-03	0200	7.86	884	01-26	0930	8.41	1,060	04-14	1615	5.73	286
10-03	0215	9.80	1,530	01-26	0945	7.89	894	04-14	1630	5.49	233
10-03	0230	10.22	1,680	01-26	1000	7.21	680	04-14	1645	5.39	212
10-03	0245	9.85	1,550	01-26	1015	6.53	486	04-14	1700	5.33	200
10-03	0300	9.03	1,260	01-26	1030	6.83	569	04-14	1715	5.22	178
10-03	0315	7.89	894	01-26	1045	8.13	971	04-14	1730	5.09	153
10-03	0330	6.75	547	01-26	1100	8.94	1,230	04-14	1745	5.13	160
10-03	0345	5.92	331	01-26	1115	8.67	1,140	04-14	1800	5.63	264
10-03	0400	5.74	288	01-26	1130	8.41	1,060	04-14	1815	5.72	284
10-03	0415	5.74	288	01-26	1145	8.58	1,110	04-14	1830	5.56	248
10-03	0430	5.64	266	01-26	1200	9.73	1,510	04-14	1845	5.37	208
10-03	0445	5.78	298	01-26	1215	10.19	1,670	04-14	1900	5.14	162
10-03	0500	5.72	284	01-26	1230	9.95	1,580	04-14	1915	4.92	122
10-03	0515	5.47	229	01-26	1245	9.48	1,420	04-14	1930	4.71	89
10-03	0530	5.23	179	01-26	1300	8.98	1,250	04-14	1945	4.53	65
10-03	0545	5.00	136	01-26	1315	8.28	1,020	04-14	2000	4.39	48
10-03	0600	4.77	98	01-26	1330	7.62	807	04-14	2015	4.27	36
10-03	0615	4.53	65	01-26	1345	7.02	624	04-14	2045	4.06	19
10-03	0630	4.34	43	01-26	1400	6.46	467				
10-03	0645	4.17	28	01-26	1430	5.77	295	07-09	1745	4.26	35
				01-26	1445	5.58	253	07-09	1800	5.05	145
12-17	1745	4.18	28	01-26	1515	5.48	231	07-09	1815	7.49	766
12-17	1800	5.33	200	01-26	1545	5.78	298	07-09	1830	9.26	1,340
12-17	1815	7.85	881	01-26	1615	6.25	412	07-09	1845	9.47	1,410
12-17	1830	8.87	1,210	01-26	1630	6.42	457	07-09	1900	8.77	1,180
12-17	1845	8.45	1,070	01-26	1645	6.46	467	07-09	1915	8.05	946
12-17	1900	7.92	904	01-26	1700	6.32	430	07-09	1930	7.21	680
12-17	1915	7.23	686	01-26	1730	6.00	350	07-09	1945	6.34	436
12-17	1930	6.51	481	01-26	1800	5.65	268	07-09	2000	5.55	246
12-17	1945	5.89	323	01-26	1830	5.20	174	07-09	2015	4.99	134
12-17	2000	5.44	222	01-26	1900	4.81	104	07-09	2030	4.61	75
12-17	2015	5.13	160	01-26	1915	4.65	80	07-09	2045	4.32	41
12-17	2030	4.88	115	01-26	1945	4.38	47	07-09	2100	4.10	22
12-17	2045	4.66	82								
12-17	2100	4.47	57	03-25	0330	4.69	86				
12-17	2115	4.29	38	03-25	0345	6.29	423				
12-17	2130	4.15	26	03-25	0400	7.97	920				
				03-25	0415	8.72	1,160				
				03-25	0430	9.05	1,270				
				03-25	0445	8.77	1,180				
				03-25	0500	8.32	1,030				
				03-25	0515	7.69	829				
				03-25	0530	7.01	621				
				03-25	0545	6.36	441				
				03-25	0600	5.87	319				
				03-25	0615	5.49	233				
				03-25	0630	5.18	170				
				03-25	0645	4.94	125				
				03-25	0700	4.70	87				
				03-25	0715	4.50	61				
				03-25	0730	4.33	42				

PEARL RIVER BASIN

02485950 TOWN CREEK AT JACKSON, MS

LOCATION.--Lat 32°18'14", long 90°11'32", in NW1/4 SW1/4sec.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 mi^2.

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 sea level. Prior to Mar. 2, 1988, at datum 2.00 ft higher.

REMARKS.--Records fair. Occasional backwater from Pearl River.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,480 ft^3/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 ft^3/s, gage height, 19.00 ft (but may have been at different datum).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,320 ft^3/s, Jan. 25, gage height, 10.62 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-17	1800	3.97	590	01-25	1645	3.19	377	03-25	0315	3.57	477
12-17	1815	6.03	1,280	01-25	1715	3.38	426	03-25	0330	5.22	989
12-17	1830	7.18	1,730	01-25	1745	3.33	413	03-25	0345	6.84	1,600
12-17	1845	7.70	1,950	01-25	1815	3.25	392	03-25	0400	7.84	2,010
12-17	1900	7.80	2,000	01-25	1845	3.20	380	03-25	0415	8.26	2,200
12-17	1915	7.69	1,950	01-25	1900	3.28	400	03-25	0430	8.28	2,210
12-17	1930	7.30	1,780	01-25	1915	3.56	474	03-25	0445	8.16	2,150
12-17	1945	6.87	1,610	01-25	1930	4.26	677	03-25	0500	7.69	1,950
12-17	2000	6.40	1,420	01-25	1945	5.13	958	03-25	0515	7.29	1,780
12-17	2015	5.79	1,190	01-25	2000	6.00	1,270	03-25	0530	6.81	1,580
12-17	2030	5.41	1,060	01-25	2015	6.51	1,460	03-25	0545	6.29	1,380
12-17	2045	5.00	914	01-25	2030	7.06	1,680	03-25	0600	5.88	1,230
12-17	2115	4.46	739	01-25	2045	7.58	1,900	03-25	0615	5.45	1,070
12-17	2200	3.90	570	01-25	2100	7.63	1,920	03-25	0630	5.25	1,000
12-17	2245	3.59	483	01-25	2115	7.46	1,850	03-25	0645	4.97	904
12-17	2330	3.29	403	01-25	2130	7.31	1,790	03-25	0700	4.75	832
12-17	2345	3.20	380	01-25	2145	6.88	1,610	03-25	0715	4.58	777
				01-25	2215	7.73	1,970	03-25	0730	4.35	705
12-18	0030	3.46	447	01-25	2230	8.30	2,210	03-25	0745	4.19	656
12-18	0115	3.90	570	01-25	2245	8.40	2,260	03-25	0800	4.10	629
12-18	0145	3.99	596	01-25	2300	8.57	2,340	03-25	0815	3.88	564
12-18	0215	3.88	564	01-25	2315	8.74	2,410	03-25	0830	3.73	521
12-18	0230	3.82	547	01-25	2330	9.85	2,940	03-25	0845	3.59	483
12-18	0345	3.98	593	01-25	2345	10.53	3,280	03-25	0900	3.50	458
12-18	0400	4.16	647	01-25	2400	10.62	3,320	03-25	0915	3.36	421
12-18	0430	4.39	717	01-26	0015	10.53	3,280	03-25	0930	3.22	385
12-18	0500	4.84	861	01-26	0030	10.35	3,190	03-25	0945	3.12	360
12-18	0545	5.37	1,040	01-26	0045	10.14	3,080	03-25	1000	3.05	342
12-18	0615	5.65	1,140	01-26	0100	9.77	2,900				
12-18	0645	5.99	1,270	01-26	0115	9.21	2,630	04-14	1415	2.90	305
12-18	0715	6.18	1,340	01-26	0130	8.01	2,090	04-14	1430	5.67	1,150
12-18	0730	6.25	1,360	01-26	0145	7.60	1,910	04-14	1445	7.24	1,760
12-18	0745	6.09	1,300	01-26	0200	7.24	1,760	04-14	1500	7.72	1,980
12-18	0800	5.95	1,250	01-26	0215	7.06	1,680	04-14	1515	7.88	2,030
12-18	0830	5.47	1,080	01-26	0245	6.86	1,600	04-14	1530	7.69	1,950
12-18	0900	4.95	898	01-26	0315	7.06	1,680	04-14	1545	7.48	1,860
12-18	0930	4.56	770	01-26	0330	7.20	1,740	04-14	1600	6.89	1,620
12-18	1000	4.24	671	01-26	0400	7.24	1,760	04-14	1615	7.48	1,480
12-18	1030	3.93	579	01-26	0415	7.05	1,680	04-14	1630	6.89	1,350
12-18	1115	3.53	466	01-26	0430	6.98	1,650	04-14	1645	6.55	1,230
12-18	1200	3.20	380	01-26	0445	6.79	1,580	04-14	1700	6.22	1,160
12-18	1230	3.08	350	01-26	0500	6.59	1,500	04-14	1730	5.90	1,090
12-18	1300	3.98	593	01-26	0515	6.34	1,400	04-14	1745	5.62	1,130
12-18	1315	4.88	874	01-26	0530	6.13	1,320	04-14	1815	5.69	1,160
12-18	1330	5.80	1,200	01-26	0545	5.91	1,240	04-14	1830	5.50	1,090
12-18	1345	6.58	1,490	01-26	0600	5.49	1,080	04-14	1845	5.39	1,050
12-18	1400	7.04	1,680	01-26	0615	5.36	1,040	04-14	1900	5.25	1,000
12-18	1430	7.66	1,940	01-26	0630	5.10	948	04-14	1915	4.92	888
12-18	1445	7.70	1,950	01-26	0645	4.90	881	04-14	1930	4.70	815
12-18	1515	7.30	1,780	01-26	0700	4.71	819	04-14	1945	4.62	790
12-18	1545	6.80	1,580	01-26	0715	4.61	786	04-14	2000	4.32	695
12-18	1615	6.41	1,430	01-26	0730	4.46	739	04-14	2015	4.19	656
12-18	1645	6.03	1,280	01-26	0745	4.27	680	04-14	2030	3.96	587
12-18	1715	5.59	1,120	01-26	0815	3.95	584	04-14	2100	3.65	499
12-18	1745	5.15	965	01-26	0845	3.71	516	04-14	2130	3.43	439
12-18	1815	4.82	855	01-26	0915	3.58	480	04-14	2200	3.18	375
12-18	1845	4.47	742	01-26	0945	3.41	434	04-14	2230	3.06	345
12-18	2000	3.63	494	01-26	1015	3.20	380				
12-18	2045	3.29	403	01-26	1045	3.01	332				
12-18	2130	3.02	335								

PEARL RIVER BASIN

02486100 LYNCH CREEK AT JACKSON, MS

LOCATION.--Lat 32°17'04", long 90°12'52", in SW1/4 SE1/4 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 mi^2 (11.1 mi^2 at U.S. Highway 80, furnished by City of Jackson plus 0.9 mi^2 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 sea level.

REMARKS.--Records fair. Occasional backwater from Pearl River.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,180 ft^3/s, Apr. 20, 1995, gage height, 16.30 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 29, 1953, maximum discharge, 7,500 ft^3/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, unknown.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
06-14	0100	5.44	549	07-09	0800	5.10	486	07-28	0100	5.63	586
06-14	0200	5.35	532	07-09	0900	5.06	479	07-28	0200	5.48	557
06-14	0300	5.28	519	07-09	1000	5.02	471	07-28	0300	5.38	538
06-14	0400	5.23	510	07-09	1100	4.98	464	07-28	0400	5.31	525
06-14	0500	5.20	504	07-09	1200	4.90	450	07-28	0500	5.25	513
06-14	0600	5.17	499	07-09	1300	4.91	452	07-28	0600	5.21	506
06-14	0700	5.14	493	07-09	1400	4.91	452	07-28	0700	5.19	502
06-14	0800	5.12	489	07-09	1500	4.94	457	07-28	0800	5.11	488
06-14	0900	5.10	486	07-09	1600	4.93	455	07-28	0830	5.12	489
06-14	0930	5.11	488	07-09	1630	4.92	454	07-28	0900	5.09	484
06-14	1000	5.23	510	07-09	1700	4.88	447	07-28	0930	7.18	923
06-14	1030	5.55	571	07-09	1730	4.86	443	07-28	0945	10.06	1,710
06-14	1100	6.59	787	07-09	1800	4.99	466	07-28	1000	11.35	2,130
06-14	1115	7.90	1,100	07-09	1830	8.48	1,250	07-28	1015	11.84	2,300
06-14	1130	9.93	1,670	07-09	1845	10.29	1,780	07-28	1030	12.03	2,360
06-14	1145	10.94	1,990	07-09	1900	11.20	2,080	07-28	1045	12.01	2,360
06-14	1200	11.27	2,100	07-09	1915	11.67	2,240	07-28	1100	11.85	2,300
06-14	1215	11.34	2,120	07-09	1930	11.73	2,260	07-28	1115	11.46	2,170
06-14	1230	11.15	2,060	07-09	1945	11.40	2,150	07-28	1130	10.91	1,980
06-14	1245	10.74	1,930	07-09	2000	10.83	1,960	07-28	1145	10.27	1,780
06-14	1300	10.25	1,770	07-09	2030	9.31	1,490	07-28	1200	9.62	1,580
06-14	1330	9.15	1,440	07-09	2100	8.04	1,140	07-28	1230	8.49	1,260
06-14	1400	8.15	1,170	07-09	2130	7.16	919	07-28	1300	7.60	1,030
06-14	1430	7.43	984	07-09	2200	6.61	792	07-28	1330	7.02	886
06-14	1500	6.91	860	07-09	2230	6.26	715	07-28	1400	6.61	792
06-14	1530	6.57	783	07-09	2300	5.98	657	07-28	1430	6.29	722
06-14	1600	6.38	741	07-09	2400	5.67	594	07-28	1500	6.09	680
06-14	1630	6.25	713	07-10	0100	5.49	559	07-28	1600	5.81	622
06-14	1700	6.12	686	07-10	0200	5.38	538	07-28	1700	5.61	582
06-14	1730	5.99	659	07-10	0300	5.29	521	07-28	1800	5.47	555
06-14	1800	5.88	636	07-10	0400	5.22	508	07-28	1900	5.36	534
06-14	1900	5.68	596	07-10	0500	5.20	504	07-28	2000	5.27	517
06-14	2000	5.51	563	07-10	0600	5.18	500	07-28	2100	5.21	506
06-14	2100	5.38	538	07-10	0700	5.12	489	07-28	2200	5.18	500
06-14	2200	5.31	525	07-10	0800	5.08	482	07-28	2300	5.13	491
06-14	2300	5.26	515					07-28	2400	5.13	491
06-14	2400	5.21	506								

PEARL RIVER BASIN

02486350 CANY CREEK AT JACKSON, MS

LOCATION.--Lat 32°14'14", long 90°13'58", in NE1/4 sec.31, T.5 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at bridge on Terry Road (Old U.S. Highway 51 south) at Jackson, and about 2.5 mi upstream from the confluence with the Pearl River.

DRAINAGE AREA.--8.38 mi^2.

PERIOD OF RECORD.--Occasional discharge measurements, annual maximums, water years 1961-77. November 1993 to September 1994 (high water records only).

GAGE.--Water-stage recorder. Datum of gage is 255.00 ft above sea level. November 1960 to September 1977 crest-stage gage at same site and datum 55 ft lower.

REMARKS.--Records fair. Occasional backwater from Pearl River. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,400 ft^3/s, Apr. 16, 1973, gage height, 15.89 ft present datum, minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,620 ft^3/s, Jan. 26, gage height 11.96 ft.

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 1996 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-18	0100	6.28	509	01-26	0100	3.65	58	03-25	0100	3.84	72
12-18	0200	6.36	528	01-26	0200	3.64	58	03-25	0130	3.82	70
12-18	0300	6.40	538	01-26	0300	3.66	59	03-25	0200	3.81	70
12-18	0400	6.62	595	01-26	0400	3.71	63	03-25	0230	3.80	69
12-18	0500	7.12	736	01-26	0500	3.99	90	03-25	0300	3.73	63
12-18	0600	7.61	887	01-26	0600	4.58	188	03-25	0315	4.01	90
12-18	0700	7.91	989	01-26	0700	4.71	241	03-25	0330	4.93	212
12-18	0800	7.54	865	01-26	0800	6.14	598	03-25	0345	7.22	739
12-18	0900	6.90	673	01-26	0900	7.53	1,090	03-25	0400	8.88	1,330
12-18	1000	6.41	541	01-26	1000	8.28	1,470	03-25	0415	9.99	1,790
12-18	1030	6.23	497	01-26	1030	8.10	1,430	03-25	0425	10.19	1,880
12-18	1100	6.09	464	01-26	1100	8.92	1,820	03-25	0435	10.35	1,950
12-18	1130	5.90	421	01-26	1115	9.27	2,000	03-25	0445	10.44	2,000
12-18	1200	5.78	393	01-26	1130	9.41	2,090	03-25	0455	10.35	1,950
12-18	1230	5.77	390	01-26	1145	9.53	2,170	03-25	0505	10.18	1,880
12-18	1300	6.83	653	01-26	1200	9.88	2,370	03-25	0515	10.01	1,800
12-18	1330	8.06	1,040	01-26	1215	10.76	2,880	03-25	0530	9.80	1,710
12-18	1400	8.80	1,330	01-26	1230	11.61	3,480	03-25	0545	9.34	1,510
12-18	1430	9.74	1,720	01-26	1240	11.96	3,620	03-25	0600	8.78	1,280
12-18	1440	9.76	1,730	01-26	1245	11.96	3,620	03-25	0615	8.22	1,070
12-18	1450	9.59	1,660	01-26	1300	11.90	3,620	03-25	0630	7.67	878
12-18	1500	9.43	1,590	01-26	1315	11.64	3,590	03-25	0645	7.32	768
12-18	1530	8.86	1,360	01-26	1330	11.19	3,500	03-25	0700	7.03	685
12-18	1600	8.25	1,110	01-26	1345	10.71	3,220	03-25	0730	6.65	579
12-18	1630	7.65	901	01-26	1400	10.16	2,840	03-25	0800	6.38	511
12-18	1700	7.23	768	01-26	1430	8.86	2,130	03-25	0830	6.13	453
12-18	1730	6.91	676	01-26	1500	7.93	1,690	03-25	0900	5.88	395
12-18	1800	6.68	611	01-26	1530	7.56	1,510	03-25	0930	5.72	359
12-18	1830	6.48	558	01-26	1600	7.66	1,540	03-25	1000	5.62	338
12-18	1900	6.30	513	01-26	1630	7.97	1,650	03-25	1030	5.49	311
12-18	1930	6.14	476	01-26	1700	8.05	1,670	03-25	1100	5.31	277
12-18	2000	6.00	444	01-26	1800	7.93	1,580	03-25	1130	4.97	219
12-18	2030	5.88	416	01-26	1900	7.24	1,260	03-25	1200	4.65	166
12-18	2100	5.76	388	01-26	2000	6.67	1,010	03-25	1300	4.43	136
12-18	2130	5.64	361	01-26	2100	6.32	865	03-25	1400	4.28	118
12-18	2200	5.48	327	01-26	2200	6.01	745	03-25	1500	4.28	118
12-18	2230	5.14	263	01-26	2300	5.74	642	03-25	1600	4.19	108
12-18	2300	4.89	221	01-26	2400	5.53	561	03-25	1700	4.12	101
12-18	2400	4.71	190	01-27	0100	4.87	386	03-25	1800	4.09	98
				01-27	0200	4.50	290	03-25	1900	4.01	90
				01-27	0300	4.34	246	03-25	2000	3.98	87
				01-27	0400	4.27	221				
				01-27	0500	4.20	193				
				01-27	0600	4.18	177				
				01-27	0700	4.14	158				
				01-27	0800	3.97	124				

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 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 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", SW1/4SE1/4 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‡, 1971-96	4-23-96	<20.63	<5,760	3-21-55	27.72	23,000
Coonewah Creek at Shannon, MS (02435800)	Lat 34°08'17", long 88°43'08", in SE1/4 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.	1953-96	4-22-96	15.68	a4,600	4-11-62	19.57	22,400
Chiwapa Creek at Shannon, MS (02436000)	Lat 34°06'35", long 88°43'20", in SE1/4 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 mi^2.	1952-67‡, 1968-96	6-08-96	11.66	17,800	3-21-55	15.72	35,500
Mattubby Creek near Aberdeen, MS (02437300)	Lat 33°52'13", long 88°35'46", in SE1/4SE1/4 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, 1952-96	4-22-96	92.67	7,740	12-21-90	95.27	14,600
Nichols Creek tributary near Quincy, MS (02437550)	Lat 33°54'20", long 88°21'05", in SE1/4 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.	1967-96	4-21-96	5.33	180	10-30-93	9.70	510
James Creek at Aberdeen, MS (02437600)	Lat 38°48'48", long 88°33'59", in SW1/4SE1/4 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 mi2.	1964-68‡, 1969-96	4-22-96	22.56	3,140	10-22-84	15.21	6,970
Chuquatonchee Creek near Okalona, MS (02439980)	Lat 34°00'05", long 88°53'00", in NE1/4 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.	1963-68, 1969-80, 1984-86, 1988-96	7-31-96	(b)	(†)	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‡, 1974-96	7-31-96	14.56	14,400	3-16-73	16.61	36,300

Annual maximum discharge at crest-stage partial-record stations during water year 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 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 SE1/4SW1/4 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‡, 1969-96	4-22-96	13.99	6,890	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‡, 1974-96	4-23-96	17.17	9,840	3-17-73	24.58	57,100
Line Creek near Maben, MS (02440600)	Lat 33°39'17", long 89°03'41", in S1/2 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.	1952-96	4-22-96	26.93	5,640	12-03-83	28.33	7,540
Trim Cane Creek near Starkville MS (02440800)	Lat 33°28'08", long 88°54'30", in W1/2 sec.25, T.19 N., R.13 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, at bridge on U.S. Highway 82, 3.0 mi above Biba Wila Creek, and 6.0 mi west of Starkville. Drainage area is 44.9 mi^2.	1952-96	12-22-94 12-18-95	16.69 <15.88	d1,770 <1,490	5-19-83	28.10	9,980
Sand Creek tributary near Mayhew, MS (02441220)	Lat 33°28'37", long 88°43'23", on line between SW1/4 sec.17 and NW1/4 sec.34, T.19N., R.15 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, on U.S. Highway 82, 3.7 mi west of Mayhew. Drainage area is 0.44 mi^2.	1966-96	12-18-95	4.00	70.0	4-27-84	8.75	395
Catalpa Creek at Mayhew, MS (02441300)	Lat 33°28'53", long 88°37'42", in NE1/4SW1/4 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‡, 1969-96	4-20-92 2-16-93 d 3-08-95 12-18-95	d14.15 d14.91 d16.59 16.00	d2,850 d3,750 d5,950 5,080	4-13-79	21.52	19,800
Luxapallila Creek at Steens, MS (02443000)	Lat 33°33'35", long 88°18'55", in NE1/4 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‡, 1978-96	4-22-96	17.31	7,440	1-06-49	19.20	16,000
Flat Scooba Creek tributary near Scooba, MS (02448620)	Lat 32°50'27", long 88°28'08", in SE1/4 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.	1967-96	1-27-96	4.57	89.0	4-12-79	8.87	427
			PASCAGOULA RIVER BASIN					
Leaf River near Raleigh, MS (02471100)	Lat 32°00'47", long 89°25'58", in SE1/4SE1/4 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, 1957-96	11-11-95	21.72	6,050	4-13-74	28.17	17,000

Annual maximum discharge at crest-stage partial-record stations during water year 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 maximum Date	Gage height (ft)	Discharge (ft^3/s)	Period of record maximum Date	Gage height (ft)	Discharge (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.	1968-96	12-19-95	41.83	8,040	4-14-74	57.44	37,600
Oakohay Creek at Mize, MS (02471500)	Lat 31°52'00", long 89°32'49", in NW1/4 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‡, 1968-96	3-07-96	12.13	4,000	4-13-74	17.26	28,900
Bouie Creek near Sanford, MS (02472420)	Lat 31°28'20", long 89°31'20", in NE1/4 sec.20, T.6 N., R.15 W., St. Stephens Meridian, Covington County, Hydrolgic 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.	1968-96	3-07-96	16.68	3,260	4-13-74	32.22	a32,000
Gordon Creek at Hattiesburg, MS (02473047)	Lat 31°19'42", long 89°18'14", in NW1/4NE1/4 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.	1969-96	4-06-96	9.27	1,090	4-06-83	16.89	6,920
Tallahattah Creek near Waldrup, MS (02473480)	Lat 31°51'40", long 89°05'10", in NW1/4SE1/4 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‡, 1971-96	1-27-96	13.40	415	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 SE1/4 sec.31, T.1 N., and NE1/4 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.	1966-96	1-27-96	7.71	1,300	7-13-93	11.49	2,380
Buck Creek near Runnelstown MS (02474650)	Lat 31°21'50", long 89°03'08", 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.	1951-96	12-18-95	<9.14	<1,530	4-03-79	17.93	5,700
Waterfall Branch near McLain, MS (02475050)	Lat 31°07'08", long 88°45'28", in SW1/4NE1/4SE1/4 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.	1955-96	4-15-96	6.63	260	6-01-59	11.71	764
Souinlovey Creek near Baxter, MS (02477050)	Lat 32°13'10", long 89°09'30", in NE1/4 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.	1965-96	3-06-96	6.44	272	6-24-93	13.56	1,150

Annual maximum discharge at crest-stage partial-record stations during water year 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 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 NW1/4 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.	1963-96	1-27-96	14.05	1,560	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 SE1/4 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‡, 1972-96	12-18-95	17.08	5,060	5-10-95	24.74	32,700
	BILOXI RIVER BASIN							
Biloxi River near Lyman, MS (02481130)	Lat 30°29'18", long 89°02'09", in SE1/4SE1/4 sec.25, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on downstream side of right 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.	1965-96	12-18-95	18.07	10,900	5-10-95	23.95	36,800
	PEARL RIVER BASIN							
Yockanookany River tributary near McCool, MS (02483890)	Lat 33°10'06", long 89°25'28", in SW1/4 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.	1965-96	4-23-96	<3.14	<66.0	2-20-91	7.73	540
Coffee Bogue at Ludlow, MS (02484600)	Lat 32°34'25", long 89°43'48", in N1/2 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.	1975-96	4-12-80 7-04-89 2-12-90 4-29-91 8-27-92 1-22-93 1-28-94 4-21-95 12-18-95	d14.76 d>13.12 d14.26 d13.89 d12.40 d11.53 d15.23 d13.64 14.27	d6,410 d>2,670 d4,020 d3,530 d2,030 d1,440 d5,560 d3,230 4,030	7-04-89	15.93	9,550
Red Cane Creek tributary near Pisgah, MS (02484750)	Lat 32°28'05", long 89°47'55", on line between NE1/4 sec.8 and NW1/4 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.	1965-96	10-03-95	6.26	110	7-14-93	7.38	143
Fannegusha Creek near Sand Hill, MS (02484760)	Lat 32°30'20", long 89°48'45", in SW1/4 sec.29, T.8 N., R. 5 E., Choctaw Meridian, Rankin Countdy, Hydrologic Unit 03180002, at bridge on county road, 3.9 mi east of Sand Hill. Drainage area is 52.3 mi^2.	1971-96	12-18-95	12.24	5,650	4-12-80	13.35	9,000
Purple Creek at Jackson, MS (02485650)	Lat 32°22'48", long 90°07'19", in NW1/4 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.	1952-96	7-09-96	11.23	1,380	4-29-53	99.92	2,890

Annual maximum discharge at crest-stage partial-record stations during water year 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
	PEARL RIVER BASIN--Continued							
Three Mile Creek at Jackson, MS (02486115)	Lat 32°16'15", long 90°13'00", in NW1/4SE1/4 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.	1962-96	10-03-95	10.06	1,090	8-30-74	31.52	1,720
Strong River near Puckett, MS (02487300)	Lat 32°03'48", long 89°44'50", in SE1/2SE1/2 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.	1955-96	3-08-96	23.77	8,050	4-07-83	26.47	18,600
Copiah Creek near Hazlehurst, MS (02487900)	Lat 31°53'23", long 90°17'10", in SW1/4SE1/4 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‡, 1969-96	12-19-95	12.67	4,100	4-12-80	25.11	32,000
Elmers Draw near Columbia, MS (02489030)	Lat 31°11'58", long 89°57'57", in SE1/4SE1/4NW1/4 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.	1955-96	12-09-95	6.38	285	4-06-83	16.22	1,620
West Hobolochitto Creek near McNeill, MS (02492360)	Lat 30°39'42", long 89°41'10", in NW1/4NE1/4 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‡, 1969-96	4-15-96	16.08	3,850	1-21-93	23.43	27,800
	YAZOO RIVER BASIN							
Hell Creek near New Albany, MS (07267000)	Lat 34°30'55", long 89°03'10", in SW1/4 sec.36, T.6 S., R.2 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, at bridge on U.S. Highway 78, 3.0 mi northwest of New Albany, and 4.5 mi above mouth. Drainage area is 27.3 mi^2.	1939-42‡, 1952-96	4-22-96	8.79	3,760	12-26-82	13.50	8,420
Cypress Creek near Etta, MS (07268500)	Lat 34°26'30", long 89°17'25", in SE1/4 sec.27, T.7 S., R. 1 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, at bridge on State Highway 30, 4.5 mi southwest of Etta, and 5.0 mi above mouth. Prior to Oct. 1, 1964, at datum 10.00 ft higher. Drainage area is 28.5 mi^2.	1939-42‡, 1952-96	4-22-96	12.42	3,700	5-19-83	19.94	11,300
North Tippah Creek near Ripley, MS (07269000)	Lat 34°44'00", long 89°01'34", in SW1/4 sec.18, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, at bridge on State Highway 4, 2.0 mi upstream from Tippah Creek, and 5.5 mi west of Ripley. Drainage area is 20.0 mi^2.	1939-42‡, 1952-85, 1988-96	4-23-96	<8.03	<538	4-12-79	21.60	(†)

Annual maximum discharge at crest-stage partial-record stations during water year 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 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							
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 Meridian, 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‡, 1952-96	4-23-96	15.51	6,900	5-28-54	25.02	38,300
Long Creek near Cascilla, MS (07285700)	Lat 33°51'40", long 89°59'05", in NE1/4 sec.16, T.23 N., R.3 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030205, at culvert on county highway, 1.1 mi east of Cascilla. Drainage area is 1.64 mi^2.	1965-96	4-23-96	10.30	1,280	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, 1968-96	4-23-96	(b)	a6,900	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 SE1/4SW1/4 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, 1976-96	4-21-96	25.58	2,500	12-02-91	26.14	3,540
Tilda Bogue near Canton, MS (07289600)	Lat 32°39'15", long 90°00'05", in SW1/4 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.	1948-96	12-18-95	17.71	2,350	4-29-53	19.00	8,800
Clear Creek near Bovina, MS (07290005)	Lat 32°21'42", long 90°43'32", in SW1/4 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.	1953-96	12-18-95	21.48	3,320	4-13-69	30.03	21,000
	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, Claiborne 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‡, 1963-96	6-14-96	<14.62	<5,730	4-12-80	27.90	31,000
Little Creek near Fayette, MS (07290830)	Lat 31°40'30", long 91°04'10", in SE1/4 of irregular section 24, T.8 N., R.1 E., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, at culvert on State Highway 33, 2.0 mi south of Fayette. Drainage area is 1.71 mi^2.	1967-96	3-07-96	11.55	1,090	4-12-74	15.45	1,800

Annual maximum discharge at crest-stage partial-record stations during water year 1996

Station name and number	Location and drainage area	Period of record	Water year 1996 maximum			Period of record maximum		
			Date	Gage height (ft)	Discharge (ft^3/s)	Date	Gage height (ft)	Discharge (ft^3/s)
	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, Jefferson County, Hydrologic Unit 08060204, at bridge on county highway, 0.7 mi below confluence of North and South Forks of Coles Creek, and 10.0 mi northwest of Fayette. Drainage area is 257 mi^2.	1961-62‡, 1963-96	12-18-95	(b)	(†)	4-12-74	31.96	75,000
	HOMOCHITTO RIVER BASIN							
McCall Creek near Lucien (07291250)	Lat 31°30'24", long 90°38'45", in SW1/4 sec.6, T.6 N., R.6 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, at U.S. Highway 84, 0.8 mi east of Lucien. Drainage area is 60.8 mi^2.	1953, 1955-96	12-18-95	<82.36	<6,450	4-13-74	92.70	23,000
	THOMPSON CREEK BASIN							
Moores Branch near Woodville, MS (07373550)	Lat 31°05'20", long 91°14'30", in SE1/4SW1/4 sec.32, T.2 N., 1 W., Washington Meridian, R. Wilkinson County, Hydrologic Unit 08070201, at State Highway 24, 3.3 mi east of Woodville. Prior to Oct. 1, 1964, at datum 0.88 ft lower. Drainage area is 0.21 mi^2.	1955-96	12-18-95	5.67	191	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.

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 1996

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements Date	Measurements Discharge (ft^3/s)
		YAZOO RIVER BASIN				
07277520 Hickahala Creek near Independence, MS	Coldwater River	Lat 34°40'30", long 89°45'27", In SE1/4 sec. 6, T.5 S., R.5 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 305, 3.0 mi northeast of Looxahoma.	25.3	1995,	10-31-95 11-01-95	7.72 8.32
07277530 Hickahala Creek near Looxahoma, MS	Coldwater River	Lat 34°38'29", long 89°48'39", In NE1/4 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	1988-95	10-31-95 11-01-95	22.0 25.3
07277548 James Wolf Creek near Looxahoma, MS	Hickahala Creek	Lat 34°36'06", long 89°49'17", In SE1/4 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	1988-95	10-31-95 11-01-95	8.35 8.90
07277715 Senatobia Creek near Como, MS	Hickahala Creek	Lat 34°33'01", long 89°52'50", In NE1/4 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	1988-95	10-31-95 11-01-95	3.60 4.76

PASCAGOULA RIVER BASIN

02479343 PASCAGOULA RIVER AT MILE 8 NEAR ESCATAWPA, MS

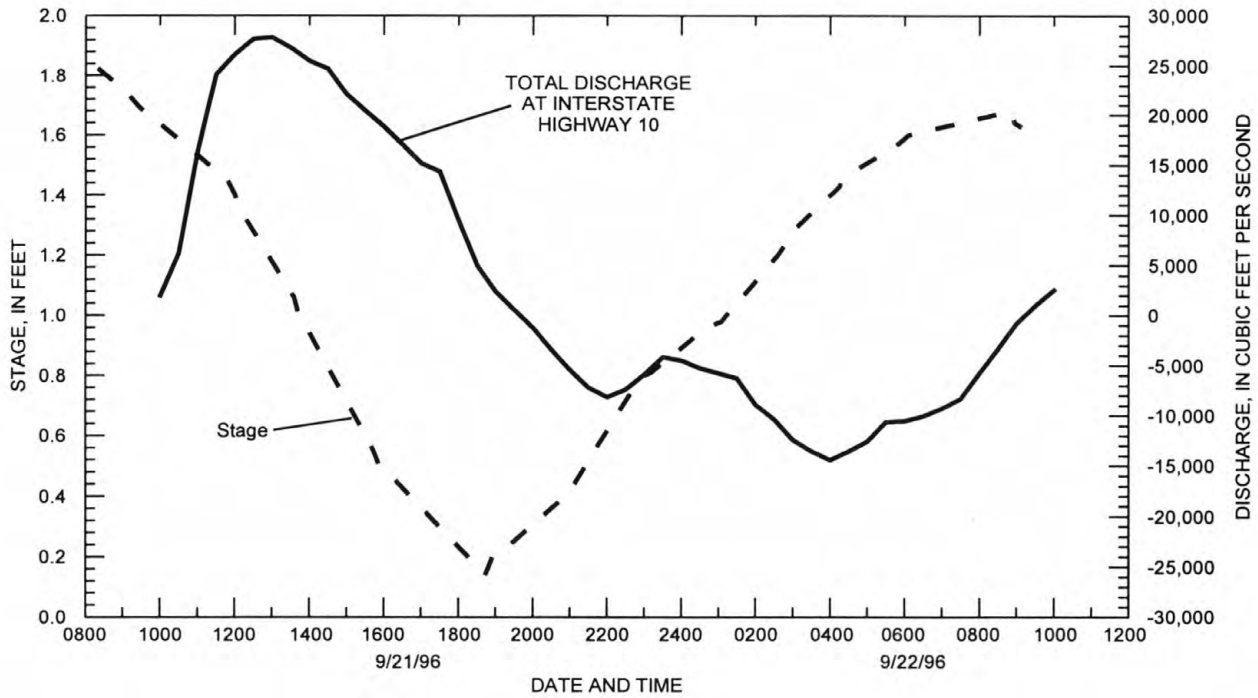
LOCATION.--Lat 30°26'17", long 88°33'28", in sec.14, T.7 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, at Interstate Highway 10, 1.5 mi southwest of Escatawpa, and at mile 8.0.

PERIOD OF STUDY.--September 21 at 0900 hours through September 22 at 0900 hours, 1996.

GAGE.--Temporary staff gage. Datum of gage was set at approximately sea level.

REMARKS.--Measurements of gage height and discharge were made approximately every 12 minutes for 24 hours during a tidal cycle. Discharge was also measured on the West Pascagoula River 0.6 mi downstream of Interstate Highway 10. The measured discharges were combined to determine total basin discharge (drainage area of 8,420 mi^2) at Interstate Highway 10.

EXTREMES FOR PERIOD OF STUDY.--
GAGE HEIGHT: Maximum, 1.8 ft, Sept. 21 at 0838 hours; minimum, 0.1 ft, Sept. 21 at 1843 hours; average, 1.0 ft.
DISCHARGE: Maximum, 27,800 ft^3/s, Sept. 21 at 1300 hours; minimum, -14,400 ft^3/s, Sept. 22 at 0400 hours; average, 2,580 ft^3/s.



JOURDAN RIVER BASIN

02481667 JOURDAN RIVER AT I-10 NEAR KILN, MS

LOCATION.--Lat 30°21'54", long 89°24'05", near middle of sec.9, T.8 S., R.14 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, at Interstate Highway 10, 3.9 mi southeast of Kiln, and at mile 4.5.

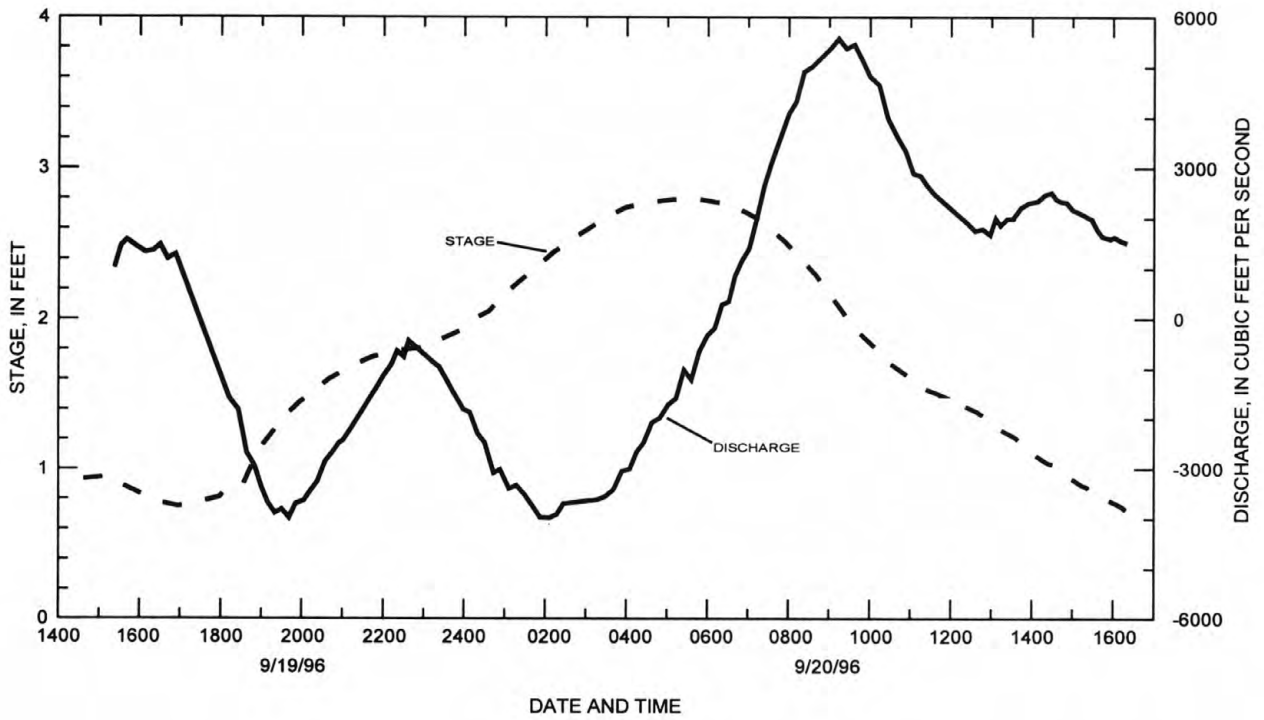
DRAINAGE AREA.--288 mi^2.

PERIOD OF STUDY.--September 19 at 1500 hours through September 20 at 1600 hours, 1996.

GAGE.--Temporary staff gage. Datum of gage was set at approximately sea level.

REMARKS.--Measurements of gage height and discharge were made approximately every 12 minutes through a complete 25-hour tidal cycle at a location approximately 0.2 mi downstream of Interstate Highway 10.

EXTREMES FOR PERIOD OF STUDY.--
GAGE HEIGHT: Maximum, 2.8 ft, Sept. 20 at 0530 hours; minimum, 0.7 ft, Sept. 19 at 1657 hours; average, 1.7 ft.
DISCHARGE: Maximum, 5,580 ft^3/s, Sept. 20 at 0914 hours; minimum, -3,980 ft^3/s, Sept. 19 at 1941 hours; average, 80 ft^3/s.



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 1995 TO SEPTEMBER 1996

MOBILE RIVER BASIN

02437500 TOMBIGBEE RIVER AT ABERDEEN, MS

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	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)
JAN					
18...	0855	2990	67	541	--
FEB					
22...	0845	3950	87	928	--
MAR					
19...	1500	14700	211	8370	--
APR					
03...	0915	3650	64	631	--
21...	1755	24700	464	30900	--
21...	2130	27200	522	38300	--
22...	0235	29600	552	44100	97
22...	0915	29100	437	34300	--
22...	1345	23100	310	19300	--

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)
APR									
22...	0235	55	65	73	80	90	97	99	100

02441400 TOMBIGBEE RIVER NEAR COLUMBUS, MS

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
JAN				
18...	1155	4640	55	689
FEB				
22...	1110	5170	82	1140
APR				
03...	1215	2930	57	450

Short-term water-quality studies were conducted on selected stream reaches and estuaries to collect water-quality data for use in hydrologic analyses. Data for estuary studies generally are collected once or twice daily at near high and near low tides.

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN

PASCAGOULA AND ESCATAWPA RIVERS STUDY

303048088355800 PASCAGOULA RIVER AT MILE 17

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0816	1.00	106	6.9	29.0	6.1
23...	0817	5.00	117	6.6	29.0	6.0
23...	0818	10.0	120	6.6	29.0	5.9
23...	0819	12.0	107	6.6	29.0	5.8

DATE	TIME	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
AUG			
23...	0815	K12	120

303044088353000 PASCAGOULA RIVER AT MILE 16

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0807	1.00	116	6.9	29.0	6.2
23...	0808	5.00	118	6.8	29.0	6.0
23...	0809	10.0	134	6.8	29.0	5.9
23...	0810	15.0	127	6.7	29.0	5.9
23...	0811	19.0	560	6.7	29.0	5.9
23...	1711	1.00	117	7.1	29.0	6.8
23...	1712	5.00	114	6.9	29.5	6.1
23...	1713	10.0	119	6.8	29.5	6.0
23...	1714	15.0	116	6.8	29.5	5.9

DATE	TIME	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
AUG			
23...	1710	K15	87

303018088351800 PASCAGOULA RIVER AT MILE 15

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0802	1.00	165	6.6	29.0	6.3
23...	0803	5.00	215	6.7	29.0	6.1
23...	0804	10.0	731	6.7	29.0	6.0
23...	0805	15.0	26600	6.7	28.5	3.3
23...	1702	1.00	412	7.2	29.0	6.6
23...	1703	5.00	483	7.0	29.5	6.0
23...	1704	10.0	660	7.0	29.5	5.9
23...	1705	13.0	1160	6.9	29.5	5.8

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302954088344000 PASCAGOULA RIVER AT MILE 14

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0756	1.00	640	7.1	29.0	6.0
23...	0757	5.00	730	7.0	29.0	5.8
23...	0758	10.0	32100	7.0	29.0	2.8
23...	0759	15.0	33400	7.2	28.5	0.6
23...	0800	18.0	33500	7.2	28.5	0.3
23...	1657	1.00	2250	7.2	29.5	5.9
23...	1658	5.00	2630	7.1	29.5	5.6
23...	1659	10.0	3080	7.0	29.5	5.6
23...	1700	13.0	3270	7.0	29.5	5.5

02479341 PASCAGOULA RIVER AT MILE 13 NEAR COLL TOWN, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0751	1.00	1270	7.2	29.0	6.0
23...	0752	5.00	1460	7.1	29.0	5.8
23...	0753	10.0	30800	7.0	29.0	3.8
23...	0754	13.0	35000	7.3	28.5	0.6
23...	1653	1.00	4990	7.3	29.5	5.5
23...	1654	5.00	5360	7.1	29.5	5.3
23...	1655	10.0	9740	7.1	29.5	4.6
23...	1656	13.0	31500	7.2	28.5	1.0

02479342 PASCAGOULA RIVER AT MILE 12 NEAR COLL TOWN, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0743	1.00	2430	7.2	28.5	6.0
23...	0744	5.00	19900	7.0	29.0	3.6
23...	0745	10.0	31800	7.2	29.0	1.3
23...	0746	15.0	33600	7.3	28.5	0.3
23...	0747	20.0	36300	7.4	28.5	0.2
23...	0748	25.0	36800	7.4	28.5	0.1
23...	0749	30.0	37500	7.5	28.5	0.1
23...	1646	1.00	5270	7.2	29.5	6.0
23...	1647	5.00	6050	7.1	29.5	5.6
23...	1648	10.0	33200	7.3	29.5	1.0
23...	1649	15.0	34200	7.3	28.0	0.3
23...	1650	20.0	35600	7.4	28.5	0.1
23...	1651	25.0	37000	7.4	28.5	0.1

302822088332500 PASCAGOULA RIVER AT MILE 11

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0738	1.00	5730	7.2	28.5	7.9
23...	0739	5.00	17200	7.1	29.0	4.5
23...	0740	10.0	34200	7.3	29.0	0.9
23...	0741	14.0	35300	7.3	28.5	0.2
23...	1640	1.00	4950	7.1	30.0	6.2
23...	1641	5.00	5380	7.1	29.5	5.8
23...	1642	10.0	26600	7.0	29.0	2.0
23...	1643	15.0	35000	7.3	28.5	0.3
23...	1644	17.0	37000	7.4	28.5	0.1

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302725088333700 PASCAGOULA RIVER AT MILE 10

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0732	1.00	5830	7.3	28.5	6.1
23...	0733	5.00	18400	7.2	29.5	4.5
23...	0734	10.0	30000	7.3	29.0	2.8
23...	0735	15.0	34700	7.4	29.0	0.8
23...	1635	1.00	4770	7.2	29.5	6.4
23...	1636	5.00	5350	7.1	29.5	5.8
23...	1637	10.0	30400	7.1	29.0	1.6
23...	1638	15.0	34500	7.3	28.5	0.3

302648088340600 PASCAGOULA RIVER AT MILE 9

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0725	1.00	6590	7.2	28.5	6.0
23...	0726	5.00	18900	7.0	29.0	4.5
23...	0727	10.0	31600	7.3	29.0	1.7
23...	0728	15.0	33500	7.4	29.0	1.5
23...	0729	20.0	34800	7.4	29.0	0.6
23...	0730	25.0	36800	7.5	29.0	0.2
23...	1625	1.00	4700	7.2	30.0	6.3
23...	1626	5.00	5760	7.1	30.0	6.2
23...	1627	10.0	30900	7.2	29.0	1.1
23...	1628	15.0	35000	7.3	29.0	0.4
23...	1629	20.0	35100	7.4	29.0	0.2
23...	1630	25.0	35200	7.4	29.0	0.1
23...	1631	28.0	35300	7.4	29.0	0.1

02479343 PASCAGOULA RIVER AT MILE 8 NEAR ESCATAWPA, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0716	1.00	6040	7.4	28.0	6.4
23...	0717	5.00	17700	7.2	29.0	5.2
23...	0718	10.0	33000	7.5	29.0	2.4
23...	0719	15.0	34200	7.6	29.0	1.4
23...	0720	20.0	34400	7.5	29.0	0.7
23...	1616	1.00	6500	7.1	30.0	6.3
23...	1617	5.00	10600	7.1	29.5	4.7
23...	1618	10.0	32000	7.2	29.0	1.7
23...	1619	15.0	33800	7.4	29.0	0.4
23...	1620	18.0	34000	7.4	29.0	0.3

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG											
23...	0715	1.0	200	240	<0.010	0.090	0.160	<0.20	0.060	0.050	20
23...	1615	--	140	190	<0.010	0.100	0.180	0.21	0.070	0.050	18

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302526088333600 PASCAGOULA RIVER AT MILE 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)
AUG						
23...	0710	1.00	9090	7.3	28.5	6.0
23...	0711	5.00	25400	7.4	28.5	5.1
23...	0712	10.0	33400	7.7	29.0	3.4
23...	0713	15.0	34900	7.7	29.0	2.2
23...	1610	1.00	8520	7.1	30.0	6.1
23...	1611	5.00	13200	7.2	29.5	5.1
23...	1612	10.0	29700	7.3	29.5	1.7
23...	1613	14.0	31900	7.3	29.0	0.9

02480180 ESCATAWPA RIVER AT MILE 13 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)
AUG						
23...	1031	1.00	40	6.5	27.0	6.8
23...	1032	5.00	40	6.3	27.0	6.3
23...	1033	10.0	42	6.2	27.0	6.2
23...	1034	15.0	44	6.1	27.0	6.2
23...	1035	20.0	40	6.0	27.0	6.2
23...	1036	22.0	47	6.6	27.0	6.2
23...	1910	1.00	--	--	--	--
23...	1911	5.00	46	6.1	27.5	6.3
23...	1912	10.0	38	5.8	27.5	6.2
23...	1913	15.0	39	5.8	27.5	6.2
23...	1914	20.0	45	5.8	27.5	6.1

DATE	TIME	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
AUG			
23...	1030	K62	*87
23...	1909	K55	130

302715088270700 ESCATAWPA RIVER AT MILE 12

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)
AUG						
23...	1022	1.00	388	6.4	27.0	6.0
23...	1023	5.00	755	6.3	27.0	5.9
23...	1024	10.0	2300	6.3	27.0	5.4
23...	1025	15.0	25300	6.5	27.5	2.2
23...	1905	1.00	650	6.3	28.0	6.2
23...	1906	5.00	684	6.2	28.0	5.9
23...	1907	10.0	1920	6.2	27.5	5.5

302628088271000 ESCATAWPA RIVER AT MILE 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)
AUG						
23...	1016	1.00	601	6.4	27.0	6.0
23...	1017	5.00	889	6.3	27.0	5.8
23...	1018	10.0	5770	6.3	27.0	4.5
23...	1019	15.0	28400	6.6	27.5	0.1
23...	1020	16.0	30000	6.8	27.5	0.2
23...	1900	1.00	852	6.5	27.5	6.0
23...	1901	5.00	1160	6.4	27.5	5.8
23...	1902	10.0	2760	6.3	27.5	5.4
23...	1903	14.0	19400	6.5	27.5	1.5

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480181 ESCATAWPA RIVER NEAR ORANGE GROVE, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	1010	1.00	920	6.6	27.0	6.2
23...	1011	5.00	1330	6.5	27.0	5.9
23...	1012	10.0	25400	6.6	27.5	3.6
23...	1013	15.0	30000	6.8	27.5	0.5
23...	1014	18.0	30400	6.8	27.5	0.3
23...	1855	1.00	1610	6.4	27.5	6.2
23...	1856	5.00	2100	6.3	27.5	5.8
23...	1857	10.0	2430	6.3	27.5	5.6
23...	1858	15.0	22700	6.5	27.5	1.0

02480182 ESCATAWPA RIVER AT MILE 10 NEAR MOSS POINT, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	1005	1.00	1770	6.7	27.0	6.1
23...	1006	5.00	2340	6.6	27.0	5.7
23...	1007	10.0	26000	6.7	27.5	2.3
23...	1008	15.0	30500	6.9	28.0	0.4
23...	1850	1.00	1970	6.6	28.0	6.4
23...	1851	5.00	2210	6.5	28.0	5.7
23...	1852	10.0	3280	6.5	28.0	5.5
23...	1853	14.0	28200	6.7	27.5	0.5

02480183 ESCATAWPA RIVER AT MILE 9 NEAR MOSS POINT, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	1000	1.00	2600	6.8	27.5	5.8
23...	1001	5.00	3900	6.7	27.5	5.4
23...	1002	10.0	26000	6.8	27.5	3.0
23...	1003	13.0	30200	7.0	28.0	0.5
23...	1845	1.00	3460	6.9	28.0	5.8
23...	1846	5.00	3920	6.6	28.0	5.2
23...	1847	10.0	5400	6.6	29.0	5.1
23...	1848	15.0	18900	6.8	28.0	2.6
23...	1849	18.0	30200	6.9	29.0	0.3

02480184 ESCATAWPA RIVER AT MILE 8 NEAR MOSS POINT, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0947	1.00	4290	7.0	27.5	5.6
23...	0948	5.00	4600	6.8	27.5	5.4
23...	0949	10.0	23200	6.9	28.0	3.1
23...	0950	15.0	32000	7.1	28.5	0.8
23...	0951	20.0	33100	7.2	28.0	0.2
23...	0952	25.0	34400	7.3	28.0	0.1
23...	0953	30.0	35500	7.3	28.0	0.1
23...	0954	35.0	36400	7.4	28.0	0.1
23...	0955	40.0	36700	7.4	28.0	0.1
23...	0956	45.0	36700	7.4	28.0	0.1
23...	0957	50.0	36800	7.4	28.0	0.1
23...	0958	52.0	37000	7.4	28.0	0.1
23...	1835	1.00	6400	6.8	28.0	5.8
23...	1836	5.00	6730	6.7	28.0	4.9
23...	1837	10.0	7480	6.5	28.0	4.4
23...	1838	15.0	25500	6.8	28.0	1.5
23...	1839	20.0	32800	7.0	28.0	0.3
23...	1840	25.0	34500	7.2	28.0	0.1
23...	1841	30.0	35300	7.3	28.0	0.1

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302541088290100 ESCATAWPA RIVER AT MILE 7

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0939	1.00	5930	6.9	27.5	5.6
23...	0940	5.00	14700	6.9	28.0	3.9
23...	0941	10.0	31000	7.2	28.5	1.4
23...	0942	15.0	34600	7.3	28.5	0.2
23...	0943	20.0	35900	7.3	28.5	0.1
23...	0944	25.0	34600	7.4	28.5	0.1
23...	0945	30.0	36000	7.4	28.5	0.1
23...	1826	1.00	8080	6.8	28.0	5.0
23...	1827	5.00	8170	6.7	28.0	4.7
23...	1828	10.0	10000	6.7	28.0	4.1
23...	1829	15.0	26200	6.9	28.0	1.3
23...	1830	20.0	30500	7.1	28.0	0.4
23...	1831	25.0	31000	7.2	28.0	0.2

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG									
23...	0938	0.6	<0.010	0.090	0.230	0.24	0.050	0.040	18
23...	1825	--	<0.010	0.140	0.120	0.26	<0.020	0.010	13

302512088292200 ESCATAWPA RIVER AT MILE 6

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0930	1.00	8000	7.1	27.5	6.2
23...	0931	5.00	19400	7.0	28.0	4.5
23...	0932	10.0	30900	7.3	28.5	0.6
23...	0933	15.0	33400	7.3	28.5	0.3
23...	0934	20.0	35300	7.4	28.5	0.1
23...	0935	25.0	35100	7.4	28.5	0.1
23...	0936	28.0	36000	7.4	28.5	0.1
23...	1820	1.00	9750	6.9	28.5	5.1
23...	1821	5.00	11600	6.9	28.5	4.4
23...	1822	10.0	13200	6.9	28.5	3.7
23...	1823	15.0	31900	7.1	28.5	0.8

302515088301300 ESCATAWPA RIVER AT MILE 5

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0923	1.00	8800	7.1	27.5	5.7
23...	0924	5.00	19100	7.1	28.5	3.6
23...	0925	10.0	31300	7.3	28.5	1.2
23...	0926	15.0	35000	7.4	29.0	0.2
23...	0927	18.0	36100	7.4	28.5	0.1
23...	1811	1.00	12000	7.1	28.5	5.1
23...	1812	5.00	12900	7.0	28.5	4.4
23...	1813	10.0	17400	7.0	28.5	3.3
23...	1814	15.0	31000	7.2	28.5	0.5

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG									
23...	0922	0.7	<0.010	0.100	0.180	<0.20	0.040	0.040	18
23...	1810	--	<0.010	0.130	0.130	<0.20	<0.020	0.020	15

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302528088304400 ESCATAWPA RIVER AT MILE 4

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0915	1.00	10400	7.1	27.5	5.2
23...	0916	5.00	21200	7.2	28.0	3.0
23...	0917	10.0	32000	7.4	29.0	0.9
23...	0918	15.0	35300	7.4	29.0	0.4
23...	0919	20.0	34800	7.5	28.5	0.1
23...	0920	25.0	36300	7.5	28.5	0.1
23...	1800	1.00	11600	7.2	29.0	5.6
23...	1801	5.00	13600	7.0	29.0	4.7
23...	1802	10.0	27600	7.1	28.5	1.7
23...	1803	15.0	33300	7.3	28.5	0.8
23...	1804	20.0	34000	7.4	28.5	0.5

302455088313100 ESCATAWPA RIVER AT MILE 3

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0908	1.00	18200	7.1	28.5	4.4
23...	0909	5.00	18600	7.2	28.5	2.6
23...	0910	10.0	33300	7.4	29.0	0.4
23...	0911	15.0	37000	7.5	29.0	0.1
23...	0912	19.0	37900	7.5	29.0	0.1
23...	1751	1.00	14500	7.1	29.5	4.3
23...	1752	5.00	15900	7.0	29.0	3.5
23...	1753	10.0	23000	7.1	29.0	1.4
23...	1754	15.0	31300	7.2	28.5	0.2

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG									
23...	0907	1.0	<0.010	0.080	0.240	<0.20	0.070	0.060	23
23...	1750	--	<0.010	0.100	0.190	<0.20	0.040	0.040	19

302459088320800 ESCATAWPA RIVER AT MILE 2

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0900	1.00	14600	7.3	28.0	5.6
23...	0901	5.00	24700	7.2	28.5	3.3
23...	0902	10.0	31900	7.4	29.0	1.1
23...	0903	15.0	35400	7.5	29.0	0.5
23...	0904	19.0	38000	7.5	29.0	0.2
23...	1744	1.00	14300	7.5	31.5	6.9
23...	1745	5.00	16200	7.2	30.5	4.5
23...	1746	10.0	26300	7.2	29.0	1.5
23...	1747	15.0	33500	7.4	29.0	0.3
23...	1748	18.0	35000	7.5	29.0	0.1

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480207 ESCATAWPA RIVER AT MOSS POINT, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0854	1.00	13600	7.3	28.0	5.7
23...	0855	5.00	23700	7.3	29.0	3.6
23...	0856	10.0	28300	7.5	29.0	2.2
23...	0857	15.0	34000	7.6	29.0	1.2
23...	0858	20.0	34900	7.6	29.0	0.5
23...	1739	1.00	14200	7.6	31.5	8.7
23...	1740	5.00	16500	7.2	30.0	4.8
23...	1741	10.0	26800	7.2	29.0	1.5
23...	1742	15.0	33900	7.5	29.0	0.1

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG											
23...	0853	1.0	96	83	<0.010	0.070	0.160	0.27	0.100	0.060	21
23...	1738	--	K45	K57	<0.010	0.090	0.110	0.50	0.040	0.030	19

DATE	TIME	TURBIDITY (NTU) (00076)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
AUG											
23...	1738	2.7	100	380	3100	110	750	5400	0.20	10200	17

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
AUG										
23...	1	0.5	<1	<1	3	3	0.10	1	<1	10

DATE	ACENAPHTHENE TOTAL (UG/L) (34205)	ACENAPHTHYLENE TOTAL (UG/L) (34200)	ANTHRACENE TOTAL (UG/L) (34220)	BENZIDINE TOTAL (UG/L) (39120)	BENZO A ANTHRACENE1,2-BENZANTHRACENE TOTAL (UG/L) (34526)	BENZO B FLUORANTHENE TOTAL (UG/L) (34230)	BENZO K FLUORANTHENE TOTAL (UG/L) (34242)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L) (34521)	BENZO-A-PYRENE TOTAL (UG/L) (34247)	4-BROMOPHENYL PHENYL ETHER TOTAL (UG/L) (34636)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L) (34292)	BIS (2-CHLOROETHOXY) METHANE TOTAL (UG/L) (34278)
AUG												
23...	<5.00	<5.00	<5.00	<40.0	<10.0	<10.0	<10.0	<10.0	<10.0	<5.00	<5.00	<5.00

DATE	BIS 2-CHLOROETHYL ETHER UNFLTRD RECOVER (UG/L) (34273)	BIS (2-CHLOROISOPROPYL) ETHER TOTAL (UG/L) (34283)	2-CHLORONAPHTHALENE TOTAL (UG/L) (34581)	4-CHLOROPHENYL PHENYL ETHER TOTAL (UG/L) (34641)	CHRYSENE TOTAL (UG/L) (34320)	1,2,5,6-DIBENZANTHRACENE TOTAL (UG/L) (34556)	BENZENE O-DICHLOROWATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DICHLOROWATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DICHLOROWATER UNFLTRD REC (UG/L) (34571)	3,3'-DICHLOROBENZIDINE TOTAL (UG/L) (34631)	DIETHYL PHTHALATE TOTAL (UG/L) (34336)	DIMETHYL PHTHALATE TOTAL (UG/L) (34341)
AUG												
23...	<5.00	<5.00	<5.00	<5.00	<10.0	<10.0	<5.00	<5.00	<5.00	<20.0	<5.00	<5.00

DATE	DI-N-BUTYL PHTHALATE TOTAL (UG/L) (39110)	2,4-DINITROTOLUENE TOTAL (UG/L) (34611)	2,6-DINITROTOLUENE TOTAL (UG/L) (34626)	DI-N-OCTYL PHTHALATE TOTAL (UG/L) (34596)	BIS(2-ETHYL HEXYL) PHTHALATE TOTAL (UG/L) (39100)	1,2-DIPHENYLHYDRAZINE WATER TOT.REC (UG/L) (82626)	FLUORANTHENE TOTAL (UG/L) (34376)	FLUORENE TOTAL (UG/L) (34381)	HEXACHLOROBENZENE TOTAL (UG/L) (39700)	HEXACHLOROBUTADIENE TOTAL (UG/L) (39702)	CYCLOPENTADIEN HEXACHLOROUNFLTRD RECOVER (UG/L) (34386)
AUG											
23...	<5.00	<5.00	<5.00	<10.0	22.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480207 ESCATAWPA RIVER AT MOSS POINT, MS--Continued

DATE	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (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)	BENZENE NITRO-WATER UNFLTRD RECOVER (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)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
AUG											
23...	<5.00	<10.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

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)
AUG											
23...	<5.00	<5.00	<5.00	<30.0	<20.0	<5.00	<30.0	<30.0	<30.0	<5.00	<20.0

02480208 ESCATAWPA RIVER AT MILE 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)
AUG						
23...	0845	1.00	11500	7.2	28.0	6.8
23...	0846	5.00	29800	7.4	28.5	3.0
23...	0847	10.0	39400	7.6	29.0	2.4
23...	0848	15.0	35300	7.7	29.0	2.3
23...	0849	20.0	35100	7.8	29.0	2.2
23...	0850	23.0	36200	7.8	29.0	2.2
23...	1730	1.00	12200	7.6	31.0	8.4
23...	1731	5.00	17200	7.3	30.0	5.1
23...	1732	10.0	31500	7.3	29.0	2.7
23...	1733	15.0	33200	7.4	29.0	0.5
23...	1734	20.0	33900	7.5	29.0	0.3
23...	1735	25.0	34500	7.5	29.0	0.2
23...	1736	29.0	34600	7.5	29.0	0.2

302507088342800 PASCAGOULA RIVER AT MILE 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)
AUG						
23...	0706	1.00	18000	7.4	28.5	5.5
23...	0707	5.00	30000	7.6	29.0	3.3
23...	0708	10.0	35800	7.7	29.0	2.0
23...	0709	12.0	35900	7.7	29.0	1.9
23...	1606	1.00	10800	7.0	30.5	6.5
23...	1607	5.00	27600	7.3	29.5	2.2
23...	1608	10.0	32200	7.4	29.5	1.4
23...	1609	15.0	32400	7.5	29.0	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)
AUG									
23...	0705	0.9	<0.010	0.060	0.090	<0.20	0.040	0.040	20
23...	1605	--	<0.010	0.050	0.170	<0.20	0.060	0.050	20

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

302430088350400 PASCAGOULA RIVER AT MILE 5

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0658	1.00	18200	7.6	28.0	6.2
23...	0659	5.00	30200	7.9	29.0	5.6
23...	0700	10.0	37000	8.0	29.0	4.5
23...	0701	14.0	36500	7.9	29.0	3.2
23...	1558	1.00	12500	7.4	30.5	7.2
23...	1559	5.00	29600	7.4	29.5	2.8
23...	1600	10.0	32500	7.5	29.0	1.4
23...	1601	13.0	32100	7.5	29.0	1.2

302345088343800 PASCAGOULA RIVER AT MILE 4

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0651	1.00	20400	7.6	28.0	6.2
23...	0652	5.00	29000	8.0	29.0	5.7
23...	0653	10.0	35500	8.1	29.0	5.6
23...	0654	15.0	36700	8.1	29.0	5.1
23...	0655	18.0	37700	8.1	29.0	4.6
23...	1551	1.00	15400	7.3	30.0	6.8
23...	1552	5.00	25000	7.4	29.5	3.5
23...	1553	10.0	31700	7.5	29.5	1.8
23...	1554	15.0	31900	7.6	29.0	1.4
23...	1555	20.0	32300	7.6	29.0	1.3

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG									
23...	0650	1.3	<0.010	0.030	0.070	0.34	0.040	0.050	23
23...	1550	--	<0.010	0.060	0.110	<0.20	0.050	0.040	20

302319088335400 PASCAGOULA RIVER AT MILE 3

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0640	1.00	24600	7.8	27.5	6.2
23...	0641	5.00	35400	8.1	29.0	5.8
23...	0642	10.0	36500	8.1	29.0	5.7
23...	0643	15.0	37800	8.1	29.0	5.3
23...	0644	20.0	37800	8.1	29.0	4.9
23...	0645	25.0	37800	8.1	29.0	4.6
23...	0646	30.0	38000	8.1	29.0	4.5
23...	0647	35.0	38000	8.1	29.0	4.4
23...	0648	40.0	38900	8.1	29.0	4.4
23...	1538	1.00	20000	7.6	30.0	6.1
23...	1539	5.00	20600	7.6	30.0	5.7
23...	1540	10.0	20400	7.6	30.0	5.6
23...	1541	15.0	29900	7.7	29.5	3.2
23...	1542	20.0	31600	7.7	29.5	2.8
23...	1543	25.0	32300	7.4	29.5	2.4
23...	1544	30.0	32600	7.8	29.5	2.3
23...	1545	35.0	32900	7.8	29.5	2.5
23...	1546	40.0	33300	7.8	29.5	2.7
23...	1547	45.0	33000	7.8	29.0	2.7
23...	1548	47.0	33300	7.8	29.0	2.7

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

02480210 PASCAGOULA RIVER AT HWY 90 AT PASCAGOULA, MS

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
AUG						
23...	0631	1.00	28900	8.0	28.0	6.7
23...	0632	5.00	35800	8.1	28.5	6.2
23...	0633	10.0	35700	8.2	29.0	6.3
23...	0634	15.0	37500	8.1	29.0	5.4
23...	0635	20.0	38200	8.0	29.0	4.3
23...	0636	25.0	41600	7.9	29.0	2.3
23...	0637	27.0	42300	7.9	29.0	1.6
23...	1531	1.00	23300	7.7	30.0	6.7
23...	1532	5.00	24900	7.7	30.0	5.9
23...	1533	10.0	25400	7.7	30.0	5.8
23...	1534	15.0	29600	7.8	30.0	4.7
23...	1535	20.0	34700	7.9	29.0	3.5
23...	1536	25.0	44200	7.9	29.0	1.5

DATE	TIME	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L) (00310)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	NITROGEN, NITRITE TOTAL (MG/L AS N) (00615)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG											
23...	0630	1.9	120	950	<0.010	<0.020	0.070	0.24	0.050	0.060	24
23...	1530	--	K38	83	<0.010	0.030	0.090	0.48	0.060	0.050	22

DATE	TIME	TURBIDITY (NTU) (00076)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (MG/L) (00530)
AUG											
23...	1530	6.0	210	640	5600	200	1300	9800	0.40	18700	22

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
AUG										
23...	2	1.2	<1	1	3	<1	<0.10	<1	<1	6

DATE	ACENAPHTHENE TOTAL (UG/L) (34205)	ACENAPHTHYLENE TOTAL (UG/L) (34200)	ANTHRACENE TOTAL (UG/L) (34220)	BENZIDINE TOTAL (UG/L) (39120)	BENZO A ANTHRACENE1,2-BENZANTHRACENE TOTAL (UG/L) (34526)	BENZO B FLUORANTHENE TOTAL (UG/L) (34230)	BENZO K FLUORANTHENE TOTAL (UG/L) (34242)	BENZOGHI PERYLENE1,12-BENZOPERYLENE TOTAL (UG/L) (34521)	BENZO-A-PYRENE TOTAL (UG/L) (34247)	4-BROMOPHENYL PHENYL ETHER TOTAL (UG/L) (34636)	N-BUTYL BENZYL PHTHALATE TOTAL (UG/L) (34292)	BIS (2-CHLOROETHOXY) METHANE TOTAL (UG/L) (34278)
AUG												
23...	<5.00	<5.00	<5.00	<40.0	<10.0	<10.0	<10.0	<10.0	<10.0	<5.00	<5.00	<5.00

DATE	BIS 2-CHLOROETHYL ETHER UNFLTRD RECOVER (UG/L) (34273)	BIS (2-CHLOROISOPROPYL) ETHER TOTAL (UG/L) (34283)	2-CHLORONAPHTHALENE TOTAL (UG/L) (34581)	4-CHLOROPHENYL PHENYL ETHER TOTAL (UG/L) (34641)	CHRYSENE TOTAL (UG/L) (34320)	1,2,5,6-DIBENZANTHRACENE TOTAL (UG/L) (34556)	BENZENE O-DICHLOROWATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DICHLOROWATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DICHLOROWATER UNFLTRD REC (UG/L) (34571)	3,3'-DICHLOROBENZIDINE TOTAL (UG/L) (34631)	DIETHYL PHTHALATE TOTAL (UG/L) (34336)	DIMETHYL PHTHALATE TOTAL (UG/L) (34341)
AUG												
23...	<5.00	<5.00	<5.00	<5.00	<10.0	<10.0	<5.00	<5.00	<5.00	<20.0	<5.00	<5.00

DATE	DI-N-BUTYL PHTHALATE TOTAL (UG/L) (39110)	2,4-DINITROTOLUENE TOTAL (UG/L) (34611)	2,6-DINITROTOLUENE TOTAL (UG/L) (34626)	DI-N-OCTYL PHTHALATE TOTAL (UG/L) (34596)	BIS(2-ETHYL HEXYL) PHTHALATE TOTAL (UG/L) (39100)	1,2-DIPHENYLHYDRAZINE WATER TOT.REC (UG/L) (82626)	FLUORANTHENE TOTAL (UG/L) (34376)	FLUORENE TOTAL (UG/L) (34381)	HEXACHLOROBENZENE TOTAL (UG/L) (39700)	HEXACHLOROBUTADIENE TOTAL (UG/L) (39702)	CYCLOPENTADIEN HEXACHLOROUNFLTRD RECOVER (UG/L) (34386)
AUG											
23...	<5.00	<5.00	<5.00	<10.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PASCAGOULA RIVER BASIN--Continued

PASCAGOULA AND ESCATAWPA RIVERS STUDY--Continued

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

DATE	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (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)	BENZENE NITRO-WATER UNFLTRD RECOVER (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)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
AUG											
23...	<5.00	<10.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

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)
AUG											
23...	<5.00	<5.00	<5.00	<30.0	<20.0	<5.00	<30.0	<30.0	<30.0	<5.00	<20.0

02480212 PASCAGOULA RIVER AT MILE 1 AT PASCAGOULA, 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)
AUG						
23...	0615	1.00	31800	8.1	28.0	6.4
23...	0616	5.00	36000	8.2	29.0	6.5
23...	0617	10.0	36400	8.2	29.0	6.4
23...	0618	15.0	36500	8.2	29.0	6.0
23...	0619	20.0	41900	8.0	29.0	3.3
23...	0620	25.0	43300	8.1	29.0	3.3
23...	0621	30.0	45300	7.9	28.5	0.8
23...	0622	35.0	48300	7.8	28.0	0.2
23...	0623	40.0	48500	7.8	27.5	0.1
23...	1515	1.00	24200	7.8	30.0	6.6
23...	1516	5.00	27300	7.9	29.5	5.8
23...	1517	10.0	29900	7.9	29.5	4.8
23...	1518	15.0	39500	7.9	29.0	3.5
23...	1519	20.0	44500	8.0	29.0	2.6
23...	1520	25.0	45600	7.9	29.0	1.6
23...	1521	30.0	46900	7.9	28.0	0.5
23...	1522	35.0	48000	7.8	28.0	0.3
23...	1523	39.0	48100	7.8	28.0	0.1

02480215 PASCAGOULA RIVER AT MILE 0 AT PASCAGOULA, 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)
AUG						
23...	0601	1.00	34300	8.0	28.5	5.8
23...	0602	5.00	35700	8.1	29.0	6.2
23...	0603	10.0	37000	8.1	29.0	5.9
23...	0604	15.0	38100	7.9	29.0	4.4
23...	0605	20.0	42700	7.9	29.0	2.2
23...	0606	25.0	44400	8.0	28.5	1.9
23...	0607	30.0	46100	7.9	28.5	0.5
23...	0608	35.0	47500	7.8	28.0	0.1
23...	0609	38.0	48200	7.8	28.0	0.1
23...	1501	1.00	26000	7.9	30.0	6.5
23...	1502	5.00	29300	7.9	29.5	5.6
23...	1503	10.0	35300	7.9	29.5	4.3
23...	1504	15.0	37700	8.0	29.0	3.7
23...	1505	20.0	40100	8.0	29.0	3.2
23...	1506	25.0	44600	8.1	29.0	3.9
23...	1507	30.0	46300	7.9	28.0	0.5
23...	1508	35.0	46900	7.8	28.0	0.1
23...	1509	38.0	48400	7.8	28.0	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)
AUG									
23...	0600	1.9	<0.010	<0.020	0.110	0.32	0.070	0.080	33
23...	1500	--	<0.010	<0.020	0.100	0.38	0.060	0.060	31

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

YAZOO RIVER BASIN

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 (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
31...	0600	7.7	60	6.3	15.0	7.2	K100	K88
31...	0900	7.7	58	6.4	15.0	7.9	--	--
31...	1200	7.8	57	6.3	16.0	8.6	K73	K45
31...	1500	7.8	66	6.3	17.0	9.2	--	--
31...	1800	7.8	54	6.7	17.5	8.0	K73	K84
31...	2100	7.8	58	6.4	17.0	8.0	--	--
31...	2400	7.9	59	6.5	17.0	7.6	K60	K85
NOV								
01...	0300	8.0	59	6.4	16.5	7.4	--	--
01...	0600	7.9	57	6.4	16.5	7.8	--	K72
01...	0900	8.1	57	6.4	17.0	7.4	--	--
01...	1200	8.1	58	6.4	17.0	8.2	K60	K80
01...	1500	8.3	58	6.4	17.5	8.5	--	--
01...	1800	8.2	59	6.5	17.5	8.7	480	560
01...	2100	8.2	59	6.5	17.5	7.6	--	--
01...	2400	8.2	60	6.5	17.5	8.5	140	160
02...	0300	8.2	60	6.6	17.0	7.4	--	--
02...	0600	8.6	59	6.4	17.0	6.8	3000	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, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT								
31...	<0.010	0.450	0.040	0.070	0.050	2.7	49	1.0
31...	<0.010	0.450	0.040	0.070	0.050	3.1	21	0.44
31...	<0.010	0.450	0.040	0.060	0.040	2.8	24	0.51
31...	<0.010	0.440	0.030	0.060	0.050	2.7	18	0.38
31...	<0.010	0.430	0.040	0.060	0.040	2.6	31	0.65
31...	<0.010	0.430	0.030	0.050	0.040	2.6	22	0.46
31...	<0.010	0.430	0.030	0.070	0.040	2.5	23	0.49
NOV								
01...	<0.010	0.430	0.030	0.050	0.050	2.3	28	0.60
01...	<0.010	0.430	0.020	0.050	0.040	2.3	23	0.49
01...	0.010	0.430	0.030	0.050	0.040	2.3	23	0.50
01...	<0.010	0.420	0.010	0.050	0.040	2.2	21	0.46
01...	0.010	0.410	0.010	0.060	0.050	2.5	20	0.45
01...	0.010	0.410	0.010	0.060	0.040	2.5	25	0.55
01...	0.010	0.400	0.010	0.050	0.040	2.5	19	0.42
01...	0.010	0.410	0.020	0.050	0.040	2.4	21	0.46
02...	0.010	0.410	0.020	0.050	0.040	2.4	24	0.53
02...	0.010	0.410	0.020	0.070	0.060	2.9	27	0.63

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

YAZOO RIVER BASIN--Continued

HICKAHALA CREEK BASIN STUDY--Continued

07277530 HICKAHALA 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 (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
31...	0630	23	58	6.4	15.0	8.4	180	150
31...	0930	22	54	6.6	15.5	8.8	--	--
31...	1230	22	53	6.5	17.5	9.0	140	K85
31...	1530	22	53	6.5	17.5	8.7	--	--
31...	1830	22	59	6.4	17.0	9.2	220	140
31...	2130	22	54	6.5	17.0	8.2	--	--
NOV								
01...	0030	22	53	6.6	17.0	8.4	160	100
01...	0330	22	53	6.5	17.0	7.9	--	--
01...	0630	22	63	6.6	16.5	7.8	--	K100
01...	0930	23	52	6.5	17.0	8.4	--	--
01...	1230	24	51	6.6	18.0	8.8	120	100
01...	1530	25	52	6.5	18.5	8.5	--	--
01...	1830	25	53	6.5	17.5	8.5	480	240
01...	2130	25	54	6.5	17.5	8.2	--	--
02...	0030	25	54	6.5	17.0	8.4	--	--
02...	0330	23	54	6.6	17.5	8.5	--	--
02...	0630	27	52	6.5	17.0	7.8	720	820

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								
31...	<0.010	0.410	0.020	0.070	0.040	2.2	29	1.8
31...	<0.010	0.400	0.010	0.060	0.040	2.0	19	1.1
31...	<0.010	0.380	0.010	0.040	0.040	1.3	20	1.2
31...	<0.010	0.360	0.010	0.040	0.040	1.3	14	0.83
31...	<0.010	0.360	0.010	0.040	0.040	1.3	--	--
31...	<0.010	0.380	0.010	0.040	0.040	1.2	23	1.4
NOV								
01...	<0.010	0.390	0.010	0.060	0.030	1.2	23	1.4
01...	<0.010	0.390	0.010	0.050	0.030	1.2	22	1.3
01...	<0.010	0.390	0.010	0.040	0.030	1.1	26	1.5
01...	<0.010	0.370	<0.010	0.070	0.030	1.1	17	1.1
01...	<0.010	0.360	<0.010	0.040	0.030	1.2	21	1.4
01...	<0.010	0.340	<0.010	0.040	0.030	1.3	25	1.7
01...	0.010	0.340	0.010	0.160	0.040	1.3	30	2.0
01...	0.010	0.350	0.010	0.040	0.040	1.2	58	3.9
02...	<0.010	0.370	0.010	0.040	0.030	1.2	31	2.1
02...	<0.010	0.380	0.010	0.040	0.040	1.2	33	2.0
02...	0.010	0.360	0.010	0.040	0.040	1.3	30	2.2

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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 (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
31...	0700	8.3	87	6.6	15.0	8.2	140	140
31...	1000	8.4	85	6.7	14.5	8.6	--	--
31...	1300	8.6	82	6.6	16.0	9.8	100	K48
31...	1600	8.4	82	6.7	17.0	11.2	--	--
31...	1900	8.3	82	6.9	17.5	10.2	170	K40
31...	2200	8.3	82	6.7	17.0	9.8	--	--
NOV								
01...	0100	8.4	82	6.8	16.5	8.4	--	K56
01...	0400	8.1	82	6.7	16.5	8.0	--	--
01...	0700	8.4	83	7.1	16.5	8.0	--	K80
01...	1000	8.4	79	6.7	17.0	8.3	--	--
01...	1300	8.1	79	6.7	17.5	8.8	220	120
01...	1600	8.4	76	6.8	18.0	9.8	--	--
01...	1900	9.1	79	6.7	17.5	9.4	460	140
01...	2200	9.0	80	7.0	18.0	8.8	--	--
02...	0100	8.9	80	6.9	17.5	8.2	300	110
02...	0400	8.4	79	6.9	17.5	8.6	--	--
02...	0700	9.3	76	6.9	17.5	7.5	580	320

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								
31...	0.010	0.460	0.050	0.050	0.030	2.5	--	--
31...	0.010	0.450	0.040	0.030	0.030	2.4	26	0.59
31...	<0.010	0.420	0.020	0.020	0.020	2.3	23	0.53
31...	<0.010	0.350	0.010	0.070	0.020	2.4	23	0.52
31...	0.010	0.340	0.010	0.030	0.020	2.8	18	0.40
31...	<0.010	0.340	0.020	0.020	0.030	2.9	28	0.63
NOV								
01...	0.010	0.370	0.020	0.040	0.030	3.2	24	0.54
01...	0.010	0.390	0.030	0.030	0.030	3.0	30	0.66
01...	0.010	0.400	0.030	0.040	0.030	2.9	28	0.64
01...	0.010	0.390	0.020	0.030	0.030	2.6	27	0.61
01...	0.010	0.380	0.010	0.030	0.020	2.9	23	0.50
01...	0.010	0.330	<0.010	0.030	0.020	2.5	24	0.54
01...	0.010	0.330	0.010	0.030	0.020	2.5	20	0.49
01...	0.010	0.340	0.010	0.030	0.020	2.5	26	0.63
02...	0.010	0.370	0.010	0.040	0.020	2.6	28	0.67
02...	0.010	0.390	0.010	0.040	0.030	2.6	29	0.66
02...	0.010	0.410	0.020	0.040	0.030	2.6	33	0.83

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

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, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT								
31...	0600	3.6	96	6.3	14.0	7.6	280	540
31...	0900	3.6	96	6.4	15.5	8.6	--	--
31...	1200	3.6	93	6.4	17.0	9.5	160	100
31...	1500	3.6	94	6.4	18.0	8.9	--	--
31...	1800	3.6	95	6.4	17.5	8.1	K1500	2600
31...	2100	3.6	95	6.4	17.0	8.4	--	--
31...	2400	3.6	96	6.4	17.0	8.5	180	230
NOV								
01...	0300	3.6	96	6.3	17.0	8.4	--	--
01...	0600	3.7	95	6.3	16.5	7.5	--	620
01...	0900	3.7	94	6.4	17.0	8.3	--	--
01...	1200	3.7	95	6.3	18.0	9.2	160	320
01...	1500	4.8	95	6.3	18.5	7.9	--	--
01...	1800	4.8	98	6.3	18.0	8.4	K370	340
01...	2100	4.8	99	6.3	18.0	6.5	--	--
01...	2400	4.8	97	6.3	17.5	7.0	140	320
02...	0300	4.8	96	6.3	17.0	8.3	--	--
02...	0600	5.8	94	6.3	17.0	7.0	3100	4200

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								
31...	0.010	2.70	0.010	0.030	0.040	1.5	32	0.31
31...	0.010	2.60	0.020	0.020	0.040	1.5	17	0.17
31...	0.010	2.60	0.010	0.020	0.040	1.6	17	0.17
31...	0.010	2.50	0.010	0.020	0.040	1.7	18	0.17
31...	0.010	2.50	0.010	0.020	0.040	1.7	16	0.16
31...	0.010	2.60	0.010	0.020	0.040	1.8	15	0.15
31...	0.010	2.60	0.020	0.020	0.040	1.7	25	0.24
NOV								
01...	0.010	2.60	0.020	0.040	0.040	1.8	12	0.12
01...	0.020	2.60	0.020	0.020	0.040	1.7	27	0.27
01...	0.010	2.60	0.010	0.020	0.040	1.7	15	0.15
01...	0.010	2.50	0.010	0.020	0.040	1.8	16	0.16
01...	0.010	2.50	<0.010	0.020	0.040	2.0	13	0.17
01...	0.010	2.50	0.010	0.020	0.040	2.1	11	0.14
01...	0.010	2.60	<0.010	<0.020	0.040	2.1	20	0.26
01...	0.010	2.50	0.010	<0.020	0.040	2.2	16	0.21
02...	0.010	2.40	0.010	0.030	0.040	2.2	21	0.27
02...	0.020	2.30	0.010	0.040	0.030	2.8	19	0.30

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY

07026040 OBION RIVER AT HWY 51 NEAR OBION, TN

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)
SEP 1995						
22...	1030	778	81	6.5	18.0	8.2
FEB 1996						
27...	1700	1790	91	6.5	16.5	6.8
MAY						
21...	1655	--	109	6.9	26.0	8.2
AUG						
13...	1555	--	82	6.5	25.5	7.5

BED SEDIMENT DATA

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
SEP 1995												
22...	0.39	0.30	0.74	1.4	<0.05	0.06	4.6	0.3	7.3	530	1	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
SEP 1995												
22...	0.2	70	38	11	12	<2	8	<8	<4	2.0	35	14

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
SEP 1995												
22...	20	1200	0.03	<2	30	17	<4	6	0.3	0.2	100	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
SEP 1995												
22...	8	<10	0.330	3.7	56	2	21	52	0.82	8.00	0.03	0.200

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
SEP 1995												
22...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
SEP 1995												
22...	<1.00	<2.00	<2.00	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL- SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
SEP 1995												
22...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	<50	<50	<50	E25	<50

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07026040 OBION RIVER AT HWY 51 NEAR OBION, TN--Continued

BED SEDIMENT DATA--Continued

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)
SEP 1995												
22...	<50	E37	<50	E49	E27	<50	E28	<50	<50	64	<50	E45

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)
SEP 1995												
22...	<50	<50	<50	<50	<50	E30	430	<50	<50	62	<50	<50

DATE	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
SEP 1995												
22...	<50	E22	<50	<50	<50	<50	<50	<50	<50	<50	<50.0	E43

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)
SEP 1995												
22...	<50	E11.0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
SEP 1995											
22...	<50	<50	<50	<50	E19	<50	E33	E40	<50	<50	<50

FISH LIVER DATA

DATE	ALUMI-NUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTI-MONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYL-LIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROM-IUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
SEP 1995											
22...	9.2	<0.1	0.4	0.1	<0.1	0.8	4.2	<0.5	0.2	62	770

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGAN-ESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYB-DENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELEN-IUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRON-TIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANA-DIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
SEP 1995											
22...	<0.1	7.5	0.6	1.4	<0.1	7.6	0.7	0.4	<0.1	2.0	350

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
SEP 1995										
22...	150	<5.00	5.40	<5.00	<5.00	6.40	<5.00	<5.00	<5.00	<5.00

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07026040 OBION RIVER AT HWY 51 NEAR OBION, TN--Continued

FISH TISSUE DATA--Continued

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIELDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTACHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
SEP 1995										
22...	E10.0	<5.00	36.0	<5.00	<5.00	5.30	<5.00	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXYCHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXYCHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXAPHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXACHLORO- BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
SEP 1995									
22...	6.10	<5.00	<5.00	<5.00	<5.00	9.80	<200	<5.00	<5.00

07029500 HATCHIE RIVER AT BOLIVAR, TN

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
OCT 1995						
17...	1230	307	68	6.4	18.0	8.7
FEB 1996						
28...	0910	3590	64	6.5	12.5	6.8
MAY						
22...	0820	597	71	6.3	24.5	5.9
AUG						
14...	0830	421	74	6.2	24.5	6.3

07030050 HATCHIE RIVER AT RIALTO, TN

DATE	TIME
OCT 1995	
17...	1215

BED SEDIMENT DATA

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUMINUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
OCT 1995												
17...	0.38	0.37	0.72	1.5	<0.05	0.06	5.0	0.7	8.8	600	1	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
OCT 1995												
17...	0.1	64	44	11	13	<2	10	<8	<4	2.5	29	15

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)
OCT 1995												
17...	20	960	0.03	<2	26	22	5	7	0.2	0.1	110	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITANIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANADIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTERBIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PERCENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PERCENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
OCT 1995												
17...	12	<10	0.290	3.6	66	2	17	57	0.65	6.50	0.01	<0.100

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07030050 HATCHIE RIVER AT RIALTO, TN--Continued

BED SEDIMENT DATA--Continued

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
OCT 1995												
17...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
OCT 1995												
17...	<1.00	<2.00	<2.00	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL- SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
OCT 1995												
17...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	E8.0	E15	<50	<50	E12	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL- SED, BM WS,<2MM DW, REC (UG/KG) (49427)
OCT 1995												
17...	<50	E35	<50	E43	E21	<50	<50	<50	<50	100	<50	61

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO- SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49441)
OCT 1995												
17...	<50	<50	<50	<50	<50	E23	260	<50	<5.0	60	<50	<50

DATE	BENZENE P-DI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL- SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
OCT 1995												
17...	<50	E24	<50	<50	E13	<50	<50	<50	<50	<50	<50.0	E34

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL- SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)
OCT 1995												
17...	<5.0	<50.0	<50	<50	<50	<50	<50	<50	<50	E20	E13	<50

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
OCT 1995											
17...	<50	<50	<50	<50	E10	<50	E11	E36	<50	<50	<50

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07030050 HATCHIE RIVER AT RIALTO, TN--Continued

FISH LIVER DATA

DATE	ALUMINUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTIMONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYLLIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROMIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
OCT 1995											
17...	23	<0.2	0.3	0.2	<0.2	0.5	2.8	0.6	0.3	93	660

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGANESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYBDENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELENIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRONTIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANADIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
OCT 1995											
17...	<0.2	10	0.8	1.1	<0.2	5.6	0.6	0.6	<0.2	2.6	790

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
OCT 1995										
17...	320	<5.00	<5.00	<9.00	<5.00	15.0	<5.00	10.0	<7.00	<16.0

DATE	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIELDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTACHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
OCT 1995									
17...	<6.00	220	<6.00	5.50	27.0	<43.0	<6.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXYCHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXYCHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXAPHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXACHLORO- BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
OCT 1995									
17...	14.0	<9.00	<5.00	<5.00	11.0	25.0	<200	<5.00	<22.0

07030392 WOLF RIVER AT LAGRANGE, TN

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)	SEDIMENT, SUSPENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 1995								
19...	1430	74	33	5.8	16.5	8.8	--	--
JAN 1996								
24...	1045	650	31	6.3	8.0	10.1	365	73
FEB								
12...	1500	231	34	6.4	8.0	7.4	17	96
28...	1020	267	37	6.2	14.0	8.5	--	--
MAR								
11...	1230	230	35	6.8	7.0	11.0	22	69
APR								
08...	1430	203	37	6.6	13.5	9.9	24	80
MAY								
06...	1400	128	44	6.8	21.5	7.6	31	84
22...	0905	108	41	6.0	21.5	7.1	--	--
JUN								
18...	0740	103	42	6.7	23.0	6.7	33	83
JUL								
24...	1320	82	41	6.7	24.0	7.6	18	87
AUG								
14...	0930	77	38	5.9	20.5	7.7	--	--
19...	1530	74	40	6.4	23.5	9.9	3	75
SEP								
05...	1210	773	33	6.3	22.0	5.0	69	83
17...	0710	177	40	6.7	20.0	7.1	36	95

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07030392 WOLF RIVER AT LAGRANGE, TN--Continued

DATE	TIME	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	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 CACO3 (39086)
FEB 1996									
12...	1500	49	62	1.8	0.84	2.4	1.0	9	7
MAR									
11...	1230	K33	K39	2.0	0.94	2.3	1.0	11	9
APR									
08...	1430	--	--	2.2	1.0	2.3	1.0	13	11
MAY									
06...	1400	83	--	3.0	1.4	2.5	1.0	24	20
JUN									
18...	0740	--	--	3.1	1.3	2.4	0.90	20	17
JUL									
24...	1320	--	--	2.6	1.2	2.6	1.0	28	24
AUG									
19...	1530	--	--	2.6	1.1	2.7	1.0	16	14
SEP									
05...	1210	--	--	2.1	0.84	1.5	1.9	9	8
17...	0710	--	--	2.7	1.2	2.2	1.5	17	15

DATE	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)	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)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
FEB 1996									
12...	1.8	2.2	<0.10	7.4	25	<0.010	0.120	<0.015	<0.20
MAR									
11...	1.9	2.2	<0.10	7.9	28	<0.010	0.160	0.020	0.30
APR									
08...	1.4	2.1	<0.10	7.1	26	0.010	0.170	0.030	0.30
MAY									
06...	0.80	2.0	<0.10	9.0	31	<0.010	0.220	0.050	0.30
JUN									
18...	0.60	2.0	<0.10	11	34	<0.010	0.330	0.050	0.30
JUL									
24...	0.30	2.5	<0.10	12	39	0.010	0.280	0.060	0.30
AUG									
19...	0.60	2.4	<0.10	11	35	<0.010	0.350	<0.015	<0.20
SEP									
05...	3.0	1.5	<0.10	7.6	37	<0.010	0.060	<0.020	0.50
17...	0.80	2.2	<0.10	9.7	28	<0.010	0.210	0.030	0.40

DATE	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	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) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)
FEB 1996								
12...	<0.20	<0.010	<0.010	0.010	400	63	2.2	0.70
MAR								
11...	<0.20	0.040	<0.010	0.010	430	73	3.6	0.90
APR								
08...	<0.20	0.030	<0.010	<0.010	400	89	2.3	0.70
MAY								
06...	0.30	0.050	0.020	0.020	930	170	2.8	0.50
JUN								
18...	<0.20	0.030	<0.010	0.010	770	150	2.3	0.40
JUL								
24...	<0.20	0.010	<0.010	0.020	280	170	1.5	0.40
AUG								
19...	<0.20	0.010	0.010	0.010	350	130	1.4	0.30
SEP								
05...	0.40	0.090	0.020	0.020	230	110	9.8	1.9
17...	<0.20	0.060	<0.010	0.010	75	93	3.2	1.2

BED SEDIMENT DATA

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
OCT 1995												
19...	0.19	0.26	0.44	1.3	<0.05	0.06	4.7	0.7	10	600	1	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
OCT 1995												
19...	0.1	83	46	13	12	<2	10	<8	<4	2.7	40	14

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07030392 WOLF RIVER AT LAGRANGE, TN--Continued

BED SEDIMENT DATA--Continued

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
OCT 1995 19...	20	3100	0.03	<2	35	19	9	7	0.3	0.1	84	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
OCT 1995 19...	10	<10	0.340	4.1	61	2	22	50	1.17	12.0	0.02	<0.100

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
OCT 1995 19...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	<1.00	<1.00	<1.00

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
OCT 1995 19...	1.80	<2.00	<2.00	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
OCT 1995 19...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	E14	<50	<50	E10	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)
OCT 1995 19...	<50	E30	<50	E39	E17	<50	E36	<50	<50	56	<50	57

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)
OCT 1995 19...	<50	<50	<50	<50	<50	E16	E33	<50	<50	68	<50	<50

DATE	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
OCT 1995 19...	<50	E21	<50	<50	E12	<50	E11	<50	<50	<50	<50.0	E29

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07030392 WOLF RIVER AT LAGRANGE, TN--Continued

BED SEDIMENT DATA--Continued

DATE	9H-FLUORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXACHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHORONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISOQUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRACENE,2-METHYL- SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLUORENE,1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENANTHRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPENPHENANTHRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTHALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49444)
OCT 1995 19...	<50	<50.0	<50	<50	<50	<50	<50	<50	<50	E18	<50	<50

DATE	DPROPYLAMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYLAMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTACHLOROANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENANTHRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENANTHRIDINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRICHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHALENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
OCT 1995 19...	<50	<50	<50	<50	E6.0	<50	E9.0	E28	<50	<50	<50

FISH LIVER DATA

DATE	ALUMINUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTIMONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYLLIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROMIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
OCT 1995 19...	2.9	<0.2	<0.2	0.6	<0.2	0.6	0.7	0.8	1.3	6.8	350

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGANESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYBDENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELENIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRONTIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANADIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
OCT 1995 19...	<0.2	4.2	0.8	0.6	3.5	6.3	<0.2	10	<0.2	0.7	76

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
OCT 1995 19...	<50.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIELDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTACHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
OCT 1995 19...	42.0	<5.00	250	<5.00	40.0	<5.00	<5.00	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXYCHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXYCHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXAPHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXACHLORO- BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTACHLOROANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
OCT 1995 19...	4.40	<5.00	<5.00	<5.00	<5.00	5.10	<200	<5.00	<5.00

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07031650 WOLF RIVER AT GERMANTOWN, TN

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)
FEB 1996						
28...	1215	1100	55	6.5	14.0	6.9
MAY						
22...	1010	367	59	6.4	23.5	7.1
AUG						
14...	1230	353	51	6.3	24.5	7.8

07031692 FLETCHER CREEK AT SYCAMORE VIEW ROAD AT MEMPHIS, TN

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)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
FEB 1996								
28...	1300	--	95	7.2	12.0	7.6	--	--
APR								
17...	1650	5.2	132	7.4	17.0	8.1	99	97
MAY								
09...	1730	25	111	6.9	25.5	7.6	119	98
22...	1115	0.26	189	7.3	25.5	5.6	--	--
JUN								
26...	2000	2.2	190	7.6	30.5	7.0	114	94
JUL								
25...	0730	21	87	6.7	24.5	6.3	719	99
AUG								
14...	1305	19	147	6.7	27.5	3.8	--	--
27...	1645	1.7	159	6.8	26.0	3.5	45	92
SEP								
10...	0745	0.79	135	6.8	25.0	4.3	159	100

DATE	TIME	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 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)
APR 1996												
17...	1650	13	3.0	6.8	3.1	48	39	10	5.8	0.20	6.0	80
MAY												
09...	1730	11	2.5	4.7	3.1	39	32	8.6	4.3	0.20	7.8	73
JUN												
26...	2000	18	3.6	11	4.2	69	57	9.6	12	0.30	8.4	110
JUL												
25...	0730	7.5	2.1	3.6	3.3	29	24	5.8	2.9	0.30	5.8	70
AUG												
27...	1645	17	3.0	7.2	3.9	65	53	8.4	6.9	0.30	5.2	102
SEP												
10...	0745	15	3.2	5.0	3.9	58	48	8.1	5.4	0.30	7.7	83

DATE	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)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	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) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)
APR 1996												
17...	0.060	0.620	0.130	1.4	0.90	0.280	0.050	0.050	460	23	5.8	4.1
MAY												
09...	0.060	1.00	0.140	1.4	0.80	0.390	0.120	0.120	140	27	9.6	>5.0
JUN												
26...	0.030	0.100	0.020	1.5	0.50	0.280	0.050	0.050	8.0	71	6.0	4.0
JUL												
25...	0.040	0.720	0.210	1.9	0.70	0.790	0.080	0.120	7.0	170	6.3	5.2
AUG												
27...	0.040	0.350	0.090	1.0	0.70	0.160	0.070	0.080	14	75	7.9	--
SEP												
10...	0.030	0.190	0.080	1.4	0.40	0.320	0.030	0.040	18	68	5.7	4.9

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07279950 COLDWATER RIVER AT MARKS, 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)
FEB 1996					
27...	1200	84	6.3	15.5	9.1
MAY					
22...	1400	141	7.3	26.5	6.5
AUG					
15...	1015	166	6.7	27.5	7.1

07280900 CASSIDY BAYOU AT WEBB, 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)
OCT 1995					
16...	1400	396	8.8	20.0	11.3
FEB 1996					
27...	1705	102	7.3	20.5	7.3
MAY					
23...	0845	95	6.7	25.5	5.1
JUN					
20...	1125	60	6.0	28.0	3.3
JUL					
18...	1300	308	8.1	31.5	9.4
AUG					
15...	1530	136	8.1	31.0	10.2

BED SEDIMENT DATA

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
OCT 1995												
16...	0.73	1.1	0.43	2.0	<0.05	0.13	8.7	1.0	24	830	3	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
OCT 1995												
16...	0.4	81	87	16	41	<2	20	<8	<4	4.2	40	21

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
OCT 1995												
16...	50	890	0.06	<2	34	40	19	15	0.6	0.3	130	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
OCT 1995												
16...	13	<10	0.360	3.4	150	2	23	140	1.47	15.0	0.02	<0.100

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
OCT 1995												
16...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	2.20	40.0	<1.00

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07280900 CASSIDY BAYOU AT WEBB, MS--Continued

BED SEDIMENT DATA--Continued

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
OCT 1995 16...	53.0	3.20	9.50	1.80	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
OCT 1995 16...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	E16	<50	<50	E11	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)
OCT 1995 16...	<50	E35	<50	E47	E21	<50	E40	E37	<50	100	<50	60

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)
OCT 1995 16...	E21	<50	<50	<50	<50	E21	110	<50	<50	78	<50	<50

DATE	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
OCT 1995 16...	<50	E24	<50	<50	64	<50	<50	<50	<50	<50	<50.0	E28

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)
OCT 1995 16...	<50	<50.0	<50	<50	<50	<50	<50	<50	<50	<50	E14	<50

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	PHENOL, 246TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49415)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
OCT 1995 16...	<50	<50	<50	<50	E7.0	<50	E23	E34	<50	<50	E110	<50

FISH LIVER DATA

DATE	ALUMI-NUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTI-MONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYL-LIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROM-IUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
OCT 1995 16...	73	<0.2	1.8	0.6	<0.2	0.8	6.4	0.5	0.3	97	880

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07280900 CASSIDY BAYOU AT WEBB, MS--Continued

FISH LIVER DATA--Continued

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGAN-ESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYB-DENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELEN-IUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRON-TIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANA-DIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
OCT 1995											
16...	0.4	7.0	0.5	1.4	0.2	8.8	0.6	0.4	<0.2	4.7	560

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
OCT 1995										
16...	76.0	<5.00	<5.00	<5.00	<5.00	<50.0	<5.00	<50.0	<5.00	130

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
OCT 1995										
16...	E2000	<50.0	E7300	<5.00	64.0	<50.0	<50.0	<5.00	<5.00	<6.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
OCT 1995									
16...	8.40	<50.0	<50.0	<5.00	<5.00	<50.0	2000	<5.00	<5.00

07287000 YAZOO RIVER AT GREENWOOD, 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)
MAY 1995					
17...	1035	115	6.9	25.0	6.1
AUG					
09...	1635	121	7.1	30.5	5.2
FEB 1996					
28...	1130	98	5.7	15.0	9.5
MAY					
21...	1555	160	7.1	29.0	6.3
AUG					
14...	0830	95	6.7	27.5	6.6

07287195 BEAR CREEK NEAR MORGAN CITY, 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)
MAY 1995					
17...	1720	68	7.0	28.0	6.4
FEB 1996					
28...	1615	115	--	14.5	7.0
MAY					
21...	1230	74	6.7	28.5	5.4
AUG					
14...	1200	84	6.8	27.0	4.0

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LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07287240 BEAR CREEK AT SWIFTOWN, 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)
MAY 1995					
15...	1400	86	7.3	28.5	8.5
AUG					
09...	1505	127	7.6	33.0	7.4
FEB 1996					
28...	1645	135	--	11.5	10.4
MAY					
21...	1200	134	7.3	27.0	8.1
AUG					
14...	1245	1	6.7	24.0	9.0

07287260 WASP LAKE NEAR BELZONI, 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)
MAY 1995					
15...	1445	68	6.8	29.5	7.4
AUG					
10...	0740	87	7.4	30.0	6.3
FEB 1996					
28...	1725	87	--	14.5	9.8
MAY					
21...	1130	94	7.2	28.0	6.7
AUG					
13...	1500	93	7.5	29.0	7.6

07287505 BROAD LAKE TRIBUTARY NO 1 NEAR YAZOO CITY, 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)
MAY 1995					
15...	1025	82	6.6	26.5	4.1
AUG					
14...	1345	96	7.4	32.0	6.8
MAR 1996					
01...	1120	71	6.8	8.5	71.9
MAY					
22...	0820	103	6.9	28.0	14.7
AUG					
13...	1100	81	7.4	28.0	7.5

07288000 BIG SUNFLOWER RIVER AT CLARKSDALE, 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)
MAY 1995					
18...	0945	250	7.0	25.0	3.5
JUN					
20...	1515	328	7.2	28.5	4.0
AUG					
08...	1845	367	7.6	32.5	--
FEB 1996					
27...	1350	280	7.0	19.0	3.7
MAY					
22...	1600	170	7.0	28.0	--
AUG					
15...	1215	263	7.1	28.5	8.3

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288500 BIG SUNFLOWER RIVER AT SUNFLOWER, 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)
MAY 1995					
17...	1210	250	7.1	28.0	4.7
AUG					
09...	1240	497	8.0	31.5	3.4
FEB 1996					
28...	1015	195	7.3	15.0	8.1
MAY					
23...	1030	268	7.3	28.5	4.6
AUG					
16...	0900	463	8.0	28.0	9.0

07288570 QUIVER RIVER NEAR DODDSVILLE, 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)
MAY 1995					
17...	1815	212	6.9	27.5	5.7
AUG					
09...	1010	453	7.8	30.5	3.2
FEB 1996					
28...	1230	123	--	14.0	8.8
MAY					
21...	1415	226	7.1	30.5	4.6
JUL					
18...	1100	413	7.5	29.5	5.3
AUG					
14...	1110	437	7.8	26.5	6.0

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
JUL 1996										
18...	62.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
JUL 1996										
18...	E600	<5.00	E3100	<5.00	<10.0	<11.0	<5.00	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
JUL 1996									
18...	3.20	<5.00	<5.00	<5.00	<5.00	<5.00	E530	<5.00	<5.00

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

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LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288600 QUIVER RIVER NEAR MOORHEAD, 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)
MAY 1995					
17...	1230	239	7.2	27.5	5.8
AUG					
09...	1355	445	7.8	31.0	4.5
FEB 1996					
28...	1045	223	7.5	15.5	8.0
MAY					
23...	1100	351	7.5	28.5	5.5
AUG					
16...	0830	452	7.6	27.5	8.5

332554090503100 BOGUE PHALIA NEAR ELIZABETH, 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)
MAY 1996					
17...	1425	390	7.5	26.0	7.4
JUL					
29...	1500	514	7.8	29.0	6.0
AUG					
29...	1230	581	7.8	27.0	6.3

DATE	TIME	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 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)
JUL 1996										
29...	1500	59	20	19	3.6	40	6.9	0.20	21	319

DATE	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)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	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) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
JUL 1996										
29...	0.050	0.360	0.070	1.2	0.50	0.180	0.090	0.090	6.0	10

07288655 BOGUE PHALIA AT DARLOVE, 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)
MAY 1995					
17...	1550	499	8.2	29.0	10.8
AUG					
08...	1445	574	8.2	32.0	8.8
FEB 1996					
29...	1245	251	7.5	11.0	10.0
MAY					
23...	1445	384	8.5	33.5	11.3
AUG					
13...	1340	390	7.9	26.0	--

07288680 BIG SUNFLOWER RIVER AT LITTLE CALLAO LANDING, 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)
AUG 1995					
08...	1230	503	8.1	32.0	8.5

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LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288700 BIG SUNFLOWER RIVER NEAR ANGUILLA, 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)
APR 1995					
12...	1605	214	7.0	21.0	--
19...	1400	213	7.2	24.5	5.1
MAY					
03...	1420	110	6.7	19.0	4.6
16...	1600	196	7.1	27.5	4.5
23...	1330	238	8.6	28.5	11.3
30...	1505	314	7.2	27.5	3.3
JUN					
13...	1440	207	7.0	20.5	3.0
27...	1250	305	7.8	30.0	7.8
JUL					
05...	1350	403	7.3	28.0	2.2
12...	1610	156	6.8	28.5	2.7
18...	1500	243	7.2	32.0	3.3
25...	1430	410	7.7	32.5	6.4
AUG					
01...	1510	485	8.2	32.5	9.1
08...	1555	425	7.8	31.5	6.8
14...	1300	514	7.9	33.0	6.3
21...	1200	549	7.8	34.0	4.8
23...	1200	539	7.7	33.0	4.7
29...	1300	547	7.8	31.5	6.4
SEP					
12...	1310	568	8.2	29.5	12.9
26...	1355	587	8.3	26.5	12.1
OCT					
12...	1300	582	8.5	25.0	--
NOV					
01...	1012	590	7.7	18.5	6.1
JAN 1996					
23...	1135	200	7.2	8.5	10.7
FEB					
29...	1045	242	6.5	15.0	7.3
MAR					
12...	1220	238	7.5	10.0	10.4
APR					
10...	1220	151	6.5	15.5	6.5
25...	1230	65	6.5	20.5	5.5
MAY					
09...	1030	124	6.7	25.0	4.0
23...	1110	222	7.3	29.0	6.0
JUN					
03...	1750	122	6.1	25.0	3.2
18...	1230	252	7.1	29.0	4.5
19...	1510	253	7.1	29.5	2.3
JUL					
03...	1100	317	7.2	32.5	4.1
17...	1110	472	7.5	29.5	2.7
18...	1400	512	7.7	31.5	5.7
29...	1630	295	7.3	28.5	4.8
AUG					
06...	0905	265	7.2	29.0	4.3
13...	1555	340	7.5	28.5	--
29...	1350	495	7.8	29.0	8.4
SEP					
09...	1315	514	8.0	29.5	8.1
16...	1415	505	8.0	28.0	7.1

BED SEDIMENT DATA

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
SEP 1995												
12...	0.79	1.0	0.48	1.8	<0.05	0.11	8.2	0.9	11	680	2	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
SEP 1995												
12...	0.5	79	82	14	33	<2	18	<8	<4	3.9	41	23

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
SEP 1995												
12...	50	540	0.07	<2	34	34	21	13	0.8	0.3	120	<40

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LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288700 BIG SUNFLOWER RIVER NEAR ANGUILLA, MS--Continued

BED SEDIMENT DATA--Continued

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
SEP 1995 12...	11	<10	0.380	4.1	150	2	24	130	1.18	13.0	0.04	<0.100

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
SEP 1995 12...	<50	<1.00	<1.00	<1.00	<2.00	<1.00	<2.00	<5.00	<5.00	9.80	E43.0	2.80

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
SEP 1995 12...	51.0	8.70	18.0	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
SEP 1995 12...	<1.00	<1.00	<2.00	<5.00	<5.00	<200	<50	E29	<50	<50	E18	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)
SEP 1995 12...	<50	E25	<50	E53	E41	<50	E47	<50	<50	E80	<50	E57

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)
SEP 1995 12...	<50	<50	<50	<50	<50	E23	400	<50	E24	68	<50	<50

DATE	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
SEP 1995 12...	<50	E34	<50	E23	E42	<50	E12	<50	<50	<50	<50.0	E29

DATE	9H-FLU-ORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXA-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHOR ONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISO-QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRA-CENE,2-METHYL-SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLU-ORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENAN THRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPEN PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTH-ALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49444)
SEP 1995 12...	E22	<50.0	<50	<50	<50	<50	<50	E15	E39	E16	E12	<50

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07288700 BIG SUNFLOWER RIVER NEAR ANGUILLA, MS--Continued

BED SEDIMENT DATA--Continued

DATE	DPROPYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYL AMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTA-CHLORO-ANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENAN THRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENAN-THRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHAL ENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
SEP 1995											
12...	<50	<50	<50	<50	E8.0	<50	E13	E29	<50	<50	<50

FISH LIVER DATA

DATE	ALUMI-NUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTI-MONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYL-LIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROM-IUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
AUG 1995											
21...	82	<0.2	1.0	0.7	<0.2	0.7	8.2	0.5	0.2	100	610

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGAN-ESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYB-DENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELEN-IUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRON-TIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANA-DIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
AUG 1995											
21...	<0.2	3.9	0.4	1.9	0.2	7.3	0.5	0.5	<0.2	2.9	440

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
AUG 1995										
21...	50.0	<5.00	<5.00	<5.00	<5.00	<6.00	<5.00	<5.00	<5.00	100

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
AUG 1995										
21...	E1100	28.0	3700	35.0	87.0	23.0	<15.0	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
AUG 1995									
21...	4.60	<25.0	<5.00	5.70	<7.00	<10.0	2100	<5.00	<5.00

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288770 DEER CREEK NEAR HOLLANDALE, 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)
APR 1995					
12...	1455	137	7.0	20.0	5.9
19...	1240	182	7.2	22.5	5.6
MAY					
03...	1320	98	6.7	8.5	6.3
16...	--	141	7.0	28.5	4.5
30...	1430	178	6.9	24.0	1.6
JUN					
13...	1335	222	7.3	26.5	5.9
27...	1420	213	7.3	28.0	4.5
JUL					
05...	1252	217	7.2	25.5	2.6
12...	1510	173	7.0	29.5	4.6
18...	1410	157	6.9	31.0	4.2
25...	1330	176	7.2	30.5	5.0
AUG					
01...	1345	234	7.3	29.0	3.1
08...	1700	188	7.2	31.5	5.2
14...	1200	208	7.1	29.5	3.3
23...	1130	243	7.1	29.5	4.0
29...	1225	341	6.9	29.0	2.8
SEP					
12...	1200	482	7.7	24.0	6.8
26...	1305	660	7.6	21.0	2.8
OCT					
12...	1222	482	7.7	--	6.8
12...	1230	807	8.3	19.5	8.5
NOV					
01...	1100	817	7.9	16.0	4.2
JAN 1996					
23...	1235	301	7.3	8.0	5.3
FEB					
29...	1115	271	7.1	12.0	4.6
MAR					
12...	1145	319	7.7	8.0	9.3
APR					
10...	1325	262	7.1	11.0	12.1
MAY					
21...	1230	174	7.0	26.5	1.3
JUL					
17...	1400	403	7.3	29.0	3.1
AUG					
13...	1510	260	7.2	28.0	--

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXY-CHLOR DANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLOR-DANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
JUL 1996										
17...	260	<9.00	<5.00	<5.00	<5.00	E23.0	<5.00	E23.0	<5.00	<5.00

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIEL-DRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTA-CHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
JUL 1996										
17...	E1500	64.0	E5400	<5.00	<55.0	<78.0	<56.0	<5.00	<5.00	<10.0

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXY CHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXY CHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONA-CHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXA-PHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXA-CHLORO-BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
JUL 1996									
17...	9.40	<17.0	<5.00	<5.00	<420	<35.0	E3900	<5.00	<12.0

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288790 DEER CREEK NEAR VALLEY PARK, 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)
MAY 1995					
16...	0915	133	6.6	27.5	4.4
AUG					
08...	1010	125	7.1	30.0	4.5
FEB 1996					
28...	1610	69	7.9	15.5	9.2
MAY					
23...	0825	127	6.8	27.0	4.1
AUG					
13...	1800	172	8.3	30.5	--

07288830 BLACK BAYOU NEAR HOLLANDALE, 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)
MAY 1995					
16...	1400	434	8.5	28.5	8.7
AUG					
08...	1245	516	8.3	32.5	12.8
FEB 1996					
29...	1130	417	8.0	13.0	9.0
MAY					
21...	1210	527	7.9	27.0	5.2
AUG					
13...	1450	333	7.1	25.5	--

07288860 STEELE BAYOU NEAR GRACE, 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)
MAY 1995					
16...	1245	192	7.2	28.5	6.4
AUG					
08...	1150	472	7.9	31.0	6.6
FEB 1996					
28...	1425	333	7.6	16.5	6.6

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288870 STEELE BAYOU EAST PRONG NEAR ROLLING FORK, MS

DATE	TIME	DEPTH AT SAMPLE LOC-ATION, TOTAL (FEET) (81903)	SAMPLE LOC-ATION, CROSS SECTION (FT FM L BANK) (00009)	SAMPLE LOC-ATION, CROSS SECTION (FT FM R BK) (72103)	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)
APR 1995								
12...	1300	--	--	--	96	6.6	19.0	6.1
19...	1135	--	--	--	187	7.1	23.0	4.6
MAY								
03...	1150	--	--	--	127	6.8	18.5	5.0
16...	1050	--	--	--	254	7.1	27.0	4.9
23...	1217	--	--	--	237	7.8	26.0	8.4
30...	1310	--	--	--	191	7.1	24.5	4.5
JUN								
13...	1200	--	--	--	273	7.2	26.5	4.7
13...	1215	1.00	230	--	271	6.8	27.0	5.0
13...	1216	1.00	210	--	272	7.1	26.5	4.9
13...	1217	1.00	190	1.0	271	7.1	26.5	4.8
13...	1218	2.00	190	2.0	271	7.1	26.5	4.8
13...	1219	5.00	190	--	271	7.2	26.5	4.8
13...	1220	1.00	170	--	270	7.2	26.5	4.7
13...	1221	4.00	170	--	271	7.2	26.5	4.7
13...	1223	1.00	150	--	273	7.2	26.5	4.6
13...	1224	3.00	150	--	273	7.2	26.5	4.7
13...	1226	1.00	130	--	275	7.2	26.5	4.7
13...	1227	3.00	130	--	281	7.2	26.0	4.7
13...	1230	1.00	110	--	275	7.2	26.5	4.7
13...	1231	3.00	110	--	278	7.2	26.0	4.7
13...	1232	1.00	90.0	--	280	7.2	26.0	4.7
27...	1200	--	--	--	376	7.9	29.0	7.8
JUL								
05...	1135	--	--	--	437	7.2	26.5	4.5
12...	1340	--	--	--	171	6.8	30.0	3.8
18...	1215	--	--	--	236	7.9	32.0	5.7
25...	1200	--	--	--	289	7.6	32.0	5.6
AUG								
01...	1200	--	--	--	440	7.7	30.0	3.9
14...	1035	--	--	--	492	8.0	31.0	7.7
23...	1030	--	--	--	472	7.8	31.5	4.3
24...	1600	--	--	--	534	8.0	33.0	6.0
29...	1105	--	--	--	512	7.9	31.0	5.6
SEP								
12...	1100	--	--	--	527	8.0	26.0	7.2
26...	1645	--	--	--	563	8.2	26.0	8.8
OCT								
12...	1330	--	--	--	577	8.2	24.0	7.7
NOV								
01...	1000	--	--	--	592	8.0	17.0	7.6
JAN 1996								
23...	1020	--	--	--	229	7.7	9.0	10.2
FEB								
28...	1445	--	--	--	351	7.8	16.0	8.6
MAR								
12...	1110	--	--	--	420	7.9	10.0	11.0
APR								
10...	1110	--	--	--	256	6.8	13.5	9.3
25...	1100	--	--	--	91	6.6	20.0	4.8
MAY								
09...	0945	--	--	--	191	6.7	24.5	3.8
23...	1035	--	--	--	274	7.4	28.0	5.3
JUN								
03...	1830	--	--	--	364	7.1	27.5	3.7
18...	1200	--	--	--	286	8.1	30.5	9.4
19...	1350	--	--	--	180	7.0	28.0	3.8
JUL								
03...	1000	--	--	--	305	7.9	31.0	7.5
17...	0945	--	--	--	354	7.5	29.0	5.2
18...	1445	--	--	--	403	7.6	30.0	5.9
29...	1653	--	--	--	387	7.2	28.5	3.4
AUG								
06...	0950	--	--	--	267	7.1	29.5	5.4
13...	1620	--	--	--	287	7.5	28.0	--
SEP								
09...	1245	--	--	--	510	8.0	29.5	7.3
16...	1030	--	--	--	493	7.7	25.5	6.6

BED SEDIMENT DATA

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)
AUG 1995												
24...	0.98	0.91	0.70	1.8	<0.05	0.12	6.8	0.7	15	660	2	<10

DATE	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)
AUG 1995												
24...	0.5	78	69	11	22	<2	22	<8	<4	3.3	43	25

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288870 STEELE BAYOU EAST PRONG NEAR ROLLING FORK, MS--Continued

BED SEDIMENT DATA--Continued

DATE	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)
AUG 1995												
24...	40	600	0.04	<2	35	27	16	10	0.7	0.2	140	<40

DATE	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS,<63U DRY WGT REC PERCENT (49274)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER-CENT) (49266)	CARBON, ORGANIC SED, BM WS,<2MM DW, REC (G/KG) (49271)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER-CENT) (49269)	CARBON, INORG, SED, BM WS,<2MM DW, REC (G/KG) (49270)
AUG 1995												
24...	14	<10	0.340	3.8	110	2	23	97	0.11	9.10	1.32	0.900

DATE	PCB, SED, BM WS,<2MM DW, REC (UG/KG) (49459)	ALPHA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49338)	BETA-BHC, SED, BM WS,<2MM DW, REC (UG/KG) (49339)	ALDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49319)	CIS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49320)	OXY-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49318)	TRANS-CHLOR-DANE, SED, BM WS,<2MM DW, REC (UG/KG) (49321)	CHLORO-NEB, SED, BM WS,<2MM DW, REC (UG/KG) (49322)	DCPA, SED, BM WS,<2MM DW, REC (UG/KG) (49324)	O, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49325)	P, P'-DDD, SED, BM WS,<2MM DW, REC (UG/KG) (49326)	O, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49327)
AUG 1995												
24...	<50	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00	2.70	17.0	<1.00

DATE	P, P'-DDE, SED, BM WS,<2MM DW, REC (UG/KG) (49328)	O, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49329)	P, P'-DDT, SED, BM WS,<2MM DW, REC (UG/KG) (49330)	DIEL-DRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49331)	ENDO-SULFAN I, SED, BM WS,<2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS,<2MM DW, REC (UG/KG) (49335)	HEPTA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49341)	HEPTA-CHLOR EPOXIDE SED, BM WS,<2MM DW, REC (UG/KG) (49342)	ISODRIN SED, BM WS,<2MM DW, REC (UG/KG) (49344)	LINDANE SED, BM WS,<2MM DW, REC (UG/KG) (49345)	METHOXY CHLOR, O,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49347)	METHOXY CHLOR P,P'-, SED, BM WS,<2MM DW, REC (UG/KG) (49346)
AUG 1995												
24...	42.0	2.10	5.50	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<5.00	<5.00

DATE	MIREX, SED, BM WS,<2MM DW, REC (UG/KG) (49348)	CIS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49316)	TRANS-NONA-CHLOR, SED, BM WS,<2MM DW, REC (UG/KG) (49317)	CIS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49349)	TRANS-PER-METHRIN SED, BM WS,<2MM DW, REC (UG/KG) (49350)	TOXA-PHENE SED, BM WS,<2MM DW, REC (UG/KG) (49351)	ACENAPH THENE SED, BM WS,<2MM DW, REC (UG/KG) (49429)	ACENAPH THYLENE SED, BM WS,<2MM DW, REC (UG/KG) (49428)	ACRI-DINE SED, BM WS,<2MM DW, REC (UG/KG) (49430)	PHENOL C8-ALKYL-SED, BM WS,<2MM DW, REC (UG/KG) (49424)	ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49434)	9,10-ANTHRA-QUINONE SED, BM WS,<2MM DW, REC (UG/KG) (49437)
AUG 1995												
24...	<1.00	<1.00	<1.00	<5.00	<5.00	<200	<50	<50	<50	<50	<50	<50

DATE	AZO-BENZENE SED, BM WS,<2MM DW, REC (UG/KG) (49443)	BENZ(A) ANTHRA-CENE SED, BM WS,<2MM DW, REC (UG/KG) (49436)	BENZOCI NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BENZOB FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49458)	BENZO K FLUOR-ANTHENE SED, BM WS,<2MM DW, REC (UG/KG) (49397)	BENZO(G HI)PERY LENE SED, BM WS,<2MM DW, REC (UG/KG) (49408)	BENZO (A) PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49389)	2,2'-BI QUINO-LINE, SED, BM WS,<2MM DW, REC (UG/KG) (49391)	METHANE 2CHLORO ETHOXY SED, BM WS,<2MM DW, REC (UG/KG) (49401)	PHTHALA TE,BIS2 ETHHEXL SED, BM WS,<2MM DW, REC (UG/KG) (49426)	4-BROMO PHNPHNL ETHER SED, BM WS,<2MM DW, REC (UG/KG) (49454)	PHTHALA TEBUTYL BENZYL-SED, BM WS,<2MM DW, REC (UG/KG) (49427)
AUG 1995												
24...	<50	E21	<50	E31	<50	<50	<50	<50	<50	E36	<50	E39

DATE	CARBA-ZOLE SED, BM WS,<2MM DW, REC (UG/KG) (49449)	M-CRE-SOL, 4-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49422)	NAPTHAL ENE, 2-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49407)	PHENOL, 2CHLORO BED MAT WS <2MM DRY WGT REC (UG/KG) (49467)	4CHLORO PHNPHN LETHER SED, BM WS,<2MM DW, REC (UG/KG) (49455)	CHRY-SENE SED, BM WS,<2MM DW, REC (UG/KG) (49450)	P-CRESOL SED, BM WS,<2MM DW, REC (UG/KG) (49451)	DIBENZ (AH),AN THRACEN SED, BM WS,<2MM DW, REC (UG/KG) (49461)	THIOPH ENE,DI-BENZO-SED, BM WS,<2MM DW, REC (UG/KG) (49452)	PHTHAL-ATE, DIBUTYL SED, BM WS,<2MM DW, REC (UG/KG) (49381)	BENZENE O-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49439)	BENZENE M-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49441)
AUG 1995												
24...	<50	<50	<50	<50	<50	E32	<50	<50	<50	E28	<50	<50

DATE	BENZENE P-DI-CHLORO-SED, BM WS,<2MM DW, REC (UG/KG) (49442)	PHTHAL-ATE, D IETHYL SED, BM WS,<2MM DW, REC (UG/KG) (49383)	NAPTHAL ENE, 12 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49403)	NAPTHAL ENE, 16 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49404)	NAPTHAL ENE, 26 DIMETHL SED, BM WS,<2MM DW, REC (UG/KG) (49406)	3,5-XYLENOL SED, BM WS,<2MM DW, REC (UG/KG) (49421)	PHTHAL-ATE,DI-METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49384)	TOLUENE 2,4-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49395)	TOLUENE 2,6-DI-NITRO-SED, BM WS,<2MM DW, REC (UG/KG) (49396)	PHTHAL ATE, D IOCTYL SED, BM WS,<2MM DW, REC (UG/KG) (49382)	NAPTHAL ENE, 2-ETHYL-SED BM WS <2MM DW REC (UG/KG) (49948)	FLUOR-ANTHENE BED MAT WS <2MM DRY WGT REC (UG/KG) (49466)
AUG 1995												
24...	<50	E14	<50	<50	E33	<50	<50	<50	<50	<50	<50.0	E25

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288870 STEELE BAYOU EAST PRONG NEAR ROLLING FORK, MS--Continued

BED SEDIMENT DATA--Continued

DATE	9H-FLUORENE SED, BM WS,<2MM DW, REC (UG/KG) (49399)	BENZENE HEXACHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49343)	INDENO 123-CD PYRENE SED, BM WS,<2MM DW, REC (UG/KG) (49390)	ISOPHORONE SED, BM WS,<2MM DW, REC (UG/KG) (49400)	ISOQUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49394)	ANTHRACENE,2-METHYL- SED, BM WS,<2MM DW, REC (UG/KG) (49435)	9H-FLUORENE, 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49398)	PHENANTHRENE 1METHYL SED, BM WS,<2MM DW, REC (UG/KG) (49410)	PYRENE, 1-METHYL, SED, BM WS,<2MM DW, REC (UG/KG) (49388)	4HCYPENPHENANTHRENE SED, BM WS,<2MM DW, REC (UG/KG) (49411)	NAPHTHALENE, SED, BM WS,<2MM DW, REC (UG/KG) (49402)	BENZENE NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49444)
AUG 1995												
24...	<50	<50.0	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

DATE	DPROPYLAMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49431)	DIPHNYLAMINE,N NITROSO SED, BM WS,<2MM DW, REC (UG/KG) (49433)	PENTACHLOROANISOLE SED, BM WS,<2MM DW, REC (UG/KG) (49460)	BENZENE PNTCHLR NITRO- SED, BM WS,<2MM DW, REC (UG/KG) (49446)	PHENANTHRENE SED, BM WS,<2MM DW, REC (UG/KG) (49409)	PHENANTHRIDINE SED, BM WS,<2MM DW, REC (UG/KG) (49393)	PHENOL SED, BM WS,<2MM DW, REC (UG/KG) (49413)	PYRENE, SED, BM WS,<2MM DW, REC (UG/KG) (49387)	QUINOLINE, SED, BM WS,<2MM DW, REC (UG/KG) (49392)	BENZENE 124TRICHLORO- SED, BM WS,<2MM DW, REC (UG/KG) (49438)	NAPTHALENE,236 TRIMETH SED, BM WS,<2MM DW, REC (UG/KG) (49405)
AUG 1995											
24...	<50	<50	<50	<50	E12	<50	<50	E23	<50	<50	<50

FISH LIVER DATA

DATE	ALUMINUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49237)	ANTIMONY, BIOTA, TISSUE, DRY WGT REC (UG/G) (49246)	ARSENIC BIOTA, TISSUE, DRY WGT REC (UG/G) (49247)	BARIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49238)	BERYLLIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49248)	BORON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49239)	CADMIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49249)	CHROMIUM-, BIOTA, TISSUE, DRY WGT REC (UG/G) (49240)	COBALT, BIOTA TISSUE, DRY WGT REC (UG/G) (49250)	COPPER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49241)	IRON, BIOTA, TISSUE, DRY WGT REC (UG/G) (49242)
AUG 1995											
24...	16	<0.1	0.6	0.3	<0.1	0.5	8.7	<0.5	0.3	120	1000

DATE	LEAD, BIOTA, TISSUE, DRY WGT REC (UG/G) (49251)	MANGANESE, BIOTA, TISSUE, DRY WGT REC (UG/G) (49243)	MERCURY BIOTA, TISSUE, DRY WGT REC (UG/G) (49258)	MOLYBDENUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49252)	NICKEL, BIOTA, TISSUE, DRY WGT REC (UG/G) (49253)	SELENIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49254)	SILVER, BIOTA, TISSUE, DRY WGT REC (UG/G) (49255)	STRONTIUM, BIOTA, TISSUE, DRY WGT REC (UG/G) (49244)	URANIUM BIOTA, TISSUE, DRY WGT REC (UG/G) (49257)	VANADIUM BIO TIS LIVER DRY WGT REC (UG/G) (49465)	ZINC, BIOTA, TISSUE, DRY WGT REC (UG/G) (49245)
AUG 1995											
24...	0.2	4.2	0.4	1.5	0.2	7.2	0.3	0.5	<0.1	3.2	430

FISH TISSUE DATA

DATE	PCB, BIOTA, WH ORG WW, REC (UG/KG) (49354)	ALPHA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49366)	BETA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49365)	DELTA-BHC, BIOTA, WH ORG WW, REC (UG/KG) (49364)	ALDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49353)	CIS-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49380)	OXYCHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49357)	TRANS-CHLORDANE, BIOTA, WH ORG WW, REC (UG/KG) (49379)	DCPA, BIOTA, WH ORG WW REC (UG/KG) (49378)	O,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49374)
AUG 1995										
24...	60.0	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	120

DATE	P,P'-DDD, BIOTA, WH ORG WW, REC (UG/KG) (49375)	O,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49373)	P,P'-DDE, BIOTA, WH ORG WW, REC (UG/KG) (49372)	O,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49377)	P,P'-DDT, BIOTA, WH ORG WW, REC (UG/KG) (49376)	DIELDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49371)	ENDRIN, BIOTA, WH ORG WW, REC (UG/KG) (49370)	HEPTACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49369)	HEPTACHLOR EPOXIDE BIOTA, WH ORG WW, REC (UG/KG) (49368)	LINDANE BIOTA, WH ORG WW, REC (UG/KG) (49363)
AUG 1995										
24...	E1100	<12.0	3700	<5.30	E140	16.0	<5.00	<5.00	<5.00	<5.00

DATE	LIPIDS, BIOTA, WH ORG WW, REC PERCENT (49289)	METHOXYCHLOR, O,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49362)	METHOXYCHLOR, P,P'-, BIOTA, WH ORG WW, REC (UG/KG) (49361)	MIREX, BIOTA, WH ORG WW, REC (UG/KG) (49360)	CIS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49359)	TRANS-NONACHLOR, BIOTA, WH ORG WW, REC (UG/KG) (49358)	TOXAPHENE, BIOTA, WH ORG WW, REC (UG/KG) (49355)	BENZENE HEXACHLORO- BIOTA, WH ORG WW, REC (UG/KG) (49367)	PENTA CHLORO ANISOLE BIOTA, WH ORG WW, REC (UG/KG) (49356)
AUG 1995									
24...	7.80	<18.0	<5.00	<5.00	<5.00	<5.00	9100	<5.00	<5.00

WATER QUALITY DATA, APRIL 1995 TO SEPTEMBER 1996

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

LOWER MISSISSIPPI EMBAYMENT STUDY--Continued

07288900 STEELE BAYOU NEAR ONWARD, 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)
MAY 1995					
16...	0950	224	7.2	27.5	6.9
AUG					
08...	1040	458	7.5	30.0	6.6
FEB 1996					
28...	1530	413	7.8	15.5	9.5
MAY					
23...	0845	227	7.8	28.0	7.6
AUG					
13...	1730	--	7.8	29.0	--

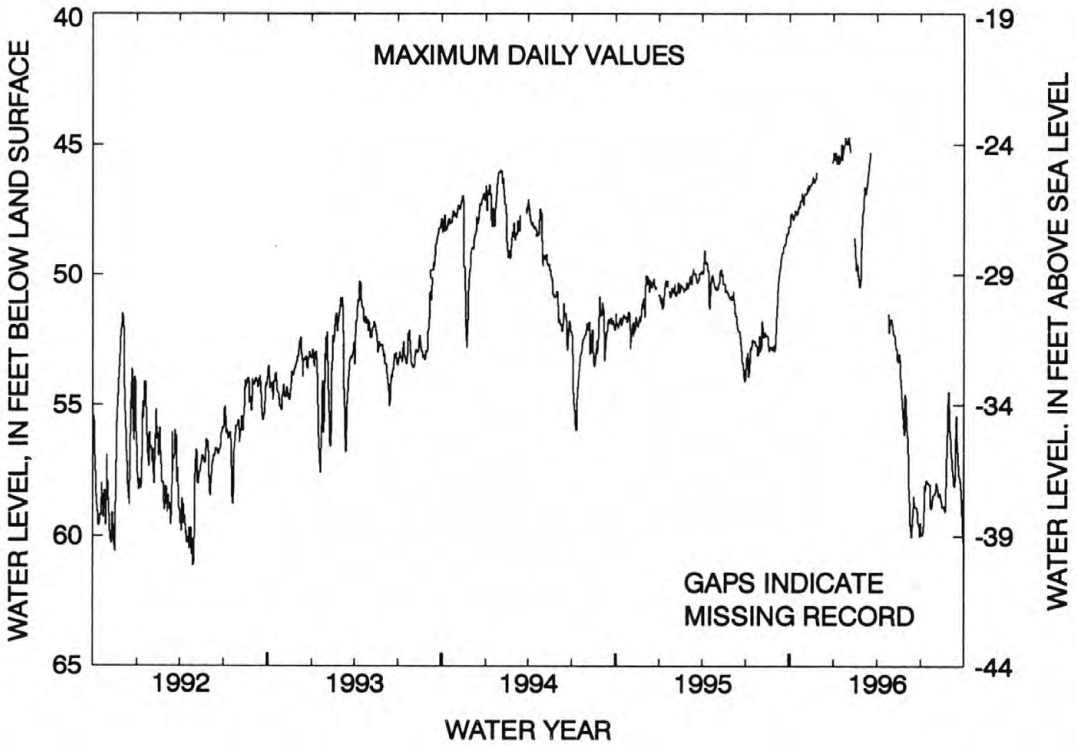
GROUND-WATER LEVELS

HARRISON COUNTY

302355088540301. Local number, M120.
LOCATION.--Lat 30°23'55", long 88°54'03",in NW1/4 SE1/4 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 sea level (from topographic map).
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.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	47.67	46.92	---	45.52	45.31	47.01	---	52.25	56.89	59.97	58.10	57.07
10	47.84	46.59	---	45.65	---	46.72	---	52.68	59.60	58.09	58.47	58.12
15	47.61	46.55	---	45.58	48.86	45.92	---	53.36	59.30	58.01	58.73	55.51
20	47.44	46.34	---	45.37	49.66	---	---	53.66	58.90	58.06	58.88	57.73
25	47.17	46.32	---	44.98	50.49	---	51.53	55.47	59.24	58.91	57.03	58.60
EOM	47.19	---	45.57	44.97	48.74	---	51.79	54.74	60.01	58.41	55.71	60.67
MAX	48.18	---	---	45.74	---	---	---	56.15	60.04	59.99	59.09	60.67

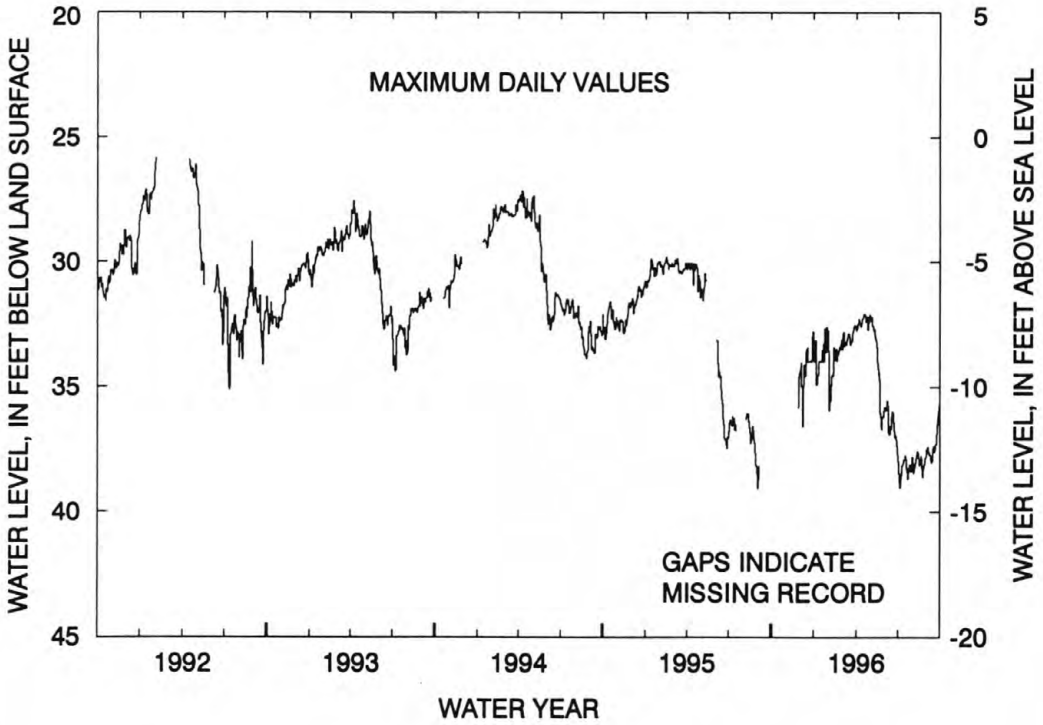


HARRISON COUNTY--Continued

302406088593201. Local number, M544.
LOCATION.--Lat 30°24'06",long 88°59'32",in NW1/4 SE1/4 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 sea level (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.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	34.21	33.99	35.94	32.87	32.65	32.35	35.95	38.84	38.44	37.41
10	---	---	34.96	34.57	34.58	33.30	32.46	32.56	35.76	38.53	37.87	37.74
15	---	---	34.56	33.97	33.53	33.01	32.24	33.09	36.55	37.91	37.65	37.82
20	---	---	33.42	33.53	33.48	33.28	32.14	34.26	36.00	38.28	37.93	37.52
25	---	---	33.99	33.99	33.54	32.95	32.40	36.05	37.01	38.43	38.64	36.75
EOM	---	35.81	32.84	32.85	33.46	32.57	32.46	36.20	37.34	38.40	37.81	35.73
MAX	---	---	36.59	34.92	35.94	33.51	32.74	36.70	37.34	39.04	38.64	38.04

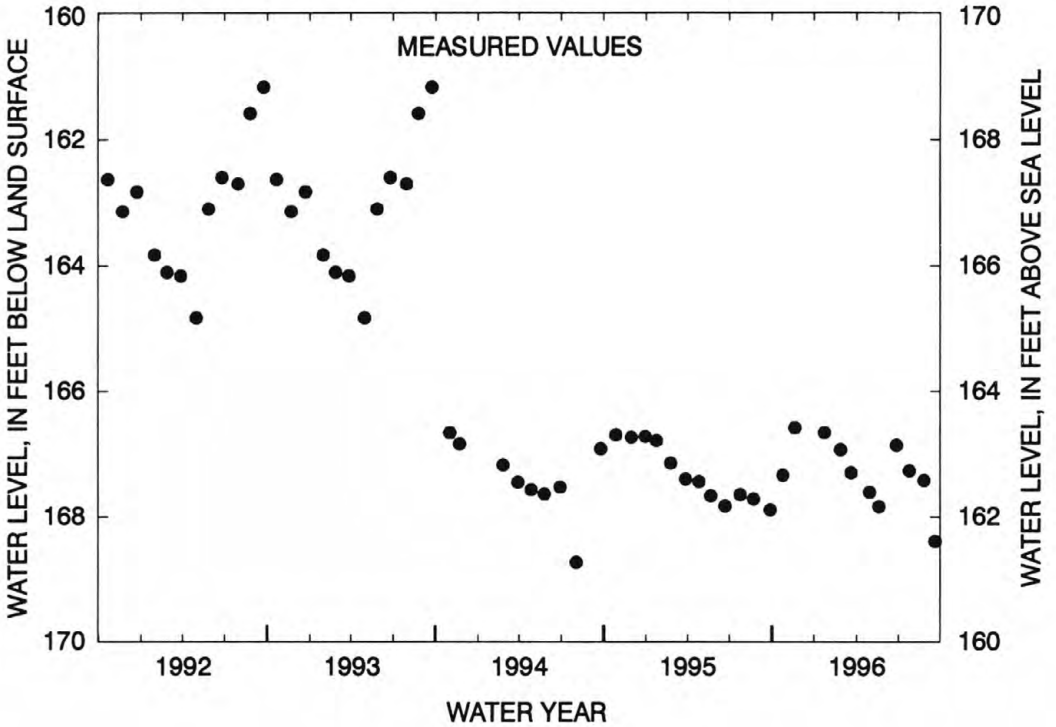


HINDS COUNTY

321957090105601. Local number, H155.
LOCATION.--Lat 32°19'57", long 90°10'56", in NW1/4 SE1/4 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.
DATUM.--Land-surface datum is 330 ft above sea level. 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, Jul. 11, 1972, lowest measured, 167.89 ft below land-surface datum, Sept. 27, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	167.34	------	------	FEB 27	166.93	APR 30	167.61	JUN 27	166.86	AUG 26	167.42
NOV 20	166.58	JAN 23	166.66	MAR 21	167.30	MAY 20	167.84	JUL 25	167.27	SEP 19	168.39



HINDS COUNTY--Continued

322241090073701. Local number, H160.

LOCATION.--Lat 32°22'41", long 90°07'37", in SE1/4 NE1/4 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 sea level (from topographic map).
Measuring point: Top of casing, at land-surface datum.

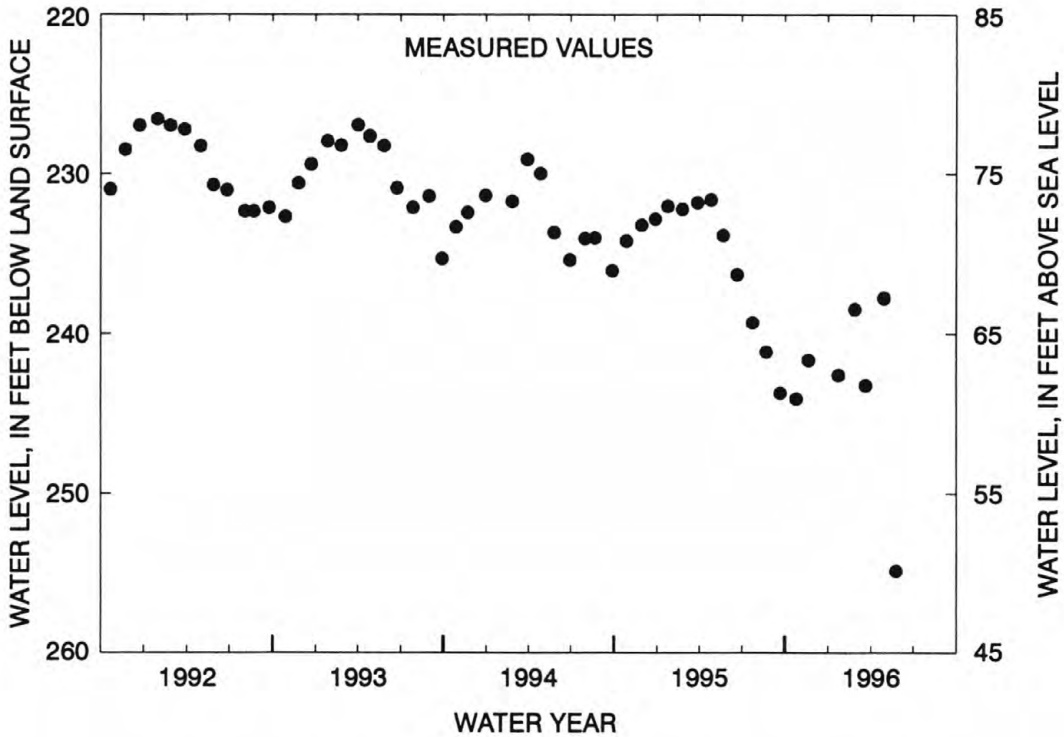
REMARKS.--Water levels affected by nearby pumping.

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, 243.68 ft below land-surface datum, Sept. 21, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	244.05	------	------	FEB 27	238.39	APR 29	237.68	------	------	------	------
NOV 20	241.62	JAN 23	242.56	MAR 28	243.20	MAY 20	241.04	------	------	------	------

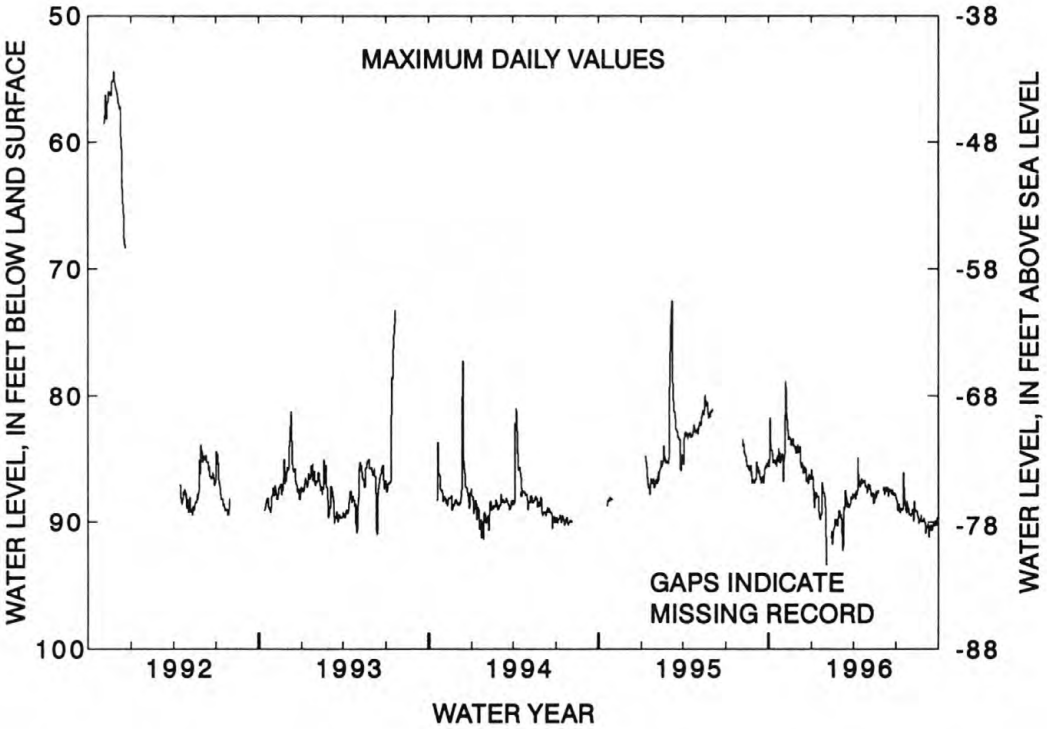


JACKSON COUNTY

302103088294701. Local number, Q403.
LOCATION.--Lat 33°21'03",long 88°29'47",in NE1/4 SE1/4 sec.17, T.8 S.,R.5 W.,St.Stephens Meridian,Jackson County. Hydrologic Unit 03170009, 3.7 mi east southeast of center of Pascagoula,on west side of State Highway 611 at Coastal Chemical Co.
Owner: U.S. Geological Survey.
AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in, depth 346 ft, cased to 340 ft.
INSTRUMENTATION.--Water-level recorder -- 60 minute punch.
DATUM.--Land-surface datum is 12 ft above sea level (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, Jun. 19, 1974.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	81.78	84.97	84.52	86.58	93.35	89.40	88.00	87.17	87.22	88.38	89.29	90.63
10	84.84	81.32	85.36	88.01	---	92.26	87.51	88.03	87.24	88.88	88.39	90.30
15	85.28	83.33	85.82	88.00	90.74	87.53	86.81	88.50	88.00	89.04	89.09	90.25
20	85.60	83.66	86.06	89.60	90.44	88.76	86.93	87.59	87.52	87.93	90.07	90.13
25	84.51	83.98	86.61	88.47	90.17	88.65	86.67	87.74	87.78	89.23	89.41	90.25
EOM	84.61	84.33	86.39	87.96	89.63	87.78	87.25	---	87.70	89.39	89.66	90.15
MAX	85.61	86.77	86.90	89.80	---	92.26	88.18	---	---	89.39	90.07	91.19



HARRISON COUNTY

303110089070201. Local number, G121.
LOCATION.--Lat 30°31'10",long 87°07'02",in NE1/4 SW1/4 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 sea level (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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	72.93	MAR 25	71.10

303046089052301. Local number, G430.
LOCATION.--Lat 30°30'46",long 89°05'23",in NE1/4 NE1/4 sec.21,T.6 S.,R.11 W.,St.Stephens Meridian, Harrison County.
Hydrologic Unit 03170009, .07 mi east and 1 mi north of intersection of U.S. Highway 49 and State Highway 53 on Smith Road.
Owner: William Ladner.
AQUIFER.--Sand of Hattiesburg formation of late Miocene age.
WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 2 in, depth 1780 ft.
DATUM.--Land-surface datum is 55 ft above sea level (from topographic map).
Measuring point: Top of 2-inch tee, 2.0 ft above land-surface datum.
REMARKS.--Free flowing artesian well.
PERIOD OF RECORD.--October 1982 to current year.
EXTREMES OF PERIOD OF RECORD.--Highest water level measured, 16.2 ft above land-surface datum, October 14, 1992, lowest measured, 12.5 ft above land-surface datum, Nov. 28, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	-12.5	APR 25	-12.9

302400089022403. Local number, L141.
LOCATION.--Lat 30°22'40",long 89°02'54",in SW1/4 NW1/4 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 sea level (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, 53.62 ft below land-surface datum, Apr. 10, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	53.62	APR 24	47.66

302200089053301. Local number, L154.
LOCATION.--Lat 30°22'00",long 89°05'33",in NW1/4 NE1/4 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 sea level.
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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	13.78	APR 24	13.08

302410089082201. Local number, L654.
LOCATION.--Lat 30°24'10",long 89°08'22",in SW1/4 SE1/4 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 Hattiesburg 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 sea level (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, 38.5 ft above land-surface, Aug. 9, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL
JAN 238	-39.0

HARRISON COUNTY--Continued

301856089145301. Local number, N003.
LOCATION.--Lat 30°18'56",long 89°14'53",in SW1/4 NW1/4 sec.30, 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: City 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 sea level (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, 7.12 ft below land-surface datum, Oct. 14, 1986.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	7.12	APR 24	5.79

302204089102701. Local number, O307.
LOCATION;--Lat 30°22'04",long 89°10'27",in NE1/4 NE1/4 sec.10,T.8 S.,R.12 W.,St.Stephens Meridian, Harrison County.
Hydrologic Unit 03170009, 2.5 mi north of US Highway 90 at Long Beach.
Owner: City of Long Beach.
AQUIFER.--Sand of Hattiesburg Formation of late Miocene age.
WELL CHARACATERISTICS.--Drilled public supply artesian well, diameter 16 in, depth 1,640 ft.
DATUM.--Land-surface datum is 24 ft above sea level (from topographic map).
PERIOD OF RECORD.--July 1993, October 1994 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.5 ft above land-surface datum, Oct. 18, 1994, lowest measured, 39 ft above land-surface datum, July 10, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	-39.8	APR 24	-39.8

3022170890991301. Local number, O308.
LOCATION.--Lat 30°22'17",long 89°09'13",in SE1/4 SE1/4 sec.2,T.8 S.,R.12 W., St.Stephens meridian, Harrison County.
Hydrologic Unit 03170009, 2 mi north of US Highwy 90 at Long Beach.
Owner: City of Long Beach.
AQUIFER.--Sand of Graham Ferry Formation of Pliocene age.
WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 16 in, depth 764 ft.
DATUM.--Land-surface datum is 22 ft above sea level (from topographic map).
Measuring point: Air vent at pump base, 2.10 ft above land-surface datum.
PERIOD OF RECORD.--July 1993, October 1994 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.7 ft above land-surface datum, Nov. 28, 1995, lowest measured, 27.5 ft above land-surface datum, Apr. 10, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	-31.7	APR 24	-27.9

302139089121001. Local number, O320.
LOCATION.--Lat 30°21'39", long 89°12'10", in NW1/4 SW1/4 sec.9, T.8 S.,R.12.,St.Stephens Meridian, Harrison County.
Hydrologic Unit 03170009, 2.5 mi north of US Highway 90 at Pass Christian.
Owner: Mississippi Gulf Coast Community College.
AQUIFER:--Sand of Hattiesburg Formation of late Miocene age.
WELL CHARACTERISTICS.--Drilled aquaculture artesian well, diameter 4 in, depth 1,860 ft.
DATUM.--Landsurface datum is 25 ft above sea level (from topigraphic map).
Measruing point: 3/4 in plug along discharge line, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--May 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.7 ft above land-surface datum, Nov 28, 1995, lowest measured, 30 ft above land-surface datum, May 3, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 28	-39.7	APR 24	-39.7

HINDS COUNTY

322112090195601. Local number, G059.
LOCATION.--Lat 32°21'12", long 90°19'56", in NW1/4 NW1/4 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 sea level (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, 244.31 ft below land-surface datum, Mar. 22, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	244.13	--- --	------	FEB 28	242.98	APR 30	241.29	JUN 27	242.75	AUG 27	243.91
NOV 21	243.68	JAN 24	243.39	MAR 22	244.31	MAY 21	241.99	JUL 25	242.73	SEP 20	243.60

322128090174901. Local number, G101.
LOCATION.--Lat 32°21'28", long 90°17'49", in SE1/4 SE1/4 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 sea level (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, 285.92 ft below land-surface datum, Feb. 25, 1994.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	254.88	--- --	------	FEB 28	260.57	APR 30	255.78	JUN 27	264.58	AUG 27	258.63
NOV 21	255.10	JAN 24	258.27	MAR 22	258.62	MAY 21	262.14	JUL 25	260.76	SEP 20	254.15

322301090090001. Local number, H023.
LOCATION.--Lat 32°23'01", long 90°09'00", in NW1/4 NE1/4 sec.12 T.6 N., R.1 E., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, 6.0 mi north of center of Jackson at Briarwood Drive and US 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 sea level (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, 264.31 ft below land-surface datum, Sept. 19, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	258.85	--- --	------	FEB 27	255.05	APR 29	255.15	JUN 25	260.68	AUG 26	263.99
NOV 20	257.00	JAN 23	255.54	Mar 21	254.58	MAY 20	257.03	JUL 25	263.85	SEP 19	264.31

322223090132801. Local number, H163.
LOCATION.--Lat 32°22'23", long 90°13'28", in sec. 8, T.6 N., R.1 E., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, 5.5 mi northwest of center of Jackson on Forest Avenue.
Owner: Tri State Brick Company.
AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 824 ft.
DATUM.--Land-surface datum is 354 ft above sea level (from topographic map).
Measuring point: 11/4-in plug at top of well head, 1.50 ft above land-surface datum.
REMARKS.--Water level affected by nearby pumping.
PERIOD OF RECORD.--April 1972, June 1984 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 272 ft below land-surface datum Apr. 1, 1974, lowest measured, 301.89 ft below land-surface datum July 27, 1993.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	296.30	--- --	------	FEB 28	298.70	APR 30	299.60	JUN 27	299.80	AUG 27	299.25
NOV 21	295.69	JAN 24	297.92	MAR 22	299.43	MAY 21	298.70	JUL 25	298.89	SEP 19	298.30

322222090095201. Local number, H164.
LOCATION.--Lat 32°22'22", long 90°09'52", in SW1/4 SE1/4 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 Trailor Court.
AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused domestic artesian well, diameter 4 in, depth 738 ft.
DATUM.--Land-surface datum is 298 ft above sea level (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 242.00 ft below land-surface datum, Sept. 19, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	237.70	--- --	------	FEB 27	233.16	APR 29	234.10	JUN 25	238.22	AUG 26	241.77
Nov 20	236.15	JAN 23	233.28	MAR 21	232.97	MAY 20	239.14	JUL 25	238.60	SEP 19	242.00

322003090092501. Local number, H196.
LOCATION.--Lat 32°20'03", long 90°09'25", in SE1/4 NE1/4 sec.25, T.6 N., R.1 E., Choctaw Meridian, Hinds County. Hydrologic Unit 03180002, near intersecton of Interstate 55 and Lakeland Drive at Mississippi Agriculture and Forestry Museum.
Owner: Mississippi Department of Agriculture.
AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 4 in, depth 275 ft.
DATUM.--Land-surface datum is 290 ft above sea level (from topographic map).
Measuring point: Top of 4-inch well seal, 0.8 ft above land-surface datum.
PERIOD OF RECORD.--April 1994 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 135.14 ft below land-surface datum, Apr. 26, 1994, lowest measured, 141.00 ft below land-surface datum, Aug. 26, 1996

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	138.35	--- --	------	FEB 27	138.19	APR 29	138.25	JUN 27	139.10	AUG 26	141.00
NOV 20	138.30	JAN 23	138.26	MAR 21	138.26	MAY 20	139.37	JUL 25	139.52	SEP 19	138.78

321445090160001. Local number, M094.
LOCATION.--Lat 32°14'52", long 90°16'00", in SW1/4 NE1/4 sec. 26, T.5N., R.1 W., Choctaw Meridian, Hinds County. Hydrologic Unit 08060202, on Forest Hill Road in south Jackson.
Owner: City of Jackson.
AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 16 in, depth 1,079 ft.
DATUM.--Land-surface datum is 360 ft above sea level (from topographic map).
Measuring point: Air vent at pump base, 4.10 ft above land-surfacae datum.
REMARKS.--Water levels affected by nearby pumping.
PERIOD OF RECORD.--August 1968, April 1973, May 1987, May 1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 225 ft below land-surface datum, Aug. 1968, lowest measured, 314.69 ft below land-surface datum Mar. 22, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	288.00	--- --	------	FEB 28	302.67	APR 30	303.85	JUN 27	302.90	AUG 27	302.20
NOV 21	287.46	JAN 24	294.79	MAR 22	314.69	MAY 21	300.72	JUL 25	302.98	SEP 20	305.14

321423090180201. Local number, M112.
LOCATION.--Lat 32°14'22", long 90°18'01", in SW1/4 SE1/4 sec. 28, T.5 N., R.1 W., Choctaw Meridian, Hinds County. Hydrologic Unit 08060202, on Siwell Road next to fire station in south Jackson.
Owner: City of Jackson.
AQUIFER.--Sparta sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 16 in, depth 1,398 ft.
DATUM.--Land-surface datum is 330 ft above sea level (from topograpic map).
REMARKS.--Water level affected by nearby pumping.
PERIOD OF RECORD.--October 1980, May 1993 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 250 ft below land-surface datum, Oct. 20, 1980, lowest measured, 292.11 ft below land-surface datum, Mar. 22, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	266.91	--- --	------	FEB 28	289.68	APR 30	264.55	JUN 27	268.50	AUG 27	272.59
NOV 21	269.01	JAN 24	280.90	MAR 22	292.11	MAY 21	271.58	JUL 25	272.03	SEP 20	290.14

321752090102601. Local number, N092.
LOCATION.--Lat 32°17'52", long 90°10'26", in SW1/4 SW1/4 sec.2, T.5 N., R.1 E., Choctaw Meridain, 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 sea level (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 106.96 ft below land-surface datum, Nov. 21, 1995

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
--- --	------	--- --	--- --	FEB 27	106.30	APR 29	105.96	JUN 25	106.58	AUG 26	106.52
NOV 21	106.96	JAN 23	105.89	MAR 21	105.95	MAY 20	106.90	JUL 25	106.61	SEP 19	106.63

320554090173902. Local number, V033.
LOCATION.--Lat 32°04'30", long 90°54'33", in NW1/4 SW1/4 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 sea level (from topographic map).
Measuring point: Top of concrete base, 1.65 ft above land-surface datum.
REMARKS.--Water level 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, 177.79 ft below land-surface datum, Aug. 27, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	170.22	--- --	------	FEB 28	171.97	APR 30	166.98	JUN 25	174.48	AUG 27	177.79
NOV 21	168.70	JAN 24	170.48	MAR 22	160.99	MAY 21	171.12	JUL 25	177.70	SEP 20	176.18

JACKSON COUNTY

302454088493401. Local number, N048.
LOCATION.--Lat 30°24'55",long 88°49'35",in SE1/4 SW1/4 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 sea level (from topographic map).
Measuring point: Top of 4-in discharge pipe, 2.50 ft above land-surface datum.
REMARKS.--Water level affected by nearby pumping.
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, 102.38 ft below land-surface datum, Apr. 23, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	97.64	APR 23	102.38

JACKSON COUNTY--Continued

302503088481602. Local number, N511.
LOCATION.--Lat 30°25'03",long 88°48'16",in NE1/4 SE1/4 sec.20,T.7 S.,R.8 W.,St.Stephens Meridian, Jackson County.
Hydrologic Unit 03170009, 1.5 mi east of old 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 sea level (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, 5.5 ft above land-surface Nov. 29, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	-5.5	APR 23	-8.3

302439088493801. Local number, N566.
LOCATION.--Lat 30°24'39", long 88°49'38", in sec.30, T.7 N., R.8 W., St. Stephens Meridian, Jackson County.
Hydrologic Unit 03170009, 0.4 mi south of US Highway 90 at elevated tank on Porter Street off Washington Avenue in Ocean Springs.
Owner: City of Ocean Springs.
AQUIFER.--Sand of Pascagoula Formation of late Miocene age.
WELL CHARACTERISTICS.--Drilled domestic artesian well, diameter 16 in, depth 950 ft.
DATUM.--Land-surface datum is 20 ft above sea level (from topographic map).
Measuring point: Air vent at pump base, 2.20 ft above land-surface datum.
PERIOD OF RECORD.--October 1994 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.03 ft below land-surface datum, June 5, 1995, lowest measured, 49.47 ft below land-surface Nov. 29, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	49.47	FEB 13	49.19	APR 23	45.75

302451088325901. Local number, P045.
LOCATION.--Lat 30°24'51",long 88°32'59",in NE1/4NE1/4 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 sea level (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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	38.90	APR 24	37.35

302244088325801. Local number, P068.
LOCATION.--Lat 30°22'44", long 88°32'58",in SE1/4 NE1/4 sec.2,T.8 S.,R.6 W.,St.Stephens Meridian, Jackson County.
HydrologicUnit 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 sea level (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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	78.28	APR 24	77.72

302134088330803. Local number, P124.
LOCATION.--Lat 30°21'34", long 88°33'08", in SW1/4 SE1/4 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 Communy 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 sea level (from topographic map).
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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	64.34	APR 24	63.02

302042088331801. Local number, P134.
LOCATION.--Lat 30°20'42", long 88°33'18", in SE1/4 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 sea level (from topographic map).
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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	58.00	APR 24	57.28

30253508303501. Local number, Q025.
LOCATION.--Lat 30°25'35", long 88°30'35", in NE1/4 NE1/4 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 sea level (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 above 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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	22.56	APR 24	22.00

302126088293801. Local number, Q112.
LOCATION.--Lat 30°21'32", long 88°29'38", in SW1/4 SW1/4 sec.9, T.8 S., R.5 W.,St.Stephens Meridian,Jackson County. HydrologicUnit 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 sea level (from topographic map).
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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	9.76	APR 24	9.38

302253088302401. Local number, Q407.
LOCATION.--Lat 30°22'53", long 88°30'24", in SW1/4 NW1/4 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 sea level.
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, 78.95 ft below land-surface datum, Nov.29, 1995,lowest measured, 146.93 ft below land-surface datum, Oct. 4, 1978.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	78.95	APR 24	138.14

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 sea level (from topographic map).
Measuring point: Top of recorder house floor, 1.00 ft above land-surface datum.
REMARKS.--Water levels affected by nearby pumping.
PERIOD OF RECORD.--Sept. 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 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29	18.65	APR 241	18.64

MADISON COUNTY

322413090101701. Local number, V013.
LOCATION.--Lat 32°24'20", long 90°09'30", in NE1/4 SE1/4 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 sea level (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, 223.72 ft below land-surface datum, Sept. 19, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	223.17	--- --	------	FEB 27	223.17	APR 29	221.25	JUN 27	222.55	AUG 26	223.41
NOV 20	221.93	JAN 23	222.53	MAR 21	222.35	MAY 20	222.49	JUL 25	223.41	SEP 19	223.72

322415090085001. Local number, V029.
LOCATION.--Lat 32°24'15", long 90°09'44", in NW1/4 SE1/4 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 sea level (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, 294.23 ft below land-surface datum, Sept. 19, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	289.54	--- --	------	FEB 27	285.35	APR 29	285.23	JUN 27	290.98	AUG 26	293.96
NOV 20	287.80	JAN 23	285.85	MAR 21	285.24	MAY 20	287.10	JUL 25	292.95	SEP 19	294.23

322627090062401. Local number, W005.
LOCATION.--Lat 32°26'27", long 90°06'24", in NE1/4 NE1/4 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 sea level (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, 195.92 ft below land-surface datum, Sept. 27, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	192.69	--- --	------	FEB 27	184.10	APR 29	183.10	JUN 27	185.24	AUG 26	186.44
NOV 20	190.86	JAN 23	186.09	MAR 21	183.66	MAY 20	182.84	JUL 30	187.22	SEP 19	187.25

322528090080401. Local number, W036.
LOCATION.--Lat 32°25'28", long 90°08'04", in NE1/4 NW1/4 sec.30, T.7 N., R.2 E., Choctaw Meridian, Madison County.
Hydrologic Unit 03180002, near US Highway 51 and Natchez Trace in Ridgeland.
Owner: City of Ridgeland.
AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 10 in, depth 690 ft.
DATUM.--Land-surface datum is 360 ft above sea level (from topographic map).
Measuring point: Air vent at pump base, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--October 1963, April 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 167 ft below land-surface datum, Oct. 14, 1963, lowest measured, 241.70 ft below land-surface datum, Oct. 25, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	241.70	--- --	------	FEB 27	231.52	APR 30	233.80	JUN 27	238.10	AUG 27	234.64
NOV 20	236.04	JAN 23	236.69	MAR 21	240.70	MAY 20	238.98	JUL 30	234.32	SEP 19	235.56

322514090080901. Local number, W069.
LOCATION.--Lat 32°25'14", long 90°08'09", in NE1/4 SW1/4 sec.30, T.7 N., R.2 E., Choctaw Meridian, Madison County.
Hydrologic Unit 03180002, 0.5 mi south of Natchez Trace, west side of U.S. Highway 51 at Ridgeland.
Owner: City of Ridgeland.
AQUIFER.--Sparta Sand of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public-supply artesian well, diameter 16-inch, depth 1161 ft.
DATUM.--Land-surface datum is 350 ft above sea level (from topographic map).
Measuring point: 34-inch air vent, 1.70 ft above land-surface datum.
PERIOD OF RECORD.--December 1986, September 1994 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 258 ft below land-surface datum, Dec. 30, 1986, lowest measured, 301.49 ft below land-surface datum, Sept. 19, 1996

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
--- --	------	--- --	------	FEB 27	295.14	APR 29	295.14	JUN 27	301.36	AUG 26	300.05
NOV 20	292.20	JAN 23	296.16	MAR 21	292.68	MAY 20	295.55	JUL 30	300.36	SEP 19	301.49

322702090082301. Local number, W074.
LOCATION.--Lat 32°27'02", long 90°08'23", in SW1/4 NW1/4 sec.18, T.7 N., R.2 E., Choctaw Meridian, Madison County.
Hydrologic Unit 03180002, 0.75 mi southwest of center of Madison.
Owner: City 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 sea level (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, 324.67 below land-surface datum, Sept. 19, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	318.64	--- --	------	FEB 27	313.00	APR 30	314.12	JUN 27	318.73	AUG 27	323.37
NOV 20	316.50	JAN 23	316.09	MAR 21	313.84	May 20	317.68	JUL 25	317.49	SEP 19	324.67

RANKIN COUNTY

322249089582101. Local number, G043.
LOCATION.--Lat 32°22'49", long 89°58'21", in SW1/4 NW1/4 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 sea level (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, 211.44 ft below land-surface datum, Jun. 27, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
--- --	------	--- --	------	--- --	------	--- --	------	JUN 27	211.44	AUG 26	207.62
NOV 20	204.40	JAN 24	197.90	MAR 21	210.88	--- --	------	JUL 31	203.94	SEP 19	205.06

321413090093901. Local number, K035
LOCATION.--Lat 32°16'48", long 90°10'32", in NW1/4 NW1/4 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 sea level (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 Sept. 1949; lowest measured, 217.49 ft below land-surface datum, Oct. 25, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL
OCT 25	217.49
NOV 20	209.95

321443090042103. Local number, K037.
LOCATION.--Lat 32°14'40", long 90°04'18", in NW1/4 SW1/4 sec.26, T.5 N., R.2 E., Choctaw Meridian, Rankin County.
Hydrologic Unit 03180002, 3 mi south of US Highway 80 at Pearl.
Owner: Mississippi State Hospital.
AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled public supply artesian well, diameter 12 in, depth 860 ft.
DATUM.-Land-surface datum is 330 ft above sea level (from topographic map).
Measuring point: Air vent, east side of pump base at land-surface datum.
PERIOD OF RECORD.--January 1962, July 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 200.34 ft below land-surface datum, Nov. 20, 1995, lowest measured, 222.50 ft below land-surface datum, July 25, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	200.90	FEB 27	211.51	JUN 5	221.40	SEP 19	218.89
NOV 20	200.34	MAR 21	212.38	JUL 25	222.50		

321733090081801. Local number, K041.
LOCATION.--Lat 32°18'28", long 90°08'08", in SE1/4 NW1/4 sec.6, T.5 N., R.2 E., Choctaw Meridian, Rankin County.
Hydrologic Unit 03180002, 2 mi north of US Highway 80 and .3 mi east of MS Highway 468 at Flowood.
Owner: City of Flowood.
AQUIFER.--Sand of Cockfield Formation of Claiborne Group of middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused public supply artesian well, diameter 8 in, depth 800 ft.
DATUM.-Land-surface datum is 260 ft above sea level (from topographic map).
Measuring point: Air vent at pump base,2.40 ft above land-surface datum.
PERIOD OF RECORD.--August 1959, January 1995 to current year (Discontinued).
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 131.54 ft below land-surface datum, Aug. 20, 1959, lowest measured, 212.22 ft below land-surface datum, Sept. 27, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL
OCT 25	211.37
JAN 24	212.13

RANKIN COUNTY-Continued

321735090022201. Local number, K067.
LOCATION.--Lat 32°17'37", long 90°08'42" in SE1/4 NE1/4 sec. 12. T.5 N., R.1 E., Choctaw Meridian, Rankin County.
Hydrologic Unit 03180002, 1 mi north of U.S. Highway 80 on State Highway 468 at Payne Drive in Flowood.
Owner: City of Flowood.
AQUIFER.--Sparta Sand of Claiborne Group of Middle Eocene age.
WELL CHARACTERISTICS.--Drilled unused public supply well, diameter 4 in, depth 714 ft.
DATUM.--Land-surface datum is 266 ft above sea level.
Measuring point: Top of 4-in casing, 3.05 ft above land-surface datum.
REMARKS.--Water levels affected by nearby pumping.
PERIOD OF RECORD.--November 1958, February 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 117.95 ft below land-surface datum Nov. 1958, lowest measured 216.84 ft below land-surface datum, Sept. 20, 1996.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 29	210.88	APR 30	206.31	JUN 27	211.05	AUG 26	215.25
MAR 22	207.11	MAY 20	211.35	JUL 25	213.42	SEP 20	216.84

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
124MMPS	Memphis Sand, Eocene (Tennessee Sites ONLY)
124TLLT	Tallahatta Formation, Eocene
124MUWX	Meridian-Upper Wilcox aquifer, Eocene
124WLCXM	Middle Wilcox aquifer, Eocene
124FRPL	Fort Pillow Sand, Eocene (Tennessee Sites ONLY)
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

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

BOLIVAR COUNTY

340232090445201 B112 CITY OF DUNCAN

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 15...	1300	124TLLT	1284	60	1	4040	0.10	4040	160	686

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 15...	8.5	25.5	0.2	0.21	0.07	160	1.0	361	296	1.0

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
APR 15...	39	0.40	0.14	30	422	<0.010	<0.050	0.410	0.50

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 15...	0.790	0.840	44	<1.0	-27.0	-5.09	78	16	2.8

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 15...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 15...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 15...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 15...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

BOLIVAR COUNTY--Continued

340232090445201 B112 CITY OF DUNCAN--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 15...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 15...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 15...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 15...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 15...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 15...	<0.100	<0.100	<0.100	<0.200	V0.030	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 15...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 15...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

BOLIVAR COUNTY--Continued

340232090445201 B112 CITY OF DUNCAN--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 15...	<0.050	<0.050	<0.050	<0.050	<0.050	0.120	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 15...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 15...	<5.00	<5.00	<5.00	1.20	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 15...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

333914091002901 N051 CITY OF BENOIT

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
APR 11...	1000	124SPRT	650.00	60	47	4040	0.10	4040	160	359	8.9	21.0

DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 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)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
APR 11...	0	0.26	0.08	81	0.70	183	150	0.30	20	0.30	0.11	11

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 11...	202	<0.010	<0.050	0.390	0.50	0.330	0.320	14	<1.0	170	20	2.0

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 11...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

BOLIVAR COUNTY--Continued

333914091002901 N051 CITY OF BENOIT--Continued

DATE	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 11...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DISSOLVED (UG/L) (39732)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DISSOLVED (UG/L) (39762)	2,4,5-T DISSOLVED (UG/L) (39742)
APR 11...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DISSOLVED (UG/L) (34253)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 11...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DIELDRIN DISSOLVED (UG/L) (39381)	LINDANE DISSOLVED (UG/L) (39341)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	DIAZINON, DISSOLVED (UG/L) (39572)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALATHION, DISSOLVED (UG/L) (39532)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 11...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARATHION, DISSOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PROMETON, WATER, DISS, REC (UG/L) (04037)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)	BROMACIL, WATER, DISS, REC (UG/L) (04029)
APR 11...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 11...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 11...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLOROETHANE TOTAL (UG/L) (34311)	1,1-DICHLOROETHANE TOTAL (UG/L) (34496)	1,2-DICHLOROETHANE TOTAL (UG/L) (32103)	1,1,1-TRICHLOROETHANE TOTAL (UG/L) (34506)	1,1,2-TRICHLOROETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRACHLOROWAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRACHLOROWAT UNF REC (UG/L) (34516)	ETHANE HEXACHLOROWATER UNFLTRD RECOVER (UG/L) (34396)	METHYLBROMIDE TOTAL (UG/L) (34413)
APR 11...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

BOLIVAR COUNTY--Continued

333914091002901 N051 CITY OF BENOIT--Continued

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 11...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 11...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 11...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 11...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.010	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 11...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 11...	<5.00	<5.00	<5.00	E0.500	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 11...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DE SOTO COUNTY

345814089584801 C021 CITY OF SOUTHAVEN

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
MAY 08...	1400	124SPRT	458.00	>60	1	4040	0.10	4040	160	89	6.0	17.5

DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 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)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
MAY 08...	2.7	6.0	2.2	8.1	0.70	48	39	2.4	3.9	<0.10	0.050	16

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 08...	50	<0.010	0.160	0.030	<0.20	0.020	0.020	8.0	<1.0	91	16	5.7

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 08...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 08...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 08...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 08...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 08...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DE SOTO COUNTY--Continued

345814089584801 C021 CITY OF SOUTHAVEN--Continued

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 08...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 08...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 08...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 08...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 08...	<0.100	E0.020	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	0.560	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 08...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 08...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY 08...	<0.050	<0.050	<0.050	E0.070	<0.050	E0.010	<0.050	<0.050	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DE SOTO COUNTY--Continued

345814089584801 C021 CITY OF SOUTHAVEN--Continued

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY											
08...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY											
08...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY										
08...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

HANCOCK COUNTY

301959089212301 K473 CASINO MAGIC

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
FEB 14...	0945	122HBRG	1028	1810	30	1	4100	4100	100	866

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	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)
FEB 14...	8.6	40	3.0	0.30	200	1.2	278	<0.20	120

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) (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)
FEB 14...	0.50	19	528	<0.010	<0.020	0.950	0.420	10	28

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

HARRISON COUNTY

302358088531201 M564 BARQS BOTTLING COMPANY

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
FEB 28...	1300	122PCGL	1028	1195	4	4100	4100	110	1430	8.5

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-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
FEB 28...	29.0	20	8.1	0.90	470	2.5	276	<0.20	550

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) (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)
FEB 28...	0.60	17	1200	0.010	<0.020	1.90	0.170	49	53

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

HUMPHREYS COUNTY

331111090283701 C015 CITY OF BELZONI

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 10...	1500	124SPRT	791.00	60	47	4040	0.10	4040	160	289

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 10...	7.6	23.0	0.1	0.93	0.14	67	1.4	153	125	8.5

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
APR 10...	1.6	0.10	0.020	37	198	<0.010	<0.050	0.250	0.30

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 10...	0.100	0.100	78	5.0	-27.8	-5.14	91	16	0.30

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 10...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 10...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 10...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 10...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

HUMPHREYS COUNTY--Continued

331111090283701 C015 CITY OF BELZONI--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 10...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 10...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 10...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 10...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 10...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 10...	<0.100	<0.100	<0.100	<0.200	V0.020	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 10...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 10...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

HUMPHREYS COUNTY--Continued

331111090283701 C015 CITY OF BELZONI--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 10...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.010	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 10...	<0.050	<0.050	<0.050	<0.200	<0.050	E0.300	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 10...	<5.00	<5.00	<5.00	E0.800	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 10...	<0.050	<0.050	E0.030	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

JACKSON COUNTY

302338088294501 Q530 JOHNNY WHITEHEAD

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)
AUG 20...	1215	122PCGL	1028	1030	20	30	26	4040	8.00	4040	110

DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	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-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
AUG 20...	1920	8.0	28.0	50	3.6	0.80	470	3.0	363	<0.20

DATE	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)	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)
AUG 20...	490	1.3	15	1190	<0.010	<0.020	2.20	0.200	24	18

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LEFLORE COUNTY

333030090105101 L252 CITY OF GREENWOOD

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
APR 16...	1000	124MUWX	830.00	>60	1	4040	0.10	4040	160	320	8.4	21.5

DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 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)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
APR 16...	<0.1	0.43	0.12	79	1.3	192	157	6.3	1.9	0.20	0.030	15

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 16...	190	<0.010	0.090	0.440	0.50	0.320	0.310	9.0	<1.0	86	17	0.80

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 16...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 16...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 16...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 16...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 16...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LEFLORE COUNTY--Continued

333030090105101 L252 CITY OF GREENWOOD--Continued

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 16...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 16...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 16...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 16...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 16...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 16...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 16...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 16...	<0.050	<0.050	<0.050	<0.050	<0.050	0.200	<0.050	<0.050	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LEFLORE COUNTY--Continued

333030090105101 L252 CITY OF GREENWOOD--Continued

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 16...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 16...	<5.00	<5.00	<5.00	1.30	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 16...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LINCOLN COUNTY

313527090292301 G406 USCE Z 1

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)
DEC 07...	0900	121CRNL	810	120.00	2.5	60	26	4040

DATE	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
DEC 07...	8.00	4040	160	115	6.0	19.0	6.7	18

313509090292701 G407 USCE Z 2

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)
DEC 06...	1700	121CRNL	810	84.00	0.1	180	39	4040

DATE	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
DEC 06...	4.00	4040	160	80	5.9	18.5	4.5	5.8

313453090302401 G408 USCE Z 3

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)
DEC 07...	2000	121CRNL	810	112.00	2.5	60	26	4040

DATE	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
DEC 07...	8.00	4040	160	99	6.0	18.0	4.9	4.7

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LINCOLN COUNTY--Continued

313531090311901 G410 USCE Z 5

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)
DEC 07...	1500	121CRNL	810	88.00	2.5	60	26	4040

DATE	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
DEC 07...	8.00	4040	160	985	5.8	18.5	170	280

313533090304501 G411 USCE Z 7

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)
DEC 07...	1200	121CRNL	810	100.00	2.5	60	26	4040

DATE	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
DEC 07...	8.00	4040	160	87	5.8	19.0	8.8	15

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MARSHALL COUNTY

344614089264701 P078 CITY OF HOLLY SPRINGS

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAY 08...	1000	124MUWX	340.00	>60	1	4040	0.10	4040	160	146

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAY 08...	5.8	17.0	7.4	9.4	3.4	10	2.1	26	21	12

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 08...	11	<0.10	0.040	14	97	<0.010	3.80	0.040	<0.20

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 08...	<0.010	<0.010	3.0	<1.0	-29.2	-5.45	130	17	5.7

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 08...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 08...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 08...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 08...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MARSHALL COUNTY--Continued

344614089264701 P078 CITY OF HOLLY SPRINGS--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 08...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 08...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 08...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 08...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 08...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 08...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	E0.020	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 08...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 08...	<0.050	<0.050	E0.050	0.180	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

MARSHALL COUNTY--Continued

344614089264701 P078 CITY OF HOLLY SPRINGS--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY											
08...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.060	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY											
08...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY											
08...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY										
08...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PANOLA COUNTY

341915089561101 R090 CITY OF BATESVILLE

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 17...	1000	124WLCXL	1079	60	1	4040	0.10	4040	160	352

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 17...	8.6	24.0	<0.1	0.74	0.18	84	0.80	201	165	0.30

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
APR 17...	10	0.10	0.070	12	202	<0.010	0.120	0.280	0.30	0.350

DATE	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	TRITIUM TOTAL (PCI/L) (07000)	TRITIUM 2 SIGMA WATER, WHOLE, TOTAL (PCI/L) (75985)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 17...	0.370	8.0	6.0	-30.8	-5.55	87	19	<1.0	1.0	0.90

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 17...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 17...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 17...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 17...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PANOLA COUNTY--Continued

341915089561101 R090 CITY OF BATESVILLE--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 17...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 17...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 17...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 17...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 17...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 17...	<0.100	<0.100	<0.100	<0.200	V0.020	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 17...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 17...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PANOLA COUNTY--Continued

341915089561101 R090 CITY OF BATESVILLE--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 17...	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 17...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 17...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 17...	<0.050	<0.050	E0.007	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

PERRY COUNTY

311014088551001 J076 GERALD RICH

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 25...	1110	122MOCN	1028	520.00	4.0	1	4100	4100	170	501

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	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-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
APR 25...	7.8	22.0	5	1.0	0.20	110	0.90	115	7.6	85

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) (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)
APR 25...	0.20	15	282	<0.010	<0.020	0.240	0.120	9.0	6.0

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

QUITMAN COUNTY

341020090080501 J056 CITY OF CROWDER

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 18...	1000	124WLCXM	922.00	60	1	4040	0.10	4040	160	619

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 18...	8.8	21.5	<0.1	1.1	0.32	150	1.5	378	310	0.40

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
APR 18...	17	0.30	0.10	12	362	<0.010	0.110	0.740	0.90

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	TRITIUM TOTAL (PCI/L) (07000)	TRITIUM 2 SIGMA WATER, WHOLE, TOTAL (PCI/L) (75985)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 18...	0.460	0.470	25	6.0	150	18	<1.0	1.0	2.1

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 18...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 18...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 18...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 18...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

QUITMAN COUNTY--Continued

341020090080501 J056 CITY OF CROWDER--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 18...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 18...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 18...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 18...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 18...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 18...	<0.100	<0.100	<0.100	<0.200	V0.020	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 18...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 18...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

QUITMAN COUNTY--Continued

341020090080501 J056 CITY OF CROWDER--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 18...	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 18...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 18...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 18...	<0.050	<0.050	E0.007	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHARKEY COUNTY

325438090521601 E015 CITY OF ROLLING FORK

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 10...	1000	124SPRT	1039	60	47	4040	0.10	4040	160	698

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 10...	8.7	26.0	0.4	0.24	0.07	170	0.80	438	359	0.40

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
APR 10...	16	0.50	0.060	13	426	<0.010	0.120	0.470	0.60

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 10...	0.390	0.420	11	<1.0	-25.1	-4.79	78	16	3.3

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 10...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 10...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 10...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 10...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHARKEY COUNTY--Continued

325438090521601 E015 CITY OF ROLLING FORK--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 10...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 10...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 10...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 10...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 10...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 10...	<0.100	<0.100	<0.100	<0.200	V0.020	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 10...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 10...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHARKEY COUNTY--Continued

325438090521601 E015 CITY OF ROLLING FORK--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 10...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.010	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 10...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 10...	<5.00	<5.00	<5.00	1.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 10...	<0.050	<0.050	E0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

TALLAHATCHIE COUNTY

335623090201801 J020 CITY OF WEBB

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
APR 17...	1400	124TLLT	816.00	60	1	4040	0.10	4040	160	471

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
APR 17...	7.8	22.5	<0.1	0.43	0.18	110	1.9	261	214	0.30

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
APR 17...	15	0.20	0.080	41	298	<0.010	0.120	0.580	0.70

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	TRITIUM TOTAL (PCI/L) (07000)	TRITIUM 2 SIGMA WATER, WHOLE, TOTAL (PCI/L) (75985)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
APR 17...	0.380	0.400	130	9.0	84	19	<1.0	1.0	0.60

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
APR 17...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
APR 17...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
APR 17...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
APR 17...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

TALLAHATCHIE COUNTY--Continued

335623090201801 J020 CITY OF WEBB--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
APR 17...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
APR 17...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
APR 17...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
APR 17...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
APR 17...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
APR 17...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
APR 17...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
APR 17...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

TALLAHATCHIE COUNTY--Continued

335623090201801 J020 CITY OF WEBB--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
APR 17...	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
APR 17...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
APR 17...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
APR 17...	<0.050	<0.050	E0.020	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

WARREN COUNTY

322635090362801 H012 HENRY JONES

DATE	TIME	GEO-LOGIC UNIT	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH OF WELL, TOTAL (FEET) (72008)	FLOW RATE, INSTAN-TANEOUS (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)
SEP 04...	1010	123FRHL	1028	200.00	20	25	47	4040	8.00	4040	110

DATE	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	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-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
SEP 04...	848	8.7	20.0	<5	8.8	3.0	190	4.2	472	6.2

DATE	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)	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)
SEP 04...	8.0	0.50	13	528	<0.010	<0.020	0.870	0.190	17	41

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

CROCKETT COUNTY TENNESSEE

355437089144301 CITY OF FRIENDSHIP

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
MAY 02...	1200	124MMPS	330.00	>60	1	4040	0.10	4040	160	121	6.2	17.0

DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 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)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
MAY 02...	<0.1	10	4.9	5.6	1.5	71	58	2.4	1.8	<0.10	0.030	12

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 02...	74	<0.010	<0.050	0.040	<0.20	<0.010	<0.010	320	260	110	17	0.20

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 02...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 02...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 02...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 02...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 02...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

CROCKETT COUNTY TENNESSEE--Continued

355437089144301 CITY OF FRIENDSHIP--Continued

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 02...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 02...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 02...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 02...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 02...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 02...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 02...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY 02...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.020	<0.050	<0.050	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

CROCKETT COUNTY TENNESSEE--Continued

355437089144301 CITY OF FRIENDSHIP--Continued

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY											
02...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY											
02...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY										
02...	<0.050	<0.050	E0.008	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LAUDERDALE COUNTY TENNESSEE

354444089314401 CITY OF RIPLEY

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
MAY 07...	0900	124MMPS	730.00	>60	1	4040	0.10	4040	160	226	6.4	18.0

DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 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)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 07...	<0.1	18	9.4	6.9	1.9	2.1	1.8	0.20	0.030	10	116

DATE	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)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 07...	<0.010	0.060	0.050	<0.20	0.140	<0.010	6100	120	72	16	0.30

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 07...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 07...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 07...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 07...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 07...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LAUDERDALE COUNTY TENNESSEE--Continued

354444089314401 CITY OF RIPLEY--Continued

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 07...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 07...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 07...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 07...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 07...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 07...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 07...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY 07...	0.160	<0.050	0.160	0.430	<0.050	E0.020	<0.050	<0.050	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

LAUDERDALE COUNTY TENNESSEE--Continued

354444089314401 CITY OF RIPLEY--Continued

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL- WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL- UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL- UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY 07...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO- WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO- WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO- WAT UNF REC (UG/L) (34551)
MAY 07...	<5.00	<5.00	E0.200	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY 07...	<0.050	<0.050	E0.040	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

OBION COUNTY TENNESSEE

362552089032001 CITY OF UNION CITY

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAY 01...	0900	124MMPS	886.00	60	1	4040	0.10	4040	160	111

DATE	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAY 01...	18.5	<0.1	10	3.8	5.7	1.1	67	55	2.1

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 01...	1.5	<0.10	0.030	9.7	64	<0.010	<0.050	0.040	<0.20

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	TRITIUM TOTAL (PCI/L) (07000)	TRITIUM 2 SIGMA WATER, WHOLE, TOTAL (PCI/L) (75985)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 01...	<0.010	0.010	560	9.0	78	16	<1.0	1.0	0.20

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 01...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 01...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 01...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 01...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

OBION COUNTY TENNESSEE--Continued

362552089032001 CITY OF UNION CITY--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 01...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 01...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 01...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 01...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 01...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 01...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 01...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 01...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

OBION COUNTY TENNESSEE--Continued

362552089032001 CITY OF UNION CITY--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/ PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY 01...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.020	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY 01...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY 01...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY 01...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHELBY COUNTY TENNESSEE

350500089481801 CITY OF GERMANTOWN

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAY 06...	1400	124MMPS	314.00	>60	1	4040	0.10	4040	160	68

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAY 06...	6.0	17.0	3.5	4.6	1.8	6.0	0.60	34	28	1.8

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 06...	3.1	<0.10	0.040	12	54	<0.010	0.090	<0.015	<0.20

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 06...	<0.010	<0.010	<3.0	<1.0	-29.8	-5.37	75	15	0.20

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 06...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 06...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 06...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 06...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHELBY COUNTY TENNESSEE--Continued

350500089481801 CITY OF GERMANTOWN--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 06...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 06...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 06...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 06...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 06...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 06...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	E0.040	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 06...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 06...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHELBY COUNTY TENNESSEE--Continued

350500089481801 CITY OF GERMANTOWN--Continued

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY 06...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.030	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY 06...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY 06...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY 06...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

352034089534501 CITY OF MILLINGTON

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAY 07...	1400	124FRPL	1466	>60	1	4040	0.10	4040	160	179

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAY 07...	6.8	23.0	<0.1	1.6	0.62	39	1.4	124	102	5.2

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 07...	0.60	0.10	0.040	12	119	<0.010	0.060	0.180	<0.20

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	TRITIUM TOTAL (PCI/L) (07000)	TRITIUM 2 SIGMA WATER, WHOLE, TOTAL (PCI/L) (75985)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 07...	0.310	0.180	1200	37	97	16	2.0	1.0	<0.10

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHELBY COUNTY TENNESSEE--Continued

352034089534501 CITY OF MILLINGTON--Continued

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 07...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 07...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 07...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 07...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 07...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 07...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 07...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 07...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

SHELBY COUNTY TENNESSEE--Continued

352034089534501 CITY OF MILLINGTON--Continued

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 07...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 07...	<0.100	<0.100	<0.100	<0.200	<0.200	<0.100	<0.100	<0.200	<0.050	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 07...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 07...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY 07...	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY 07...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY 07...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY 07...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

WEAKLEY COUNTY TENNESSEE

361709088423501 CITY OF DRESDEN

DATE	TIME	GEO-LOGIC UNIT	DEPTH OF WELL, TOTAL (FEET) (72008)	PUMP OR FLOW PERIOD PRIOR TO SAM-PLING (MIN) (72004)	SAMPLE SOURCE (72005)	SAMPLER TYPE (CODE) (84164)	SAM-PLING CONDI-TION (72006)	SAM-PLING METHOD, CODES (82398)	WELL PURGING CONDI-TION (CODE) (84143)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
MAY 01...	1400	124MMPS	398.00	>60	1	4040	0.10	4040	160	33

DATE	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	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 CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
MAY 01...	16.0	6.4	1.7	0.67	3.3	0.30	20	16	1.1

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (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)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAY 01...	1.1	<0.10	0.020	13	27	<0.010	0.100	0.030	<0.20

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	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)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
MAY 01...	<0.010	<0.010	8.0	<1.0	-34.2	-5.86	80	16	0.20

DATE	ACETO-CHLOR, WATER FLTRD REC (UG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	ALDI-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (49312)	ALDI-CARB SULFONE WAT,FLT GF 0.7U REC (UG/L) (49313)	ALDICA-RB SUL-FOXIDE, WAT,FLT GF 0.7U REC (UG/L) (49314)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
MAY 01...	<0.002	<0.002	<0.002	<0.003	<0.003	<0.007	<0.004	<0.016	<0.016	<0.021	<0.002

DATE	CAR-BARYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49310)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN, WATER, FLTRD, GF 0.7U REC (UG/L) (49309)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	3HYDRXY CARBO-FURAN WAT,FLT GF 0.7U REC (UG/L) (49308)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L) (38501)	METH-OMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (49296)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L) (38866)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
MAY 01...	<0.008	<0.003	<0.028	<0.003	<0.014	<0.002	<0.026	<0.017	<0.004	<0.018	<0.004

DATE	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49236)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L) (38538)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	2,4-D, DIS-SOLVED (UG/L) (39732)	DICHLOR PROP, WATER, FLTRD, GF 0.7U REC (UG/L) (49302)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L) (38746)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L) (38482)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L) (38487)	SILVEX, DIS-SOLVED (UG/L) (39762)	2,4,5-T DIS-SOLVED (UG/L) (39742)
MAY 01...	<0.035	<0.035	<0.002	<0.001	<0.035	<0.032	<0.035	<0.050	<0.035	<0.021	<0.035

DATE	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L) (49235)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L) (49292)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	CHLORO-THALO-NIL, WAT,FLT GF 0.7U REC (UG/L) (49306)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	DACTHAL MONO-ACID, WAT,FLT GF 0.7U REC (UG/L) (49304)	P,P' DDE DISSOLV (UG/L) (34653)
MAY 01...	<0.050	<0.002	<0.004	<0.019	<0.004	<0.002	<0.002	<0.035	<0.002	<0.017	<0.006

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

WEAKLEY COUNTY TENNESSEE--Continued

361709088423501 CITY OF DRESDEN--Continued

DATE	DICHLO-BENIL, WATER, FLTRD, GF 0.7U REC (UG/L) (49303)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	LINDANE DIS-SOLVED (UG/L) (39341)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
MAY 01...	<0.020	<0.001	<0.004	<0.001	<0.004	<0.002	<0.017	<0.003	<0.003	<0.005	<0.006

DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	BRO-MACIL, WATER, DISS, REC (UG/L) (04029)
MAY 01...	<0.004	<0.002	<0.013	<0.005	<0.001	<0.002	<0.004	<0.004	<0.018	<0.005	<0.035

DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	FEN-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49297)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L) (49300)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L) (38811)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L) (38478)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	NEB-URON, WATER, FLTRD, GF 0.7U REC (UG/L) (49294)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	ACIFL-UORFEN WATER, FLTRD, GF 0.7U REC (UG/L) (49315)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L) (38711)	BRO-MOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L) (49311)
MAY 01...	<0.007	<0.013	<0.020	<0.035	<0.018	<0.002	<0.015	<0.010	<0.035	<0.014	<0.035

DATE	CHLOR-AMBEN, WATER, FLTRD, GF 0.7U REC (UG/L) (49307)	CLOPYR-ALID, WATER, FLTRD, GF 0.7U REC (UG/L) (49305)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L) (38442)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L) (49301)	DNOC WAT,FLT GF 0.7U REC (UG/L) (49299)	ESFEN-VAL-ERATE, WAT,FLT GF 0.7U REC (UG/L) (49298)	1-NAPH THOL, WATER, FLTRD, GF 0.7U REC (UG/L) (49295)	NORFLUR AZON, WATER, FLTRD, GF 0.7U REC (UG/L) (49293)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L) (49291)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
MAY 01...	<0.011	<0.050	<0.035	<0.003	<0.035	<0.035	<0.019	<0.007	<0.024	<0.050	<0.013

DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	CHLORO-ETHANE TOTAL (UG/L) (34311)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	ETHANE HEXA-CHLORO-WATER UNFLTRD RECOVER (UG/L) (34396)	METHYL-BROMIDE TOTAL (UG/L) (34413)
MAY 01...	<0.100	<0.100	<0.050	<0.050	<0.050	<0.100	<0.050	<0.050	<0.100	<0.050	<0.100

DATE	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	BROMO-FORM TOTAL (UG/L) (32104)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)
MAY 01...	<0.100	<0.100	<0.100	<0.200	V0.010	<0.100	<0.100	<0.200	E0.030	<0.100	<0.050

DATE	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	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)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	2BUTENE TRANS-1 4-DI-CHLORO UNFLTRD RECOVER (UG/L) (73547)	BROMO-ETHENE WATER UNFLTRD RECOVER (UG/L) (50002)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)
MAY 01...	<0.050	<0.500	<0.050	<0.050	<0.050	<0.200	<0.200	<5.00	<0.100	<0.100	<0.100

DATE	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	PROPENE 3-CHLORO-WATER UNFLTRD RECOVER (UG/L) (78109)	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)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)
MAY 01...	<0.050	<0.050	<0.050	<0.050	<0.100	<0.050	<0.100	<0.100	<0.050	<0.050	<0.050

WATER QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

WEAKLEY COUNTY TENNESSEE--Continued

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DATE	ETHYL-BENZENE TOTAL (UG/L) (34371)	TOLUENE TOTAL (UG/L) (34010)	O-XYLENE WATER WHOLE TOTAL (UG/L) (77135)	META/PARA-XYLENE WATER UNFLTRD REC (UG/L) (85795)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (UG/L) (77221)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	PREH-NITENE WATER UNFLTRD RECOVER (UG/L) (49999)	ISO-DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
MAY											
01...	<0.050	<0.050	<0.050	<0.050	<0.050	E0.020	<0.050	<0.050	<0.050	<0.050	<0.050

DATE	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	BENZENE TOTAL (UG/L) (34030)	NAPHTH-ALENE TOTAL (UG/L) (34696)	STYRENE TOTAL (UG/L) (77128)	ACETONE WATER WHOLE TOTAL (UG/L) (81552)	ETHER ETHYL-WATER UNFLTRD RECOVER (UG/L) (81576)	ETHER TERT-BUTYL ETHYL-UNFLTRD RECOVER (UG/L) (50004)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	ETHER TERT-PENTYL METHYL-UNFLTRD RECOVER (UG/L) (50005)	DI-ISO-PROPYL-ETHER, WATER, UNFLTRD RECOVER (UG/L) (81577)
MAY											
01...	<0.050	<0.050	<0.050	<0.200	<0.050	<5.00	<0.100	<0.100	<0.100	<0.100	<0.100

DATE	FURAN TETRA-HYDRO-WATER UNFLTRD RECOVER (UG/L) (81607)	2-HEXA-NONE WATER WHOLE TOTAL (UG/L) (77103)	METHYL-ISO-BUTYL-KETONE WAT.WH. TOTAL (UG/L) (78133)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (UG/L) (81595)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
MAY											
01...	<5.00	<5.00	<5.00	<5.00	<0.050	<0.050	<0.050	<0.050	<0.050	<0.200	<0.200

DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	CARBON DI. SULFIDE WATER WHOLE TOTAL (UG/L) (77041)	METHAC-RYLATE ETHYL-WATER UNFLTRD RECOVER (UG/L) (73570)	METHYL ACRY-LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METH-ACRYLO-NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHAC-RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)	ACRO-LEIN TOTAL (UG/L) (34210)	ACRYLO-NITRILE TOTAL (UG/L) (34215)	ACETATE VINYL WATER UNFLTRD RECOVER (UG/L) (77057)
MAY										
01...	<0.050	<0.050	<0.050	<1.00	<2.00	<2.00	<1.00	<2.00	<2.00	<5.00

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
	Length	
inch (in.)	2.54×10^{1}	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^{0}	kilometer
	Area	
acre	4.047×10^{3}	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi^2)	2.590×10^{0}	square kilometer
	Volume	
gallon (gal)	3.785×10^{0}	liter
	3.785×10^{0}	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^{3}	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft^3)	2.832×10^{1}	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft^3/s) d]	2.447×10^{3}	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^{3}	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
	Flow	
cubic foot per second (ft^3/s)	2.832×10^{1}	liter per second
	2.832×10^{1}	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^{1}	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
	Mass	
ton (short)	9.072×10^{-1}	megagram or metric ton

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment for the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

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